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## Title word cross-reference

$(-\infty, \infty)$ [CC16a]. $(1, 2]$ [Uya17]. $(2n - 1)$ [Len17]. $(\mathrm{GARMA}(1, 1; \delta_1, \delta_2))$ [PSP12]. $(k, l)$ [RS19, TSG19]. $(\mu_x)$ [SS15a]. $(n, f, k)$ [Kam14, KS14a]. $(n - k + 1)$ [RSA13, SHB17]. $(n - r + 1)$ [BBHN18]. $(n > p)$ [SC18]. $(\mathrm{NML}_m(m))$ [Gar10]. $(r - k)$ [AK13]. $(s, S)$ [Ali17]. 1 [BB12, CO10]. $1/\alpha$ [Sel17b, Sel17a]. 100 [LZH15]. $1{:}\,m$ [He18]. 2 [PBY+14]. $2^k$ [Nor16]. $2^m$ [HYK15b]. $2^{m-k}$ [Jac11]. $2^{m-p}$ [YWZ18]. $2^{n-(n-k)}$ [Hil15]. $2^n 4^1$ [ZYLZ17]. $2l + 1$ [HYK15b]. $2 \times 2$ [Bar17b, BSY12]. 3 [Are14, KS12a, TIA11]. $3^m$ [KHY17, YH11]. $>$ [IBA18]. $^k$ [TN13]. $^Q$ [Gue10]. $^X$ [KC19a, Ye19, KC19b]. $_k$ [ZXM16]. $A$ [Gra12, HS19, ROM16, ZLZ19]. $\alpha$ [AD17a, AD17b, KAS17, KAPA19, Lia10, Lia11, LLY14, LO17, QL19, RASR17, She18a, SW19a, SK10b, WLF11, Yeh17, YSC17b, ZC17b, dSE11]. $\alpha = 2$ [TIA11]. AR(1) [MZ15, PZ15, WG15, ZLF14, Pop12]. $\mathrm{ARMA}(p, q)$ [RB11]. $B$ [FZ10b]. $\bar{X}$

[PKM17, PMKF17, PMFK18, SMSF19, SKK18, Sag15, WWZC18, YKL+17]. $\beta$ [RM10, SK10b, YM18]. $c$ [FN09, KNHM17, WCK16]. $C_{pk}$ [AB13]. $C_{PL}$ [CC15a]. $C_{\text{pm}}$ [AK19]. $C_{PU}$ [CC15a]. $\chi^2$ [BK09, Huh16]. $D$ [AW10, CG19, DDM10, DDM14, Jaf13, KS12a, LRC17, Sco09, Tin10, YA10, ZY14, DK17a, Sco11, Šir15]. $D_A$ [Tan10a]. $\delta$ [BMLY19, PMW17, TE18a]. $E$ [CG14a, Han17, JJ16, JKD17, Ros19, You17]. $\epsilon$ [GVGP11]. $F$ [BDM15, Hot16]. $G$ [AE23b, DSC+14, GDSC15a, Hu17, JCY10, JC12, MAYH17, NCO15, NAYC17, RS13, ZZ15, CPW19, HZW17]. $\frac{G_1}{G_2}$ [KC19a, KC19b]. Gamma$(\lambda, 2)$ [CY10]. GAR(1) [SP13]. GARCH$(1,1)$ [BL13, KSBN17, PC16a]. GARCH$(2,2)$ [KTBN17]. $\text{GN}_2$ [Oll17]. GQARCH$(1,1)$ [AL15]. $h$ [SSS18]. $H > 1/2$ [MS11b]. $H \in (2/3, 1)$ [FNM19]. $I$ [FK19, Min11, RAB15]. $I(d)$ [Nar13]. INAR(1) [BIP+10, KP13, Nas12, SW14b]. INAR$(p)$ [PS13, TW14]. $\infty$ [Bur19]. $K$ [BSS19, LCA17, RZ14, VBATK11, AC16, CKLC17, DK17a, DK17b, DSC+14, Gau17, GXB18, Jas16, Jas19, JCY10, JC12, KQ17, Kom17, KN16a, LB16, MT14, MP15, MGP14, Min10, MA14, SBA17, SSB17b, ŠS12c, Šir14, SNN16, Wan16e, Wu16c, YL18d, Zha11, ZT17, ZL15]. $L$ [Dut17, Hui10, KR17, Ryc14b, SV11, MP15]. $L^1$ [PTV18]. $L^2$ [Qum12, ZLL11]. $L^p$ [BD16a, KL17b, XDWC18]. $L_1$ [BK17b, Has19]. $L_2$ [GQC17, OQC14, YYS19]. $L_p$ [Che19b, FZ17a, Li14a, MYM11]. $L_r$ [SS17b, XTL+17]. $\lambda$ [MKD11]. $\langle n, f, k \rangle$ [KS14a]. $\langle n, k, f \rangle$ [Kam14]. $M$ [BS15, Cah12, Dan18, ES14, Han12a, HS11, Kon15a, Kos14, Lin19, Shi10, SL15, Sun17b, Sun17a, SV11, WL10, WT15, WH17b, WJ11, YC12, ZJC10, ZWL16, ZDS16, CDS19, CKLC17, GK13, HP10, MK13, MC11, MX19, NHV17, SYW16, SY16, SY17c, SNN16, WYY16]. MA(1) [DK13, Dos11, KNH17, MS10c]. $\mathbf{E}[\prod_{i=0}^{k} \text{Tr}\{W^{m_i}\}]$ [PVS17]. $\mathbf{L}_2(\mathbf{R}^d)$ [BR17]. $N$ [KC19b, Rez17, SY17a, BBHN18, DSC+14, GXB18, JCY10, JC12, Kom17, Len17, MK13, RSA13, SHB17, Wan16e, Wys19, YL18d, Zha11, ZL15]. $N \equiv 0 \pmod 4$ [KS12a]. $n \equiv 1 \pmod 4$ [JJ16]. $np$ [WCK16]. $O$ [LG10]. $P$ [CM16c, CFA17, BC13, BL15, Bos18, CS12, Fel10, FBS10, GF17, HXL13, Lin14b, LN13a, MCX10, Pao10, RP15, ZXM16, ZXW16]. $P(X > Y)$ [PG18]. $P(X_{(t)} > Y_{(t)})$ [AHEA18]. $P(Y < X)$ [MADSAS10, Noo16, PKJ14]. $p = 3, 4, 5$ [LN17]. PAR(1) [Mer16]. $p \geq 2$ [BN18a]. $\phi$ [KAW+18, LSZ16, LQ17b, LSL18]. PINAR$(1)_T$ [JWZ14]. PSETAR$(2,1,1)$ [Mer16]. $\psi$ [HS14, WdX17, XY19]. $q$ [Afe13, HG19, KV17]. $QQ$ [HT16b]. $R$ [CR13, LSSS14, Ros19, SA16, DK17a, ŠS12c, Šir14, Šir15, Tor12, Wu16c]. $R/S$ [Fu11a]. $R = P[X < Y]$ [BK17a]. $R^{[X]}$ [PBC17]. RCINAR(1) [ZWZ12]. $\rho$ [hCXxShY18]. $\rho^*$ [HWW15]. $S$ [Tsi15, LCT12, LK17d]. $S^2$ [COK17]. $S_B$ [Fly10]. $\sim \mathcal{W}_{\vee}(\mathcal{I}, \setminus)$ [PVS17]. SINAR$(1,1)$ [GSB12]. $T$ [HHC16, CY14, Cha18, CW19a, CHP14, Cos18, DYXW19, HUK19, Hod14, HNV13, HLP17, HST19, JZTN17, Kim11, PK11, RLL12, SF12b, SD14, TP14, WHZ17, Wil09, Xu10, Xu12, Xu17a, XO19, ZX16]. $T^2$ [BG19a, CSM16, DW18, FCSH16, KSF17, Lee13, LK19a, MCY14, PM18,

SFSH16, SI17, TN19]. $\tau$ [SSS14a]. $\theta^r$ [Mah12b]. $TL$ [Dut17]. $U$ [BQC17, EE14, FZ10b, Fu11b, Fu12a, Fu12b, LG10, Wan17e, YYS19, YMF15]. $U(\theta, m\theta)$ [PR11]. $\upsilon$ [RP10]. $V$ [EE14, IBA18]. $\varphi$ [Guo14, SWL14, SWLW14, WWW17, XYL14, YWH14, ZDW17]. $W$ [EW16, Fly10, Vin13, Tee10, TS19]. $X$ [LJ10, NGT13, TCA$^+$16, CY10, SS15a, YWLY11]. $X^-$ [ML13]. $X_{(t)}$ [AHEA18]. $Y_{(t)}$ [AHEA18]. $z$ [YSD$^+$16]. $Z_+$ [SSA10]. $|S|$ [LK17c].

**-Almost** [BR17]. **-analog** [KV17]. **-asymptotically** [NHV17]. **-Asymptotics** [YA10]. **-Bar** [CY10, YWLY11, LJ10, NGT13]. **-Bayesian** [SK10b, Han12a, Han17, You17]. **-bifurcating** [Dan18]. **-branch** [Dan18]. **-Brownian** [Hu17, ZZ15]. **-characteristic** [Sel17b]. **-chart** [KNHM17, Sag15]. **-Circulant** [MGP14]. **-Contaminated** [GVGP11]. **-control** [PKM17, PMKF17, PM18, PMFK18]. **-Copula** [PK11]. **-copulas** [Wys19]. **-D** [PBY$^+$14]. **-Dependence** [dSE11]. **-Dependent** [HP10, MC11, MX19, WYY16]. **-Dimensional** [MK13]. **-discrepancy** [GQC17, OQC14, YYS19]. **-distance** [BD16a]. **-distorted** [SSB17b]. **-distribution** [Cos18, Huh16]. **-Distributions** [Wil09, Tsi15]. **-Divergence** [BK09, SK10b, She18a]. **-Efficient** [RS13]. **-error** [PTV18]. **-Esscher** [HG19]. **-estimates** [WH17b]. **-Estimation** [ZDS16, Kon15a, SL15, Sun17b, Sun17a, WT15]. **-Estimator** [HS11, WL10]. **-Estimators** [ES14, SV11, YC12, Lin19]. **-expectation** [CPW19, HZW17]. **-Functions** [Tee10, TS19]. **-Generalized** [GK13]. **-group** [LCA17]. **-hurdle** [RS19]. **-inflated** [TSG19]. **-Laplace** [Yeh17]. **-Level** [Tor12]. **-Max** [RP15]. **-Maximin** [Tan10a]. **-median** [ZLL11]. **-medoids** [BSS19]. **-Mixing** [Guo14, HWW15, Lia10, Lia11, LLY14, RM10, SWL14, SWLW14, WLF11, AD17a, AD17b, hCXxShY18, KAW$^+$18, LSZ16, LQ17b, LSL18, LO17, WWW17, WdX17, XYL14, XY19, YWH14, ZDW17]. **-moments** [Dut17]. **-Nearest** [VBATK11]. **-Norms** [Li14a]. **-occasion** [SSS18]. **-of-** [CKLC17, Len17]. **-optimal** [FN09, AW10, CG14a, DDM10, DDM14, Gra12, Jaf13, KS12a, Tin10, ZY14, CG19, LRC17, RZ14, ROM16, ZLZ19]. **-optimality** [HS19, JJ16, JKD17, Ros19]. **-ordered** [Rez17]. **-Out-of-** [JCY10, RSA13, BBHN18, DSC$^+$14, GXB18, JC12, Kom17, SHB17, SNN16, Wan16e, YL18d, Zha11, ZL15]. **-overlapping** [MP15]. **-plots** [HT16b]. **-policy** [KC19b]. **-Pólya** [Min11]. **-Principal** [MK13]. **-probabilities** [Sel17a]. **-Quantile** [MCX10, BS15]. **-record** [AC16, SBA17]. **-records** [KQ17, MT14, MA14]. **-rooted** [SY17c]. **-sample** [Gau17]. **-series** [KAS17, KAPA19]. **-shock** [PMW17, TE18a]. **-Skeleton** [YM18]. **-Spherical** [RP10]. **-Stable** [dSE11, SW19a, YSC17b]. **-State** [SY17a]. **-Statistic** [Xu10, Wan17e]. **-Statistics** [FZ10b, Fu11b, Fu12a, Fu12b, Hui10, Ryc14b, Shi10, EE14, KR17, YMF15]. **-Test** [Sco09, BDM15, Hot16]. **-th** [DK17b, Jas16, Jas19, RAB15]. **-th-Quantile** [Pao10]. **-tuple** [LB16]. **-Type** [JZTN17, BQC17, HHC16, YYS19]. **-Value**

[BC13, Fel10, GF17, ZXM16, CM16c]. **-Valued** [FZ10b, SSA10]. **-Values** [FBS10, HXL13, LN13a, BL15, ZXW16, CFA17]. **-Variance-Component** [Are14]. **-Weak** [HS14]. **-Wright** [Cah12].

**/1** [KC19b, ZXM16]. **/1/** [KC19a]. **/M/1** [Ye19]. **/R/1** [PBC17].

**1** [BL19, CM13a, PBC17, SLOT17, SA19b, SRK11, SU14, SK16e, XZD10, YL18c, Ye19, YFV19, ZG19a, ZXM16].

**2002/03** [AZN15]. **2022** [AE23c]. **2072** [AE23a]. **2404** [GK19a]. **2828** [Mül12]. **2859** [NN15].

**35** [MBS17].

**4095** [Ano23]. **41** [GK19a]. **4240** [AE23b]. **43** [SG17d]. **44** [Ano23, AE23b]. **45** [AE23c]. **46** [AE23d]. **47** [AE23a]. **4755** [AE23d]. **4th** [MSD19].

**=** [IBA18].

**Aalen** [sSW18, She16]. **AANA** [XDWC18]. **Aberration** [Bis12, BDM13, HLL15, Wan10a, EIM18, Fon17, LWWW16, ZL16e]. **abilities** [VV17]. **abnormality** [SI17]. **Abrupt** [WK13, BKR19]. **absence** [YAA+17]. **Absolute** [Chr10, Tsi14, VSS12, WLW15, WSlT15, ÇE17a, ZZL16]. **absolutely** [Gen17]. **absorbing** [HL18b]. **Abstract** [FP12]. **Accelerate** [sK11, Ko14c]. **Accelerated** [BLN13, hFmH14, JMEM14, Ko14a, Ko15b, RM14, TGXX12, UM09, WS11, WXPS12, XFC11, XF12, ZS15, CSY19, DE17a, DW19, Ko16a, LLD17, LSCW17, XK18]. **Acceptability** [KLS12]. **Acceptance** [AYC+12, Gov11, GB15, NN13, WT18, ANJ17, KAJH18, NS18, WAJ17]. **Accident** [MKS15]. **Accordance** [Aca15]. **Accumulated** [SMS14]. **Accumulation** [Pul13]. **Accuracy** [LH14b, BPV19]. **accurate** [Cos18]. **Acoustic** [GGL14]. **Across** [LCG12]. **activation** [MOC16, SBLC17]. **Active** [CS11, YL18a, YL18d]. **actuarial** [Hon17, JZ16, OL19b]. **Acute** [HS15c]. **ad** [Hu16]. **Adapted** [YC12]. **Adaptive** [AC11, AAP11, BD11a, BM15, CSC17, CDS19, EM13, GLZW12, GFS16, GMP11, HH15, JS13, KNHM17, Lee13, LW13b, MZ10a, NAD15, PS18, RZ13, WS11, YS19, ZK15a, ZY19, ZX16, ZLWZ10, AN17d, BSL+19, Bak17, BAKZ18, BS19, Haq18, HJC17, KM19a, LSCW17, Mah17, MMT17, OOT19, OTA17, ÖK17, QKCH19, SB17, SFSH16, WWZC18, WH16b, ZX18, ZXW16, ZGK17, ZWZwZ17, CCY17]. **Adaptive-Cox** [CSC17]. **Adding** [AW10]. **addition** [IBA18]. **additional** [CHM16, MT16]. **Additive** [BJVV15, BD17a, CZ15c, FDL17, GP12, GL10b, LR14, LCO14, Li13a, Lim11, LSZ13, LLQ13, Mat14, Oli13, PBY+14, PYB+15, She15a, SSM12, WCL10, WK12, WTZS15, WJH15, Yu10, ZZS13, Ai17, AS18, ÁF16, BJVV17, BM16,

BCL16, CY17b, Fan18, FC18b, HP17b, HZW17, HAZ16, KN18a, LXL17, Nak19, Pop16, She16, ST16e, WHC16, YZP17, ZF17, ZZ18c]. **Additive-Multiplicative** [Yu10]. **Additivity** [BF10]. **adept** [TS17a]. **adept-stratified** [TS17a]. **adjacent** [DM18]. **Adjusted** [DLP15, GK11, LLC10, ML12, MF14, PDS09, Ree12, RPJ15, SSS17c, WHC16, YZ17a, ZLF14, KOFA18, LLF19, SA17c, Wan17a, WF17, dAdLA18]. **Adjusting** [FBS10]. **Adjustment** [Oga15]. **Administrative** [CGL13]. **Admissibilities** [TOT15, KT17a]. **Admissibility** [HX11, Sen16a, Tak10b, TT10, Tan10b]. **Admissible** [Bay16, LR10b, Mah12b, Sen16b, Sen18b, ZFL13, CS16a, CX17, CH19a]. **Admixture** [MS10a]. **Advances** [CS11, Edi10b, HH15]. **AEPD** [GT15]. **Aeppli** [Min10, MB14]. **Affiliation** [LD18b, ZQQY17, LQHZ18, LQW19]. **Affine** [YDC15, WSW16]. **AFT** [GSA14]. **AFT-Generalized** [GSA14]. **After** [JHP10, QNP12, RPH17, Wu16d]. **Against** [BC13, Bis12, BDM13, DJ15, DLL13, PS13, Sur12, BDM15, CK17b, Gau17, Hot16, Man17a, Mer16, PMA14]. **Age** [BR13, CSC13, Che14, CC10d, SCC10, SCC11, CC19, ZW17c, ZMN17]. **Age-dependent** [CSC13, CC19]. **age-replacement** [ZW17c]. **ageing** [HN16, NHAMG17, SR18, YYL17]. **ages** [JZ16]. **Aggregate** [HQW15, BNB18, FL17, FL18b, GWZ17, GWP19, LG16b, LYG17, LSL19, YS16]. **Aggregated** [XYH12, CS18, LW17b]. **Aggregation** [Hou12, CY17a]. **Aging** [IRAB13, KRB13, LL17a, MP10b, RAP13, TK14, AAE$^+$19, FPPRG16, SBLC17, SI19]. **agnostic** [LDL18]. **Agreement** [Aca15, FGTS12]. **Ahead** [GB12]. **AIC** [KYS13]. **Aids** [ASMZ14, SG10c]. **AIR** [MSS14a, LVBS10]. **Ait** [JZ17b]. **Akahira** [AK10, Edi10b]. **Akaike** [KS12b]. **al** [GK19a, LF17]. **al.** [ST17b]. **Alert** [DJ15]. **Algebraic** [GFR12, ZB12b]. **Algorithm** [Afs13, AW10, BZAZ15, Cha14, CL10b, DL11, GDS$^+$14, HK11, NF11b, NF11a, SBL13, SLL14, SG11, TTZ14b, Zho10, AD17b, AD16, AD17c, BTC16, CSM16, DTT$^+$16, zF16, LZ18, OOT19, OTA17, PC16b, RD16, SW19a, Van17, WYG17, XZD19]. **Algorithms** [SMS14, GFS16, SA17b]. **Aljarrah** [Ano23]. **all-or-none** [GZ16]. **ALLHAT** [LZY$^+$17]. **Allocate** [sK12a, Ko14a]. **Allocating** [ZL15, sK16c]. **Allocation** [BD11a, CZZZ18, Hou12, HW14, LYH11, LWZ13, YLL19, BS19, CBSN16, HN17a, KAR16, LL17b, SB17, SCYR17, SCYR19, SH17b, TS17a, TS17d, WW17b, YL18a]. **allocations** [YLS17]. **allometric** [Sch17]. **allometry** [NAAC16]. **allowing** [Bar19]. **Almost** [BR17, BR11, LYX11, Li13b, Wu17c, XY11a, XM14, Yan18, YZG17, Zan17, ZZ15, AR17b, Cha18, CW19a, HWY17, Li18, LYX18, LPH16, LY16c, LO17, MGN16, MX19, NHV17, SS17b, zWDD19, Wu16b, Wu17d, WAA18, XTL$^+$17, Zha16b]. **ALNQD** [Ko17b]. **Alpha** [Gui15, Jon18, KG14b, MFBG13, NAMAK17, LARS19, LAF17, MFPG16, SSB17a, Uya17]. **Alpha-power** [MFBG13]. **alpha-skew-normal** [LAF17, SSB17a]. **Alpha-stable** [KG14b, Uya17]. **Alternative** [Arn11, PS13, Par13b, RL11a, SA15b, Sur12, ZWLI13, AG17, AE23a, Bic18, BH17c, ÇE17a, DGMC17, FK16, GMMA19, GN16, GH18, GHBM18, GG16a,

Has19, Hut19, Kvå17, Kvå18, NRI17, OL19a, Vis18, WCZP16]. **Alternatives** [BC13, DLL13, PMA14, Sto11, Gau17, GMH16]. **Altman** [Aca15]. **Always** [LJ10]. **ambiguity** [Mal17]. **amended** [AAL17]. **American** [LS16b, SL16]. **Among** [Con12, OQL12, BAR16, Ima18, PF19, ZXSZ18]. **Amoroso** [IK18]. **Amount** [MP12, PM12, PL12, LYG17]. **amounts** [BNB18]. **Ampère** [Sel17a]. **ANA** [YJS19]. **Analog** [NAB12, KV17]. **analogs** [DW18, DO19]. **Analogue** [MXD13]. **analogues** [Rao18]. **analyses** [Gro18, PG16]. **Analysis** [AT15, AK14a, ASAK10, AGVGP$^+$11, BDS11, BL15, BIJ17, Ber12, BYDM15, Bru10, CSL17, Chi09, Chi12a, CDG12, Cra14, DBC14, DC14, DS09, DSO12, Den13, DM10, Eid12, FMS15, Fu12a, GT15, GVGP11, GW18, Haj19, HS15a, HD13b, HYK15a, Hu11b, HS13b, HLX14, HS12b, JFS14, JZQ15, KHM12, KMC10, KC19a, KS10a, Kaz11, KY16, Kem11, Ko10b, sK11, Ko14b, KVV11, Koz12, LMCH12, LP10, LSD10, LMC18, Liu11a, MSSU14, MN15, MS10e, NKS15, NRS$^+$14, Oga11, OFS13, PBY$^+$14, PYB$^+$15, QZY12, RSV10, RGL12, Roy16, RVP15, SCSMN11, She10b, SWW$^+$12, SK12d, SS12d, SSM12, SZD12, TSG19, Tsi10, Tsi14, TB13, UM09, VBAR15, Vas14a, WP11, WZY14, WTZS15, WST10, WILL13, WYL12, XLPL12, XLL15a, XT11, XT12, YS12, YC14, YY14, YL18c, YW13, YD14, ZG19a, ZHLZ14, ZWZZ15, ZSY13, ZS15, ZZSP14, AGS18]. **analysis** [Alv16, dCA19, BSL$^+$19, BP17, BH17b, BCB19, BK17b, CYF$^+$18, CR16, CK17b, CS16c, Che18, CLC$^+$14, CH19b, CTAL17, CM17, D'A17a, DAC17, DMM16, DGMC17, Ery16a, FZ17b, FZ18, FK16, FN18, FA19, FKR16, FTF17, HL18a, HWZ19, IKH19, JX19, JKL19, KAT18, KP19, KYW16, KA17, KDG$^+$18, KS18a, KN17b, LW17a, LSCW17, LDL18, LWH19, Man18, ML19, Maz19, MSD19, MLD17, NS16b, OU16, Pel17, PLDS17, QC19, QCK19, RAM16, RTT17, SS16a, SK18a, SF16, SR17, Sha18c, She17, She18b, SLSC18, SUS19, Tat16, VN17, Vas16, WXS18, WH18, WSS17, YHS17, Yam18b, YL17, Ye19, YM17, YYLM18, ZJLO17, ZX18, ZCC16]. **Analysis-of-variance-type** [JZQ15]. **Analytic** [OQ17, PAvS$^+$19]. **Analytical** [CMN$^+$18, OL19b, ZZ19c]. **analytically** [Cos18]. **analytics** [RBK$^+$19]. **Analyzing** [Afs13, BG11a, Coo12, EM18, Gui15, HX14, Ju15, KH19, SG16b]. **Anbar** [SR11]. **ANCOVA** [SAJ13]. **Andersen** [FWZ$^+$17b, HJ14]. **Anderson** [Lie16]. **Angular** [SO14b]. **Annuities** [QWZ14, YSK15, QWWW19]. **Anomalies** [MN15]. **ANOVA** [HAP17, Hot16, Jeo12, MGG$^+$17, SAJMF12, WZ16, WK19]. **Answer** [BBP14]. **Any** [Ell11, KK14, DZH$^+$19, Pro18, TH17]. **APND** [SAB18]. **appearances** [Kon16]. **Application** [AJGG14, BCG11, BEKL13, Bru10, CLC$^+$14, CDZ14, DS09, Far12, Fu12a, GJ15, GL19, GL15b, Gue10, Hou12, Hu11a, HS13b, KO10a, Kim12, KT17b, Lef10, LVBS10, LSD10, LS11, MKS15, Mae10, MA11, Mea15, NAMD14, Oga11, OJR15, ÖD10, PP12, PKM17, RPY$^+$13, Raz14, Sei13, SU11, SDJ15, SG10c, SS10b, Smi19, SR11, TWH10, TV11, Tsi10, VT15, VLD15, VBATK11, WS12a, Wee12, Xu10, AXLJ17, AJT16, ANS17, BKM18, BAF19, BKGD17, BBS16, CR16, DTT$^+$16, DA17b, Ery16b, FFN$^+$19, HF19, JN18,

JPAB17, JCN17, Jon18, KD16a, KCY+19, KN16a, LGLX18, LS16b, MK17, ML19, Mar16, MST19, NC18a, PT16, RLSL19, RMN16, Sel17a, TSG19, TME19, TE18b, WHYW18, XY19, ZRL19b, ABTR19]. **Applications** [AFL13, AO12, ABLR15, AGVGP+11, BS12b, CNC14, CL10c, Coo13, CVC+12, DO13, Gia14, GDCOS13, HW11, HWM12, KSDR15, KDK14, KR15, Kur10, LX13, Lop11, MZ11, Min11, Muk11, NCO15, NSV12, OBPL15, PT10, PSS+15, RLL12, SGD11, TT11, Vij11, XY11b, YVCA17, Yan19, YW11b, YMF15, Yar14, Zha15a, ACO+18, AFL19, AABL17, AG16, ARB19, AE23d, BP16, BB19b, dSBCO18, CKS17, CXC19, CLC+16, CARO17, CAPO17, CBOR18, CY16, DYW18, GDGG17, GDDC19, Hon17, INOC17, Jon18, KD16b, KD17b, LPC17, LK19b, Lou19, MAYH17, MML17, MT19, NAMAK17, OMFB17, OL19b, PWLO17, Rah18, RMNA17, RSAN17, SP16a, Sel17b, Sha18b, SC19, SW19b, TCA+16, TCM+16, WWW17, WCW17, WH17a, WER+19, WV16, Yan18, ZMMX17, ZWZ17]. **Applied** [GAK14, MJ15, ST13, SS14a, Bic17, Van16]. **Applying** [Chi09, Cui12, HHC+17, Lu16c]. **Appreciation** [NS15b]. **Approach** [Alm11, AH14, BG11a, BG11c, CKLS11, Chi10, DZ14, DC10a, DMST12, FZ10a, GC14, GHY11, HT10, HC12, IRAB13, JAA11, JHP10, KR14, Ko14a, LW13a, Mån12, MS12a, ÖD10, Pao10, RSV11, SAJ13, SO14a, SW14c, Sim14a, SE13, SR11, SS12d, WP11, WL14, YOD10, YCL14, YC11b, ZZSP14, AE17a, AS19, AAK16, Alv16, BT18a, Bib16, BRAS17, BH17c, BCB19, CO16a, CLZ18, CTAL17, ESAKK18, FSSW17, FPM19, FKNR17, FK16, Fon17, FGL18, GN16, GR18b, GPP19, Hen17, Hot16, JJ19, Kam16, KM19a, KCL+16, Kon16, Mah17, MN17, MN18, Mna17, MSEN18, MGG+17, NSSS17, OU16, OH16, PMF17, PAvS+19, PNPB19, PM17, RSC16, SKK18, SNAN17, SNWL17, SFSH16, WLZ17, WW17b, WF17, YC18, ZXM16, ZY16]. **Approaches** [BM10, BPSV14, DTE13, sK12a, HMT+17]. **Approximate** [BL15, CL10b, FLK12, FA19, KXX11, KZ15, LVVN11, Miy10, SP13, BT18a, ESAKK18, XJW19]. **Approximated** [Hua17a]. **Approximation** [CG11b, Dai15, ES11b, HKR15, KRH12, Lie16, Lim11, RN13, SSC18, SF12b, Sch12, SY14a, SW14b, SI13, Tee10, Tee14, Tsa10, YHS13, YS15a, YLW17, ZSL17, AD16, CN17c, JN19, KNC18, LL17e, aSaCN18, SL16, SN18, TS19, Udo18, YHW17, YZ17b, ZK16, ZZ19c]. **Approximations** [AE13, AAE13, BEZ11, CN15, DK13, EdSMR14, FR10, Gar14, Lin14a, MZ14, RS10, ABES18, CSS16, Miy17, NM19, ZYH18]. **ARA** [CDG12]. **Arbitrary** [FP12, Bar17c]. **ARCH** [CH17, KSDB18, XHL18b, YC18]. **ARCH-M** [XHL18b]. **Archimedean** [LL17a, MKD11, MP10b, RAP13, Wys19]. **arcsin** [Hom17]. **Area** [BAK13, Con10, PC12, Tun15, CS18, CM16d, KWM17, NNvRS17, NVS19]. **Area-Level** [PC12]. **Areas** [Jor13, PMC13]. **Arguments** [ZB12b, Dru17]. **arietinum** [AIIK17]. **ARIMA** [DK17b, Ho16, YC18]. **ARIMA-ARCH** [YC18]. **arises** [Rah18]. **Arising** [LBL+10]. **ARL** [Rav19]. **ARMA** [GS13, AH18b, BB12, El 15, GS15a, NV15, Pan19, TT11, Tun15]. **Array** [HK11, RN13, BM17, Mat18, ZQZY18]. **Arrays** [GFR12, HYK15b, LZH15,

SWLW14, Sun12, WHVH13, CLLW16, Fon17, HL16, MWW18, PYL17, SAB18, SS17b, Wan17f, WW19, WV16, YJS19, fZWD19]. **Arrival** [Kem11, El 19, KY16, NC18a]. **Arrivals** [MGF14, FL18b, FL19, TSOT19, ZG19a]. **Artificial** [ZA14]. **ascent** [Kia17]. **Aspects** [ASB13, FM11, GEA+10, NSP12, KN18a]. **Assays** [Dji10, SB16b]. **Assembly** [MS10b, Mat11]. **Assess** [MS12b, RM15]. **Assessing** [Con10, GB12, KCK10, RS10, SYP13, UPA13a, VRC13, YAA+17, YY16, NKG16, NSR+19, PF19]. **Assessment** [AB13, CD12, FU10, GdC12, Lin14b, LC17, TEF12, BSGS16, CCCT16, FG17, LW18a]. **Assessments** [ZZL12, AP19, LW17a]. **Asset** [LPS11, ST13, BBS16]. **assets** [WQW16]. **assignable** [PMKF17, SMSF19]. **Assignment** [SW14a]. **Assignments** [OQL12]. **Associate** [SG18b]. **Associated** [AT19, Bos15, GZSS14, LWY10, LQ13, LW14, LW15, QL11a, SD14, VEKH15, XY09, XY10, dXcY12, XY14, XM14, AOÖ17, AD16, AD17c, Car19, FST16, GT17, HA18, Ko16c, Ko18, LQ17a, Men19, NHV17, PFD19, PL17, SG18a, SG16d, SS17b, SYW16, WP18, Wu17c, XTL+17]. **Association** [APM10, CVC+12, KG14b, Li13b, YL15, Coo19, HSW17, Kvå17, Kvå18, LYR+18, PCL16, WH16c]. **assumed** [XMP17]. **Assumption** [BDM15, HYK15a, KK14]. **assumptions** [LLM16]. **assuring** [BJU18]. **Asymmetric** [ADP10, CGW15, Han15, Ko13, MSS14a, OPSGB12, Tak10b, Web12, WH16c, Zha13, AO18c, BQC17, BMFS18, HWH18, KM16a, KOA16, LGLX18, MS17a, PV16, RWY16, SB16b, XQ17b, You17]. **Asymmetrical** [LZH15]. **asymmetry** [FPZ16]. **Asymptotic** [AS19, Afs13, AEHQ17, AKK09, AAK16, BS12a, BNE15, BCH15, BS15, BL13, BD17b, BG16b, CC10a, CD17, CM12, DDD17, ES11a, EdSMR14, FJ11, Fat13, FF19, Fu11a, FLY16, FL19, GLZW12, GFA10, GMS18, GW15b, HN14, HS15d, HGZG15, HYS17, IS11, JYX16, JXW17, KAW+18, KKS18, KS18b, LH11a, Lem14, Li17c, Lia11, Lin19, Liu11b, LN13b, LS12, Lu14, LS15b, Lu15, LQHZ18, LQW19, MFS12, MCX10, Miy10, NY11, Oga11, Oga15, Oga19, PZ15, Par12, Rah18, SY11, SY10, SNWL17, She18a, SS16b, SP13, Su17b, Tak10b, TK13, TW14, TN15, WCL11, WLF11, XWJ10, XJW19, XX18, XHL18a, XZA18, Xu10, YHS13, Yan12, YWS14, YMF15, YWL17, YDL14, ZLN11, ZL12, ZY13, ZC17a, ZDW17, AHKO16, AO17a, ABK17, AK19, AABL17, CMN+18, CZ19b, GWP19, HZS17, KKKÖ17, KSBN17, KTBN17]. **asymptotic** [KSDB18, KVR17, KH18, Li16, LG16b, Lu16b, LQYZ17, Sch16, Sel17b, SNW19, SYW16, SY17c, SA19a, TY17, Tch19, WdX17, YHW17, ZZ17d]. **asymptotical** [WCW17]. **Asymptotically** [ABC12, Kor11, Mar15, VEKH15, YD14, Ko18, LG16b, NHV17, SS17b, Sze17, XTL+17]. **Asymptotics** [DA16, EZ14, GF17, HJ14, HL15, Li14a, Lii17, LM14, Tak14, Tan18, Wan13a, WLY14b, Yan15, YA10, BSW15, CWW16, GCW19, LGG16, LSL19, TN19]. **Attainability** [Raq10]. **attenuation** [Bur17]. **Attraction** [RP15, Gra17, Sch16]. **Attribute** [AGR15, SHANA18, SK15b, JBA18,

KM19a, LHS19, ST17b, SSSK18, SSS19b, TS17b]. **Attributes** [BQDH12, LC15, BMQ16, UB17]. **AUC** [ZZ19a]. **Auge** [GEA+10]. **augmentation** [Kia17]. **Augmented** [AAG12a, AAG12b, dBCR15, DT12, LOHW19, RAAJ17]. **Augmenting** [RSV11]. **Australia** [BHKHM13]. **Australian** [HB17a, HB17b]. **auto** [KM19b]. **auto-covariance** [KM19b]. **Autocorrelated** [Alk10, AMH14, NKS15, ÖA15, HJT19, MATC18, MB17a]. **Autocorrelation** [LIPMF13, SN14, FJS+18, Lu16c, Sun17b, WT18]. **Autocorrelations** [Sim12, BBC18]. **Autocovariance** [GS15a]. **Automated** [GDS+14]. **Automatic** [YSC17a]. **automorphic** [LYX18]. **Autonomous** [Fan15]. **Autopersistence** [Hud14]. **Autoregression** [MT12, SG15, Are16, HCW18, ZL18]. **Autoregressions** [BCH12, Cav17]. **Autoregressive** [AR13, AT09, BH12, BM11, CCL14, CTQ11, CG11b, CSF12, DP13b, Fat13, GSB12, GB12, HL15, JRM10a, JP13, JT11, Kac14, Li14a, LH11c, LR10c, Mia11, MXD13, MSP12, PSP12, Raï15, RON12, RZ13, RNB12, SC10, SA15a, SSS14a, SP11a, WW13a, WW15a, XLPL12, XLL15a, hYhW14, ZY10, ZWZ11, ZW11, ZWPZ15, ZZC13, ZB12b, BP16, BPS16a, Bib16, BBS16, BCK17, Che16d, DA16, GDPR17, HZS17, HL18a, HS18b, JDSS16, KM18, KM19b, KLKK17, LPC17, MSL17, MR16b, NRP16, Pro18, SN17, VN17, YW17a, YWLZ17, ZDZ17, ZWP17, ZWPB17, ZL16g]. **Auxiliary** [ARD14, AC15, DM11, Gro10, GSSCR12, GS15c, LY11b, MS15, QL11a, SK13a, SS15a, SV10, SS13b, SS13d, SS13e, SSS14b, SST14, SS14b, SS15b, TSS15, WCGZ12, XLL15b, YUSC14a, AHH16, ASeMJ17, FDL17, GK19a, HKH17, Haq18, KJ17, MSK17, Ozg19b, RK19, SG17a, SG17b, Sha18a, SLF18, SHM16, SP16d, SSS17b, SP17b, SKM17, SSS18, SS16g, SS16i, YAA+17, YSG17]. **Availability** [QC19, QCK19]. **Available** [SS15a, SMK17]. **Average** [CTQ11, Cox15, ER11, Hua14a, HWM12, Lim11, MZ10a, Men10b, Men13a, MS10c, MS14c, OP11, PSP12, SA12, SJS15, SL13, SHH13, SP11a, Sun11, TKW12, WW15a, XLPL12, pZ13, AP17, AAJ16, Das17a, DTWW17, GFM17, GR18a, Ko17b, KPZ16, Lu18, NO18, NP17b, OPK18, RSA19, STD18, Sun17c, WT18, WN16b, XN19, YYS19, YKL+17]. **average-** [YKL+17]. **averaged** [KWM17, LCZA17a]. **Averages** [HWM12, ZLZ15, BP18b, Roo17, ZSL17, ZZ17d]. **Averaging** [DZX13, Fat13, LN13a, Liu19, WZ13, AJ18b, AIIK17, Bic18, CSC17, FG17, HN17b, ZCHR19]. **Axis** [MF10, Gey18]. **axis-parallel** [Gey18].

**B** [AE23d, SG17d, JHM19, KN17b, LWD+18]. **B-spline** [JHM19, LWD+18]. **B-splines** [KN17b]. **Back** [RBK+19]. **Background** [CXS11]. **backtesting** [ZN18]. **Backtracking** [YW13]. **Backup** [Lin14b]. **Backup-routing** [Lin14b]. **Backward** [NY11, CJ17, LW18b]. **Bagging** [KLS10]. **Bahadur** [CLX14, XY19]. **Baker** [BB14b]. **Balakrishnan** [NCO15, AEN16, CB16, SG18a, SD14, TN16]. **Balance** [CG12, CG14a, Gra12, KS12a]. **Balanced** [AJV11, AA11a, AIA14, BA10,

CL14, CS14a, FM12, GHY11, HYK15b, ITG09, MGP17, MGM13, NS15b, Par13b, QLZ14, VJV14, VB13, YH11, ZAV14, ASR+19, BP17, BAT+18, CS16a, CX17, CH19a, HH16, HLY16, Kha19a, Kha19b, KHY17, MPG16, MD17a, NNZA16, ÖK17, PY16a, RAST18, RRRA18, Su17b, VV17]. **Balancing** [KDGV16, OH19]. **balking** [KS18a]. **Ballot** [NIN17]. **balls** [NA18]. **Banach** [STD18]. **Band** [HKLW12, SLSY14]. **Bands** [AKL15, Zha14, Ker17, Lin16, Son16]. **Bandwidth** [CT13, HKV12, ALR19, BAKZ18, KH16, Pak17, Ten17]. **Bandwidths** [MFS12, DS16b, DS17e]. **Banerjee** [HME17, PKM17, PMKF17, PM18, PMFK18, RMM17]. **Bar** [CY10, LJ10, NGT13, YWLY11]. **Barnard** [AA11b, AASRZE17]. **barrier** [FNM19, hXZ17, XDW19, ZZ19c]. **Barriers** [CCH+10]. **Barroso** [MBS17]. **Bartlett** [Wan17a, ZJC10]. **Bartlett-corrected** [Wan17a]. **Based** [Afe13, ADP10, AC11, AH13, AK13, AF10, AALS12, BTK10, BS12c, Bar10, BR12, BT13, BB14b, BAT15, Ben14, Bic12, Bur09, CYE15, Cey11, CT13, CB14, CW14, CS15a, CS15b, CF13, CS14b, CB10, CB12, CM13a, CS11, CL15c, CDZ14, CD12, CVC+12, DC10a, sDsWcCjK14, EDAAS12, EWRZ14, FNDM12, Fon14, GMN13, GC12, GB12, GK11, GG10b, HME12, HC12, HS12a, HCS10, HWM12, JCY10, JC12, JHP10, JO10, KRH12, KC12, KS15a, Kha12, KS14b, KRB12, KJD+15, Kvå15, LMCH12, LWL13, LWY10, LPLW13, Li14b, Mån12, MP14, MGAf14, Men10a, Men10b, Men13a, MKD11, MN15, Nas12, NN13, NKS15, OM13, PS12, PMC13, RR09, RMC11, Sag15, Sal15, SBR14, SG10c, Sha10b, Shi10, SK15a, SW14c, Ste11, SYP13, SZ13, SL15, TTZ14b, Tor12]. **Based** [cTtL14, VML+10, VLD15, VB12, WWL13, WLY14a, WQ14, WWT15, WH15a, WLW15, XLL13, YXG11, YSR11, YDC15, ZLZ15, ZXD10, ZSY13, ZHL15, AO18a, AM17a, Aga17a, AMP17, AR17b, AHAH17, AEHQ17, ABK17, AAO17, AHP19, AH14, AB19, AAJ16, BAL18b, Bal18a, BBC18, BK18, Bar17c, BH17a, BT18a, BAB+18, BSGS16, BMR17, BT16, Bic17, BRY17, Bow17, BAW19, CZCM19, Çel19, CB17, CCCT16, CM19, CCN17, CCM19, DWW18, DZH+19, DW19, EIM18, EDKAEN17, EP17, FGP16, FY17a, FPM19, FPPRG16, FGGL18, Fon17, GN17, GL19, GFM17, GF17, GFL19, GX18, GK19c, HP16, HB17a, HP17a, HB17b, HP17b, HBMAO16a, HKH17, HW18a, HA17, Hom17, HZ18a, HJC17, HZ18b, Huh16, HBAJ17, HN17b, IES+17, JJ19, JBA18, KKS19, Kay16, Kay18, KM16b, KLJP16, KQ17, KL17a, KDG+18, KL17b]. **based** [Kum17, KDN17, LK17c, LK17b, LHS19, LLHZ16, LB16, LX17, LLLL18, LPDD18, Li19, LPDD19, LTZ19, LC17, LLWK18, LWD+18, LAW+19, Lu18, LQ19, MFJ17, MC18, MM17, ML19, MBV17, MS17b, MST19, Men13b, MAA17, MRA16, MHF16, MR17, NLRD17, NC18a, NB16, NP17a, NS17, NS18, NRS+14, Nou17, OPK18, OH19, Ozg19b, ÖGGB16, PSF16, PB17, PK18, Qom17, QK17, RBK+19, RAA17, RAM16, RTT17, Sab19, SYC19, SCYR17, SCYR19, SDS17, SS17a, Sha17, SBA17, SV17, Sha19, SA16, Sha16, SC19, She16, SI17, SSS17a, Sre18, Sun17b, Sun17a, SR18, TS17f, Tsi15, UB17, UU17, Wan16b, Wan16c, WZX17, WT18, WXS18, WGW19, WGG+19,

WYMZ17, Wie18, WBGS19, WCK16, WZZ17, Wu18a, Wu18b, XQS19, XX18, YC18, YLG16a, YSG17, YCAJ18, YYLM18, You17, ZBA17, ZLT17, ZT17, ZBTL17, ZX18, ZWPZ15, ZL16c]. **based** [ZCCW18, ZH16, ZDS16]. **Baseline** [HS15c, HD15, TWH10, FK19, HP17a, PBL19]. **Basis** [FG11, KK11a, YS15a]. **Basket** [GDW18]. **Bassett** [IS11]. **Batch** [Kem11, Par13a, KY16, TSOT19]. **Batch-Oriented** [Par13a]. **Bathtub** [CZ15a, SK15a, AE17c, JC18, MKSS17, NSR17, NB17, SSSM16]. **Bathtub-shaped** [SK15a, AE17c, JC18, MKSS17, NSR17]. **batting** [Das17a]. **Bayes** [AB09, AB17, Ahm16, ADP10, AHAH17, BA10, BG19b, Bic17, Bic19, CL10a, Che11, CW13, CLC+14, Che17a, CBM14, EP11, GMR16, GKP16, HK15, HASA10, JMEM14, JSC17, LQ17a, Mar15, MT16, PJ10, QLZ14, SA19b, SUS19, UM09, WS14, WW17a, YW17b, ZK13a, Zha17d, ZXSZ18, ZRL19a, Zin18]. **Bayesian** [ANJ17, AM17b, AXLJ17, Ami18, AD19, ADO13, Aoy10, ASNT15, AdBPdBP18, AIIK17, AGVGP+11, Ayk19, BS12c, BQC17, BD16b, BN18b, BAKZ18, Bic18, BH17c, CYF+18, CO16a, CG14b, CS14a, CS16c, Che10a, Che18, CM16c, CTAL17, Con10, CDG12, DS09, Das16a, DP10a, DE17b, DMST12, DPS11, DPS12, DR17, DGMC17, EDAAS12, EDKAEN17, Far11, FM10a, FA19, FG17, GT15, GC14, GN17, GVGP11, GPP19, Gun16, Gun17, Han11, Han12a, Han17, Han19, HS15b, HD17, He17, IP12, JN18, JHP10, JSC17, JC18, KHM12, KP19, KS15a, KR14, KQ17, KLKK17, KvdVvZ13, Kos14, LKK17, LGY17, LS15a, LS17a, LSC13, LWHB16, MSSU14, MN17, MV13, MA18, MS12a, MLD17, MAA17, Miy17, ML13, MS10e, Mur13, Mur16a, NN11b, NS18, Ng12, ÖD10, PG18, PNPB19, Qom17]. **Bayesian** [RSV10, RvdM14, RGL12, RM15, RM14, SB17, SG16b, Sco11, SB12, SK17, SK18a, SA12, SA15a, Sha17, SBA17, Sha19, SR17, Sha18c, ST13, SCC11, SUKK19, Sil18, SJ10, Slj17, ST18, SK12d, SS12d, SA14, SSH10, SK10b, SBLC17, TLT17, Tsa10, Tsi10, Tsi14, VN17, VBAR15, WLC11, WW15a, WNL18, WLS18, Wei14, WILL13, XLPL12, XLL15a, Xin15, XQ17b, XZ16, XT11, XT12, YOD10, YCL14, YW17a, YJSL19, Yao12, YA17, YM17, YC11b, YCL17, You17, YD14, ZY14, ZJLO17, ZHW17, ZLT17, vZvdM17, vZvdM19]. **BDR** [ÇE17a]. **be** [PT16, Tan10a]. **BeadArray** [CXS11]. **Beanplot** [JTR15]. **before** [Hot16]. **Behavior** [BS12a, FZ10b, FZ10c, LPN14, LS12, MSW13, Par12, Sal15, TW14, BG16b, CY17a, FL17, HZS17, HC16b, KVR17, Li16, LG16b, Roo17, SA19a, SA17c, VFP17b, ZC17a]. **Behavioral** [DS09, PAvS+19]. **Behaviors** [GFA10, MLGZ14]. **behaviour** [KAW+18]. **Behnken** [AAG12b, RAAJ17]. **Behrens** [SP11b]. **Beliefs** [GGFL11]. **Ben** [PM18]. **Benefits** [Pel17]. **Benford** [Bal15]. **Bennett** [Zhe18]. **Berkson** [WF17, WCF18]. **Berkson-type** [WF17, WCF18]. **Bernoulli** [AD10, DDGM13, HF19, HP14, Ili16, JX19, NBS13, NRI17, PHH18, SO17, Tee14, ZZ17a, Zör14]. **Bernoulli-schedule-controlled** [JX19]. **Bernstein** [Kre18]. **Berry** [Hui10, LPLW13, LLM16, MXD13, Sze17, TN13, TCN15, WWH15a, YWH14, ZL16b]. **Bessel** [GW18]. **Best** [BDKM12, CHP14, GGS13, HBMAO16a, jK15, LWR11, SU14, YCL14, HBM16, Len17, WHZ17].

**best-** [Len17]. **Beta** [BSCS11, BREA11, DC13, Duf10, GN12, HSMK13b, JBH12, LH14a, MM13, NABA15, PBS12, RCC12, SGD11, TWH10, TK14, VMVD14, Wil09, Zin12, CM18, KKKÖ17, MBS+19, NAN17a, OHKK17, SS19, SG16e, TSG19, ZWZ17]. **Beta-** [TK14]. **Beta-Binomial** [TWH10]. **Beta-Dagum** [DC13]. **Beta-Exponential** [NABA15]. **Beta-Poisson** [LH14a]. **Better** [LJ10, LMM15, BAW19, Ram17, YSD+16]. **Between** [Aca15, APM10, Atk12, DK09, DI10, HN14, Kit15, KLM10, KZ15, Mah12a, MCY14, MCX10, MS11c, Qum12, Tia12, Tun15, Vij11, VB13, Yu12, ZC11, AdBPdBP18, BN18a, BBHN18, BBG18, FLK12, HNB19, Ima17, LSY17, MMN16, MHA19, Nag18, OQ17, SH17b, Sil18, Sin16, SA19b, SN14, SR11, Tri17, WT18, WH16c, XHH17, YF17, ZMV+17]. **BFGS** [YW13]. **Bhattacharyya** [HK15]. **Bhattacharyya-Type** [HK15]. **bi** [LQYZ17]. **bi-degree** [LQYZ17]. **Biadditive** [BF10]. **Bias** [BGG11, BG19b, Chi11, Gil12, GFG13, GFG16, God16, GMP11, KYS13, KNH17, LG14, Liu11a, Oga15, Roo18, SG16c, SHHH09, XY11a, Bie16, EAE18, HJW19, IK18, KNC18, MF19]. **Bias-Corrected** [KYS13, GFG16, EAE18]. **Bias-reduced** [SG16c, IK18]. **Biased** [CS15a, CS15b, CS14b, ET13, Ahm16, ARJF19, CCN17, CLZ19, Fak15, FZ17a, GK19c, JRF17, KL17b, KA18, MZ17, PB18, ZZ18a]. **Biases** [MF19, Oga19]. **biasing** [ANA17, KA18]. **BIC** [ZX18, ZP17]. **bidimensional** [Bib16, FL19, Li17b]. **bifurcating** [Dan18]. **big** [RBK+19]. **Bilateral** [Kim11, LD14]. **BILINEAR** [BG18, BB17a, BG19c, LGY17]. **bilinear-** [BG19c]. **Bimatrix** [BREA11, GN12, NAN17a]. **Bimodal** [AT17, BMFS18, Cah15, HEB16, OMFB17, dSBCO18]. **BINAR** [JKS18]. **Binary** [BBB10, BCCR18, Dem14, Fed14, KL10, KZW09, Lu10, Lu11, MP15, SRT14, VML+10, VMVD14, Wit14, YS15a, YC14, AO18b, AEA17, CS16b, Den17, Gen19, HH16, LC17, LCZA17a, LWZ17, MA18, OD19, PP17, SB17, TR16a, TH17, ZY17b]. **Bingham** [Tsi18]. **BINMA** [KJS19]. **Binned** [sDsWcCjK14]. **Binning** [MS10b]. **Binomial** [AMV15, AO12, CHM16, DZ15, FWH+15, GRV15, Han12a, IO13, Imo15, KXX11, KZ15, MO14a, OCIS12, PD10, RNB12, SCMR15, SG14, SSON11, TWH10, Tee12, WCGZ12, XYH12, YHA10b, YCL17, Zör14, AJ18a, CRTdC17, CO16b, CG16, CG17, CCOB16, CW19c, DDD17, Gen19, INOC17, JM16, NC18b, Oga16, SG16b, TMZ+17, Xio16, ZRL19b]. **Binomial-Poisson** [CHM16]. **binormality** [WNL18]. **bioassays** [Che16a]. **Biological** [Pap13]. **Biomarker** [sK11, Ko14c, LK14]. **Biomarkers** [Ko10b, Ko12, Ko14b, Ko16a]. **Biparametric** [CTAL17]. **Bipartite** [AJV11]. **Bird** [LS16b, El 17]. **Birnbaum** [CLC+16, AALS12, CCOB16, Kam14, KLJP16, LF10, MFFMA17, OMFB17, UM09, ZHZA18]. **Birnbaum-Saunders** [CLC+16, ZHZA18]. **Birth** [Ano13b, MS10d, BER16a, DP18, KD16c, OAOQ16]. **birth-immigration** [DP18]. **births** [DP18]. **Biting** [Far12]. **Bivariate** [AT11, AAO17, AH17a, BG11a, BCS10, BB14b, BCK15, CSC13, CJ19, DMS14, Dem14, DC10b,

DAL12, Dom11, DJ10, DS14, FI17, FNDM12, FV11, Fer14, GN15, HD13a, HS15a, HS15b, IAA15, JBH12, JRM10a, KP13, KK17b, KK18, LD13, LSC13, MFSAS10, Mey13, MKD11, MB14, Mod12, MP10b, NH15a, NSL14, PKJ14, PJL13, PJ14, RR09, RR13, RR14, SG14, SO14a, SDJ15, Sha10a, She14a, She10a, sS12b, She13, TV11, TEF12, VRB13, VEKH15, XFC11, YSHL11, dCOSW13, Ala17, AGA17b, AG17, Bar19, BAF19, BCK17, CSL17, Ery17, FF19, GAS17, Gen17, GDGG17, Gup16, HV17, HB16, HL17, IAB16, JCN17, Jon16, Key16, KLJP16, KG18b, KN19, LAF17, MFJ17, MDA16, NRP16, NA18, PG18, Quo17, RPH17, SS19, SX18, She18b, SLSE19, SM16, Sre18]. **bivariate** [SI19, TSG19, TS17e, VT17, YYL17, ZYH18]. **Blackwood** [HOK17]. **Bland** [Aca15]. **blank** [BSH17]. **Blest** [RPJ15]. **Blind** [Ben19]. **blinded** [ST18]. **BLINEX** [CBM14]. **Block** [AJV11, BJVV15, Bis12, CL14, CM13b, DP14, DDM10, FM14, GCR12, GN10, Hu11a, HS14, Igl13, Ju15, KLS12, LX10b, Man17a, PPMD19, Pes17, QL18, Shi10, TIA11, BJVV17, FM17, IBA18, Kha19a, Kha19b, MGP17, Man17b, RMN16, Ros19, SMN18, ST16b, SB16b, SM18, ZS17a, ZZ18e, ZZ19e]. **Block-Block** [Igl13]. **Block-Scalar** [CM13b]. **block-sum** [Kha19a]. **Block-Thresholded** [LX10b]. **Blocked** [CJ15, Jac11, Pre11, WW13b, BO17, JJ16, JKD17, ZL16e]. **Blocks** [AA11a, Hua10, DS17a, HH16, JKD17, MEZ16, Oll17, Wan17c]. **BLUE** [LX13]. **BLUEs** [GPÖ14, HMP12]. **BLUP** [LX13]. **BLUPs** [WL13]. **BMS** [MSB19b]. **Board** [Ano11e, Ano12d, Ano18, Ano17a]. **bond** [KYW16]. **bonds** [XDW19]. **Bonferroni** [WX15]. **Bonferroni-type** [WX15]. **boosting** [ZZ17c]. **Bootstrap** [Bon14, DL11, GMP11, HNV13, Igl13, JP13, JZZZ18, Ju15, MS17a, MG15, Qum12, SAJ13, SP11b, Tat16, TEF12, VV12, WH14, YH19, BRAS17, FLY16, GP16a, Li17a, Pes17, QL18, Xu17b, XT17]. **Bootstrapping** [DW18, DO19, HS14]. **Borel** [TN13]. **Both** [Abd15, DZ15, GN15, RL12, AHEA18, FWLL19, FP17b, Gil14, LL19c, QK17, SKM16a]. **Both-Sided** [GN15]. **Botswana** [AZN15]. **Bottom** [BCCH14]. **Bottom-Up** [BCCH14]. **Bound** [BC13, CEK11, CP14, Hay10, Hui10, LPLW13, LDY15, Lu13a, NR12, OQC14, RN13, Tee12, TN13, Yam12, YWH14, EG18, GR18a, Kus18, LLM16, SN16, SN18, SNS19, TS19, YYS19]. **Boundary** [Lu14, ZB12a, CW19c, Ten18]. **Boundary-Respecting** [ZB12a]. **Bounded** [BCG11, IF18, Par13a, TN10, Tun15, Gen17, TKP17]. **Bounds** [AJ11, Bia17, BCDLA12, CN15, EE11, KO10a, KM15, Kvå15, MFSAS10, Raq10, Ryc11, SASMF13, SB14, Tee10, TCN15, VYZ14, WWH15a, ZZP10, AA19, BAB$^+$18, CN17c, FF16, Gor17, KNC18, Kar17, KR17, OQC17, Raj18, Sun19, ZL16b]. **Bowley** [SSS14b]. **box** [Çel17, AAG12b, GPÖ14, GE11, Hu11b, LH11b, RAAJ17]. **Bradley** [HOK17, Yan16]. **Brain** [WS12b]. **branch** [Dan18]. **Branching** [Li11, MO14b, Rah12, Yar11, Yar13, Yar14, FN18, Fro17b, KD16a, Rah16]. **break** [Sen18a, XP18]. **Breakdown** [MX15, ZLL11, SSY18]. **breakdowns** [JX19, SLOT17, YL18c]. **breaking** [SAD16]. **breaks** [BKR19, HS18b, JZZZ18]. **Breeding** [LS16b]. **Breslow** [LN13b]. **BRICS**

[PLC17]. **Bridge** [HSHW14, WSW11, ZC17b]. **Bridging** [Alv16, KM16b]. **brief** [AH17a]. **Broad** [BCH12]. **Brownian** [Ai17, AS18, CLV14, Dai15, Dai16, HAP17, HW11, Hu17, Kaw13, LL17e, LTC17, LS12, Lu14, LS15b, Lu15, Lu16b, Man11b, MS11b, RS16, SSC18, SY14a, SY14b, SXZ17, Sti17, XML16, Yu19, Zha13, ZZ15, ZLD15, ZLD16, ZC17b]. **BSDEs** [SJ19]. **Building** [PP10, SA14]. **Built** [Bru10]. **Built-in** [Bru10]. **burden** [WER+19]. **Burn** [CF12, CF14]. **Burn-In** [CF12, CF14]. **Burr** [ACO+18, BAT15, GdSC15b, HME17, RAK15, SMSF19, STRD17, WL10, Wat11]. **Buys** [NIN17]. **Buys-Ballot** [NIN17]. **by-claim** [Li17c].

**C** [Ano23, AE23b, AE23c, Vas16, KS18a]. **C.** [GPÖ14]. **Cadence** [KS10a]. **Calculated** [Aca15]. **Calculating** [KRMG19]. **calculation** [Bar17a, CC16c]. **calculations** [LCZA17a, ZRL19b]. **calculus** [LTC17]. **calendar** [MC19]. **Calibrated** [DSSL15, Par15b, SSS19a]. **Calibration** [DB13, DFH16, Koy18, NSSS17, RSC16, SKHL10, SHLK10, SK15b, CO16a, Cle18, HA16a, Ozg19b, SS16d, ZXW16]. **Caliński** [Koz12]. **call** [JN19]. **Calving** [GL15b]. **CAN** [SU14]. **Cancer** [BCD12, BHKHM13, Con12, KC12, MSSU14, RPY+13, Sha18c, She17]. **Canonical** [FN09, Hu11b, OFS13, AO18c, Car19, Oga19]. **canopies** [DBC16]. **Cantelli** [CYY14]. **Capabilities** [UC15]. **Capability** [AO18a, CC15a, CC15b, DZ12, Gra10, Gra11, NNA12, Sim14a, WH10, Yen12, AK19, BAL18b, Bal18a, CC16b, Has19, HBAJ17, MBG19, NS17, TS17e, UB17, YCAJ18]. **capacities** [Vas16]. **Capacity** [Vas14a]. **capital** [TMZ+17, YWX17]. **Capture** [WBH10, ZSS15]. **Capture-Recapture** [WBH10]. **Capturing** [Otr15]. **Carcinogenesis** [KC12]. **card** [RZHC16]. **Cards** [ASN12, BSH17]. **care** [BKGD17]. **Career** [AK10]. **Carlo** [Chi12a, Hol15, OOT19, ÖD10, XM17a, Zha17c]. **Carter** [DHP+16]. **Cascading** [QZZN10]. **Case** [AZN15, BOT17, Ber12, BBP14, Che11, CHP14, CDZ14, DC10a, DK13, EWRZ14, GCR12, LKN15, Lin14b, Liu11a, LSC13, MTM13, MM15, MADSAS10, QL11b, RVD14, SA14, TTC17, Tan10b, WDZ11, BG19a, CY17b, CSY19, Che17a, CW15b, DKY16a, DCZL17, Gol16, Hen17, MZ17, OTA17, SC18, SBLC17, Van17, YC18, WTZS15]. **case-cohort** [CY17b, CSY19, MZ17]. **Case-Control** [WDZ11, DCZL17]. **Case-Crossover** [LKN15]. **Cases** [KM15, LL11, DKY16b, Sha16, Zar19]. **casex** [WN16b]. **Cash** [PK11]. **Casting** [BCH12]. **catastrophes** [Bur19]. **Categorical** [AK14a, AH14, Bon14, Cag12, CDZ14, GCR12, GD11, LB11, SHHH09, BH17a, GLY17, HSW17]. **categorizing** [Gol16]. **Category** [FGTS12, WNL18]. **Cauchy** [AGVB10, Coo13, CARO17, Đor11, KP12a, NY16, Pun13]. **Causal** [Chi09, Chi10, GZ16, MMP14, RMP12, GZ17, Wan19a]. **Causality** [Mån12, MSS14b, KA17, Zha17c]. **cause** [SDS17, WP18]. **Causes** [Con12, RM14, PMKF17, SMSF19, YCL17]. **causing** [CLZ16]. **Cayley** [Dan18, HYS17, SY16, SY17c]. **CBPS** [GX18]. **CBPS-based** [GX18]. **CCC** [BK19, GFM17]. **CDF's** [SKG18]. **CDO** [CR14]. **CDS** [GDW18]. **Ceded**

[LLSM14]. **Cell** [Far12, KG14a, MGM13, SGKB17]. **cell-mean** [SGKB17]. **Cells** [BCD12, MP10a]. **cellular** [LDS18]. **Censored** [ADP10, ABI12, BS12c, BS12b, Bas14, CMCCO10, CB10, CB12, Coo12, Cra14, EDAAS12, FR10, FMS15, GT15, GFA10, HN14, Hua11, JFA12, KPS10, Kha12, Kha13, Lem14, Lop11, MA14, NH15a, Par15a, RAB15, SG10c, She12a, sS12b, She14b, She15a, She15b, SK15a, Sug13, TTZ14a, WY12, WWL13, WWT15, YXC11, YCL14, YSHL11, ZSY13, ZW09, ZS10, AN17d, AAK17, BN17, BP17, BMLY19, BG16a, CSC17, CLZ18, CT16, Che19b, FGP16, FZZ16, FZS19, FC18b, FA19, FST16, FGL18, GN17, GFL19, Har17, He17, KCY$^+$19, LL17d, LS17c, LY17, LM18b, MAA17, NB16, NC18c, PHY19, PMW17, Par16, Qom17, RSV17, Rez17, SS16a, Sha17, She16, sSW18, SSR19, TZW16, TR16b, WTZS15, Wan16b, Wan16c, Wan16d, WH17a, WP18, ZZ18a, ZJZ17, ZL16f, ZFD17]. **Censoring** [Abd15, BHLK15, Bas14, BGT10, CW15a, CW15b, CB11, CT14, DP10a, DP13a, Den13, GK11, HS15b, JMEM14, JY14, LK14, LJ13, Pao10, PGF09, PGF11, RD10, RB10, SS12a, SBK13, She10a, Wan12, WK13, ZS15, AA17a, AHAH17, BSL$^+$19, BP18a, BIJ17, CSL17, CBSN16, CK19, GP16b, GC19, JJ19, KTR18, MK19, SK18a, Sha19, SR17, STRD17, WL17a, WSS17, XZ16, XMP17]. **Censorship** [DPP15b, HS15d, WZY14, YLS10, GMS18, SB16a]. **Census** [GG13, GBC12, Jor13, CM16b]. **Centered** [DO13, LLV10, Xie16, YYS19]. **Central** [CZCM19, GLS12, IO13, JFA12, Li13b, MZ14, NR12, OCIS12, PP10, UC15, ZC14, Bar17a, hCXxShY18, DeR19, Ko16c, LPH16, LMT17, MGN16, MX19, OPK17, SN16, SNS19, Wu17c, Wu17d, Zan17, Zha16b, ZLZ19]. **Centrality** [Iez12]. **Centrally** [CMCCO10]. **Centroid** [SF12a]. **Certain** [Aka10, HV11, WLL13, DZL18]. **certainty** [LO17]. **Chain** [JC12, LD14, LDY15, ÖD10, Pap13, SS16i, XYH12, Bal18a, DPP17, HHC$^+$17, HL18b, KCL$^+$16, PAvS$^+$19, PC16b, SKK18, SFSH16, SG17c, SF16, SPY18, UB17, ZCC16]. **Chain-type** [SS16i]. **Chained** [Gov11]. **Chains** [Hun14, Sen14, WYL12, YWS14, BKKP19, Dan18, Geo17, HZ17a, HYS17, HYS18, LW18b, Pen17, SF16, SYW16, SY16, SJY17, SY17b, SY17c, Sze17, TY17, XHY16, YYS$^+$18, ZZ17d]. **challenge** [RBK$^+$19]. **Chance** [AKK09, AAK16, KKKÖ17]. **Change** [AVCL13, CTQ11, CJ17, DMT$^+$15, GBC12, ML13, Nos14, PJ10, PZ15, PS13, QTD10, SGPA12, Sur12, WZY14, WK13, AHZ17, CN17a, CKT18, Ciu17, DPZ17, Dvo17, FPM19, Far17b, GLY17, GMH16, He17, Huh16, JSC17, KL17a, LW17b, LCA17, MATC18, QL19, TZW16, VFP17b, XHY16, YAA$^+$17, ZBTL17, ZT18, ZG17b, ZFZ17]. **Change-Over** [SGPA12]. **Change-Point** [Nos14, Sur12, CKT18, Ciu17, Far17b, He17, JSC17, TZW16, ZFZ17]. **change-points** [ZBTL17]. **changed** [BVJV17, GWK19, SJ19]. **Changepoint** [Men13b, RK16]. **Changes** [AR14, DP13b, HTN15, QTD15, WILL13, XGZ11, BKR19, CS16c, CN17a, LTCQ17, PAvS$^+$19, QL18, Wu19]. **changing** [JZZZ18]. **Character** [Arn11, KK11b, KZ19, SSKP18, SG19]. **characteristic** [BT18a, MA18, PMFK18, Sel17b, SSS17c, Van16, YL16]. **Characteristics** [AS13, MJ15, SD14, SS14a, Arn19, CM19, CH18, Gup16,

HME17, KLJP16, LPHC18, Shu18, SSS17c, TS17c, TS17e].
**Characterization**
[AGAM17, AB11b, DJ10, FZ10b, Jaw14, Jeo12, Kay16, KRB13, Kum17, LWL13, MR16a, RR13, Tak10b, YMF15, YH11, ZFL13, AG18, NA19].
**Characterizations** [AH13, Bar10, CZ19b, Hom17, HS12a, IS16, IS17, KRB12, NSL14, NP17a, RR09, Yeh12, ZL16a, AH17a, BJ18, Jas19, UU17].
**characterize** [KG17]. **Characterizing** [MB15, Peg12, TV11, Tia12].
**Charlier** [OCIS12, SSON11]. **Chart** [ARD14, AMR14, BP15a, BTK10, CC11, CS12, FNDM12, Hua14a, Hua15, KS10b, KS14b, KTW10, LJ10, MC14, MZ10a, ML13, Par13a, SL13, SHH13, TKW12, AO18a, AH18a, AAJ18, COK17, CSM16, CKLC17, DHKM17, FCSH16, Haq18, HUK19, HK19b, HCZT19, JBA18, KNHM17, LK17a, LK17c, LK17b, LK17d, LK19a, LC19, PS17b, RSA19, RFM18, SKK18, Sag15, SFSH16, SHANA18, SA16, SG17d, WWZC18, WH16b, WZX17, YKL$^+$17, ZLT17, ZWZwZ17, ZG19b, vZvdM17].
**Charts** [AGR15, Bi15, CC15a, CY10, CR13, HHW14, HC10, HCS10, KHC14, LCT12, Lee13, LSSS14, Mah12a, MCY11, MN13a, Men10a, Men10b, Men13b, Men13a, NGT13, NAD15, WLY14a, YWLY11, ZARH14, AR17a, AP17, CC16b, Cox19, FPM19, GFM17, KSF17, KM19a, KCL$^+$16, KOFA18, Lu16c, Lu18, Mah17, Nen18, PKM17, PMF17, PMKF17, PM18, PMFK18, Pou17, RMM17, RC16, Rav19, SMSF19, WCK16, ZSJ16]. **Chebyshev**
[Aga17a, Bud16, Cho10, Nav16, Rao17a]. **Checking**
[Gar14, Iqb13, Bic18, DZL18, Ima18]. **Chemical** [CG12, KS12a].
**Chemostat** [JLV13]. **Chen** [BSL$^+$19, CZ15a]. **Chernoff**
[Kay18, Kun17a, WZL10]. **Chervonenkis** [Gey18]. **Chi**
[BLN13, GSA14, HJ14, SHH13, Voi15, RFM18, VPMV16]. **Chi-process**
[HJ14]. **Chi-Square** [SHH13, RFM18]. **Chi-Squared**
[BLN13, GSA14, Voi15, VPMV16]. **chickpea** [AIIK17]. **China**
[Wei14, YC18]. **Chisquared** [FFN$^+$19]. **Choice** [BSB12, CT13, HKV12, Jaf13, KZW09, NC14, PS12, Rab13, DM18, LR19, PGCT19, SLZ18].
**Choosing** [Atk12]. **Choquet** [Aga17a, Wan15]. **Cicer** [AIIK17]. **cigarette** [TE18b]. **Circle** [Lin14a]. **Circulant** [LR10c, MGP14]. **Circular**
[AT09, CC15b, FM12, FM14, ITG09, KS15b, QZY11, TJ13, Yam12, YWS14, Abu18, ASR$^+$19, BAT$^+$18, HH16, HYS17, KS16b, MPG16, RAST18, RRRA18, SYW16, YX18]. **Circular-Linear** [KS15b].
**Circular-Linear/Linear-Circular** [KS15b]. **Cited** [Koz12]. **Claim** [BS12a, EIJK13, NB15, PHW11, SW14b, BNB18, Ery18, Li17c, LYG17, LWG18b].
**Claims** [GW15b, XGZ15, BSW15, CY17a, DLH$^+$18, FS17, FL17, FL18b, FL19, GWL16, GCW19, GWZ17, GWP19, Li17b, LG16b, LSL19, WQW16, hXZ17, YS16]. **Class** [AK13, ASNT15, ABC12, BBG14, BCH12, BPSS12, CC10a, DM11, GDCOS13, Gue10, Hui10, Kak12, Kim11, MGAf14, MSN14, Neg09, Pet10, RP15, SASMF13, Sco11, SP11a, SS13b, ŠS12c, Šir14, Šir15, SS14b, SS15b, WWW13, WZT15, YA13, YUSC14a, Ala17, Are16, CK17c, DK17a, DK17b, DTWW17, Ery17, EEE16, Gau17, GA18, Gue13, HHS18, Has19, HHC16, KG18a, KN18a, LTV17, MKSS17, PP18, PT19, RGBG19,

RMNA17, RCdCN16, RN17, ST16a, SK19a, SJT17, SGA19, SYW16, SJY17, SP17a, SPS17, SY17d, Ten18, WHV16, Wu16c, WZ19, Yad16]. **Classes** [EE14, IRAB13, KJ17, LLV10, SS13e, SS15c, TE11, FL17, JCN17, Li18, SKS17]. **Classical** [Aca15, BL15, GV11, KHM12, Koz12, VS19, LTZ19, Par17b]. **Classification** [CL10a, CD12, FU10, jK15, LR10a, LR14, LR10c, RL12, SF12a, SU11, SA14, VRC12, AXLJ17, BMQ16, FEP18, XM17a, YJSL19]. **Classifier** [Ell11]. **Classifiers** [Gue10, MC18, PR17]. **Clatworthy** [SMN18]. **Clear** [WYZ15, YWZ18, ZZ19e]. **clearing** [BL19]. **Clinical** [Ani11, CLC+14, LMCH12, WTB11, Ko17a, MLD17, MR17, Wu16a, Yad16]. **Clipped** [Dos11]. **Clock** [PJL13]. **Closed** [CCH+10, LdM17, SM18, WSW16, Moh19b, SS18]. **Closed-Form** [CCH+10, LdM17, WSW16]. **Closeness** [AB14, BDKM12, EWRZ14, MA14, RL09, AMP17, Sab19]. **Closure** [LMH17, WGW19]. **CLT** [Gra17]. **clumps** [SU17a]. **Cluster** [CGL13, DC10a, Koz12, SA15b, VBATK11, WST10, Bak17, CS16b, Haq17, He18, MSB19a, MV16b, QKCH19, VN18]. **cluster-head** [MV16b]. **cluster-specific** [He18]. **Clustered** [Man11a, CS16b, DL19, Fan18, LH17a, QKCH19]. **Clustering** [AH14, Cey11, DBC16, DG12a, GD11, Iez12, Kaz11, MSB19b, Yao12, ZLDT14, Con16, KC16, MBV17, MV16a]. **Clusters** [DI10, Jor13]. **CLWD** [GCW19]. **Co** [JLL13]. **Co-Volatility** [JLL13]. **Coefficient** [Aca15, Aoy10, CC10c, CYL13, DSO12, FH13a, FHZ12, GBD10, Gro11, Hu11a, Hu14a, Hua12, KK11b, KG14b, Men10a, RB11, SSS14b, Tak10b, Uya17, WW15a, WH15a, Wei12, Xu13, YA13, YX15, ZY10, ZWZ11, ZX10, ZWPZ15, ZZLL15, AV18, ASG17, Bib16, CH19a, FTT16, HH19, Hu14b, HLY16, HJT19, JQZ18, JHM19, KM18, KS18b, Kvå18, LLHZ16, LZS17, LLWK18, LL18a, Lu13b, LLF19, MJH19, Mat18, MKY16, PY16a, RTT17, SG17b, TT17, VN18, WX19, WH16c, WXZ18, XQS19, XZ19, Xu16, XN19, XFWC19, YLG16a, YLG16b, YSC17a, ZWL16, ZT17, ZL16d, ZWPB17, ZXF17, ZSS18, ZP17, ZL16g, cZzXgL18, ZY19, vZvdM17]. **Coefficients** [Afs13, AJA14, BS15, CS14a, Gho15, GR11, Jaf15, LS09, LWR11, Sen14, SGM11, LARS19, LWHB16, Nag17, mNK17, Sun17b, Yad16, ZJLO17, ZSWA19]. **Coherent** [AA14, Bic12, ZM13, Che16b, KS19, MSR17, PBA17, PBA18, Tav16]. **Cohort** [WR10, CY17b, CSY19, MZ17]. **cohorts** [WER+19]. **Cointegration** [DPS12, KA17, OL19a]. **Cold** [BC12a, WZT15, Ery16a, FK16, LCWG16, MSR17, VM17, Wan16e, YYLM18, ZW17b]. **Collaborative** [CGC17]. **collapsibility** [Bur17]. **collect** [YSS19]. **Collective** [SW14b]. **Collinearity** [IT12, Spa19, WF17]. **column** [DJVV17, GPM18, VJV14, VV17, Wan17d]. **Columns** [KLS12]. **COM** [CO16b, JKS18, WP18]. **COM-Poisson** [WP18]. **combat** [WCF18]. **Combination** [CC10d, CDZ14, LR10b, Mar16, Sal15, SLL14, Che16a, IF18, ZW19b]. **Combination-Based** [CDZ14, Sal15]. **Combinations**

[AE13, GK13, KRT13, WL13, KJ18, SMK17]. **Combinatorial** [Ery16a, Ind11, NR12, Dut17, Fro17a, SN16, SNS19, VZ19]. **Combined** [EMI14, LCT12, LK17a, MCY11, Men13a, MKY16, NAD15, OQC14, OQC17, Wu19, YGWQ17]. **Combining** [CL14, Gue13, KMC10, New11b, VV17]. **Comment** [KD17a]. **Comments** [Kaç19, Li19, LF17, MC14, SG17d]. **Common** [Bi15, CHP14, EIJK13, KL11, KT11, PT15, ST10, AB19, CX17, Gun17, JT19, LW17c, MH16b, Meh17, NRN$^+$17, PK19, TKJ17, Wu19, vZvdM17]. **Commonly** [Hol15]. **Communication** [Gup14, KJS19]. **communications** [MSD19, Ano23, AE23a, AE23b, AE23c, AE23d, MBS17, SG17d, Mül12]. **community** [Bar17c]. **commutative** [MT19]. **comorbidity** [WER$^+$19]. **Compactly** [KOP14, PTV18]. **comparative** [VPMV16]. **Comparing** [AJA14, BB12, EE15b, GGS13, HMP12, JFS14, KS15a, LWWH14, LS17b, Tun15, WW15c, WH10, Hay16, JZ17a, KG18a, LCA17, SS18, SE17, VV17]. **Comparison** [AMP17, AAR11, AH14, BDKM12, BNE15, BAR16, Bie16, CB12, Dji10, FJS$^+$18, Gru12, HN14, HS15c, HD15, JA10, JAA11, Kak10, Kat11b, KG14b, LX11, LH11b, Li12b, Lin16, Qum12, Raj18, RSA13, SN17, SAD16, Sha10b, SBK13, ST13, SS10a, SA10, SSD19, TE11, UC15, ÜY13, UM09, Xu10, XF12, YLX10, YF17, ZVS14, ZTSL15, ZLWZ10, AHKO16, AAL17, AEA17, BMR17, CSM16, CK19, FM16, FRC16, Ima18, KH19, LPDD18, LCZA17b, SB17, Sen17a, Sen17b, SW19b, TE18b, WXZ16]. **Comparisons** [BC15, CKD14, CMCSC12, EE11, FWH$^+$15, GW15a, Gro11, HNB19, HW14, sK16c, KT15, Kur10, LS15a, MWW14, OAOQ16, Shi10, SD12, XY11a, ZS12, ZCCW18, Bic17, CVL19, FLB16, Hot16, Ima17, KA18, LL19a, LLZ17, Meh17, MN18, RSA19, Ros19, Say17, SM18, Sin16, Sou17]. **Compatibility** [DS14, GN16]. **compatible** [Sou17]. **Competing** [Ko14b, RON12, RM14, SS12d, WY12, XT11, AN17d, BSL$^+$19, Bel17, CSL17, CK17b, FZZ16, LXL17, LS16a, LS17c, SS16a, SDS17, SX18, SLSE19, SSD19, Wan16b, WXS18, WP18, WSS17, ZZ18a]. **competition** [GDDC19, Len17]. **Competitive** [Atk12]. **Complementary** [LH13]. **Complete** [AA15b, CKS17, DP17, DWM$^+$17, DTWW17, FWW19, GCR12, Guo14, HL15, Ko14e, Ko18, Liu11a, LSYL17, MWW18, SAB18, SWL14, SWLW14, SXW17, Sun12, TWZ16, WHVH13, WLHW14, WW19, WV16, WP19, XTL$^+$17, XLL15b, Yan19, YQC17, Yu12, YW18, pZ13, ZMMX17, BZH19, CZM17, HZZ19, LH17b, WHV16, XDWC18]. **Complete-Case** [Liu11a]. **Completely** [MH15]. **Complex** [ASN12, AZN15, Cha14, Duf10, Eid12, HTN15, Kon10, Mon12, SG11, FN18, LL16, NAAC16]. **Complexity** [Gue10, KDG$^+$18, Sha16]. **complexity-type** [KDG$^+$18]. **compliance** [GZ16, GZ17]. **Complicated** [Lu15, Lu16b, SA17a]. **Component** [Are14, BYDM15, hFmH14, JB15, OFS13, SE13, ARA16, Ali17, BPV19, CNL19, Li18, MAA17, MSR17, PG16, Wan16e, Wu17b, YH16, YLG16b]. **Components** [ASAK10, BHB15, Bur15, CL10a, Che11, CW13, CZ15c, DZ12, Eid12, EZ14, Ery12, GE11, Ko14d, KSBM14b, KSBM14a, NKS15, Par13b, Raq10, RSA13, SGR$^+$12, SS10a, Tsa10, WY13, YLL19, Yil12, ZL15, BNB17,

BNB19, BCL16, Che17a, CFK17, FLB16, HNB19, Ko16b, KJ18, LL19a, Mao18, NI16, PSF16, SHB17, ST16c, YL18d, Zha17e, ZZ19e]. **Composite** [CTT15, FTT16, Fed13, LLP10, LL11, PP10, UC15, WXPL13, AD19, JQZ18, JHM19, LD18a, LY17, OPK17, PT19, TLT17, YWLW18, ZQZY18]. **Compositional** [FH12, Gal15, ZSD+15, DFH16]. **Compound** [ZYN11, AAO17, BP17, CLW17, GH19, GWZ17, GWP19, HS19, IS16, Kou16, Mat18, RCdCN16, TMZ+17, Yan17a, ZL16a]. **Comprehensive** [Cui12]. **compressed** [YGWQ17]. **Compressive** [MN15]. **comprising** [BNB17, BNB19]. **compromise** [SH17b, YWZ18]. **Computation** [Gho15, DZH+19]. **Computational** [JX19, SMS14, MGG+17]. **Computations** [CR14, SJJ19]. **computed** [Nag17]. **Computer** [CS11, SGPA12, SWW+12]. **Computer-Generated** [SGPA12]. **Computing** [Ham12, KC16, RS16, YGWQ17]. **Concave** [LLSM14]. **Concentration** [Rat13, AMP18]. **Concept** [PK12, Zha15a, AAE+19, Bow17, ZBA17]. **Concepts** [HT13, Sre18, SZL14, ZC11, IAB16]. **concerning** [DAS16b, Jon18]. **concerns** [HW18b]. **Concomitant** [PT17, CLZ19]. **Concomitants** [AAR11, KO10a, RJN16, TB12, TV11, VT15, Ery16b, JPAB17, VT17]. **Concordance** [TAY11]. **Concordant** [Lu11]. **Condition** [KvdVvZ13, Lia10, RZ14, Yar14, Gra17, RD16, Yan16]. **Conditional** [AT19, AH13, BCS10, BBR17, CCL14, CW19c, Fau12, GGFL11, HB13, He18, Hod14, HCZT19, HL13b, KHM12, KSBM14b, LZY+17, LMR13, LWL13, Lia10, LLY14, MN10, NSL14, PGF11, PBA17, Pen17, Rah12, SY11, SH11, She12a, ST13, TL16, WLF11, Wan15, WT15, Wan16e, Wu11, XYL14, XXMZ18, YL15, Zha11, ZWP17, ZZSP14, BN17, BH17b, BLT16, CZ19c, DLS17, FC18a, GN16, GDPR17, HA18, Hen17, HL17, KOA16, KNH17, LLM16, Liu19, PBA18, SK16a, SB16a, TS17f, WHYW18, WBGS19, XZA18, YWL17, YL16, ZBA17, ZY17b]. **Conditionally** [(Ba14, Pie11, RG19, SCMR15, YL15, KLMD16, KS17, Rez17, Wan17f, ZC17a]. **Conditioning** [WN16a, AGA17b]. **Conditions** [Gra12, Guo14, Hu13, HYK15b, KP12b, LS09, Lia11, Nge11, Tan10a, Tan10b, WLF11, WTZ15, BBHN18, BMR17, BH17b, DP17, HZZ19, KHY17, Kyr17, Nie17]. **Condom** [TWH10]. **Conference** [Sty10, MSD19]. **Confidence** [AKL15, BHLK15, BKL19, BL15, Bic12, Bic17, BSY12, Bur15, DC14, DZ12, EE11, FLK12, HKLW12, HNV13, KG14a, KL10, Ker17, KV10, KZ15, KX18, LQ13, Liu11c, LVVN11, Moh19b, New11a, New11b, Par13b, PY16a, PGF09, PR11, PJL13, QQL14, Rub10, SP11b, SLSY14, WCL11, WXZ13, WQ14, WH14, WWH15b, WH10, XZD10, XM17b, YXG11, ZB12a, Zha14, ABK17, AK19, BAB+18, BG19b, Che16b, Fro17b, GP16a, GW19, Hua17a, KWM17, KPZ16, Kus18, Lin16, LH17c, ML19, PA18, PG16, PY16b, Raj18, SH17a, Son16, Sou17, Tar17, YX17, YCH17, ZLD16]. **Configuration** [HK11]. **confirmatory** [YM17]. **conflicting** [CW19a]. **Conforming** [KS14b, NN13, FY17a, UK16, YF17]. **Confounded** [Chi12a, FM10a, DJVV17]. **Confounder** [WZ15]. **Confounding**

[Chi09, Chi11, ZYLZ17, ZS17a, ZZ18e]. **Conjecture** [GGL14, NM17]. **conjugacy** [KM16b]. **conjugate** [GDCO16, SUS19, ZRL19a]. **Connection** [VB13, Had17, Yan16]. **Connections** [Dem14, OQL12, LD17, OQ17]. **Connectome** [PVB13]. **Consecutive** [JCY10, Ste11, MR17]. **Considering** [sK11, Lu11, MBN14, ANJ17, BU17, FY17a, Xio16]. **Consistencies** [Sug13]. **Consistency** [AD17a, AD16, CM16d, DS16b, EMH16, HK13, LN13a, LMR15, Tak10a, WLC11, WY12, Wan13b, WS14, WJ11, XYL14, Xin15, YC12, YC11b, ALR19, Bin17, BCL16, Che17b, Che19b, Das16a, HJT19, Rej16, SB16a, WH17b, XW16, YYY17, Yan17b]. **Consistent** [BNS11, FP12, KKS19, NBK14, WW13c, WX17, WF17, ZP17, HW18b, NB16, Nas18, VPMV16]. **Consistently** [LSX14, DW17, WGW19]. **consisting** [FY17b, NO18, XN19]. **constancy** [AV18]. **constansistent** [ZL16d]. **Constant** [Ell11, hFmH14, HN14, Hun14, JMEM14, Raï15, Sur12, ZS15, BSW15, DW19, Kha19a, Kha19b, Li17b, XX18]. **Constant-stress** [HN14, ZS15, DW19]. **constant-sum** [Kha19b]. **Constants** [TN13]. **Constrained** [AKL15, Fly10, UC14, EE16, Fon17, LSL16, LL19c, MP17, Pat16]. **Constraint** [LH14b, MS10b, SCC11, SKG18]. **Constraints** [AJN15, CY14, FZ10a, FH12, HX11, Nos14, PC10a, SN12, ZFL13, Che16c, LL16, WZ16, YY16]. **Constructing** [AW10, DDÚF11, KXX11, Sha10a, ZK15a, LGLX18, Ram17, ZS17a, ZZ18e]. **Construction** [AA11a, AGS18, AGA17b, BAT15, DDGM13, FF13, GFR12, HS19, HKLW12, IBA18, KT18, KS19, LIPMF13, LLV10, LL16, MGP11, MGP14, MKD11, Mud16, QYLL17, SO14a, Voi10, WLY14a, ZYLZ17, ZLYZ17, fZWD19, ZL16e, FPPRG16, KLJP16]. **Constructions** [DFS10, JSWL17, Oll17, RAST18]. **Consumer** [GB15, LIPMF13]. **consumption** [LG16a, TE18b, WWWX19, ZY17a]. **contagion** [PF19]. **Containing** [WYZ15, GAS17, JD16, ZZ19e]. **Contaminated** [GVGP11, GR15, WZK17]. **Context** [BGG11, Sim14b, SS12e, Bos18, NS16b]. **contextualizing** [Bur17]. **Contingency** [BSY12, CC14, DBC14, EPGTH15, FZ10a, GN10, THV16, YSR11]. **contingent** [Hon17, WQW16]. **Continuity** [ASAK10, Hu17]. **Continuous** [AMR14, AH13, BCS10, Bia15, CCH$^+$10, Cho10, DDGM13, DT12, EF11, JRM10b, PMC10, RJ15, SB11, TW13, Vas14a, WQ14, XY11b, YSHL11, ZK15b, Bak17, BH17a, Bos18, BD17a, CC19, CZ19b, Cuc16, EM18, GWL16, Gen17, LQ17a, LH17a, NRN$^+$17, PAvS$^+$19, SG16b, TS17f, VFP17b, WWWX19, WG16a, XHH17, ZF18]. **Continuous-Scale** [WQ14]. **continuous-time** [CZ19b, PAvS$^+$19, WWWX19]. **Continuum** [WTZ15, Bic17]. **Contoured** [ASNT15, Ric13, ANA17, Rez17]. **Contracted** [HW15]. **Contractive** [BCG11, PYL17]. **Contracts** [DW13]. **Contrast** [RMC11, FKR16]. **Contrasting** [YC14]. **Contribution** [PM16a, SLZ18, ZMCM16]. **Contributions** [AK10, AA17b]. **Control** [ARD14, AGR15, BP15a, BTK10, BQDH12, Bi15, Bis12, CC15a, CY10, CC11, CS12, FNDM12, GGS13, GW15a, HHW14, HC12, Hua14a, Hua15, HCS10,

JFS14, KS10b, KS14b, KMM12, LJ10, LCT12, Lee13, LSSS14, Mah12a, MZ10a, MN13a, Men10a, Men13b, ML13, NGT13, NAD15, SHH13, SZ13, WDZ11, WLY14a, YXG11, YWLY11, ZARH14, ZS12, AO18a, AR17a, AH18a, AAJ18, BMQ16, CC16b, CKLC17, Cox19, DHKM17, DCZL17, FPM19, Haq18, HUK19, HK19b, He18, Hot16, JBA18, KSF17, KM19a, KOFA18, Ko16b, Kyr16, KD16c, LK17c, LK17b, LC19, Lu16c, Mah17, Nen18, PKM17, PMF17, PMKF17, PM18, PMFK18, PS17b, Pou17, RMM17, RC16, RFM18, Rav19, Ros19, SMSF19, SKK18, SFSH16, SHANA18, SA16, TMZ$^+$17, UK16, VV17, WH16b, WZX17, YWX17, ZLT17, ZSJ16, ZWZwZ17, ZG19b, vZvdM17].
**control-limit** [Kyr16]. **Controlled**
[Chi12a, Muk10, GICRR17, JX19, Pen17]. **Controller** [Par13a]. **Controlling** [GW15a, MWW14, WX15, QK17]. **Convariances** [PV14]. **Convergence** [AA15b, ABC12, BR11, Din15, DMT$^+$15, ES11b, EdSMR14, FM13, Fu11b, Guo14, HH13, HF19, HL15, Ko14e, KOP13, KOP14, LZPJ11, Mel13, Nad10, QC16, RB11, SWL14, SWLW14, SWZ16, Ste15, Sun11, Sun12, TL15b, WHVH13, WLHW14, WG16b, Xin10, dXcY12, XY14, XM14, Yan19, pZ13, ZL17, AD17b, BR17, BZH19, CSS16, CLLW16, CZM17, CKS17, CL17b, CZW16, DP17, DWM$^+$17, DTWW17, DS17e, FWW19, HV17, HZZ19, Ike17, Ko17b, Ko18, LH17b, LP18, LSYL17, LO17, MWW18, Men19, PC16b, SAB18, SZV16, SS17b, SXW17, SXZ17, STD18, SY17d, Sym19, TWZ16, WHV16, zWDD19, WW19, WV16, WP19, XTL$^+$17, XDWC18, Xie16, Yan18, YZG17, YJS19, YQC17, YW18, ZMMX17]. **convergency** [NE17]. **Convergent** [Sha10a, UC14]. **convertible** [SK16d]. **Convex** [AA11b, GK13, Mat11, SLL14, AAE$^+$19, Had17, LWH19, Rej16, TS17f]. **Convolution**
[CXS11, CF13, Imo15, PW16, WY11, CG17, KC16, NM19, XZD19]. **convolution-defined** [NM19]. **Convolution-Equivalent** [WY11]. **Convolution-invariant** [PW16]. **Convolutions** [BCH15, ZL14a, LMH17]. **Conway** [INOC17]. **Cooperation** [GGFL11]. **coordinate** [SSR19]. **Coordinates** [GKW14]. **coordinatewise** [Ko18]. **Coordination** [TS12]. **cope** [SKM16b]. **Copula**
[(Ba14, BK09, BEZ11, BZ13, BG11d, FNDM12, Fau12, GGL14, JCY10, JC12, LD14, LSC13, Mey13, PK11, YYLM18, Ber16b, Coo19, Den17, FGGL18, HTW17, JSWL17, LGLX18, Rez17, SSD18, Sre18, XZ19, XMP17, ZYH18]. **Copula-Based** [FNDM12, YYLM18, FGGL18, Sre18]. **Copulas** [DDÚF11, DFS10, DJ10, DS14, IAA15, Jaw14, KP13, MKD11, PL17, SASMF13, SLL14, Ber18, Key16, MBV17, PV16, SS19, ST16a, Wys19]. **Cordeiro** [AE23b, AE23c, MBS17]. **corneal** [Abu18]. **Cornish** [Are16]. **Correct** [FM11, YZFM17]. **Corrected** [CHH15, DDP18, KYS13, BG19b, EAE18, FPPRG16, GFG16, JZTN17, Wan17a]. **corrected-loss** [JZTN17]. **Correcting** [Çel17, ÇE17a]. **Correction** [AR17c, Ano19a, Ano23, AE23a, AE23b, AE23c, AE23d, CXS11, CT14, Gro10, SHHH09, Kvå17]. **Corrections** [LF10, Roo18]. **Correctness** [SNN12]. **Correlated** [BB14a, CG14a, DP14, ER14, KL10, LX10b, LY11a, LY11b, MS14c, NGT13, OJR15, RBB13, RM15,

SG14, SGPA12, Wit14, Zad15, AP17, dCA19, BQC17, BO17, DeR19, FL17, HZS17, Hay17, JKS18, LMC18, MHA19, MKY16, NS19, NC19a, PBC17, RSG17, SA19a, TSG19, TK17a, TH17, Xia17b, YZFM17, Zha17e, ZY17b]. **Correlation** [CC10c, GR11, GHY11, Hu11b, Kim12, KCS12, LWHW11, Mat18, MBN14, OFS13, RL12, SC10, Sal15, SMM10, SP15, SO14b, TEF12, VML$^+$10, VMVD14, YA13, YSR11, AO18c, Bar19, CS16b, KS18b, LLHZ16, LTGK17a, LTGK17b, Pro18, Sun17a, WH16c, XZ19, Xu17b, Yad16, ZJLO17]. **Correlations** [AD10, Dem14, Bar17c, JD16]. **Correspondence** [BDS11, BL15, DBC14, DC14, LSD10, D'A17a, DAC17, Sil18]. **corresponding** [SUS19]. **Corrigenda** [Ano11a]. **Corrigendum** [Ano10a, Ano11b, Ano11c, Ano11d, Ano12a, Ano12b, Ano12c, Ano13a, Ano13b, Ano14, Ano15a, Ano19b, Ano19c, Ano19d, Ano19e, GK19a, MBS17]. **cosine** [ZG17a]. **Cost** [CC10b, EF11, Hil15, IP12, JHP10, SCSMN11, CSC13, Ko17a, PM18, SH17b]. **Costa** [SG17d]. **Costing** [MGF14]. **Costs** [GB15, CLZ18]. **Count** [BG11c, Den13, KM14a, KS14b, OBPL15, ÖD10, YHA10a, YW15, ZVS14, BW17, BKGD17, BB19b, CM16b, Gen19, LYR$^+$18, LCZA17b, LCA17, NC19a, Quo17, TSG19, TE18b, YF17]. **Countable** [YWS14, SJY17, YYW17]. **Counter** [SAB15]. **Counter-Type** [SAB15]. **Counterparty** [DMS14, LD14]. **Counties** [Con12]. **Counting** [Nas12, Ili16, NRI17]. **countries** [PLC17]. **Counts** [Cox15, WW15b, Con16, FGL18]. **Coupling** [ES11b]. **couplings** [KNC18]. **Course** [HL11, Kim15]. **covariables** [ZL17]. **Covariance** [AV15a, AMZ15, BBC13, CK10, CBB06, DMP11, GLZW12, HP10, KK14, Kon10, LR14, Liu17b, LR10c, MBS17, MZ11, MS11c, RL11b, RVP15, Sch12, SP13, SAvR12, SAC13, SSH10, Tsu14, WDM14, Yam12, YDC15, Ahm17, Bar17c, Bud16, DLS17, DC17, FZ17b, FZ18, FI17, FPCP16, HZS17, HJC17, HSSP16, KM19b, KT18, Liu19, Mal17, NKG16, OU16, PR17, Rao17a, SÁHLvR17, TME19, WYY16, YX18, ZKS18, ZBHW18]. **covariances** [GS17, WDLZ16]. **Covariate** [Ala14, BC12d, DE17a, DLP15, DDM10, DDM14, LLC10, Liu11c, ML12, OH19, SSM12, SK10b, XLL15b, ZSS15, DS17c, DS17d, FZ18, LAW$^+$19, LLF19, Nak19, WY16]. **Covariate-Adjusted** [DLP15, LLC10, ML12, LLF19]. **Covariate-balancing** [OH19]. **covariate-dependent** [WY16]. **Covariates** [CG11a, CHH15, DPB13, Den13, LY11b, LWH12, Pic15, TWH10, WJH15, YWO$^+$15, ZZ11, BIJ17, CLZ16, FDL17, GGO17, GHL17, KRMG19, LY16a, LWZD17, LXT17, OW19, OD19, PLC17, Qiu17, Roy16, SLF18, Sun17c, YGL16, YCZ17, YD19b, ZY19]. **Covariation** [KG14b]. **Coverage** [WWH15b, LL17b, YLS17]. **Cox** [Abd15, BG16a, CCZ15, CSC17, CS19c, FNM19, FZS19, FWZ$^+$17b, GHL17, GE11, HA14, HSHW14, IT12, LH17c, sSW18, XLZ$^+$12]. **Cox-Aalen** [sSW18]. **Coxian** [MGF14, ZMCM16]. **Cramér** [Gri17, YDL14, ES11b, HK13, Kal19, Kvå18, Mar11, SS11b]. **Cramér-type** [Gri17]. **Cramér-von** [Mar11]. **Credibility** [EIJK13, NAN17b, SLL14, WW11, WWW13, WYMZ17]. **Credible** [Han12a].

**Credit** [BCCH14, CG14b, DMS14, FG17, HF14, LD14, BKKP19, BH17c, CCCT16, LMdO18, Zen17a, ZZ19a]. **credit-rating** [BKKP19]. **Credits** [GRV15]. **cricket** [Das17a]. **Criminal** [NRS+14]. **Crisis** [Cui12, KYW16]. **Criteria** [APM10, Lem14, NRS+14, OQL12, ST13, AL16, DGMC17, EMH16, EQ17, HS19, KDG+18, LPDD19, Miy17, Oga19, OQ17, Sha16, WQ18, ZZJ19]. **Criterion** [DZX13, FH13b, GHY11, HS12b, KS12b, OFS13, RL09, Sha10b, Tra11, ÜY13, Wei14, YLX10, EIM18, KT18, KH18, WLS18, ZLYZ17]. **Criterion-Robust** [FH13b]. **Critical** [MS12b, RCdC14]. **Criticism** [Ras17]. **Cronbach** [LARS19]. **Cross** [BDM13, MD17b, NRS+14, Slj17, TWH10, JKS18, Mao18, Oga19, PBC17, ST16b, Ten17, ZKS18, ZL16c]. **cross-correlated** [JKS18, PBC17]. **Cross-entropy** [Slj17]. **cross-equation** [ZKS18]. **Cross-Over** [TWH10]. **cross-section** [ZL16c]. **cross-sectional** [Mao18]. **Cross-validation** [MD17b, NRS+14, Oga19, Ten17]. **crosses** [VV17]. **Crossing** [SM09]. **Crossings** [LM13]. **Crossover** [BM15, CC10c, LKN15, LS14, Liu11a, Zho10, LS17a, MPG16, Wu16a]. **CSTM** [GK19a]. **CTE** [LLSM14]. **Cuadras** [GEA+10]. **CUB}** [Ian12]. **Cube** [FH13b, NC14, Pic15]. **cubic** [AOÖ17]. **Cuboidal** [UC15]. **Cum** [TC14, LTS16, RM16, SSS16]. **Cumulant** [KCK10]. **cumulants** [Shu19]. **Cumulative** [Bar10, BR12, BDS11, CB14, CSC13, CC11, Che14, CW15b, DBC14, D'A17a, DM18, EE15b, HKNL15, JRM10b, KS14b, BK18, CC19, Che17b, Kum17, KN16b, KK17b, KK18, Min17, MB17b, MBF17, NP17a, PNK18, PE17, SK16a, SS17a, SSD19, YF17]. **Cure** [ABI12, BP15b, XLZ+12, ZZ10, BKM18, CRTdC17, GZ17, POS+19, She18b, WP18, YCL17]. **currency** [HZ17b]. **Current** [RPY+13, She12b, ZTZ+13, FDL17, SKM16b, SHM16, SSD19]. **Curtailed** [ZLD15]. **curtailment** [ZLD16]. **curvature** [Abu18]. **Curve** [DG11, DTE13, GFA10, Li15, CM16d, LX19, LWD+18, LQ19, NS16b, SS16f, WNL18, XQ17a, Xu17b, SS17c]. **Curved** [Aka10, GCSB10]. **Curves** [AB11b, EZ14, Kaz11, LX11, RGM15, VV12, ZLWZ10, MBAJ19, Nie17, SJT17]. **Cusp** [Web12]. **Customer** [Fon14, BCB19]. **customers** [KS18a, SLOT17]. **CUSUM** [AR17a, AH18a, AAJ18, AR14, HHW14, JK19, RSA19, WH16b, WZX17, Wu19, XGZ11]. **Cut** [ZB12b, LPDD19]. **cut-point** [LPDD19]. **cuts** [Gey18]. **CV** [Gro11]. **CVA** [CR14]. **CVSSIDS** [NAD15]. **cycle** [ZMN17]. **Cyclic** [MPG16, TIA11]. **cyclostationary** [MHA19].

**D** [AE23c, HM15, MBS17, SK16e, CO10, PBY+14, XM17b]. **D-minimax** [HM15]. **D-trace** [XM17b]. **da-Silva** [AE23b]. **Dagum** [DC13, TCM+16]. **daily** [BBS16, El 19, TE18b]. **Damage** [Che14, CC19]. **Danish** [ANS17]. **Dantzig** [ZHLZ14]. **Darling** [Dvo17, Lie16]. **Data** [AT19, AK14a, AAG12a, AV15a, ADP10, AC11, ABI12, AH14, AT09, BCH12, BG11a, BS12c, BC12d, BC14, Bon14, BG11c, CMCCO10, CT13, CL10a, CS15a, CS15b, CY10, CXS11, CZ15c, CS14b, CB10, CB12, CMCSC12, CCSCME13, Coo12, DNL12, DS09, DZ14, DC10a, Dem14, Den13, sDsWcCjK14, DM10, DG12a, DP10b, DL11, Eid12, Eid14, EDAAS12, ER11,

FR10, FJ11, FMS15, FV11, FH12, FDHH14, Fu12a, Gal15, GFA10, GD11, GHY11, GL15b, GS15b, Gui15, GBC12, Ham10, HN14, HD13a, HS15a, HS15c, HD15, HYK15a, HL11, HS15d, Hu11a, Hu13, Hua11, HQW15, Ian14, IP13, Jia12, JLL13, Ju15, KG14a, KM14a, KL10, KR14, KSDR15, KNK13, jK15, Kim15, Ko12, Ko14a, Ko14b, Ko14c, Ko15b, Ko15a, KN17a, LK14, LR14, LJ13, LS11, LSSS14, Li14b, LX15, LLY14, Liu11b]. **Data** [Liu11a, LY11b, LB11, Lu10, Lu11, MKS15, MSSU14, Man11a, MZ11, NB15, NA13, Par15a, QZY12, QQL14, QNZ14, RPY$^+$13, Rao10, RM15, RL11b, RL12, SS13a, SU11, SO14a, SG10c, She10b, She12a, sS12b, She12b, She13, She14b, She15a, She15b, She15c, SCdSP10, SSP$^+$12, SS10b, SS14a, SP15, SS12d, Sug13, SSH10, TK13, TWH10, TTZ14a, TX14, TT11, Tsa10, TJ13, VML$^+$10, VMVD14, VSS12, WR10, Wan10b, WH11, WP11, WY12, WCGZ12, WQ14, WG14, WTZS15, WL15, Wit14, Wu11, WS12b, Wyl13, zXyL13, XT11, XYH12, YHA10a, YXC11, YC14, YA10, YWLY11, YSHL11, Yu12, hYhW14, ZPZ10, ZZ11, ZTZ$^+$13, ZHLZ14, ZX10, ZZS13, ZVS14, ZSY13, ZW09, ZS10, ZZSP14, Ahm17, AD17a, AD17b, AXLJ17, AT17, Alv16, AHP19, ABTR19, ANS17, AN17d, BN17, BW17, BJ19, BP18a, BP17, BANC17, BB19a, BH17b, BIJ17]. **data** [BLT16, BKGD17, BB19b, BT16, BP18c, BCCR18, Bos18, BG17, BG16a, BJC16, BK17b, CSL17, CS16b, CSC17, CCN17, CHM16, CG16, CT16, Cuc16, DMM16, DE17a, DDP18, Den17, DSA16, DR17, DDS16, DL19, EMH16, EM18, FZ17a, FZZ16, FZS19, FEP18, FDL17, FC18b, FJS$^+$18, FST16, FP17b, GAS17, GZ16, GZ17, Gen19, GFL19, Gro18, GGtH$^+$19, GK19c, GW18, HB16, HB17a, HB17b, HL18a, Har17, HH19, HDS16, He17, HW18a, HJW19, Hen17, HL17, HSW17, HNB17, HSSP16, IK18, JSSO18, JCN17, JYZ19, KD16a, KHY18, KOFA18, Kia17, Ko16a, KCY$^+$19, KL17b, Kus18, KT17b, LW18a, LW17b, LM18a, LXL17, Li17d, LG18, LC17, LZS17, LL17d, LXT17, LS17c, LSCW17, Liu17a, LTGK17a, LTGK17b, LDL18, LL18a, LAW$^+$19, LM18b, LMdO18, Lu16c, LWZ17, ML19, Mao18, MBV17, MSD19, MT16, MMP17, NC18a]. **data** [Nag17, NB16, Nak17, NAAC16, NNvRS17, NVS19, NS19, NC19a, NC18c, OU16, PHY19, Par16, PR17, Phi18, PP17, Qom17, Quo17, RSV17, RBK$^+$19, RLSL19, RKMG19, RTT17, Roy16, SAD16, SS16a, SV17, Sha19, Sha18b, SSSM16, Sha18c, She16, sSW18, She18b, SLSE19, SS16e, Sla17, Spe17, SSD19, SSY18, Tak18, TZW16, TR16b, TK17b, TH17, TE18b, VN17, Wan16b, Wan16d, WZK17, WH17a, WXS18, WH18, Wu19, XQS19, XTS16, XXMZ18, XZA18, XT17, XFWC19, YSS18, YAA$^+$17, YJSL19, YWL17, YWLW18, YSS19, YWLZ17, YXZ17, YH19, ZCHR19, Zha17e, ZZ18a, ZWNS18, ZL16c, ZJZ17, ZG17b, ZMV$^+$17, ZY17b, ZFD17, ZL17, JPAB17]. **Data-Based** [AC11, CT13]. **Data-Driven** [Wyl13]. **Datasets** [AA13, BBB14, ABES18, TSG19]. **Davidson** [AAL17]. **Davis** [WH17a]. **Daya** [PM18]. **DD** [Gor17]. **DDA** [Gor17]. **Deal** [SKK10]. **Death** [Ano13b, GS11, MS10d, PDS09, CY16, KD16c]. **Decades** [HH15]. **Decision** [AAL17, Bic12, CHLP09, GGS13, LWWH14, Bic19, CCCT16, FEP18, KD16c]. **Decision-making** [AAL17]. **Decisions** [Fal14]. **Decks** [ASN12, JSSO18].

**Decomposition**
[BDS11, DC14, DAC17, MCY10, Voi10, HOK17, PS17a, SK16b, YZFM17].
**Deconvolution** [TPTT14, Ben19, PTV18]. **Decreasing**
[LM14, AE17c, GR18a, LMM18, MKSS17, PKM17]. **Deductibles**
[HW14, LL17b]. **Default**
[LD14, CCCT16, GDW18, LMdO18, WRZ19, XDW19]. **defaultable**
[MWY18, XDW19]. **Defectives** [TD14]. **Defence** [NN11a]. **deficits**
[TMZ+17]. **defined** [LPDD19, NM19, SLZ18]. **definite** [DTT+16].
**Definiteness** [DMP11]. **Definition** [DC13, MK13, FWZ+17a, SY17b].
**Deformed** [Mur13]. **Degenerate** [DN14, FZ10b]. **Degradation**
[RE10, She14a, cTtL14, XT12, BPS16b, DW19, GPP19, aYwSlDmS17].
**degrading** [PSF16]. **Degree**
[HTN15, KMC10, YMF15, LQYZ17, LD18b, LQW19, ZQQY17]. **Delay**
[DJ15, GS11, UZ19, ZW17b]. **Delayed** [SB11, XGZ15, ZW13, DLH+18,
GWL16, KC19a, KC19b, Wan17f, hXZ17, ZW17a, ZW17c, ZW18]. **delaying**
[JX19]. **Delays** [PJL13, LDS18, SLOT17]. **deletion** [EP17, Zar19].
**Delivered** [SA10]. **Delta** [FM13, GG18]. **Demand** [SYP13]. **Demographic**
[GBC12]. **Demonstration** [Sco11]. **Dendrite** [Koz12]. **Denoising**
[NAMD14]. **Dense** [SLSY14]. **Densities**
[AE17a, BC14, Ham10, JTR15, RP10, SS10b, BS17, MHA19]. **Density**
[AE13, ABLR15, BYDM15, CS15b, CF13, Che13, FJ11, Fau12, HWM12,
HS14, Jeo12, JFA12, LMR13, LX10a, Li14a, Li14b, Lia10, LCP+14, LLY14,
MSW13, Nad10, Pak14, Par12, Rao10, RR14, Ryc14a, VLD15, WH15a,
Woj11, WHY18, AE17b, ARJF19, AM16, BN18a, BR17, BR19, BT18b,
BD17b, CD17, Che19b, DS16b, DS17e, FZ17a, FPZ16, FST16, GTW17,
GR18a, Iga16, IK18, Kam19, LA17, Li17a, LWZ18, MMP17, NE17, NS16a,
Pak17, Pen17, Rao17b, SAD19, SCYR17, Sla17, Ten17, VN18, WZK17,
XW16, XZA18, Yan17b, ZL18, ZL17, ZHZA18]. **Departure** [Kem11].
**Dependence**
[AT11, ASB13, BS12a, Dok12, Dom11, DFS10, EIJK13, Fer14, FF13,
FMPF16, GEA+10, HS14, IS11, KG14b, LPS11, LBL+10, MP10b, Nge11,
PP12, RAP13, RGL12, SO14b, TH15, TAY11, VV12, Web12, WW11, ZY13,
ZC11, dSE11, dCOSW13, BR19, Ber16b, BS17, BB17b, DZL18, DRAS17,
FPZ16, FF19, FL18b, GWP19, IAB16, LL17a, LSY17, Mer16, NY16, PV16,
SO17, WHHW17, WHYW18, Wie18, XZ17, XHH17, ZBA17, ZL16c].
**Dependency** [CCL+13, AHP19]. **Dependent**
[AGR15, BP15a, Ber12, DNL12, DS09, DP10a, DPP15b, Den13, FJ11, GS11,
HS15d, HP10, JFA12, KL11, KY10b, Li13a, MC11, RSA13, RAB15, She12a,
Sun11, Sun12, Sun15, TW13, Tee14, WY11, WHVH13, WW13c, WLY14b,
WLHW14, WJ11, YMF15, ZL14b, Zör14, AHP19, AMP18, BR17, BN17,
BAL18b, BD19, BKKP19, CSL17, CNL19, CS18, CSC13, CC19, CF16, CL17a,
CXC19, CZW16, CDS19, DWM+17, Ery18, FWW19, FS17, FL17, GHSZ19,
GWZ17, Had17, Haj19, HDS16, HJW19, Hen17, HF19, Ili16, JSWL17, KM18,
KTBN17, KSDB18, LM18a, Li17b, LL19a, LPH16, LWWH16, LG16b, LGG16,

LSYL17, LYG17, LWG18a, LWG18b, LSL19, MWW18, MX19, MZ14, NRI17, OL19a, PSF16, Pes17, QC16, RSV17, RK18, ST16c, SZV16, SXW17, SX18, SS16e, SSR19, Tan18, TR16a, WP16, WH17b, WYY16, WV16, WY16, XX18]. **dependent** [XMP17, YVCA17, Yan17b, YCAJ18, YQC17, YWO+15, YC17, YW18, ZC17a, ZZ17a, Zha17a, ZWZwZ17]. **depending** [HL18a]. **Depth** [IP13, YM18]. **Derivation** [ZB12b]. **Derivative** [Hua14b, Nge11, Rao17b, Son16]. **Derivatives** [CS15b, Sug13, Bos18, CCN17, GK19c, MDG19, WZK17, WZJH19]. **Derived** [Han12a, HYK15b, AAE+19, SS19]. **Deriving** [WH14, LH17c]. **descent** [HT16a]. **Descents** [CN15, CN17c]. **describing** [Ali17, AMP18, BG16b]. **Description** [GV11]. **descriptive** [BOT17, OOT19, OTA17]. **Design** [AZN15, ASeMJ17, AMH14, BD11a, BM15, Ben14, BQDH12, BDM13, CL10b, CY10, CC10c, CC11, Cho10, CS11, CR13, DP14, DDM10, DD13, DSSL15, FG11, FN09, GCR12, GL11, GS15c, Hol15, HC10, Jaf13, JBA18, KSG13, KAJH18, sK13b, KLS12, LKN15, LCT12, LSSS14, LC15, NGT13, NFZ11, PP10, Par13a, PK12, PLDS17, QL11b, Sag15, Shi10, TGXX12, cTtL14, TN15, Wan17c, XFC11, YWLY11, BJU18, BS16c, CY17b, CSY19, CS17, DW19, FY17a, FPM19, FCSH16, HCZT19, JKJ16, Kha19b, Ko17a, Koy18, LK17b, LK19a, LS17a, LX17, LZ18, Liu17b, MB19, MV16b, OPK17, OQ17, PKM17, PMF17, PMKF17, PM18, PMFK18, PS17b, RFM18, SMSF19, SKK18, SM18, SS16d, WWZC18, Wu16a, YKL+17, ZLT17, ZQZY18]. **Designing** [BU17, NS17, NN18, UB17, Bal18a, BAA+18, NS18]. **Designs** [AJV11, AAG12a, AA11a, AIA14, AW10, ASN12, AZN15, AAG12b, Atk12, BJVV15, Bis12, BDM13, BDM15, BCDLA12, BSB12, CL14, CG12, CG14a, CT11, CL15a, CJ15, CYL13, DPA10, DPP15a, DDM10, DDM14, FHS15, FM12, FM14, FH13b, Fon14, FN09, GLZW12, Gar10, Gra12, Hil15, HLL15, Hua10, HM15, HYK15b, ITG09, Jac11, JR18a, KS12a, KMM12, LW13b, LHHC14, MGP11, MP12, MGP14, MS12a, MGM13, MH15, NC14, OQC14, PMA11, PM12, RS13, RZ14, RN13, SGPA12, SAC13, Sty10, TIA11, TE11, Tan10a, Tin10, TS12, UC15, VJV14, Wan10a, WW13b, WLL13, WYZ15, XY11b, YA13, YH11, ZZP10, Zha13, ZY14, ASR+19, AGS18, ADKZ16, BQC17, BAT+18, BO17, BJVV17, CG19, CSM16, CK17a, CZ19a, DS17a, DJVV17, DT17, DS17c, DS17d, FM17, GPM18, GQC18, HH16, He18, HME17]. **designs** [IBA18, JYZ19, KSF17, KM19a, Kha19a, KHY17, LK17c, LRC17, LH17a, LWWW16, LL16, LOHW19, LL19c, MPG16, Man17a, MD17a, MGP17, Man17b, MP17, MEZ16, MN19, Nor16, OPK18, Oll17, OQC17, PGCT19, PPMD19, PM17, QYLL17, RMM17, RAST18, RRRA18, RAAJ17, RAZ19, RK19, ROM16, Ros19, SMN18, ST16b, SG18b, SB16b, VV17, WZ16, Wan17d, WQ18, XK18, YZP17, YYS19, YZ18, ZF18, ZYLZ17, ZLYZ17, ZL16e, ZS17a, ZZ18e, ZZ19e, ZLZ19]. **desirability** [KDGV16]. **destructive** [POS+19]. **Detect** [SR11]. **Detecting** [AHZ17, AR14, BANC17, Bos18, Dok12, GBC12, Ko11, LF17, NNN10, DY16, LW17b, Par17a, SI17, Wu19, ZT18, ZG17b]. **Detection** [AVCL13, CGL13, DPZ17, DC10a, DI10, ET13, Eid14, HTN15, JDSS16,

KJD+15, LX19, LSC12, MCY11, Nos14, PS13, QTD10, SA15b, WG15, BRZR16, Bar17c, CJ17, Dvo17, Gha19, GLY17, LWD+18, PK18, QL19, SA19a, SL18, SW19a, WL17c, XHY16, ZDZ17, ZFZ17]. **deteriorating** [PM18]. **Deterioration** [KLK14, SK16d]. **Determinacy** [Sto12, BH17a]. **Determination** [BAL18b, DSO12, IP12, Ko14d, Ko15a, ZK15a, Ko16b, WAJ17]. **Determine** [Ko14a]. **Determining** [KAR16, VT17]. **Deterministic** [KY10b, AG18, Sti17]. **Detrended** [Ban13, Ai17, Gho17]. **Developing** [AEA17, WAJ17]. **Development** [AO18c, SS10b]. **Developmental** [Raz14]. **Developments** [ZL14a, CG19, DSA16]. **Deviation** [Aka10, CL15b, GM14, Hay10, Kor11, MCX10, Mia11, SI13, WLW15, WSlT15, CF16, LSW16, MGLX14, SYW16, SJY17, Tar17, WGW19, ZC17b]. **Deviations** [CGW15, Kon15a, KL11, Li14b, LSX14, VSS12, WW13c, BN18a, CS19c, DW17, FS17, FL18b, Gri17, GWZ17, HSLQ17, JY16, LJW18, LS17d, LYG17, Lou19, LSZ16, LQ17b, LSL18, MG19, ST16c, SHLQ17, XP18, YS16]. **device** [YSS19]. **devices** [Bow17, LL19a, TP19]. **Diagnosis** [ASMZ14, HTN15, RVD14]. **Diagnostic** [Iqb13, MAS16, NIN11, WQ14, BPV19, EP17, Sha16, TP19]. **Diagnostics** [CTW10, ER14, LSC13, SL15, UPA13b, XJW17, ZZC13, BD16b, CYF+18, EE16, LLWK18, Sun17b, SBLC17, YCL17, ZVG19]. **Diagonal** [DDÚF11, LL14, KS16b, ST16a]. **Diallel** [BDM13, VV17]. **dichotomization** [NRN+17]. **Dichotomous** [BD11a]. **DIF** [TK19]. **Difference** [FLK12, HWM12, KLM10, KZ15, Lim11, SR11, TJ13, WJY15, ZL16c, AR17b, AGS18, BAW19, CZM17, FJW17, FP17b, HSLQ17, KR17, Li19, Liu17b, LZF17, LCZA17a, LSW16, MMN16, MHA19, MKK17, Par17a, PK18, SHLQ17, Wu18a, Wu18b]. **Difference-based** [ZL16c, Li19, PK18, Wu18a, Wu18b]. **difference-type** [MKK17]. **Differences** [NN11a, Ryc11, Ima18, STD18, Spe17, Wan17g, WBGS19]. **Different** [FM16, FHZ12, HEHM11, Him10, HT13, OQL12, WBH10, AIIK17, JKD17, LW17c, OQ17, RRRA18, SCYR17, SCYR19, SX18, SBLC17, TPN18, XO19, ZW18]. **differentiable** [Has19]. **Differential** [Con10, Jaw14, MS11b, ZZ15, ZHL15, dSE11, FP17a, Gol16, LYX18, LL17e, LW18b, Rah18, RG16, XKW19]. **Difficulty** [Aca15]. **Diffuse** [Piz13]. **Diffusion** [BKP11, DW13, Han12b, Han15, Kor11, Kos14, KG14c, Lim11, Neg09, QWZ14, WL11, YSK15, CZCM19, CZ15b, DLZ17, HZ17b, LLLL18, LSW17, LMC18, Mud16, QJWC18, WRZ19, XDW19, Zho17]. **Diffusions** [NY11, SW19a]. **Digraph** [Cey11]. **Dimension** [Him10, HS12b, YS12, YHS13, YA10, YL10, ZYX12, ZZ17c, Zhu10, ZYZ11, DLS17, DBG17, FP17b, Gey18, HN17b, SA17b, XTS16, YHS17, Yam18b]. **Dimensional** [Afs13, AV15a, BNS11, KK14, KVV11, MTM13, MK13, SCSMN11, SLZ11, WSlT15, Yam12, ZHLZ14, Ahm17, AXLJ17, AJ18a, BCCR18, Das16a, Ery18, FJW17, FLL17, HKR15, JSWL17, LWZD17, LX19, LTZ19, LGG16, NAML16, PR17, PP17, ST16c, SLSC18, TN19, WL17c, WX19, XX17, YJSL19, YM17, YJ17, YX18, ZBHW18, ZG17b, ZZZ19].

**Dimensionality** [Lu13a, WSW11, YA10, CS17]. **Dimensions** [KS12c, RAP13, SL14, DY16, Mao17, SS17c, YCH17]. **Direct** [Chi12a, YC11b, Sen17a]. **Directed** [Cha14, LQYZ17]. **direction** [Wie18]. **Directional** [DPA10, Li14b, Sei13, SU11, SO14a, Sim14a, SO14b]. **Directions** [Vel14]. **Dirichlet** [Chi12b, Gho09, KJ18, LCG18, SUS19, TZ17, YM17, YJ17, ZHW17]. **Disability** [DGM13]. **Disaggregation** [ZA14]. **disasters** [YFV19]. **discontinuous** [LWD+18]. **discount** [DLH+18, WL17b]. **Discounted** [Mia11, MXD13, FL17, GWP19, LG16b, LWG18a, LSL19, XZ17]. **Discounting** [Don11]. **Discoveries** [MWW14]. **Discovery** [De 11, Mel13, Bic17, DZL18, WX17, YSC17a]. **discrepancies** [OQC17]. **discrepancy** [CFA17, GQC17, LOHW19, OQC14, YYS19]. **Discrete** [AA15a, CC12, Cha15, CCH+10, DP13a, Ery16a, GL15a, Gue14, Gup15, HQW15, Jaf13, JRM10a, JB18, Kaw13, KRB13, KLK14, Lim11, LDY15, MB15, NC18a, NSP12, NS15a, NAB12, NABA15, PHW11, TN10, TW13, TEF12, WN17a, YSK15, Yan14, ZLZ15, AER16, AG18, BAKZ18, BB19b, BMLY19, Bos18, BD17b, CF19, CC16a, CC19, CXC19, DLH+18, DS16a, DSA16, Djo17, Ery18, GG18, GN16, JS18, JCN17, KN18b, KN19, KH19, LWG18a, LWG18b, LD18b, LQW19, Mal17, MR16a, NSR17, NA18, OAOQ16, PFD19, RZHC16, SRN17, SSB17b, SSD19, SI19, TN17, Vas16, VFP17a, WN16b, Xia17b, ZL16a]. **Discrete-Time** [GL15a, Gue14, Lim11, PHW11, Yan14, CXC19, LWG18a, Mal17, OAOQ16, TN17, Vas16]. **discretely** [CY16]. **Discriminant** [GKW14, HS13b, HS12b, Kaz11, YHS13, ZHLZ14, SLSC18, Xia17a, YHS17, Yam18b]. **discriminate** [NRN+17]. **Discriminating** [DK09, AdBPdBP18]. **Discrimination** [CB14, KK11a, Kit15, BCCR18, Pat16]. **Discussion** [LW17c, PMF17]. **Disease** [Ken11, Con16, NRN+17, WER+19]. **Disequilibrium** [WYG17]. **disjoint** [FY17b]. **disk** [Far17a]. **disk-type** [Far17a]. **Disorders** [Muk10]. **Dispersion** [CT11, CTW10, CBB06, GP12, HLL15, NA12, SS13a, Tin10, XWJ10, ZARH14, GOLM19, HK19b, LPC17, MBS17, MBS+19, SA16]. **disruption** [SF16]. **Dissimilarity** [KB13]. **Distance** [AH14, CVC+12, Gar14, GG10b, TIA11, BD16a, BK17b, FZ17a, GTW17, Kap18, Kay18, Kun17a, Tri17, WH17a]. **Distance-Based** [CVC+12, AH14]. **distances** [DHK17, SSM16]. **Distinct** [ZZP10]. **Distinguishability** [FGTS12]. **Distinguishing** [Fle13]. **Distorted** [DFS10, SBRGD16, SSB17b]. **Distortion** [Yan15, Ric17, WZ19, ZF17, ZWNS18]. **Distributed** [AKK09, CY10, LSSS14, RF12, SYP13, VT15, YWLY11, Ali17, BZH19, BJU18, Çel17, GHSZ19, GC19, GW19, KKKÖ17, RK19, SHLQ17, TWZ16, TS17e, UZ19]. **Distribution** [AT15, AE13, AA15a, AT11, Afs13, AJGG14, AK14c, AFL15, AFL13, AO12, Ano13b, ASAN12, AVCG10, AGVB10, BTK10, BDKM12, BS12b, BHLK15, BZAZ15, BR12, BSCS11, BNS11, Bas14, BREA11, BBT13, BCK15, Can15, CLGFB15, Cha10, CG15, Cha15, CRG13, CG11b, CW15b, CJ19, Coo13, CT14, DPP15b, DN14, DC13, Đor11, Duf10, EdSMR14, Fly10, Fu12c, FZ10c, GMB+13, GL10a, GL15a, Gho09, GN15, Gil12, GFG13,

GSA14, GL15b, GC12, GY13, Gui15, GG16b, Han12a, HN14, HTN15, HS15c, HD15, HSMK13b, HL13a, HKNL15, HHW14, HASA10, HME12, HGZG15, HP10, HLR11, IO13, IANT13, JBH12, JMEM14, Jia12, JRM10b, KSK15, Koi10, KG15, KDK14, KCK10, KP12a, KJAR13, KLM10, KA15, KR15, LMG13, LKK15, LH14a, LVBS10, LLP10, LCO14, LWY10]. **Distribution** [LL12, LQ13, LH13, LPN14, LJ12, Lop11, LF17, LVVN11, MEG15, MZ10b, MM13, MFSAS10, MV14, MH11, Mea15, Men10a, Men10b, Men13a, Min10, MB14, MO14a, Mit13, Mon14, MS10d, Mur13, MADSAS10, NH15a, NBK14, NSV12, Neg09, NAB12, NAA13, NABA15, NP15, NNN10, NMJY15, OJR15, OBPL15, PKJ14, Pao10, PGF09, PR11, Peg12, PBS12, Pet10, PCN15, Pop12, Por15, PDS09, QKP12, RAK15, Raz14, RCC12, RAB15, RLL12, RP12, Sag15, Saj11, SH11, SF12b, Sco09, SD14, SBK13, SJS15, sS12b, She12b, She13, SK15a, SA10, SK12c, SK15b, SB11, Sug13, SM14, TT10, TD14, TTZ14a, VRB13, VV15, VEKH15, Vin13, WXPS12, WL14, Wat11, Wit14, Xin15, Xu10, Xu12, YOD10, YSHL11, ZY13, ZS15, Zin12, AE17a, AE17b, AE17c, Abu18, AM17a]. **distribution** [ACO$^+$18, AGAM17, AA17b, AOÖ17, AT17, ABK17, AFL19, Alm18, ATO19, AG16, AAO17, AR17c, AD19, AJ18a, Ano23, ANA17, AEN16, ANS17, AEB17, AN17d, AAJ17, AAJ18, AGB17, AE23a, AE23c, AE23d, BK17a, BN18a, BSL$^+$19, BKN16, BKM18, Bar19, BP17, Bar17a, Bay16, BN18b, BAB$^+$18, BJ18, BB19b, BT16, BMLY19, BN16, dSBCO18, CSL17, ÇG18, CO16b, CC16a, CK19, CHM16, CG16, CD17, CG17, CCZR17, CXC19, CCM19, Che17b, CM16c, CFA17, Coi17, CLC$^+$16, CAPO17, Cos18, DPP17, DYXW19, DY18, DS16a, DMA17, DS17b, DBA18, DRAS17, DZH$^+$19, EW16, EDKAEN17, EM16, EMHK17, EN17, Fab16, FPR17, FYLC16, FTF17, zF16, GSM16, Gau17, Gen17, Gen19, GT19, GMMA19, Gho17, GH18, GHBM18, GA18, GFG16, God16, GRSN18, GDCO16, GDGG17, GT17, GW18, HG19]. **distribution** [Han19, HP17a, HA16b, HEB16, HT16a, He17, HME17, HLP17, HC16b, HR17, HWLP18, Huh16, Hut19, INOC17, IABG17, IVVG17, ICBG18, IR19, IS16, Jas19, JB18, JS18, JYX16, JY16, Jon18, JM16, JJ18, JSC17, JC18, Kal17, KAS17, KAPA19, KTR18, KJT17, KM19b, KY17a, KKH17, KI19, KKS18, Kon19, KD16b, Kou16, KX18, KN16a, KDN17, KD17b, KN18a, KVR17, KN19, KJ18, KS18b, LK19b, LHS19, LM16, LN17, LS17c, LMT17, LAF17, LM18b, LQW19, MFJ17, MK17, MTC$^+$19, Mar16, MS17b, MPD$^+$19, MKSS17, MMD18, MAS16, MOC16, MA17, MAA17, MML17, MDA16, MBAJ19, Mod17, MHF16, Mur16a, NCA16, NAC19, NRCG16, NB16, NORV19, NHN16, NAMAK17, NAB16, NB17, NM17, NM18, NY16, NA19, NN16b, Noo16, Nou17, OSX$^+$16, OMFB17, OHKK17, ÖGGB16, PBL19]. **distribution** [PWLO17, PN16, QJKC17, QK17, RS16, RLSL19, Rao18, RAM16, Ras17, RGV16, RMN16, RKMG19, RPH17, RK18, SGKB17, SP16a, SG18a, SK16a, SG16a, SS19, SBRGD16, SG16c, SK17, SBA17, Sha19, Sha18b, SSB17a, SSSM16, SC19, SUKK19, SM16, STRD17, ST17b, SSSK18, SSS19b, SK19b, SW19b, SU17a, TC17, TCM$^+$16, Tak18, Tar17, TS17b, TS17c, Ten18, The19,

TWG18, TS17f, TR16b, TPJ18, Tsi18, Van16, VS19, Wan16b, Wan16c, WH16a, WC16, WL17a, WW17a, WWY17, WYY16, WN16b, WSS17, XQ17a, XQ17b, XZ16, Xu17a, YVCA17, YSS19, Yil16, YW17b, ZMCM16, ZRL19a, ZRL19b, ZFZ17, ZRN17, vSK16, vZ17, vZvdM19, RAA17].
**Distribution-Free**
[BTK10, SH11, SBK13, WL14, BAB+18, Gau17, Mar16, XQ17a].
**Distributional** [Cha10, KM10, LTCQ17]. **Distributions**
[Afe13, AH13, AJGG14, AMGK13, AMGK15, AAE13, ADO13, AMP18, AF10, AALS12, BCS10, BNE15, BB14b, Bur15, Bur09, Cah15, CMCCO10, CC12, CC15a, CZ15a, Che11, CM13b, CA14, CdSBB15, DK09, DC10b, DGV11, DAL12, EB12, hFmH14, FLK12, FWH+15, Fer14, FFA09, FF13, GL10a, GDCOS13, GCSB10, GC12, GN12, Gup15, HV11, HM12, HS12a, HLX14, IRB13, JAA11, JT11, KRB12, KRB13, Kim11, Kit15, Kon15b, KL11, KQ11, Kur10, LWL13, Lef10, LL11, Lem14, LCG12, LBL+10, LD13, LHZR14, LG14, MS13, MS10a, MN10, MB15, Mat11, MMV12, MRS12, MSN14, MF10, Miy10, Mod12, NCO15, NSP12, NS15a, Ng12, OPSGB12, OCIS12, PT10, PS11, PJ14, PT15, Pun13, RP15, Ric13, RR09, Ryc11, SCMR15, ST10, SGD11, SSA10].
**Distributions** [SAB15, SDJ15, Sha10a, SBK13, SB14, SA10, Sto12, SSON11, TN10, TGXX12, TV11, TP14, TK14, TEF12, TH15, VLD15, WY11, Wan13b, WH13, Wil09, WW15c, XFC11, XY13, YS15a, Yeh12, Yeh15, Yu12, ZK15b, Zör14, AA19, AA17a, Ahm16, AHKO16, AO17a, Ala17, AJT16, AJ19, ARB19, ABTR19, AN17b, AGA17b, AdBPdBP18, BNZ17, Bar17c, BBG18, BH17b, Ber18, Bic17, Bob19, CL16, CK17c, CM19, CZ19b, CTAL17, CB16, CARO17, Das17a, DeR19, Djo17, DA17b, DL16, EW17, Ery17, FA19, GG18, GGDVP16, GMMA19, GCA18, GN16, GP16a, GN17, GR18a, Gup16, HOAH17, Hom17, HS17, HST19, Imo16, IF18, IS17, IAB16, JT16, JPAB17, JCN17, Jon16, Jon18, Kam19, KM16b, KK17a, KPZ16, Kun17a, KG17, KN18b, LKK17, Lie16, LW17c, LCWG16, Lou19, LQ17b, LQYZ17].
**distributions**
[LQHZ18, MK17, MM17, MAYH17, MIG17, MAAI17, NC18a, NAN17a, NSR17, mNK17, NA17, NAYC17, NA18, NY17, OL19b, OGD17, PBC17, PP18, Par17b, PMFK18, PK19, PW16, PT16, PE17, RGBG19, RMNA17, RSAN17, RCdCN16, RJN16, RN17, SGKB17, SK19a, Sch16, SG16d, SHANA18, SSB17b, Shu18, Shu19, Smi19, Su17b, SI19, TCA+16, TZ17, TKP17, Tsi15, TH17, VPCG16, VT17, Wan17b, WG16a, WCF18, XXMZ18, YYL17, Yeh17, ZVG19, ZL16a, ZWZ17, ZCCW18, ZKW16, ZY16, dPD16].
**Disturbance** [CK10, ÜY13]. **disturbances** [CS16c]. **Divergence**
[BK09, KM10, KS15a, MP14, NSL14, Pak14, SK10b, Tan13, KHY18, PHY19, She18a]. **Diverging** [EM13, WSK14, CCY17, GYL17, LY17, ZL16d].
**Dividend** [hXZ17, TMZ+17, XZ17, YWX17, ZWY16, ZDDH17]. **Dividends**
[YSK15]. **dividing** [WYG17]. **Divisia** [Bia15, Bia17]. **divisible**
[BB19b, SMN18]. **DMFA** [LP10]. **DNA** [GL19, SU13, SU17a]. **Document**
[MSB19b]. **Dodge** [YF17]. **Does** [MC17]. **Domain**
[LS12, LS15b, SNN12, Gen17]. **Domains**

[BCG11, Lu14, Lu15, RP15, Sch16, Zad15, Lu16b, Mal17]. **Dominance** [SW14c, BCB19]. **dominated** [LSL18]. **dominatedly** [SHLQ17]. **Domination** [Cey11, Lu13a]. **Don't** [SS13a]. **dose** [ZF18]. **dose-response** [ZF18]. **Double** [GS15c, KTW10, Kit15, LCT12, LL11, NAD15, OH19, WXPL13, ZM13, Zho17, Ami18, BAA+18, BAW19, COK17, Çel17, Cle18, FNM19, HBMAO16a, HBM16, HBMAO16b, HZ18a, KOA16, LK17a, LK17d, LK19a, Lu18, MF16, NS17, NSSS17, OQ17, PBA17, PBA18, SKK18, Sha18a, ST16b, SK19b, SS16g, Wan16c, ZZ19c]. **double-objective** [SKK18]. **double-ranked** [HBMAO16a, HBMAO16b]. **double-sampling** [NS17]. **Double-smoothed** [Zho17]. **double-truncated** [SK19b]. **Doubly** [AB11b, DBA18, KPS10, Kha12, KRB12, RF12, SSD18, SG10c, She10b, sS12b, She13, She14b, Sug13, ZW09, ZS10, Car17, FA19, God16, GOLM19, Kun17a, Kun17b, PR17, SS16a, She16, ZL16f]. **doubly-truncated** [God16]. **down** [AE17c, QCK19, SSSM16]. **Downtime** [JHP10]. **drawing** [NA18]. **DRHR** [WZ10]. **Drift** [LS12, SY14b, OL19a, Sti17, TK17b, Zho17]. **Driven** [PW11, Wyl13, ZZ15, dSE11, LL17e, SJ19, SW19a, TMZZ19, YSC17b, ZLZ15]. **dropout** [BJ19]. **Dropouts** [LK14]. **DRPFR}** [OL19b]. **drug** [Liu17b]. **drug-placebo** [Liu17b]. **Dual** [EB12, El 15, Ken11, LP10, MOC16, AEHQ17, HKH17, KI19, LSY17, YSG17, ZLT17, ZT17, ZWY16]. **due** [Bur17]. **Dunn** [MSB19b]. **Dunnett** [Hot16]. **duplex** [VM17]. **Duration** [MH15, OBPL15, PV14, SS12a, ZZSP14, CK17b, DPP17, GDPR17, LS16b, Liu17c]. **during** [El 17, LL17f]. **Dynamic** [AB15, BCCH14, CM16a, CB14, CD15, Fal14, Gar14, KC12, KR14, MB17b, NSL14, NN11b, RON12, SBR14, TN15, Wu11, Wu13, BW17, BK18, BCB19, GSLZ16, HH19, HJT19, KAR16, Kum17, KN16b, KK17b, KG18b, LL18b, Min17, NSR+19, Phi18, QJWC18, RASR17]. **Dynamical** [Rab13]. **dynamically** [AN17a]. **Dynamics** [PMC10, Tun15, TMZZ19]. **Dzhaparidze** [Voi10].

**E-Bayesian** [Han19, Han11, Sha19]. **Each** [YSHL11, Xu13, Xu16, XN19]. **Early** [KJD+15, LJC18, PKM17, PM18]. **Earthquake** [VLTP14]. **Economic** [BJU18, CY10, CR13, HC10, KSF17, LK19a, MB19, NGT13, Par13a, PS17b, SMSF19, WWZC18, YWLY11, ZA14, ZLT17, CSM16, FY17a, FCSH16, GFM17, HME17, KM19a, MBAJ19, NN18, PKM17, PMF17, PMKF17, PM18, PMFK18, RMM17, RFM18, SKK18]. **Economic-statistical** [LK19a, KSF17]. **Economical** [BQDH12]. **EDF** [ZXD10]. **Edge** [CDE10, SRT14, AGS18]. **Edgeworth** [Aga11, DK13, EE14, Mae10, Qum12, Yam12]. **editor** [AR17c, SG17d, Aki11, HSMK13a, Jon18, Özg19a]. **Editorial** [Ano11e, Ano12d, Ano17a, Ano18]. **educational** [SSM16]. **Effect** [CEK11, CK10, HEHM11, HYK15a, sK12a, LX15, Liu11c, Otr15, PL12, SK10a, TWH10, XFC11, YW15, Yu12, ZSS15, ZB12a, Bel17, Ber16b, DT17, DRAS17, FEP18, sK16c, LL17c, LWZ18, MN19, OMB17, RC16, SKM17, Su17b, Wan17d, WN16a]. **Effective** [SMPH15, SMMS15, KYW16, PM16b, SP16c, SMK17, SK18b]. **Effectiveness** [CC10b, Ko12, SAS11, CSM16, LJC18]. **Effects**

[AIA14, BF12, BJVV15, BC12d, BSB12, CT11, CS12, CW13, Chi10, Chi12a, Con10, DSO12, EIJK13, Eid12, GE11, Hua10, KR14, Li15, LR10b, Mån12, MMP14, Mon14, MH15, PMA11, PMFK18, Pul13, RMP12, RM15, SL15, TK17b, WLL13, WS14, WYZ15, BTC16, BJVV17, CS18, DAC17, DHKM17, EMI14, FZS19, FPCP16, FM17, GZ17, GPM18, JJ16, JKD17, LCG18, Liu17a, Man17a, MAS16, MC19, Nak17, RS19, SG16b, SE17, Sun17b, Sun17a, SJJ19, TLT17, XJW19, XXMZ18, YWZ18, Zha17e]. **Effectual** [SSB17c]. **Efficiency** [Aka10, AR17b, FF16, KV10, Ko14c, LKN15, Li18, Neg09, YDL14, CE17c, FF18, GPM18, Ko17a, ST16f, ZH16]. **Efficient** [AESO19, DLS17, Hu14a, Hu14b, JKJ16, KAD14, LX15, LL18b, LTV17, MGP14, Mao15, MSL17, MS12a, NC19a, RS13, Sha18a, SS13b, SS13c, SG17e, SSS17b, SS14b, Tu17, VEKH15, WR10, ZTZ+13, KM18, MDG19, SP16c, ST16d, SG17f, SG17g, ST17a, SG17h, SKS17]. **EGARCH** [MS17a]. **EGB1** [KM15]. **EGB2** [KM15]. **Eggenberger** [SAB15]. **eigenproblem** [WW17b]. **Eigenvalues** [Sch12]. **Eigenvectors** [Din15]. **either** [CS16c]. **EIV** [AS17]. **Elastic** [KS10a, Kaz11, MTM13, YS19]. **Elasticity** [VFP17a, VFP17b]. **Electricity** [CCL14]. **Elementary** [LIPMF13, NC18b, Pes15]. **Elements** [HP10, Rao17a]. **elicitation** [MF19, SUS19]. **Eliminated** [GH13]. **Eliminating** [CF14]. **Ellipses** [DC14]. **Ellipsoidal** [AKL15, Pre11]. **Elliptic** [AKTS13]. **Elliptical** [APA14, ABLR15, DGV11, GG10a, MF14, OPSGB12, PJ14, SDJ15, VBAR15, AN17b, AN17c, BBR17, HL16, RGBG19, RJN16, Shu19, YY16]. **Elliptically** [ASNT15, Ric13, ANA17, Rez17]. **Embeddable** [Gue14]. **Embeddings** [BCG11]. **Emergency** [Cui12]. **Emerging** [KJD+15]. **emphasis** [LS16a]. **Empirical** [Bak11, BT13, BEZ11, BZ13, CL10a, Che11, CSF12, CW13, CLC+14, CW16, Che16c, Che17a, CLW17, CLL17, EE15b, FLX11, FLW12, FH13a, FJW17, FMS15, HME12, HSHW14, Hu11a, HGZG15, HXF18, Hua11, Hua14b, LQ17a, LQ13, LLHZ16, Lia10, LW14, LW15, LLWK18, Mar15, MT16, QL11b, QL15, Qum12, SZ13, TX14, WDZ11, WCL10, WWL13, WQ14, WWT15, WW15c, XTG15, XTS16, zXyL13, YXC11, YCH17, YCZ17, Yu10, hYhW14, YHC14, ZK13a, ZWZ11, ZZ11, ZX10, ZW11, ZWPZ15, ZSY13, ZL18, AABL17, BG19b, Bic17, CNG17, CL17b, CW19b, FLL17, FM16, HZ18b, JSZL17, LCZ16, LD18a, LXT17, LQ19, MS17b, SNWL17, SLF18, SQCL19, TS17f, Van16, WHC16, Wan16d, Wan17a, WZZ17, YZ17a, YW17b, YD19b, ZT17, ZBTL17, ZRL19a]. **Empirical-Likelihood-Based** [SZ13]. **Empirically** [KYW16]. **Encouragement** [RMP12]. **End** [Ano18, Koi10, WH16a, DWX17, DW17, HSLQ17, Yan19]. **Endogeneity** [DMRO14, LG18]. **Endogenous** [LCLJ14, CLZ16, YCZ17]. **endpoints** [Tar17, ZF18]. **Energies** [GGL14]. **Engel** [LS17d]. **Engineering** [Ben14]. **English** [GDDC19]. **enhanced** [HUK19, HL18b]. **enhancing** [JR18a]. **Ensemble** [Gue13]. **Entrance** [XLL13, XX18]. **entries** [WYY16]. **entropic** [MBG19]. **Entropies** [SBR14, KN16b, SS17a]. **Entropy** [AA10, AB15, AM17a, Bar10, BR12, BEKL13, CB14, GL19, GIT14, JY14,

LLV10, PS12, AC16, BK18, Das17b, EIM18, GGtH+19, KS16a, Kay16, KR16, Kum17, KK17b, KK18, Min17, MB17b, MBF17, Mur16a, NP17a, NN16b, NY17, PM16a, Pen17, PE17, Qiu18, RASR17, SY17a, SK19b, Slj17, Too17, YYS+18]. **Entropy-Based** [PS12, AM17a, GL19, EIM18]. **entropy-type** [KS16a]. **Entry** [WK13]. **Environment** [CDZ14, SY17b]. **Environments** [MO14b, HYS18, WCZP16, ZZ17d]. **Enzyme** [Atk12]. **EOV** [Ano11e, Ano12d, Ano17a, Ano18]. **EPC** [HC12]. **epidemic** [EKZ16, FP17a, GMH16]. **Epidemiology** [KJD+15]. **EPMC** [YHS13]. **Epsilon** [AVCG10, MH11, MN17]. **Epsilon-Skew-Normal** [AVCG10, MH11, MN17]. **Equal** [KQ17, Cle18, WW17b]. **equal-precision** [WW17b]. **Equal-tailed** [KQ17]. **Equalities** [WL13, Ren16]. **Equality** [Bea15, Him10, Mod12, PS11, Sch12, VV12, YW11a, ESAKK18, MMP18, PK17, YSS18, YY16]. **Equation** [GHY11, Han15, KvdVvZ13, LY11b, MS11b, DTT+16, FP17a, LL17e, RG16, Sel17a, Wan17g, XKW19, ZKS18]. **Equations** [BCG11, Fan15, Fed14, Jaw14, KJL11, Lim11, LX13, MS10a, NY11, XGZ11, YTX14, ZZ15, ZHL15, dSE11, CCM19, LYX18, LW18b, PCL16, Rah18, SÁHLvR17, Tu17]. **Equicorrelated** [LR10a, RL12]. **Equilibrium** [Kyr16, LRZ17, NSP12, SY17a]. **equipartition** [HYS17]. **Equipower** [Sal15]. **equipped** [LL19a]. **Equity** [QWZ14, YSK15, QWWW19, ZWY16]. **Equity-indexed** [QWZ14, YSK15, QWWW19]. **Equivalence** [GST17, HB13, SA19b, JSZL17, Kam16, MH16b, ZZ19a]. **Equivalent** [Guo14, HZZ19, TE11, WY11, LO17]. **Equivariant** [CR16, SEA15, YDC15]. **Erdos** [Dvo17]. **Erdos-type** [Dvo17]. **Ergodic** [zXyL13, BLT16, BD17a, BD17b, LL17d, Tra17]. **Ergodicity** [JZ17b, JB15, LS09, Sen14, TMZZ19, ZWPZ15]. **Erlang** [EMHK17, YOD10]. **Errata** [Ano13c]. **Erratum** [Ano11f, Ano12e, Ano13d, Ano13e, Ano15b, Ano15c, Ano16a, Ano16b, Ano17b, Ano19f]. **Error** [AB09, Aoy10, BCDLA12, CY14, CKD14, DPB13, GG10a, GT15, GB12, GR15, Hu14a, Hua11, KY10a, KSBM14b, KSBM14a, KE10, KS12b, Li12b, LPN14, Liu11c, Mah12b, MV13, MS10b, Muk10, Nad10, Oga15, Otr15, Par13b, SGM11, SE13, SL15, Tan13, Tee12, Tsi14, WS13, WX15, WJH15, Xu12, XY13, YA13, Yam12, hYhW14, ZZ11, ZL14b, AH17b, BRZR16, CS19a, CD17, Che19b, CN17b, Coi17, DHKM17, DWW18, DA16, GAS17, GB18, Gha19, HL18a, HR17, JZTN17, KA18, LXT17, LL19c, Mao18, MB17a, MAG18, MGLX14, MGN16, Nak19, PY16a, PTV18, RK16, Roy16, WK19, WF17, XTS16, Xu17a, XO19, Yad16, YX17, YAA+17, Zar19, ZZL16, Zha17e, ZWNS18, ZL16g, ZL18]. **error-based** [DWW18]. **Error-Contaminated** [GR15]. **error-in-responses** [XTS16]. **Error-in-variable** [hYhW14, JZTN17]. **Error-in-Variables** [AB09]. **Error-Prone** [ZZ11, WJH15, LXT17]. **Errors** [Aga11, Alk10, ADWR11, AMH14, BQDH12, CG14a, CHH15, CYL13, DB13, DP14, DG12b, DMT+15, ER14, FLW12, FH13a, FHS15, GdC12, GH13, Gil14, HS11, LY11a, LS11, LPLW13, LW14, LW15, LH11c, LWHW11, MF14, MW10, ÖA15, QL15, RF12, SP11a, SSM12, SZD12, WW13a, Wan13c,

XLL15a, YC12, Yan12, YX15, YS15b, ZK13a, ZL12, ZZC13, AD16, AD17c, BQC17, BMQ16, BO17, Cha18, CW19a, FJW17, FPCP16, FP17b, Hay17, HJW19, HJT19, HZ19, JKL19, KGH19, LLY16, LCZ16, LX17, LLWK18, MB17a, MKY16, MR16b, NS18, NVS19, Pes17, Pop16, RWY16, Sun17b, TK17a, WP16, WH17b, WZK17, WL19, Wie18, XLS19, XQ17a, XFWC19, YZP17, YWH17, YZFM17, ZL16b, ZDZ17, ZF17, ZDW17, cZzXgL18, ZZL19].
**Errors-in-Covariates** [CHH15]. **Errors-in-Variables** [FLW12, FH13a, GdC12, LWHW11, MF14, SZD12, YX15, LLWK18, Pes17, XLS19, XFWC19, ZL16b, ZZL19]. **Esscher** [HG19, LLLL18]. **Esséen** [EdSMR14, Fro17a, Hui10, LPLW13, LLM16, MXD13, Sze17, TN13, TCN15, WWH15a, YWH14, ZL16b]. **Establishing** [CCCT16]. **Estimable** [Hua10]. **Estimate** [BAK13, DMT+15, EdSMR14, Fly10, Gue13, Lia11, XYL14, Yan14, ZYX12, ALR19, BR17, BLT16, CS16b, CLZ19, HK19a, Hen17, HHC16, Rah18, WP16, XZD19, ZZ18a]. **Estimated** [DI10, KAD14, LY11b, Mar11, RON12, Xu13, COK17, ÇE17a, HCZT19, KNHM17, KN17b, Rao17a, WYMZ17, Xu16, XN19, YKL+17]. **Estimates** [CKD14, FP12, GLZW12, GG13, GW15b, Li12b, LMR15, TEF12, UPA13a, ZLN11, BH17a, Bic17, FST16, Lu16a, ML19, SS16f, WH17b, Zen17b].
**Estimating** [AC15, BR13, BM16, Bur17, Che10a, Chi10, Fed14, FCJ+17, GZ17, GHY11, GE11, Hug09, JT19, JLL13, JY14, KS15a, KT11, LY11b, MS10a, MAG18, Mod17, MADSAS10, PK19, RPY+13, RL11b, SG10a, SK13a, Sha19, TSS15, TD14, TTZ14a, TKJ17, WL10, WLL13, Yad16, YOD10, YW15, ASG17, Bic17, Bos18, CC16c, CCM19, El 19, Gho17, GPM18, JKL19, LHS19, MKY16, MKK17, PGCT19, RSC16, Sen16b, Sen17a, Sen17b, SSS16, SP16d, ST17b, SSSK18, SSS19b, TS17b, Van16, WW17a, Yan17a]. **Estimation** [Abd15, AT19, AHH16, ADP10, AC11, AMV15, ABI12, Alk10, AN17a, AKTS13, ADWR11, Arf13, AS13, AZN15, AB19, AF10, BN17, BG11a, BH12, BZAZ15, BS16a, BAT11, BGG11, Ber12, BL13, Bob19, Cah12, CYF+18, CG12, CW14, CSB19, CS14a, CK17c, CK19, CS15b, CL10c, CW13, CZ15b, CF13, Che13, CW15b, CA12, CM13a, Ciu17, CBM14, CLV14, DNL12, DMA17, DG12b, DN14, Dji10, DCL12, Dos11, DD13, ES14, ER11, EP11, Fed13, FHZ12, GG10a, GSY10, GZSS14, GL15a, GMRN13, GR11, GP12, Gil14, GD12, GMP11, GT17, GJM14, Gro10, GY13, GHL17, GSSCR12, GS15c, HA18, Han11, Han12b, Han15, HT16a, HH19, HASA10, HF14, HS15d, HA14, HL17, Hu13, Hu14a, Huh16, HLR11, HSSP16, Isl17, JZ16, KS16a, KD16a, KTR18].
**Estimation** [Ken11, KGH19, KK11b, KY10a, KG14b, Koi10, KVV11, Kon10, KZW09, LMCH12, LMR13, LH11a, Li11, LL12, LW13a, LG18, LCG18, LLY14, LR10b, Liu11a, LWH12, Lop11, LAW+19, LSC13, Lu13b, LWWR18, MSB19a, MR15, MP12, Mao15, Mat14, MN13b, MRS12, ML13, MBN14, MB10, MW10, MSK17, Mur13, Nad10, NBS13, NBK14, NF11b, NF11a, NRP16, NP17b, Nge11, NRW15, NK15, NH15b, NP15, OU16, Pak14, PMA11, PM12, Pan19, PJ10, PGF11, PBY+14, PYB+15, PMC13, PD10, PJL13, PW11, PDS09,

PT15, QL11a, QNP12, QKCH19, Rah16, RASMN14, RSV17, Rao10, RAK15, RAA17, RvdM14, RNB12, RMP12, RM15, RPH17, RL09, RMC11, SC10, SBL13, ST10, Saj11, SG15, SG17a, SG17b, SG10c, SGM11, SSS14a, sS12b, She13, She15b, SRT14, SV10, SKK10, SK12b, SS13d, SSS14b, SK14].
**Estimation**
[SMMS15, SKM16a, STRD17, SSS18, SG19, SS15c, SRK11, SU14, SB11, SS14c, SÁHLvR17, TN10, TR16b, TPJ18, TL15b, VT15, VEKH15, VLD15, VLTP14, WR10, WL11, Wan12, WK12, WCGZ12, WZ13, Wan13c, WG15, WTZ15, WH15a, WLW15, Wan16b, WL17a, Wee12, Woj11, Wu13, WY16, WL17d, XLS19, YA13, YLS10, YW11a, YSG17, YA10, Yu12, YWLZ17, ZZA12, ZK13a, ZWLI13, ZTZ$^+$13, Zha17e, ZSWA19, ZZ10, ZJZ17, ZW09, ZHL15, ZDS16, ZYZ11, ZZL19, Zil11, ASS18, AM16, Ale16, ATO19, ÁF16, AH17b, BD16a, BTC16, BS16b, BBA16, BS16c, BSH17, BT18a, Ber16b, BT18b, BP18c, BG18, BK19, BRAS17, BCL16, BG17, BJC16, Car19, CS18, CR16, CCN17, CLZ16, CKS17, CN17a, CCZR17, CCM19, CKT18, CDS19, CLC$^+$16, CW19c, DLS17, DPZ17, Das17a, DAS16b, DWW18, DA17b, DDS16, DLZ17, EW17].
**estimation** [FPM19, GTW17, Geo17, GMR16, GFG16, GP19, GK19b, GICRR17, GX18, GK19c, Han19, HBMAO16a, He17, HZ18a, HZ19, HLR16, HAZ16, Iga16, IKH19, IF18, JZTN17, JHM19, Jun17, Kam19, KAPA19, KM18, KKH17, KJS19, KOA16, Kom17, Kon15a, KSBN17, KTBN17, KSDB18, KT17b, LA17, LPdDTH17, LQ17a, LM18a, LY16b, LLY16, LWZD17, LS17a, Li17d, LZZL17, LX17, LLM16, LZS17, LWZ18, LL17d, LARS19, LY17, LP17, LL18b, LWD$^+$18, LL18a, Liu19, LCZA17b, LCA17, LLF19, MM19, Mal17, MATC18, MA18, MT16, MMP17, MRA16, Mur16a, NE17, NLRD17, NB16, NNvRS17, NSSS17, NC19b, Noo16, Oga16, OGD17, OTA17, Pak17, PC16a, PMW17, PNPB19, Phi18, Pop16, Qin17, Qom17, RC16, RLSL19, Rao17b, Rej16, RMN16, RG19, SNSA17, SAD19, SKG18, SGGdML17, SCYR17, SCYR19, SG16c, Sen18b, Sha17, SV17, SA17a].
**estimation**
[SX18, SQCL19, SS16c, SM16, SP16b, SKM16b, SHM16, SG17e, SSB17c, SP17b, SP17c, SK18b, SSKP18, Slj17, ST18, SS16h, Son16, SSR19, SK16e, SC18, SL15, Sun17b, Sun17a, Sun17c, SBLC17, Tak18, TZW16, Ten17, Ten18, TT17, Tu17, TME19, VS19, WT15, WSW16, WZ16, Wan16c, WC16, Wan17e, WNL18, Wan19a, Wan19b, WX19, WGG$^+$19, WF17, Wu17a, WHY18, WZ19, XTT17, XZA18, XZ16, XMP17, XM17b, XKW19, YHS17, Yam18b, YLG16a, YW17a, Yan17b, YL18b, YGM19, YWLW18, YCL17, YSC17b, ZW19a, ZZ19b, ZZL16, ZB17, ZWNS18, ZL16c, ZL16d, ZWPB17, ZXF17, ZZ19d, Zho17, cZzXgL18, ZY19, ZX16, ZRN17, dAdLA18, vZ17, GK19a].
**Estimations**
[CC12, Tia12, WJY15, Han17, KL17b, Li17a, Ren16, WL19, You17].
**Estimator**
[AAP11, AK13, AK14b, AS15, BNS11, BAT15, BEKL13, CS15a, CG11a, CG11b, CLX14, EY10, ES11a, EM13, Fak15, Fau12, GFG13, GÖ12, GK11, HSHW14, HS11, HL15, HWM12, IT12, IS11, JO10, KMSS14, KCC14, KP12a,

LG10, LWY10, LYX11, LY11a, LPLW13, Li14b, LL14, LCP+14, LG14, LG11, LGX12, LN13b, LM14, MFS12, MYM11, MC11, NO12, ÖK15, Par12, PS12, QLZ14, QNZ14, RS14, SY11, She14b, SS15a, ŠS12c, Šir15, SHLK10, SK15b, TC14, Tsu14, TB13, WL10, WLF11, WH15a, WW11, WJ11, WY13, Xu12, XY12, Xu13, XY13, YC10, YC11a, YDC15, ZLZ15, Zha15a, ZTSL15, ZL14b, dCOSW13, AR17b, ABK17, Alg19, dCA19, AJ18b, ANA17, AW16, AEA17, Bak17, BAKZ18, Bin17, BB17b, CW18, Cha18, CM16b, Che16a, CE17b, CLZ18, Che19b, CN17b, CE17c, DDD17, EW16, EAE18, FZ17a]. **estimator** [FAT17, Fat13, FJS+18, FRC16, FP17b, FTF17, GR17, GB18, Gha19, Ghr19, God16, GGO17, GMS18, HKH17, HWH18, HWY17, HLR16, IES+17, JSSO18, JXW17, KD17a, Kaç19, KAT18, Koy18, KNH17, LP19, Li16, Li19, LY16c, LL19b, LTS16, LO17, MO18, RM16, MGLX14, MGN16, MHF16, Nas18, OH19, OOT19, ÖK17, Ozg19b, SB16a, SGGdML17, Sen16a, SA16, She18a, SNW19, SSS16, SMP18, SPY18, SA19b, SS16i, TK17a, VW18, Vis18, WH16a, Wu16b, Wu16c, WF17, Wu17b, WA17, Wu18a, Wu18b, WAA18, WCF18, Xia17a, XJW19, Xu16, Xu17a, YH16, YYY17, YWH17, YWL17, Yil18, ZC17b, ZDW17, ZL17, FM16]. **Estimators** [Arn11, ABC12, BGG11, BS15, Bur09, CGW15, CY14, CK10, Chr10, DM11, DK13, DP10b, DSSL15, ES14, FJ11, Far11, Gil12, GBD10, GMN13, Gru12, HS13a, HB13, HYK15a, Hon17, HK13, HL13b, HS14, JRM10b, JFA12, KMS13, Kir12, LMG13, Lec11, LX10b, LY10, LvR12, Li13a, Li14a, MKS15, Mah12b, MS15, MSW13, Neg09, Oga11, ÖÇO14, Pet10, Rah12, RB11, SN12, SG10b, SEA15, She10a, She12b, SY14b, SP13, SS13b, SS13c, SS13e, SST14, ŠS12c, Šir14, SS14b, SS15b, SS15c, SKHL10, Sug13, SV11, TTC17, TT10, TN15, ÜY13, WSW11, WZ15, WWH15b, WWW13, XY11a, YUSC13, YUSC14a, YUSC14b, YC12, YLX10, Yan12, YMF15, ZL12, ZFL13, AS19, Ahm16, AMP17, ARJF19, AESO19, AEA17, BN18a, Bay16, BBR17, BD17b, CZCM19, CS16a, CX17, CH19a, CS19a, CW19a, CM19, Che17b]. **estimators** [CM16d, DK17a, DBA18, DA16, DS16b, DS17e, EEE16, FM16, HBM16, HW18a, HJC17, IK18, Ima17, JKJ16, JYX16, JY16, KT17a, KJ17, KR16, KKS18, KZ19, KA18, LY16a, LN17, Li18, Lin19, Liu17b, LTC17, LTV17, MSK18, MBS+19, MMT17, MMD18, MKK17, NO18, NIN17, NVS19, PK18, PM16b, PT19, Ram17, SG16a, SSS19a, SG17c, SGA19, SKT16, SP17a, SSS17a, SPS17, SKS17, Sla17, SS16g, SA17c, SSY18, SJJ19, TKP17, Wan16a, WZK17, Wu16c, XHL18a, XN19, XO19, YGL16, ZB19, ZXSZ18, ZRL19a, ZL18, Zin18, ZHZA18]. **Euclidean** [Lii17, dCOSW13]. **Euler** [LL17e]. **European** [CMN+18]. **EV** [YX15, CKS17, Liu11b, MLGZ14, WCL10, Yan12, ZSS18]. **Evaluate** [Cui12, DZ14, Ko14c, Ko17a]. **Evaluating** [Chi11, TWH10, AL16]. **Evaluation** [BAK13, CKD14, CDZ14, Cui12, DDGM13, DK17a, EI11, FHS15, Fon14, LH14b, ÖK15, SW14c, WZT15, ZSD+15, AHEA18, DTT+16, GAS17, Kha16, LdM17, NKG16, NRN+17, OPK18, RWY16, WCZP16, aYwSlDmS17]. **Evaluations** [AA13, Liu17b]. **even** [SY17c, TY17]. **even-odd** [TY17].

**evenness** [HK19c]. **Event** [DS09, DC10a, Ko14a, Ko15a, MH15, ZZS13, ZWZZ15, Ber12, BG16a, DDS16, EMI14, Fan18, HDS16, HNB17, LL17c, She18b]. **Event-Dependent** [DS09]. **Events** [Ber12, DS09, DPB13, FNDM12, KJD+15, KNK13, KCS12, LSZ13, ZWZZ15, FMPF16, GZ16, Kon16, OAOQ16, PF19, WN16a]. **every** [Van17]. **everywhere** [YZG17]. **Evidence** [MC19]. **Evolution** [Fan15, Kor11, MA11, SY17a]. **Evolutionary** [GG10b]. **Evolutions** [Lim11]. **EWMA** [ARD14, AR17a, Haq18, HUK19, HK19b, HCZT19, KAJH18, KTW10, KCL+16, MN13a, SZ13, ZSJ16]. **EWMA-** [HUK19]. **EWMA-Type** [ARD14]. **EWMAMS** [DHKM17]. **Exact** [AA17a, BF10, BF12, CC16c, CG17, CM13b, CA14, Cox15, Fu11b, GC12, Ham12, IUT12, KJD+15, Kir12, Mah12a, Pao10, Pie11, RB10, RZ14, Tak10a, Wan12, Xu12, pZ13, vZ17, Bar17a, Bar17b, KC16, RK18, ZS17b]. **Example** [Afs13]. **Examples** [Car17]. **Exceedance** [Sto11]. **Exceedance-Type** [Sto11]. **Excel** [Pel17]. **exceptional** [KY16]. **Excess** [XZNL15, Zoi09, FPZ16, LRZ17]. **excess-of-loss** [LRZ17]. **Exchange** [LLLL18]. **Exchangeability** [Mod12]. **Exchangeable** [Ery12, MS13, RF12, Wit14, BG17, PR17, SHB17, YYL17]. **Exciting** [MSP12, WWWX19]. **Exhaustive** [Kem11]. **exist** [Nie17]. **Existence** [HYK15b, KHY17, MS11b, SY17b, Zen17b]. **existing** [Kia17]. **Exit** [SS10b, SS14a]. **exogeneity** [Tch19]. **Exogenous** [XLPL12, XLL15a]. **Exotic** [Vas13]. **Expansion** [Aga11, Mae10, OCIS12, Qum12, SY10, Xu10, Yam12, Ai17, AS18, Are16, CMN+18, Cos18, HWLP18, KKKÖ17, She18a, ZC17b]. **Expansions** [AKK09, BCH15, EE14, EdSMR14, KK11a, KOP13, KOP14, NY11, Oga11, WH13, CD17, Hac18, HLP17, WN17a]. **EXPAR** [MDC16]. **expectancy** [SS16f]. **Expectation** [AH13, KN18c, LWL13, LMM15, Wan15, ZRL19b, CF16, CHZ17, CPW19, GHSZ19, HZW17, Slj17, WHYW18]. **Expectations** [Ryc14a, Ryc14b, ZC14, CL17a, FWW19, Gor17, GR18a, HC16a, KR17, KG17, WW19, YW18]. **Expected** [DHK17, EF11, MWW14, VYZ14, Bia17, Kar17, NCA17, XZ17, YZ17a]. **expectile** [WZ19, XQ17b, ZZ18d]. **Expenditure** [AZN15]. **Experiment** [Jaf13]. **Experimental** [Atk12, FH13b, FG11, PK12, ADKZ16, Bow17, LZ18, MP17]. **Experimentation** [RSV11]. **Experiments** [AGVGP+11, BO14, BSB12, CEK11, CS11, NFZ11, Pre11, Sty10, WW13b, Web11, ZB12a, BO17, BVJV17, CE17b, EIM18, KB17, LL16, MEZ16, Mat18, Nor16, PLDS17, ST16b, Wan17c, Wan17d]. **Expert** [SA14]. **Explanatory** [BSSJ11, ZW11, YW17a]. **Explicit** [ES11b, Shu19, Tia12, YJ19]. **exploration** [LDL18]. **Exploratory** [Bea13, WH18]. **Exploring** [FTF17, GBC12]. **Exponential** [Aka10, AMZ15, AM15, BDKM12, BHLK15, BHB15, BZAZ15, BR12, Bas14, BBT13, Bos15, CXS11, CN17c, CT14, DB13, DB15, DJ15, DLL13, DC10b, DAL12, GT19, GY13, GW15b, HA16a, HN14, HS15b, HD15, JMEM14, KG15, Kum15, LL11, Lem14, LJ13, LDS18, MN10,

MADSAS10, NH15a, NA12, NAB12, NABA15, PJ10, Pao10, Pet10, PJL13, PCN15, QKP12, RD16, RB10, SKG12, TC14, TTC17, TTZ14a, VZ19, WTB11, WWW17, XY09, YUSC14b, YCL14, ZLD11, ZS15, AA17a, AHKO16, AO17a, AN17a, AB19, AAK17, AAJ17, AGB17, BNB18, BKGD17, Bob19, BN16, CBSN16, CR16, DP17, FYLC16, GCA18, GOLM19, HD17, HT16a, He17, Hut19, IF18, IS16, JN18, JT19, Jon18, KNC18, KQ17, Kou16, KX18, KDN17, KZ19, LQ17a, LW17c, LWWH16, LTS16]. **exponential** [LQYZ17, MDG19, MFJ17, MK17, MP16, MTC+19, MDA16, NP17b, Noo16, NC18c, PC16a, PK19, PM16b, PY16b, QJKC17, QK17, RMM17, SNSA17, SK18a, SG17c, Shu18, SP17a, SSS17a, SP17c, SS18, SPY18, Sun17a, TR16b, Wan16b, WN16a, YVCA17, YWX17, vSK16, vZvdM19]. **Exponential-Gamma** [CXS11]. **Exponential-Geometric** [DAL12, BZAZ15, BN16]. **exponential-type** [SP17a, SSS17a]. **exponential-weighted** [GCA18]. **Exponentiality** [BT13, PMA14]. **Exponentially** [AP17, MZ10a, MRS12, Men10b, Men13a, AAJ16, GW19, Kre18, TS17e, WT18, YKL+17]. **Exponentiated** [AF10, AE23d, CG15, Coo13, GDSC15a, KSDR15, LK19b, PWLO17, AE23b, BNB17, BNB19, HNB19, Han19, KTR18, KD17b, MOC16, MAYH17, NAB16, RAA17, RMNA17, Smi19]. **exponentiated-log-logistic** [MOC16]. **Expository** [Ham13]. **expressed** [KR17]. **Expression** [HL11, ML19]. **expressions** [AIIK17, NC18b, vZ17]. **Extended** [AJGG14, AO12, Bos15, Can15, CS14a, CYY14, DAL12, GMB+13, GP12, GdSC15b, KCS12, KA15, KDN17, LVH19, OPK17, PCN15, SCC12, SSON11, WL10, WHVH13, WLHW14, AMV18, AAL17, BSL+19, BKN16, BNB18, CL16, CLC+16, GQC18, MML17, NA17, OPK18, ÖK17, Sab19, SXW17, WH17b, YQC17, YW18, ZW17a, Zha17a, ZW18]. **Extending** [AASRZE17, Zhu10]. **Extension** [AVCG10, CZ15a, Li13b, OPSGB12, PP10, YWLY11, ATO19, Bak17, Bud16, Coo19, Djo17, GQC17, HME17, JSS16, KJT17, KK17b, KK18, NA19, PM18, PN16, SS19, Sch17, Sha18b, Wu17d, Zha16b]. **Extensions** [BM10, Dji10, Hay10, LRC17, OCIS12, BAT+18]. **Extent** [GH13]. **Extinction** [VYZ14, Fro17b]. **Extra** [DZ15]. **Extract** [LH11b]. **extragalactic** [DBC16]. **Extrapolation** [BCDLA12, HM15, Wan17e, Sab19]. **Extremal** [BNE15, Kon11, AEHQ17, CY17a]. **Extreme** [AT11, BGG11, CP14, Cra14, Fer14, GD12, GMN13, HLR16, RL11a, Ryc14a, Yan15, AEB17, Ber16b, BBS16, DYL17, FMPF16, GGO17, HWLP18, LK19b, LYR+18, LL19b, OGD17, PF19, RMN16, Roo18, Sch16, SK17, WDLZ16, ZWZ17]. **Extreme-Value** [GMN13, OGD17]. **Extremes** [FZ10c, LZPJ11, TW13, CD17, FL18a, HLP17, LP18]. **Extremum** [Kom17].

**F** [Ano23, SG17d]. **facilitate** [Cox19]. **Factor** [ADWR11, Bea13, Bea15, Bi15, DD13, FHS15, Hua10, LP10, LH11b, OQL12, SBL13, SNN12, WS14, BH17a, CMN+18, FZ18, JSC17, MH16b, SAKK15, YWZ18, YM17, ZZ19e, ZH16, ZS17b]. **factor-covariate** [FZ18]. **Factorial**

[CT11, CEK11, CJ15, Fon14, HYK15b, Jac11, KG14a, LHHC14, MGM13, MH15, Tin10, TT11, WW13b, WYZ15, YH11, BVJV17, CZ19a, DT17, GPM18, KHY17, MH16b, Nor16, PPMD19, Wan17c, Wan17d, ZL16e]. **Factorials** [OQC14, GQC17]. **factorization** [TZ17]. **Factors** [AA13, CT11, Con12, HLL15, MGM13, SCC12, Tin10, WYZ15, Web11, ZZP10, Bic19, CRTdC17, FP17b, LWG18a, PPMD19, XK18, ZS17b, ZLZ19]. **Fail** [BHB15, FTF17]. **Fail-Safe** [BHB15, FTF17]. **fails** [Yan16]. **Failure** [AA14, BLN13, Bas14, CY10, CB12, COL15, DN14, FMS15, Han11, Jia12, KRB12, sK11, Ko14a, Ko14c, Ko15b, LY11b, PS14, QZZN10, QNZ14, RM14, Ryc14a, SJS15, TWH10, TK14, WS11, ZW13, AE17c, CSY19, CB17, CF19, DE17a, HA16b, KJT17, Ko16a, MKSS17, NB17, PKM17, RLSL19, SDS17, TPN18, YCL17, ZW17a]. **Failures** [BC12a, CGSM10, Sco11]. **Fair** [DW13]. **Faithful** [AT17]. **falls** [Kon19]. **False** [De 11, DZL18, Mel13, MWW14, Bic17]. **Familial** [SC10, Den17]. **Families** [AMZ15, FFA09, MS15, MA14, Ryc11, SA10, BMFS18, CM18, DL16, HBMAO16a, LQ17a, SSS17a, WN16a, fZWD19]. **Family** [Aka10, AJGG14, Ano13b, AF10, Cey11, Cha10, CK10, CZ15a, Coo12, GL10a, GEA$^+$10, GCSB10, GC12, HS13a, IAA15, LCG12, LHZR14, LG14, MS10d, NCO15, OPSGB12, Pun13, SSON11, TB12, TV11, Wan12, YUSC13, AA19, AMP17, AHKO16, AO17a, AN17a, AL16, BKGD17, CM19, CB16, CARO17, CBOR18, GGDVP16, Ghr19, Gup16, HOAH17, Han19, Har17, JKJ16, KCY$^+$19, KN18b, KH18, MN17, MM17, MAYH17, MAAI17, NORV19, NAYC17, RSAN17, SSB17b, Shu18, SKT16, SS16g, TCA$^+$16, TWG18, TKP17, Wan17b, ZY17b]. **Familywise** [WX15]. **Famoye** [Ano23]. **Far** [Koz12, CMS17]. **Farlie** [Gup16, PV16, TB12, YYL17]. **Farlie-Gumbel-Morgenstern** [TB12]. **Fast** [Afs13, SSS14a, Lu16c]. **Fast-** [SSS14a]. **Faster** [TL15b]. **Fault** [Ber12]. **Fay** [HEHM11]. **FBSDEs** [CL10c]. **FDR** [GW15a]. **feature** [HSW17]. **features** [Lu16c, Ram17]. **feedback** [GMR16, ZG19a]. **Feller** [MEG15, NMAA19]. **FEXP** [Nar13]. **Feynman** [BCG11]. **FFT** [FSSW17]. **FGM** [TB12, Coo19, LSC13]. **Fiducial** [KZ15, NORV19, TL15a, Bic17, Bic18, ESAKK18, NO17]. **Field** [GV11, Jia12, Ko16c, PM16a, ZSL17]. **Fields** [Ko13, Ko14e, LG10, Li13a, RMC11, SMM10, WDM14, Ham19, Ko17b, STD18, Tan18, Wu17d]. **Filter** [SÖ12, Nas18, TL17]. **Filtered** [SSS14a, AESO19]. **Filtering** [Piz13, TL17, Yam17b, Yam18a]. **filters** [GS19]. **Final** [EKZ16]. **Finance** [CL10c, KDK14, MC19]. **Financial** [Bin14, CGW15, Hua14b, PT10, SDJ15, TT11, Yan14, KYW16, MDG19, Quo17, ZT18]. **financing** [ZDDH17]. **Find** [MF10, ZK13b]. **Finding** [FF18, Kus18, SKK16]. **Finite** [BR19, CG11a, CP14, DG12b, Dra13, EY10, Fal14, GS15c, HJ14, MS14c, NF11b, NF11a, Par17b, QZY12, SG10a, SG10b, SK13a, SKK10, SS13d, Sub14, TC14, TSS15, TTZ14a, Vas14a, XLL13, Xu16, YUSC14b, Yan14, YMF15, AHH16, ASG17, BRAS17, CS19b, DYXW19, Dut17, zF16, HKH17, HZ17a, HLY16, JN18, KGH19, LWG18a, LQW19, RM16, MKK17, MSK17, OE16, Sen16b, Sen16a, Sen17a, Sen17b, Sen18b, SG17a, SSS16, SPS17,

SPY18, Vas16, WYY19, XM17a, YM17, YJ17, ZCC16]. **finite-dimensional** [YM17, YJ17]. **Finite-Population** [SKK10]. **Finite-Sample** [CG11a, Par17b]. **finite-state** [HZ17a]. **Finite-time** [HJ14, Yan14, LWG18a]. **Finitization** [LCG12]. **Fire** [NB15, ANS17, DTT+16]. **First** [Aka10, Bar10, Geo17, GSB12, GL15b, GB12, IO13, ITG09, LLV10, Nge11, SP11a, SS10b, SS14a, Yan15, hYhW14, ZY10, ZWZ11, ZZC13, Are16, BP16, BCK17, Cha16, Ery18, FP17b, HZS17, KM19b, KLKK17, SN17, SW19a, WN16b, YW17a, ZL18]. **First-** [Aka10, ITG09, Yan15]. **first-difference** [FP17b]. **First-Exit-Time** [SS10b]. **First-Order** [Bar10, GSB12, GB12, SP11a, ZY10, ZWZ11, ZZC13, hYhW14, BP16, BCK17, HZS17, KM19b, KLKK17, WN16b, YW17a, ZL18]. **Fiscal** [HH13]. **Fisher** [AAR11, Are16, BER16a, Fre14, GCA18, Ham12, JR18a, Kaw13, LPC17, LYR+18, MEG15, NH15a, PL12, SP11b, Voi10, WH11, YSD+16]. **FISSARMA** [GS13, GS15a]. **Fit** [BLN13, BR12, Cag12, DTO11, DTO13, HXL13, HME12, HLR11, KM10, LLP10, LL11, Li12a, PS12, SA10, VP10, Voi15, WDZ11, YXC11, ZXD10, AM17a, AP19, BB19a, BRY17, CL15c, Coi17, GL19, GF17, JRF17, Kou16, LM16, MGAf14, Nou17, ÖGGB16, RAB15, She16, TS17f, VPMV16]. **fitted** [AT17, YH19]. **Fitting** [ABES18, AAG12b, DG11, Eid12, NIN17, She15c, SLSE19, SA10, TH15, XM17a]. **Five** [SA10, SMN18]. **Fixed** [BF12, CLV14, Eid12, GL11, HM12, LR10b, MF10, PR11, QL11b, Ber16b, sK16c, LX17, Liu17c, Liu17a, SBA17, SE17]. **Flat** [Ham10]. **Flatland** [Dru17]. **flattened** [SC19]. **Flexibility** [MH11]. **Flexible** [BP15b, BG11d, GP12, KP13, NAA13, BSGS16, FI17, KN18a, PP18, Yil16]. **flooding** [ZH16]. **Flow** [CL10b, PK11]. **flowgraph** [SF16]. **Flows** [AB11a]. **flu** [KD16a]. **Focused** [DZX13]. **Fold** [Par13b, PY16a]. **Folded** [NB15]. **folding** [CJ15]. **Foldover** [Sty10, EQ17]. **Foldovers** [Jac11]. **Follow** [Xu12, YSK15, Liu17c]. **follow-up** [Liu17c]. **following** [LCWG16, YL16]. **Food** [KLS12]. **football** [JCN17, NC18a]. **force** [Li17b]. **Forecast** [MS12b, MS17a]. **Forecasting** [AP12, BHKHM13, Ho16, Kha11, ZK15a, ARA16, HHC+17, LGY17]. **foreign** [HZ17b]. **forest** [BH17c, WHY18]. **forests** [DLB17]. **Form** [AAP11, CCH+10, RR14, Wil09, ZI12, ZI14, Ala17, LdM17, MIG17, WSW16]. **form-invariant** [Ala17]. **Forming** [Jor13]. **Forms** [Are14, RLL12, SK12c, BBC18, KK17a, RK18, Zha17b, ZKW16]. **Formula** [BBC13, BCG11, BM10, Bia12, CCH+10, CBB06, Kal17, MBS17, NHN16, WLZ17]. **Formulae** [Chi11]. **Formulas** [Kir12, Lu14, LS15b, Lu15, Xu12, KN18c, Lu16b, Shu19, YJ19]. **formulation** [Bow17, Hut19]. **Fortunato** [Mon12]. **Fortune** [MS14b]. **Forward** [MS10c, MS14c, ZG17a]. **Four** [WYZ15, ACO+18, Wan17c, ZLYZ17]. **Four-level** [WYZ15, ZLYZ17]. **four-parameter** [ACO+18]. **Fourier** [FM10b, KL17a, ZG17a]. **Fourier-cosine** [ZG17a]. **Fourth** [KV10, Cav17, Wie18]. **Fourth-Order** [KV10]. **Fractal** [RMC11]. **Fraction** [ABI12, ZZ10, CRTdC17, GZ17, She18b, UK16]. **Fractional**

[BKP11, CT11, CLV14, Fon14, GWK19, GIT14, HYK15b, Jac11, Kaw13, LHHC14, MS11b, Tin10, WYZ15, YH11, Zha13, ZLD15, Ben19, CZ19a, FNM19, JZ16, KHY17, LL17e, LZF17, LTC17, RAAJ17, SSC18, SXZ17, Sti17, XML16, Yu19, ZLD16]. **Fractionally** [GS15a, GS13]. **Fractions** [RSV11]. **Frailty** [CRTdC17, DS09, EMI14, HD13a, HS15a, HS15b, HS15c, HD15, Ko10b, sK11, Man11a, Wan10b, WK12, HP16, HB16, HB17a, HP17a, HB17b, HP17b, PBL19, ZSWA19]. **frame** [Haq17]. **Framework** [BBB10, CCL$^+$13, KS10a, RL11a, CMS17, DHP$^+$16, GHSZ19, GL19, HA18, HZW17, Kam16, ZLDT14]. **Frank** [GGL14]. **Franklin** [JSS16]. **Franses** [dBCR15]. **Fréchet** [BSCS11, KJAR13, NA19, AT15, TC17]. **Free** [BTK10, CC10d, DM10, Hil15, SH11, SBK13, WW13b, BAB$^+$18, Gau17, Mar16, WL14, XQ17a]. **Freedom** [KMC10]. **Frequencies** [BDS11, GEM$^+$18]. **Frequency** [sDsWcCjK14, JLL13, Kaw13, SNN12, GR18b, KAW$^+$18, LG18, LR19, Quo17, WdX17]. **Frequentism** [Bic12]. **Frequentist** [BAK13, Far11, WZ13, ZK13b, BN18b, BH17b, Bic18, Sil18]. **fresh** [PM17]. **Friedman** [LVH19]. **Frisch** [Yam17a]. **Frontier** [Ko11]. **Fubini** [HZW17]. **Full** [Dem14, RGL12, Vij11, CYF$^+$18, GPM18, HK19a, KM19a]. **Fully** [CC10d, KM18]. **Function** [Abd15, AT11, Arf13, AB11b, BA10, BG11d, Cah12, CS14a, CZ15a, CS15a, CW15b, DL11, Eid14, FG11, GS15a, GP12, HKR15, HKNL15, HX11, Hod14, Hu11b, Hu13, HGZG15, JRM10b, KRH12, LH11a, LWY10, Lia11, Lop11, LLSM14, Mah12b, MCY14, MC11, MKD11, MSN14, NS15a, Neg09, QTD10, QLZ14, QNP12, RASMN14, SG10c, She10a, sS12b, She12b, She13, SS14a, SB11, Sug13, TN10, TT10, Tan10b, TB13, Vin13, WG15, WWH15b, YSHL11, ZZA12, ZFL13, ARJF19, Alv16, BT18a, CRTdC17, CS16a, CX17, CH19a, CCN17, CDS19, Fab16, GH19, GKP16, GT17, HA18, Han19, HW18a, HLY16, Huh16, JN18, JSSO18, JN19, KM19b, KT18, KN17b, LdM17, LA17, LM18a, LX17, LWD$^+$18, MC17, MS17b, MAG18, Mod17, MKY16, NP17b, OTA17, ÖK17, Pak17, PMKF17, PMFK18, Roz18, RK18, SAD19]. **function** [SYC19, SK16a, SK19a, SQCL19, SR18, Ten18, TS17f, Van16, VFP17a, WL17b, WZK17, WYMZ17, XZ17, Yan17a, YSD$^+$16, You17, ZJZ17]. **function-based** [BT18a]. **Functional** [DNL12, ER11, Fu12a, GG10a, GKW14, HL11, HS15d, Hu13, IP13, Kaz11, LLY14, MS12a, Rao10, RGM15, THHL15, WW15a, zXyL13, ZI12, ZI14, ZPZ10, AS17, ALR19, Ayk19, BLT16, HA18, Hen17, HXF18, LM18a, Li17a, LL17d, Nas18, OW19, Qin17, SK16a, SB16a, TT17, XZA18, XML16, XHH17, ZWL16, ZZL16, ZDZ17, ZDS16, ZZL19]. **Functional-Coefficient** [WW15a, TT17]. **Functionals** [Lim11, SY10, KS16a, Lii17, NS16a]. **functioning** [Gol16]. **Functions** [AE13, ADP10, AYC$^+$12, BCS10, BYDM15, DMP11, EB12, EE15b, Fel10, FP12, Gro11, Gup15, HM12, Hud14, LX10a, LQ13, MFSAS10, Mat11, MSW13, NS15b, PT15, QQL14, RvdM14, Tak10b, Tee10, TS12, TAY11, WDM14, WK13, zXyL13, AE17a, AE17b, BU17, BP17, Bic19, CH19a, Car17,

CK17c, CNG17, Che17b, DRAS17, FPZ16, IS17, JZ17a, KM16a, KG17, LWD+18, Mna17, Mur16a, NSS18, NP17a, PA18, PL17, PY16b, SG16a, Sel17b, SV17, SW19c, SSD19, TS19, VS19, VN18, YM18, YL16, ZW18, ZZJ19]. **fund** [QJWC18]. **Fundamental** [LX13, MV14]. **Further** [AER16, DCL12, HWW15, IAA15, Qiu18, YYX14, YH16]. **fused** [SUKK19]. **Future** [BSSJ11, PK11, RA11, CCMA18, Tri17]. **Futures** [HL18b]. **Fuzzy** [Cui12, MN13b, Tor12, WLY14a, Yen12, HA17, SV17, Sha19, Sym19, THV16].

**G** [AE23a, AE23c, AE23d, BL19, MBS17, SLOT17, SG17d, YFV19, ZG19a]. **G.M** [AE23b]. **gain** [LSY17]. **Gait** [KS10a]. **Gait-Cadence** [KS10a]. **galaxies** [DBC16]. **Galton** [Fro17b, VYZ14]. **Gamma** [AE17a, AA15a, AKK09, AG16, AD19, AE23a, BP15b, CC12, Cha15, CXS11, CJ19, CA14, EMI14, GH18, GDCOS13, HS15b, HP16, HME12, IANT13, KCK10, KL12, LF17, Mea15, NBK14, NNN10, PS14, Pop12, She14a, TK14, cTtL14, VRB13, WP18, AE17b, AB17, AMV18, BAF19, Ber18, BPS16b, CBOR18, DeR19, DW19, GWK19, GPP19, HNB19, HB17b, KT17a, KAS17, Kvå17, LdM17, MC17, MMD18, MHF16, NAN17a, PSF16, PN16, SP16a, SS16b, YW17b, Zha17d, ZZ17b, ZRL19a, BIJ17, IABG17]. **gamma-beta** [NAN17a]. **Gamma-Generalized** [GDCOS13]. **Gamma-generated** [TK14]. **Gamma-Kumaraswamy** [AE23a, GH18]. **Gamma-Pareto** [AG16, AD19]. **gamma-Weibull** [SP16a]. **Gap** [PB17, Alv16, CT16, HHS18, She18b]. **Gap-based** [PB17]. **GARCH}** [BG18, BG19c, BK19, ARA16, Che13, GK19b, Iqb13, LS09, LS11, LCZ16, LTCQ17, LWG18a, Mån12, MC19, Rao17b, XLL15a, ZWLI13, ZWL16, ZX16]. **GARCH-** [ZWL16]. **GARCH-in-Mean** [ZWLI13]. **GARCH-Type** [Iqb13, Che13, Rao17b]. **gateway** [MV16b]. **Gauge** [GV11, RWY16]. **Gauss** [SN12]. **Gaussian** [Ale16, Alg19, AK14c, AAM14, BNZ17, BP18b, Ben19, BR11, CJ17, DMST12, Den17, FR10, Fat13, GMMA19, GDCOS13, GDPR17, Gra17, HD13a, HS15a, HB16, HP17b, HT10, HW15, HH13, HL15, JS13, JD16, Kal17, KK11a, KOP13, KOP14, KT18, KRMG19, KNH17, Lef10, LN17, Lu16a, MR15, MBV17, Mud16, Nak17, NSR+19, NH15b, NPC17, SSD18, TW13, Tan18, THHL15, VEKH15, WK12, Wu17d, XZD19, XLS19, XZ19, ZX18, Zoi09]. **Gaussians** [DB13]. **GEE** [CE19, LCZA17b, WP11, XXMZ18, ZX18]. **GEE1** [Nak17]. **Geiger** [SAB15]. **gene** [AIIK17, ML19]. **General** [Ben14, Bia12, CC10c, CBOR18, GL11, HN17a, HC16a, IRAB13, IAA15, LWZ13, LPN14, LJ12, LZ14, LR10b, LWR11, LR10c, Mat11, Men19, NP15, OM13, PNK18, RL09, Sho15, SS15b, Tak14, Tia12, VV15, Vas14b, Wan12, WL13, WZ16, WHV16, WW11, Xu12, Yeh12, Yeh13, Yu10, ZB12a, ZK15b, AAK16, BIJ17, Bin17, CK17c, CD17, EE16, FWLL19, Fon17, JN18, Kam16, KP19, KM18, KRMG19, KG18a, LB16, LMT17, Mar16, MIG17, OH19, PGCT19, PP18, QC19, Ren16, SLOT17, SHB17, SP17a, SKK16, Sun17c, SBLC17, Wan17b, WG16a, XZ16, XHH17, YFV19, YZ17b, ZYLZ17, ZB17, ZS17a, ZZ18e]. **generalised** [KJS19]. **Generalization**

[Aoy10, Bia15, CG15, HW11, JRM10a, MM13, She14b, VRB13, CO16b, DC17, FF16, JS18, KH18, NAB16, NB17, OB16, SSB17a, Smi19]. **Generalizations** [Đor11, OCIS12, TY17]. **Generalized** [AB15, AH13, AMV18, Ala14, AK14b, AN17b, AW16, ANS17, BNE15, BEY18, BBC13, BBT13, Bur09, CLGFB15, Cha10, Cha15, CRG13, CW14, CC10c, CM12, CKD14, CA14, CBB06, CdSBB15, COL15, DDGM13, DJVV17, Deb12, DLL13, EB12, EDAAS12, Fam15, Fed14, FWZ$^+$17a, FV11, FBS10, Fon17, Fu12c, GLZW12, GGL14, GP12, GBD10, GMN13, GDCOS13, GK13, GHY11, GSA14, GC12, GY13, GW19, GL10b, GMSD13, HA16b, HS11, HLR11, JMEM14, JZQ15, JT11, KM10, Kát11a, KS17, KG14b, KG15, KA15, Li12a, LX15, LMZ17, LL14, LG14, LY11b, LXT17, LTS16, MEG15, MZ10b, MS10a, Mea15, MN15, NAB12, NAA13, Oli13, OBPL15, PSP12, PC10b, RP10, Ryc14b, SBL13, SBR14, She12a, SCC10, SP11a, SP11b, SCdSP10, SW19b, Sou17, SSON11, Tan10a, Tan13, TX14, Tor12]. **Generalized** [TK14, UDC12, VML$^+$10, WZ10, WY12, WXZ13, WSC13, WX15, Wee12, WWW13, WH10, XZNL15, XYH12, YUSC13, YHC14, ZI12, ZI14, ZK13a, ZLN11, ZWZ12, ZWPZ15, Zha15a, ZZLL15, ZS15, Zör14, dPD16, AE17b, Aga17a, Ahm16, AMP17, AR17b, Ala17, AEHQ17, AFL19, ATO19, ARB19, AEB17, AGB17, BK18, BD16b, BT16, Bib16, CY17b, CSY19, CCZR17, CCM19, CM18, Coi17, CARO17, CAPO17, CFK17, CCY17, Das17a, Das17b, DY18, DA16, EP17, FI17, GSM16, GA18, Ghr19, GFG16, GXB18, GDGG17, Gor17, GSLZ16, GYL17, HOAH17, HNB19, HN16, Hom17, HC16b, HR17, HS17, HWLP18, IVVG17, JZ17b, KD17a, Kay16, KJT17, KKKÖ17, KI19, KD16b, KN16a, KK18, KG18b, LP19, LK19b, LM18a, LN17, Li19, LSW17, LZF17, LP17, LWWR18, MBS17, MFJ17, MP16, MC17, Min17, MML17, MBAJ19, Mur16a]. **generalized** [NHAMG17, NP17a, NA17, NN16a, NAYC17, Nor16, OHKK17, PBL19, PMF17, PV16, Pen17, POS$^+$19, PW16, PE17, RMM17, RMN16, RTT17, SG18a, SBRGD16, Sch16, SK18a, SG17c, SGA19, Sha17, Sha16, SSSM16, Sha18c, SUKK19, SSB17b, Shu18, SSS16, SS16g, The19, TP19, TR16b, VW18, WC16, Wu18a, Yan16, YYS$^+$18, ZXM16, ZZZ19, ZHZA18]. **generalized-difference-based** [AR17b]. **Generalized-order** [BEY18]. **Generalizing** [MM11b]. **Generally** [CL14, Hua14a, SL13, SHH13, TKW12, Lu18]. **Generated** [El 15, Pun13, SGPA12, Web12, AHAH17, BKGD17, CBOR18, DTWW17, NA18, RSAN17, SS19, TK14, WN17a, WN17b, WZ19]. **Generating** [Dem14, EB12, Xia17b, Jon18, MK17, SAD16, SW19c, WYMZ17, ZY17b]. **Generation** [Fer14]. **generators** [NO17, SJ19]. **Genetic** [HL11, LS14, SG11, CSM16, PC16b]. **Geo** [YFV19]. **Geo/G/1** [YFV19]. **Geographic** [BAK13]. **Geometric** [BBT13, CG15, CCL14, DAL12, FWT13, GIT14, HW11, JB15, LS09, LD13, Nas12, Par12, RASMN14, Ric13, SI13, Tee10, WXPS12, BZAZ15, Bar19, BNB17, BJ18, BCCR18, BN16, Das17a, FWZ$^+$17a, GDGG17, Ili16, Jas19, JB18, MOC16, NRI17, NAB16, NB17, SBRGD16, TS19, YSS19, ZW17a, ZW17b, ZW18, ZW19b]. **Geometry**

[EPGTH15, JLV13]. **Gerber** [GH19, WL17b]. **get** [Tar17]. **getting** [GDDC19]. **GEV** [EN17]. **geyser** [AT17]. **Ghosh** [AE23a]. **Gibbs** [JB15, Van17]. **Gini** [Gho15, KR17, Nag17, Nou17, TJ13]. **Given** [Can15, DDÚF11, KPS10, Kha12, Kha13, MFSAS10, ST16a, Tar17]. **Glivenko** [CYY14]. **GLM** [HTW17]. **GLMs** [WY16]. **Global** [UZ19, El 19, LM18b]. **Gloves** [HC12]. **GLR** [HD17]. **GMC** [ZLYZ17]. **GMM** [CLZ16, GP19]. **Godambe** [CH17]. **GOF** [LJ13]. **Gomes** [AE23b]. **Gompertz** [AJGG14, HS15c, JT16, LM16, Rao18, Sha19, Smi19]. **Gompertz-power** [JT16]. **Good** [Ell11, SSS17b, SP17c]. **Goodman** [Kvå17]. **Goodness** [BLN13, BR12, BRY17, Cag12, DTO11, DTO13, HXL13, HME12, HLR11, JRF17, KM10, LLP10, LL11, LM16, MGAf14, Mur16b, ÖGGB16, PS12, RAB15, SA10, VP10, WDZ11, YXC11, ZXD10, AM17a, BB19a, Coi17, GL19, GF17, Kou16, Nou17, She16, VPMV16]. **Goodness-of-Fit** [BLN13, BR12, Cag12, DTO13, HXL13, HME12, KM10, LLP10, LL11, PS12, VP10, WDZ11, YXC11, BRY17, JRF17, LM16, MGAf14, RAB15, AM17a, BB19a, Coi17, GL19, GF17, Kou16, Nou17, She16, VPMV16]. **Goodness-of-link** [Mur16b]. **governing** [BKKP19]. **Govindarajulu** [NSV12]. **GPS** [JAA11]. **GQL** [KJS19]. **Gradient** [Sei13, EP17, HT16a]. **gradient-based** [EP17]. **graduation** [YJ19, YD19a]. **Graeco** [LHHC14]. **Granger** [Mån12, Zha17c]. **Graph** [RP12, LQYZ17]. **Graphical** [HT10, Kou16, OPK18, JD16, LC17, NPC17]. **Graphs** [Hud14, Car17, Kre18]. **Greater** [RAB15]. **Greece** [SSM16, ZK19]. **Greek** [ABTR19]. **Green** [BG11d, Wan16a]. **Greenwood** [Wan16a]. **Grid** [WW13a]. **Gril** [EM13]. **Gross** [GH13]. **Group** [CKLC17, HK11, JFS14, LPHC18, NRS$^+$14, Oga11, SMN18, TD14, Zha13, CM17, JBA18, Kam16, Liu17c, LL19c, LCZA17b, LCA17, TK19, Xio16, Yam18b, ZZZ19]. **Group-based** [NRS$^+$14]. **group-specific** [TK19]. **Grouped** [Coo12, SCdSP10, FGL18, YH19, ZMV$^+$17]. **Groups** [Him10, HS12b, JFS14, ZZP10]. **growing** [Kre18, YCH17]. **Growth** [BR13, BC12d, BCD12, Li15, BTC16, She17, XQ17a, Xu17b, Xue17, SS17c]. **GSH** [PP12]. **Guarantee** [AM15, Che17a, JT19]. **Gumbel** [Gup16, PV16, TB12, YYL17, dBSCD16]. **Gupta** [GK19a]. **Guttman** [BBB14]. **GWMA** [AH18a, Hua15, Lu16c]. **GWMA-CUSUM** [AH18a].

**Hajek** [DWX17]. **Hajnal** [Sen14]. **Half** [CG11b, Gil12, Gui15, Kha13, NP15, aSaCN18, Smi19, Abu18, AHAH17, AE23c, CARO17, CAPO17, OSX$^+$16, POS$^+$19, SN18, TP19, WL17a]. **half-Cauchy** [CARO17]. **Half-Life** [CG11b]. **Half-Logistic** [Gil12, AHAH17, AE23c, OSX$^+$16, TP19, WL17a]. **Half-Normal** [Kha13, NP15, Smi19, aSaCN18, CAPO17, POS$^+$19, SN18]. **Hall** [Mar12]. **Hamedani** [AE23a]. **Hand** [SCSMN11]. **Handling** [Par15b]. **Hankel** [BT13]. **Harabasz** [Koz12]. **harm** [LJC18]. **Harmonic** [PYB$^+$15]. **Harmonics** [PBY$^+$14]. **Harmonizable** [OP11]. **Harrell** [WH17a]. **Harris**

[AA19, PCN15]. **Hartley** [RS14, SST14]. **Hastings** [GFS16, Van17]. **Having** [AM15, IUT12, LCWG16, MKSS17, Mud16]. **Hayter** [MF16]. **Hazard** [AJGG14, Arf13, BCS10, CZ15a, Dom11, GK11, HSHW14, IT12, MSN14, RA11, RGI15, RR13, SBK13, Smi19, Sur12, WZY14, WK13, Yil12, Yu10, AMP17, BBHN18, BBA16, CY17b, GP16b, HA18, HK19a, HP16, HB17a, HP17a, HB17b, LXL17, LLD17, LCW$^+$18, MC17, PKM17, PK19, Qiu17, SAD16, SRN17, SV17, VS19, XMP17]. **Hazard-Product** [Smi19]. **Hazards** [CL15b, HA14, SS12a, SSM12, WTZS15, Zha15a, ÁF16, BB19a, CW16, DSA16, FDL17, FC18b, GHL17, HP17b, LP17, NSS18, PA18, SS16a, WHC16]. **Head** [MSSU14, MV16b, Sha18c]. **Health** [Con12, SS14a, BPV19, BKGD17, SS16e, SS16f]. **health-related** [BPV19]. **healthy** [SS16f]. **hearing** [GEM$^+$18]. **Heat** [KvdVvZ13, Wan17g]. **Heavy** [ADO13, BS12a, GW15b, WLY14b, WW15c, Yar13, Ali17, DPZ17, FL19, GGDVP16, GS17, GCW19, HSLQ17, LCZ16, LSZ16, QL18, Roo17, ST16c, WHHW17, YC17]. **Heavy-Tailed** [ADO13, BS12a, WLY14b, WW15c, GW15b, Ali17, DPZ17, FL19, GGDVP16, GCW19, LCZ16, QL18, Roo17, WHHW17]. **Hedging** [WQW16, HZ17b, QWWW19]. **Heine** [KV17]. **Hellinger** [Gar14, XW16]. **Henderson** [YJ19, YD19a]. **Hermite** [Zoi09]. **Herriot** [HEHM11]. **Heston** [ZZ19c]. **Heterogeneity** [Bon14, sK13b, Ko15b, Ko15a, Tsi10, GDPR17]. **Heterogeneous** [CF12, CF14, sK12a, NO12, SAC13, ZLD11, ZL14a, ZL15, BNB17, BNB18, BNB19, DYL17, FLB16, HD17, HS18b, sK16c, ZZ17b, ZWZ17]. **Heteroscedastic** [CYL13, CF13, FLX11, FLW12, FH13a, FV11, GdC12, GC14, Hu14b, LY11a, Wan13b, WT15, ZL12, CA18, Nak17, NAML16, PTV18, ROM16, WZK17, WL19, YZP17, ZL16b, ZSS18]. **Heteroscedasticity** [AAP11, KSBM14b, KSBM14a, SÖ12, Wu11, Çel19, ESAKK18, LLWK18, MGG$^+$17, Sun17a, WHZ17, XK18, Yam18b, ZWP17]. **Heteroskedastic** [BBC13, Hod14, XTT17]. **Heteroskedasticity** [Ric17, AHZ17, Arv18, ÇE17a, HJC17]. **Heteroskedasticity-robust** [Ric17, HJC17]. **Heuristic** [BM10, DGMC17]. **HEWMA** [AAJ18]. **HEWMA-CUSUM** [AAJ18]. **Hidden** [AR13, GN15, Pie11, VLTP14, Ale16, BKKP19, HJY18, YYW17]. **Hierarchical** [BAK13, CTT15, EIJK13, GDS$^+$14, Han11, HS13b, Ian12, KM14a, LS15a, MS13, Raz14, RM15, VMVD14, Han17, JSC17, Sha19, You17, Zha17d]. **hierarchy** [PGCT19]. **High** [AV15a, CC11, Das16a, HJW19, JLL13, KK14, Kaw13, KVV11, MN13a, MX15, RVD14, RAP13, SLZ11, SL14, SSY18, TN19, WSW11, WSlT15, Yam12, YS12, YHS13, YA10, ZHLZ14, Ahm17, AXLJ17, BCCR18, DY16, FJW17, FLL17, LWZD17, LG18, LTZ19, Mao17, NAML16, PR17, PP17, Quo17, SS17c, WL17c, WX19, XX17, YJSL19, YX18, ZBHW18, ZRL19b, ZZZ19]. **High-Breakdown** [MX15]. **High-Dimension** [YA10]. **High-Dimensional** [KK14, KVV11, SLZ11, WSlT15, Yam12, Das16a, Ahm17, AXLJ17, BCCR18,

FJW17, FLL17, LWZD17, LTZ19, NAML16, PR17, PP17, WL17c, XX17, YJSL19, YX18, ZBHW18, ZZZ19]. **High-Frequency** [JLL13, Kaw13, LG18, Quo17]. **High-order** [HJW19, ZRL19b]. **Higher** [HLP17, HWLP18, JP13, LR14, RS10, JSWL17, PR17, SG17g]. **higher-dimensional** [JSWL17]. **Higher-Order** [JP13, HLP17, LR14, PR17]. **Hilbert** [Ko18, Par15a, Rao17a, Yeh15]. **Hilbert-space** [Rao17a]. **Hilbertian** [HZS17]. **Hill** [BB17b]. **Histogram** [Eid14, KB13, EAE18, Yan17b]. **Histogram-valued** [KB13]. **history** [CB17]. **Hitting** [RCdC14, Geo17]. **HIV** [SG10c]. **HIV/AIDS** [SG10c]. **HMS** [MTM13, Vas16]. **HMS/c** [Vas16]. **hoc** [Hu16]. **Hodges** [KP12a]. **Hodrick** [Nas18, Yam17b, Yam18a]. **Hodrick-Prescott** [Nas18]. **Hölder** [RS16, XML16]. **Holm** [LMZ17]. **holonomic** [HT16a]. **Homogeneity** [GVGP11, MO10, Mar12, SKG12, ZJC10, Ahm17, CGS16, DCZL17, HD17, RPH17, SKG18, SG16e, UU17]. **Homogeneous** [Ano13b, DDGM13, LS14, MTM13, MS10d, PS14, Vas14a, Vas13, AMP18, Dan18, GPP19, HYS18, PC16b, SJY17, Sym19, TY17, Vas16, YYW17, YYS$^+$18, ZSL17, ZCC16]. **Honor** [Edi10b]. **Horizon** [Fal14, LW18b]. **Horvitz** [Bak17, GÖ12, Sen17a]. **Hosmer** [YXZ17]. **hospital** [ZMCM16]. **Hotelling** [BG19a, DW18, FCSH16, Lee13, SFSH16, TN19]. **Household** [AZN15]. **HPT** [Xu13, Xu16, Xu17a]. **Huang** [BB14b]. **Human** [KS10a, SU11, PHH18]. **hurdle** [BW17, zF16, RS19]. **Hurst** [CLV14, FNM19, MS11b]. **Hybrid** [AAE17, AA15b, BS12c, MJ15, Tsa10, ZS15, AN17d, BP18a, CSL17, GP16b, GC19, HK19a, Haq17, KTR18, MAA17, NC18c, Par16, SK18a, Sha17, TR16b, WC16, WL17a, WSS17]. **hydrocarbon** [AA17c]. **Hyper** [LHHC14, CYF$^+$18, KN16a]. **Hyper-Graeco-Latin** [LHHC14]. **hyper-Poisson** [CYF$^+$18, KN16a]. **hyperbolic** [ARB19, DY18, PW16]. **Hypercube** [CL15a]. **Hypercubes** [HM15]. **hyperexponential** [QJWC18]. **Hypergeometric** [HP14, TD14, Bar17a, LMT17, TS17c]. **hyperparameters** [SUS19]. **Hyperspectral** [CVC$^+$12]. **hypoexponential** [SKK16]. **Hypotheses** [BL10, KHM12, LLP10, LL11, MN13b, PS13, PSS$^+$15, SLZ11, Tak14, Tor12, WXPL13, HA17, Kha16, LMZ17, OL19a, SE17]. **Hypothesis** [AGVGP$^+$11, ER14, KG14c, KE10, Rab13, SY11, SR11, XZD10, Zha15b, CQ17, CZ19c, CM16c, CFA17, DKY16a, DKY16b, Far17a, Far17b, Isl17, JZ17a, KLKK17, KT18, LLY16, LWHB16, MR17, Roz18, Tat16, WBGS19].

**I.G.** [DN14]. **i.i.d** [BCH15, CKS17, DP17]. **ICA** [NAMD14]. **Ideas** [Voi10]. **Identical** [Che11, Che17a, GHSZ19, PHH18]. **Identically** [VT15, BZH19, SHLQ17, TWZ16]. **Identifiability** [LS16a, CMS17, OGD17]. **Identification** [BKKP19, CMCCO10, KS10a, Ko12, Ko14b, Ko16a, MMP14, Raï15, SA15a, HZ18a, LL18a, Tch19, TK19, YLG16b, ZL16c, ZP17]. **identified** [CLZ16]. **Identify** [Ko10b, sK11, Ko14c, BJ19]. **Identifying** [BBB14, GGFL11, AIIK17]. **identities** [Dut17, VZ19]. **Identity** [WZL10, ZRL19b]. **idiosyncratic** [ZS17b]. **If** [Pel17, Pel17]. **IFRA** [IKL16].

**IGFR}** [OL19b]. **Ignorability** [BH17b]. **ignorable** [RSG17, YD19b]. **II** [GN15, AA17a, AHAH17, AH17a, BS12c, BS12b, BHLK15, CK19, CS12, CHP14, CB10, CB12, Cra14, DS17d, EDAAS12, FH12, IKL16, Kha13, LJ13, LH13, LJC18, MA14, MK19, NB16, NNI15, Pao10, PGF11, Qom17, RB10, RAB15, Rez17, SNAN17, SK18a, Sha19, SBK13, TTZ14a, Wan12, Wan16c, WCK16]. **iid** [Xin10, QKP12]. **III** [Ko15b, RSV11, STRD17, The19, Tin10, WL10, YH11]. **ill** [AD17a, AD17b, LSL16, MDR17]. **ill-posed** [AD17a, AD17b, MDR17]. **Illness** [PDS09]. **Illness-Death** [PDS09]. **Illumina** [CXS11]. **Illustration** [KJD+15]. **image** [WLS18]. **Images** [CVC+12]. **imbalance** [SA17b]. **Imbalanced** [LLV10]. **immediate** [LL17c]. **Immigration** [GS11, Li11, LS11, MO14b, Rah12, CY16, DP18, FP17a, KD16c, Rah16]. **immigration-birth-death** [KD16c]. **Impact** [Chi11, Nak19, TK19, ZW13, MCGMS17, YAA+17]. **Imperfect** [Che14, CDG12, Fre14, PL12, SCC12, Cha16, ZW17b, ZW18]. **Implementations** [XY11b]. **implementing** [PMF17]. **Implications** [NSR+19, MH16b]. **Implicit** [GJM14, Tia12]. **implied** [KYW16]. **Importance** [DSC+14, Kam14, LW18a, SDC+12, ZSD+15, BCB19, MDG19, WGG+19]. **Important** [WLL13]. **Imprecision** [New11b]. **improper** [TL16]. **Improve** [HT10]. **Improved** [BHB15, Bur15, CA12, DM11, DP10b, HS13a, HBM16, Kha12, KHC14, KZ19, LPdDTH17, LM14, Lu13a, MMD18, Pet10, PY16b, RJ15, SKK10, SS13d, SM16, SMP18, SS15b, TSS15, TTC17, Wan16a, YUSC14b, YSS19, ZS12, AR17a, CM16b, CLZ18, Das17a, DA16, KJS19, MSB19b, SS16c, SS16h, WER+19, Zhe18]. **Improvement** [AC15, Gro10, LS11, Li19, NR12, RN13, SCC12, SP17b, Tee14, Wu18a, SNS19]. **improves** [BPV19]. **Improving** [LKN15, Kia17, ST16f]. **impulse** [Roz18, YWX17]. **Imputation** [SK10a, SSP+12, XLZ+12, KT17b, Qiu17, SGKB17]. **Imputations** [GR15]. **Imputed** [WWL13]. **Imputing** [SHHH09]. **in-hospital** [ZMCM16]. **inaccuracy** [KS17, Kun17b, RSV17, TD18]. **Inactivity** [KN10, AHEA18, KP18b, NK19, Tav16, ZBA17]. **INAR}** [Djo17, LJW18, ZT17]. **Incidence** [BHKHM13, EE15b, Ken11, RPY+13, SSD19]. **Include** [Cah15]. **included** [PT16]. **includes** [GGDVP16]. **including** [DS16a]. **Inclusion** [GÖ12]. **Income** [AZN15, RS17, MBAJ19, SLZ18]. **incomes** [DLH+18]. **Incomplete** [BBB14, CL15b, GPM18, HF14, HYK15a, KMM12, SB16b, TK13, Tsu14, XLL15b, BH17b, CSL17, CHM16, Ham19, Kha19a, Kha19b, KB17, LG16a, MD17a, MGP17, MMP17, PPMD19]. **incongruent** [ZG19a]. **Inconsistent** [YSHL11]. **Incorporate** [BSB12]. **incorporating** [VV17, dPD16]. **Incorrectly** [Koz12]. **Increase** [SNN12, LL17f]. **Increased** [LYR+18]. **increases** [Bic17]. **Increasing** [CZ15a, Ryc14a, SJS15, YK11, AE17c, AAE+19, DWW18, Had17, LQHZ18, LD18b, LQW19, MKSS17, PKM17, ZQQY17]. **Increments**

[GJ15, Kor11, Wan13a, WLY14b, WHHW17, XML16]. **Independence** [BD11b, BK09, EPGTH15, Ham13, HKLW12, SLZ11, YSR11, YL15, CHZ17, Mao17, SDS17, WCW17, Zha17b, ZZJ19]. **Independent** [AASR12, Are14, (Ba14, GJ15, HP14, Kor11, KLM10, LSX14, MP15, MSW13, New11b, NRW15, VT15, ZL15, BN18a, BOT17, BKL19, CS19b, FLB16, GSM16, GG16b, KLMD16, LL17b, LPDD18, LG16b, MMN16, MMP18, MNM19, MHA19, PHH18, Wan17f, YLS17, ZVG19]. **Index** [BB14a, DTO13, GD12, GMP11, Hua11, Hua12, HL18b, JO10, LIPMF13, LW15, LLY14, LWHW11, LWH12, MS11b, Sim14b, TCN15, VPMF14, WCL11, ZT13, AO18a, AK19, BAL18b, Bal18a, BPV19, Bia17, CA18, FNM19, FTT16, GW19, HA18, HZL16, HZ19, HLR16, HBAJ17, HK19c, JZQ15, LLHZ16, LY16a, LZZL17, LPDD18, LL18b, LL19b, MJH19, MB17a, MSB19b, NS17, Nou17, SK16a, TS17e, UB17, WT18, XHL18b, YLG16a, YCH17, YCZ17, YHC14, ZZ19b, ZF17, ZXF17]. **index-based** [AO18a]. **indexed** [Dan18, HYS17, HYS18, Pen17, QWZ14, QWWW19, SY16, SY17b, SY17c, TY17, YSK15]. **Indexing** [ZLDT14]. **India** [CM16b, KA17]. **Indicators** [CW15a]. **Indices** [Bia12, Bia15, CC15b, Gra10, Gra11, NNA12, Sim14a, WW15c, Yen12, BNZ17, BEY18, CC16b, LWWR18, MBG19, SNWL17, YCAJ18]. **indifference** [EM18]. **indifference-zone** [EM18]. **indirect** [Gro18, Xue17]. **Individual** [GGFL11, HQW15, sK12a, LH14b, Xu13, DHK17, sK16c, Liu17a, Xu16, XN19]. **Indoor** [CDZ14]. **Induced** [CY14, EIJK13]. **inducing** [FFN$^+$19]. **Industrial** [OJR15]. **ineffectiveness** [LJC18]. **Inequalities** [DB13, DB15, JD16, KG17, Ryc14b, SP15, Spe17, Wan13d, YW11b, FC18b, Fro17a, HA16a, LWWH16, NHV17, RD16, WWW17, YWH17, ZXSZ18]. **Inequality** [Bea15, FZ10a, HK15, HX11, MM11b, Muk11, Nos14, Por15, Rat13, Sei13, WZL10, XY09, ZFL13, Aga17a, BBG18, Bud16, CLMW19, Che16c, DWX17, DY18, Kre18, MBAJ19, MT19, Nav16, Rao17a, RS17, TK17a, Udo18, Zhe18]. **Inequivalent** [GFR12]. **Inexact** [YW13]. **Infection** [HD15]. **Inference** [Afe13, AAP11, AARN10, ASNT15, AN17d, BK17a, Bak11, BS12b, BP15b, BPSS12, CHM16, Che10b, CCL$^+$13, CHLP09, CJ19, CCSCME13, DP10a, DP13a, Edi10b, FGP16, FZ10a, FH12, FM13, GN15, GP16b, GCSB10, GL15b, HZS17, HS15b, HL11, Hu14b, Hua12, JMEM14, KPS10, Kha12, Kha13, KSDR15, Kos14, LX15, LS17c, LCW$^+$18, MFPG16, MF14, mNK17, NN11b, Ng12, OM13, PKJ14, Pao10, PT10, PVB13, RB10, Sco11, Sta17, Sto12, SSH10, TK13, TX14, Tsi15, VRC13, WCL10, WXPS12, WW15a, WWT15, WWY17, Wei12, WJH15, Wu16d, zXyL13, ZZ11, ZK13b, ZT17, ZWPZ15, ZS10, AA17a, AHAH17, Ami18, AAK17, Bar17b, BD16b, Bar17c, BS17, Bic17, BPS16b, CSY19, CW16, CCMA18, CY16, EDKAEN17, GZ16, GN17, GFL19, Gun16, Gun17, HD17, HXF18, HZL16, JC18, KAS17, LKK17, LGY17, LXT17]. **inference** [Liu17a, MSL17, NS18, NC19b, PG18, Qiu17, SG18a, SGGdML17, SNWL17, Sel17b, SK17, Sti17, Tsi18, TH17, WHC16, Wan17b, WLC17,

Wan19a, WG16a, WP18, WN16a, XTS16, XHL18b, XFWC19, YCZ17, ZXM16, ZZ17a, ZSS18, ZL18]. **Inferences** [AMGK13, AMGK15, CMCCO10, HKNL15, Jaf15, PZ15, WSK14, Wan16d, ZX10, LQ19, Xu17b, XT17]. **Inferential** [Pic15, RAM16, Zha14]. **Inferiority** [AASR12, Far12, AASRZE17]. **Infinite** [CTQ11, HB13, LW18b, PZ15, ZLF14, CLW17, CLL17, FLY16, Li17b, Van16, YYWH19, ZL16g]. **infinite-time** [Li17b]. **infinitely** [BB19b]. **Inflated** [FWH+15, Fu12c, HJ14, Mon14, ÖD10, PS11, PBS12, RBN19, YHA10b, ZI14, ZZLL15, BW17, BD16b, BG16a, CYF+18, DDD17, FI17, LMdO18, Mur16a, RC16, SG16c, SSD18, SG16e, TSG19]. **Inflation** [PS11, YHA10a, MCGMS17]. **Influence** [APA14, BO17, BSSJ11, CTW10, ER14, EE16, GdC12, Gro11, LSC13, LSC12, MP14, MCY14, PC10a, SE15, TB13, UPA13a, UPA13b, YY14, ZVG19, AH17b, CYF+18, LM18b, Pak17, SBLC17, YY16, YCL17]. **Influencing** [AA13]. **Influential** [NAAC16, NIN11, ÖA15, BANC17, Gha19, Sha16]. **Information** [ARD14, AC15, AAR11, BER16a, CL14, CB14, CC15a, CL15b, CB11, DZX13, Fre14, Gro10, GSSCR12, Ham12, HK15, HF14, KG14a, Kaw13, KS12b, MT14, MEG15, NH15a, NSL14, PL12, QL11a, Sha10b, SV10, SS13b, SS13d, SS13e, SSS14b, SS14b, SS15b, TB12, TSS15, WBH10, WH11, XLL15b, YUSC14a, ASeMJ17, BRY17, CH17, DGMC17, EMH16, EDT18, GCA18, GK19a, HKH17, Haq18, JR18a, KDG+18, KG18b, LYR+18, Miy17, Oga19, Par16, PNK18, PK17, RK19, Sha16, She17, SLF18, SSS17b, SP17b, SMK17, SS16g, SS16i, THV16, Tri17, TH17, YSG17]. **Informative** [DMST12, Den13, SS12a, YD14, ZZSP14, DDS16, JJ19]. **INGARCH** [CW19c]. **Ingersoll** [CCZ15, FNM19]. **inherited** [MH16a]. **Inhibition** [Atk12]. **Inhomogeneous** [Faz11, Sen14, BD16a]. **inhomogeneously** [DLZ17]. **Initial** [KvdVvZ13, MT12, Kyr17, Lu16c, Nie17]. **injection** [YWX17]. **injections** [TMZ+17]. **innovation** [Sen18a]. **Innovational** [BIP+10]. **Innovations** [BD11b, JKS18, KTBN17, KSDB18, QL18, SNSA17, Sab19]. **Innovative** [RPM18]. **Input** [DDGM13, GLP14]. **Inputs** [XLPL12]. **insights** [PS17a]. **inspected** [GFM17]. **inspection** [BMQ16, NS18, QCK19]. **instants** [Bos18]. **Instrument** [MMP14]. **Instrumental** [RON12, SGM11, VS10, HZ18b]. **instruments** [LR19]. **Insurance** [DGM13, DW13, KY10b, Yan14, ANS17, BR19, BG16b, LG16a, WWWX19, YLS17]. **insurer** [CPW19, FWLL19, LRZ17, WRZ19, ZYH17]. **intake** [JKL19]. **Integer** [GSB12, Kac14, MGP11, MSP12, RNB12, ZWZ11, BB17a, BCK17, CC16a, Fon17, JM16, KN18c, LPC17, MPG16, MGP17, NRP16, Quo17, SW19c, YZ18]. **Integer-Valued** [GSB12, Kac14, MSP12, RNB12, ZWZ11, BB17a, BCK17, LPC17, NRP16, Quo17, YZ18]. **integrable** [Cos18]. **Integral** [ABLR15, Par13a, Pri15, Wat11, Aga17a, DZH+19, Kal17, KS16a, LZF17, NS16a, SSC18]. **integrals** [LdM17, SY17d]. **Integrated** [GS13, GS15a, JLL13, LCLJ14, SDC+12, AABL17, BCB19, LG18, PKM17, PMFK18, RFM18, WWZC18, ZS17b]. **Integrates** [SSON11]. **Integration**

[HC12, PMKF17]. **Intensities** [BCCH14, AESO19, Far17a, GDW18, SI19]. **Intensity** [CM13a, DJ15, DL11, Bos18, CS19c, SR18]. **inter** [LSY17, NC18a]. **inter-gain** [LSY17]. **Interacting** [Man11b]. **Interaction** [MSS14a, SAKK15, XFC11, DAC17, DT17, DLH$^+$18, FZ18, ZZ19e]. **Interactions** [CC14, Hua10, MH15, WLL13, YWZ18]. **interactive** [LDL18]. **Interacts** [Ko15a]. **interarrival** [KV17]. **intercept** [CE17b, SQCL19, YZ18]. **intercepts** [PK17]. **intercession** [PM17]. **Intercorrelation** [Wu13]. **Interdependence** [Kim12]. **interdependent** [FL18a, YL18d]. **Interest** [CCZ15, KL10, LDY15, QWZ14, XGZ15, BSW15, FNM19, FSSW17, JZ17b, KYW16, Li17b, MCGMS17, SLZ18, XX18]. **interests** [ZYH17]. **Interference** [AKK09, BJVV15, FM12, FM14, LS14, Zho10, AAK16, BJVV17, FM17, KKKÖ17]. **Intergenerational** [SSM16]. **Interim** [KMC10, LMCH12, LL17f]. **intermediate** [Gri17, LL17c]. **Internal** [KMC10]. **international** [LW18a, MSD19]. **Interpolation** [BCDLA12, HM15, AA17c, SN17]. **Interpretation** [MCY11]. **Interpreting** [BYDM15]. **Interrupted** [KCS12]. **Intersection** [RP15, LS17e, Yu19]. **Interval** [ABI12, CW15b, Far11, FMS15, HD13b, jK15, Ko14d, LCT12, Liu11c, Mah12a, NRW15, NGT13, NAD15, PSS$^+$15, PGF11, PR11, She14b, She15a, TB15, WY12, Wan12, WXZ13, WZ13, WJY15, WTZS15, Wan16c, WWH15b, YHS17, Yam18b, YXG11, YCL14, Yu12, ZB12a, Zho10, ABK17, AK19, AJ18b, BSL$^+$19, BMQ16, FZS19, FC18b, GMMA19, GGtH$^+$19, Ko16b, LK17a, Lin16, Oga16, PMW17, Pou17, PL17, SKK18, Tar17, Uya17, WP18, YX17, ZFD17]. **Interval-Censored** [FMS15, She14b, She15a, WY12, WTZS15, FZS19, FC18b, WP18]. **Intervals** [BS12c, BHLK15, BSY12, Bur15, Chv13, DZ12, EDAAS12, HNV13, KG14a, KL10, KV10, KLM10, KXX11, KZ15, LQ13, NN11a, New11a, New11b, Par13b, PGF09, PJL13, QQL14, RA11, Rub10, SP11b, VB12, WCL11, WQ14, WH14, WH10, BAR16, BAB$^+$18, BG19b, Fro17b, GP16a, KWM17, Ker17, KQ17, KPZ16, KX18, MS17a, ML19, Moh19b, PA18, PY16a, PY16b, QK17, Raj18, Sou17, XM17b, ZLD16]. **Intervention** [AMH14]. **Intra** [YA13, CS16b, Yad16]. **Intra-Class** [YA13, Yad16]. **intra-cluster** [CS16b]. **intraclass** [Xu17b]. **Intrinsic** [YA10]. **Introduction** [VEKH15, KD16c, Sre18]. **intuitionistic** [HA17]. **Invariance** [BZ13, Fu12b, MGN16, YL10, Kam16, Kyr17, MH16b]. **Invariant** [BDKM12, JRM10b, Kon10, LGV13, MR15, Neg09, SEA15, Zen17a, Ala17, HBMAO16a, LL19b, MR16a, PW16, RPM18, VPMV16]. **Inventory** [BS14, SK16d, Ali17, Kyr16]. **Inverse** [AD19, CKLS11, DB15, El 15, GDCOS13, GSA14, Gro11, HD13a, HS15a, HSMK13b, HWYW14, JS13, KS15b, KLS10, Lec11, LY16a, Mea15, Pop12, SW14a, WK12, YHS13, Zhu10, Alg19, ANS17, BSS19, CGC17, GMMA19, GDPR17, HB16, HP17a, HP17b, Moh19b, MHF16, PB17, RLSL19, SSSM16, Sha18c, TP19, XLS19, Xio16, XZ16, YGL16, YHW17, Zha17d, ZRL19a]. **Inverse-Gamma** [Pop12]. **Inverse-Probability-Weighting** [Lec11]. **Inverse-Weibull** [HSMK13b]. **Inversion** [HWM12, WH15a]. **Inversions**

[CN15, CN17c]. **Inverted** [Gho09, IANT13, KTR18, TR16b]. **Invertible** [Hu14a]. **Investigation** [Aca15, Mat14, WWH15b]. **Investment** [AC11, GW15b, ZYN11, CPW19, GWP19, HW18b, LRZ17, LG16a, MWY18, WWWX19, ZY17a, ZYH17]. **investment-consumption-insurance** [WWWX19]. **Involving** [FFA09, Gri15, MS11b, Sto12, Wan13d, AO18c, CS16c, KG17, LdM17, Spe17, VV17, Xia17b]. **IPPS** [TS12]. **Irreconcilability** [CM16c]. **irregular** [QYLL17]. **Irregularities** [DG11]. **IRT** [BBG14, MMV12, Mat14]. **ISE** [JFA12]. **ISO** [NN15]. **Isotonic** [SZD12, Hua17b, Ima17]. **Isotropic** [SMM10, WDM14, Tan18]. **issuance** [ZWY16]. **Issue** [Edi10b, Ko15b, Ko17a, MSD19]. **Issues** [DG12a, Pic15]. **Itô** [LCLJ14]. **Item** [Aca15, BBG14, BC12a, MMV12, Gol16, HS18a, SK16d, TK19]. **Items** [AA13, Bas14, CF14, NN13, GFM17]. **Iterated** [CL15b, XY10]. **Iteration** [MF10]. **Iterative** [DB15, HT10, Sha10a, ÜY13, Udo18, XM17a]. **Iteratively** [SSS14a]. **IV** [AG16, GHBM18, AM16, BREA11, Hil15, JBH12, RPY+13]. **Izawa** [CJ19].

**J** [AE23c]. **Jabbari** [LF17]. **Jackknife** [CNG17, DL19, GMN13, LQ19, WZZ17]. **Jackknife-Based** [GMN13]. **Jackknifed** [LY11a, Yil18]. **Jackknifing** [KCC14]. **Jacobian** [Sei13]. **James** [FRC16, ZTSL15]. **Jeffreys** [OB16, VW17]. **Jensen** [CLGFB15, Muk11]. **Jensen-Logistic** [CLGFB15]. **Johansen** [OL19a]. **John** [Sen14]. **Johnson** [AALS12, Fly10]. **join** [Con16]. **Joint** [AH17b, DDS16, EB12, FM10b, GEM+18, HDS16, KS10a, Ko14c, Kon19, KSBM14a, MZ11, PGF11, QKP12, RB10, RS19, SDC+12, TIA11, Wu11, ZDZ17, AA17a, AAK17, BAB+18, HNB17, JJ19, Maz19, Moh19a, NHN16, TH17, ZWZwZ17, ZYH17]. **joint-adaptive** [ZWZwZ17]. **Jointly** [JTR15]. **judgment** [DAS16b]. **Jump** [CCL14, CZ15b, DG11, DW13, Han12b, Kos14, LWD+18, NY11, ÖD10, QWZ14, WG15, YSK15, AG18, BJ19, DYW18, HZ17b, LLLL18, LX19, LSW17, LMC18, QJWC18, SW19a, WRZ19, XDW19, Zho17]. **Jump-detection** [LWD+18]. **Jump-Diffusion** [Han12b, Kos14, CZ15b, HZ17b, LLLL18, LMC18, WRZ19, XDW19, Zho17]. **jump-diffusions** [SW19a]. **Jumps** [JLL13, Kos14, Bos18, LG18, LZF17, Tra17, ZG17a, ZZ19d].

**Kad** [SKK16]. **Kalman** [Piz13, TL17]. **Kantorovich** [Wan13d, YW11b]. **Kaplan** [Zha15a]. **Karhunen** [Ai17, AS18, Hac18]. **Karhunen-Loeve** [AS18, Hac18]. **Kármán** [SMM10]. **Katz** [GL10a]. **Kemeny** [Hun14]. **Kendall** [HL17, Sim12]. **Kernel** [AP12, CLX14, ES11a, FJ11, GBD10, HWM12, HS14, JFA12, KLK14, LMR13, LWY10, Li13a, Li14b, Li17a, LCP+14, Par12, Par15a, Pun13, QZY11, SY11, WH15a, ZHL15, AM16, BN18a, BAKZ18, BLT16, CLZ18, Che17b, DS17e, FZ17a, FST16, GMS18, Iga16, IK18, KOA16, KH16, LL17d, LQ19, Pak17, SCYR17, ST16a, SS16b, Sla17, Ten17, XLS19, YYY17, YJSL19, ZHZA18].

**Kernel-Based** [ZHL15]. **kernel-type** [BN18a]. **Kernels** [Han15, YMF15, Ten18]. **Kerridge** [KS17]. **Khintchine** [Car19]. **Kidney** [HD15]. **Kiefer** [AD17c]. **Kies** [KD17b]. **Kim** [ST16f]. **Kin** [WR10]. **Kin-Cohort** [WR10]. **Kind** [IO13, pZ13, WDLZ16, YSC17b, ZZ17d]. **Kinds** [LY10]. **Knot** [DM10]. **Knowledge** [SA14]. **Known** [CHP14, GK11, KK11b, MFSAS10, SST14, ASG17, CW19c, SASMF13, YX17]. **Koenker** [IS11]. **Kolmogorov** [BP18a, HK13, NY11, ST13]. **Kolmogrov** [NMAA19]. **Koziol** [BG11d, Wan16a]. **Krätzel** [Pri15]. **Kriging** [JZ16, RGM15]. **Kronecker** [SAvR12, SÁHLvR17]. **Kruskal** [Kvå17]. **Krylov** [YGWQ17]. **kth** [EWRZ14]. **Kuk** [SSS17c, TS17a]. **Kullback** [BRY17, KS15a, Par16, PNK18]. **Kumaraswamy** [AE23a, AG17, CdSBB15, DMA17, EN17, GT19, GN17, GH18, MDA16, Mit13, WWY17]. **Kummer** [BREA11, JBH12]. **Kurtosis** [KM15, RPJ15, Zoi09, vSK16, FPZ16, LTZ19, NHN16, Sta17]. **Kuwait** [AA17c].

**L** [MBS17]. **Labeled** [Ind11]. **Labeling** [Yao12]. **labels** [NA18]. **Lack** [CL15c, Li12a, MS14a, RR14, Rao18]. **Lack-of-Fit** [Li12a, CL15c]. **LAD** [TZW16, ZW09, ZL16f]. **LAD-Lasso** [ZL16f]. **lag** [Zha17c]. **lagged** [Bel17]. **Lagrange** [OCIS12, Par17b, Sen18a]. **Lagrangian** [IO13, Imo16, LBL+10]. **lambda** [Har17, GC12]. **Lambert** [Vin13]. **Lamé** [SJT17]. **LAN** [Tra17]. **Land** [ST17b]. **Landscape** [SG11]. **Language** [GV11]. **Laplace** [AR17c, ASAN12, Ber18, CGW15, Djo17, DA17b, FM10b, HG19, HME12, MH16a, Miy17, NY16, PW11, Sco09, Yeh17, Yil16]. **Laplacian** [ASNT15, JT11]. **Large** [Aka10, BOT17, BAK13, Bur15, CY14, CF16, GM14, Hay10, Him10, HP10, Ko11, Ko13, KL11, KB14, Kor11, KS12c, LG10, LJW18, LS17d, LSX14, LSZ16, Mia11, WW13c, dXcY12, XY14, YWS14, ZC17b, ABES18, BZH19, CHZ17, CL17a, CS19b, Dan18, DBC16, DWX17, DZL18, FL18b, GHSZ19, GWZ17, HC16a, HSLQ17, HN17b, KPZ16, LW17a, LW18a, LYG17, Lou19, LSW16, LQ17b, LSL18, NMAA19, NHV17, Pen17, ST16c, SZV16, SY16, SY17c, SHLQ17, Su17b, TY17, WGW19, WYY16, WP19, YHS17, Yam18b, YS16, YYW17, YYS+18, YYWH19, YXZ17, Zha17a]. **Large-Deviation** [Aka10]. **Large-Sample** [Bur15, BOT17]. **large-scale** [DZL18, LW17a, LW18a]. **Larger** [AM15, HS12b]. **Largest** [KT15, Kur10, CY17a]. **Laspeyres** [MB17a]. **Lasso** [FC18b, HL11, Kim15, Rej16, RZ13, WS11, ZGK17, ZL16f, Das16a, SUKK19, Yam17a, ZZZ19, NAML16, PS18, YL18b, ZX18, CCY17, XM17b]. **LASSO-penalized** [ZX18]. **Lasso-type** [Kim15]. **last** [Cha16, MC17]. **Latent** [AK14a, BBG14, BC12d, BC14, Cag12, CD15, Fed13, GN10, NAMD14, RSG17, RMP12, She14a, ZLDT14, Ayk19, CRTdC17, DM18, MM19, YCL17]. **Latin** [CL15a, Gar10, LHHC14, MD17a]. **Law** [Bal15, CGW15, DCG13, Ko13, KB14, LL11, MRS12, Ree12, WXZ13, XY10,

dXcY12, XY14, YWS14, YL10, Zoi09, BZH19, Dan18, DWX17, GHSZ19, Ike17, NMAA19, NHV17, Pen17, SZV16, SY16, TY17, YYS+18, KA17]. **Laws** [CL15b, HW15, HWW15, NA12, RP15, CHZ17, CL17a, CS19b, HC16a, SY17c, WP19, YYW17, YYWH19, Zha17a]. **Layer** [Vij11, XZ17]. **Layouts** [SAKK15]. **lead** [SB17]. **lead-in** [SB17]. **League** [GDDC19]. **Learning** [Aoy10, CS11, LLV10, SB12, SZL14, Hen17, WYG17, YA17]. **Least** [AG11, CHP14, Chr10, CKD14, FP12, MA11, Nie17, PYB+15, QZY11, Rah12, SJS15, Tee12, Tsi14, TB13, VSS12, WH15a, WLW15, WSlT15, ZLZ15, ZZL16, AJ18b, CCZR17, LSL16, OU16, OOT19, PCL16, Ten17, Yam18a, YWH17, ZWPB17, vZ17]. **Least-squares** [Nie17, AJ18b, OU16, PCL16, Ten17, Yam18a, YWH17, vZ17]. **Lee** [Ano23, LOHW19, DHP+16]. **Leffler** [GG18, JRM10a, KUWG19, SG16d]. **Left** [FJ11, LK14, Lia10, PJ10, Par15a, SY11, She10a, She12a, WLF11, WH11, WTZS15, BG16a, HL17, She16, sSW18, VPCG16, YWL17, YWLW18, ZJZ17]. **left-censored** [BG16a]. **Left-Truncated** [PJ10, Par15a, She12a, WLF11, WH11, WTZS15, She16, sSW18, YWL17, YWLW18, ZJZ17]. **left-truncating** [VPCG16]. **Left-Truncation** [FJ11, SY11, HL17]. **leftmost** [ZCC16]. **Lehmann** [KP12a, Sto11, YWO+15]. **Leibler** [BRY17, KS15a, Par16, PNK18]. **Lemeshow** [YXZ17]. **Lemma** [Tor12, LH17b]. **Length** [CM13a, Fak15, MP15, SH17a, ARJF19, CLZ19, FZ17a, FY17a, JRF17, LK17c, LK17b, Len17, MZ17, ZZ18a]. **Length-biased** [Fak15, ARJF19, CLZ19, FZ17a, JRF17, MZ17, ZZ18a]. **Lengths** [Cox15, KV10, Mah12a, RSA19]. **Leone** [Bay16, Gen17, KI19, RSAN17]. **Letter** [Aki11, AR17c, HSMK13a, Jon18, Özg19a, SG17d]. **Leukemia** [HS15c]. **Level** [CT11, HLL15, Hua10, LM13, MGP14, PC12, RL11b, SM09, Tin10, Tor12, Vij11, WILL13, CBSN16, CS18, CJ15, CZ19a, Fon17, GQC17, Kam19, LOHW19, MA18, OQC14, Pou17, WLL13, WYZ15, Wan17c, Wan17d, WQ18, Yad16, ZLYZ17, ZT17, ZL16e, ZS17a, ZZ18e, ZZ19e]. **Level-Crossing** [SM09]. **Levels** [ADWR11, FHS15, AA17c, EIM18, FJS+18, PG16, Su17b]. **Leverage** [MP10a, RVD14]. **Leverages** [ÖA15]. **Lévy** [Car19, DO13, GW15b, Hac18, KUWG19, LYX18, SJ19, ZLZ15, CWW16, GWK19, Gra17, YSC17b]. **Lévy-driven** [ZLZ15]. **Lévy-Khintchine** [Car19]. **Liénard** [YTX14]. **Life** [ADP10, CG11b, CW15a, DCL12, DW13, Fak15, hFmH14, HS12a, IRB13, JMEM14, Jia12, KPS10, KRB12, KRB13, LM14, MO18, MB15, RG15, RR09, RR13, RM14, RE10, SS10b, SS14a, TGXX12, WXPS12, XFC11, XF12, ZS15, BJU18, BP18a, BT16, CNG17, FZZ16, GXB18, JBA18, KP18b, LG16a, MSR17, SV17, SS16f, VS19, XK18, ZJZ17, ZMN17]. **Lifetime** [BMLY19, CMCSC12, hFmH14, KRB12, NS15a, NRB14, PDS09, Raq10, SK15a, Wan10b, AE17c, AER16, BIJ17, CM19, Che17a, CAPO17, Ery17, GRSN18, GW19, JC18, KHY18, LSCW17, LM18b, NI16, NY17, PBA18, RCdCN16, SHB17, TPN18, Tav16]. **Lifetimes** [BP15b, LMM15, RSA13, RCdC14, Zha11, CNL19, GC19, KG18b, LL17a,

LMM18, MAA17, PBA17, Rez16, WP18]. **Light** [Wan13a]. **Light-Tailed** [Wan13a]. **like** [LYX18, YSD+16]. **Likelihood** [Ala14, AS15, Bak11, BP15b, BGG11, BG17, CG11a, CSF12, CM13b, CY16, EY10, EE15b, FLX11, FLW12, FH13a, Fed13, FZ10a, GLZW12, GAK14, Gil12, GFG13, GG13, GFL19, GL10b, HB13, Hod14, HSHW14, Hu11a, Hu11b, Hua11, HLR11, KM14a, KP18a, LvR12, LQ13, Lia10, LW14, LW15, LG14, Lu11, MF14, PSS+15, PGF11, PD10, QL11b, QL15, RB10, SAC13, Sug13, SZ13, Tak14, TX14, Tsi15, TH17, WDZ11, WCL10, WWL13, WSC13, WQ14, WSK14, WWT15, Wan18, WW15c, XTG15, zXyL13, YXC11, YC14, Yu10, hYhW14, YHC14, ZLN11, ZWZ11, ZZ11, ZX10, ZW11, ZWPZ15, ZSY13, dCOSW13, AA17a, AS19, Ale16, Alv16, BT18a, BJC16, CW16, Che16c, CNG17, CW19b, CLW17, CLL17, CW19c, DDP18, DDD17, FJW17, FLL17, GFG16, God16, HXF18, HZ18b, HLR16, IKH19, JJ19, JXW17, JSZL17, KSBN17, KTBN17, KNH17]. **likelihood** [KT17b, LLHZ16, LCZ16, Li17d, LN17, LD18a, LXT17, LLWK18, LAW+19, LQ19, MZ17, MBS+19, MMD18, NKG16, PC16a, PS18, Par17b, PAvS+19, Phi18, SG16c, She18a, SLF18, SQCL19, SA19b, Tak18, TME19, WHC16, WSW16, Wan16d, Wan17a, WNL18, WZZ17, XJW17, XJW19, XTS16, XX17, XMP17, YZ17a, YCH17, YCZ17, YX18, YH19, YD19b, Zen17b, ZT17, ZBTL17, ZX18, ZC17b, ZZ19d, ZL18, ZX16, dAdLA18]. **Likelihood-Based** [WQ14, GFL19, Tsi15, ZWPZ15, HZ18b, LLHZ16, LQ19]. **likelihood-ratio** [DDP18, NKG16]. **Likelihoods** [Cha14, RSV10]. **LIL** [FZ10b, ZLF14]. **Lilliefors** [SS11b]. **Limit** [AL15, BNZ17, CSC13, FR10, GLS12, HW15, JFA12, Kát11a, KY10a, Li13b, LPN14, MC11, MWM13, MLGZ14, MZ14, NA12, NR12, SSA10, Sun13, Sun15, XP18, ZY10, ZC14, ZZ17a, ZL16g, Arv18, hCXxShY18, CZCM19, DPP17, DeR19, Ike17, Ko16c, Kyr16, LPH16, MGN16, MX19, SN16, SNS19, Wan17f, Wu17c, Wu17d, Xie16, XML16, Zan17, Zha16b, ZLT17]. **Limitation** [KLS12]. **limited** [DeR19]. **Limiting** [HP10, IK18, Roo17, RP12, SA17c, SU17a, Dru17, KM19b, WYY16, ZWPB17]. **Limits** [FLK12, Han12a, HW14, LVVN11, YXG11, BN18b, CC16b, GW19, LL17b, Pou17, YLS17]. **Lin** [BB14b, KHY18, PHY19]. **Lin-Wong** [KHY18]. **Lindley** [AE23d, AGAM17, AMGK13, AMGK15, ANS17, BP16, EM16, EMHK17, GDCO16, IR19, JJ18, KY17a, MZ10b, MA17, PWLO17, RLSL19, RAM16, SSSM16, Sha18c, SW19b, VW17]. **Line** [BQDH12, Dji10, ES11a, Eid14, HT13, UC14, EAE18, HD13b, SB16b, VV17]. **Linear** [AE13, Aga11, AKL15, AA11a, Ala14, Alk10, ASMZ14, AG11, ABC12, BDKM12, BBC13, BC12b, BD11b, BSSJ11, Bru10, Bur09, CCN17, CZ15b, CLX14, Chv13, CBB06, COL15, DG11, DLP15, ES14, Ell11, ER14, FLX11, FLW12, FH13a, FQZ14, Fel10, FZ10a, FHZ12, FMS15, FBS10, FH12, Fu11a, GLZW12, GH13, Gil14, GL11, Gue13, GPÖ14, GW15b, GR15, GE11, Han12b, HMP12, HKLW12, HX11, Hil15, Hu14a, HLY16, HS11, Hua11, HWW15, IP12, JP13, KRT13, jK15, Ko13, KVV11, KE10, KQ11, LLC10, LY10, LY11a, Li12a, LPLW13, LW13a, LX15, LL14, LW14, LR10b, Liu11b, LWR11, LG11,

LWHW11, LWH12, LGX12, LX13, LN13b, MGP11, MZ11, Mao15, Mas15, MYM11, MLGZ14, MSN14, MM15, MN15, NKS15, NIN11, OM13, PMA11, PHW11, PYB+15, PC12, Pie11, Por11, PC10b, QL11b, QZY11, QL15, QLZ14].
**Linear**
[QNZ14, RvdM14, RL09, RF12, SBL13, SGR+12, Say14, SN12, SO14a, She12a, She15b, She17, SS10a, ŠS12c, SN14, SS14c, SL15, Tan10a, TT10, Tia12, TX14, TTZ14b, TCN15, UPA13a, ÜY13, UDC12, VML+10, WCL10, WSW11, WL11, WLC11, WS12a, WL13, WWL13, WW13a, WS13, Wan13c, WSC13, WSK14, WWT15, WLW15, Wei12, WJH15, WJ11, WY13, XTG15, XT12, XY12, XY13, YHS13, YC12, YC10, YW11a, YC11a, Yan12, YYX14, YY14, YX15, YS15b, YHC14, ZLN11, ZY13, ZFL13, ZTZ+13, ZX10, Zha15b, Zho09, ZZC13, AE17a, AE17b, AM17b, AD17b, AR17b, AS17, AW16, ALR19, BRZR16, BTC16, BT18b, BCL16, CH19a, CW18, Cha18, CS16c, CS15a, Che16c, CLZ16, CCZR17, CHZ17, Che19b, Ciu17, CCY17, DP18, DTT+16, El 17, EE16, EP17, FZZ16, FJW17, FPCP16, FWW19, GST17, GAS17, GS17, GB18].
**linear** [Gha19, GSLZ16, GYL17, GX18, GK19c, HA16a, HHS18, HBMAO16a, HBM16, HA16b, HXF18, HZL16, HHC16, HR17, HWY17, HZ19, Isl17, IF18, JN18, JSSO18, JXW17, JQZ18, JHM19, KJT17, KY17b, KOA16, KRMG19, KJ18, KN17b, LZY+17, LM18a, LSL16, LLY16, Li17d, LZZL17, LCG18, Li18, LD18a, Li19, LX19, LY16c, LXT17, LP17, Liu17a, LTGK17a, LTGK17b, LLWK18, LWG18b, LWWR18, LLF19, MBS17, MDR17, MGLX14, MGN16, NNZA16, NNZA18, Nak17, Nak19, NN16a, NNvRS17, NVS19, Nor16, OL19a, Oll17, OOT19, PS18, PDdHNMR17, Par17b, Qin17, Ren16, RTT17, RA16, SNAN17, Sha16, SNW19, SP16b, SE17, Spa19, Sun17b, Sun17a, Sun17c, SJJ19, SÁHLvR17, TZW16, TLT17, TT17, Wan16d, WW17a, WH17b, WW19, WH16c, WB18, Wu16c, WF17, WL17d, Wu17a, Wu17b, WA17, Wu18a, Wu18b, WCF18, Xia17a, XQS19, XTS16, XLS19, XX17, XZA18, Xu16, XFWC19].
**linear** [Yan17a, YY16, YH16, YSC17a, YCZ17, YWH17, YL18b, YA17, Yil18, YW18, YZ18, Zar19, ZCHR19, Zha16a, Zha17b, ZF17, ZDS16, ZY17b, ZZZ19, ZZL19, dPD16]. **Linear-Circular** [KS15b]. **linear-exponential** [JN18].
**Linear/Linear** [KS15b]. **linearities** [DY16]. **linearity** [AO18c]. **Linearized** [LG11, LGX12, Oga11]. **Linearly** [CS16a, CX17, CH19a, Shu19, YC17].
**Lines** [DDGM13, LS17b, Meh17, VV17]. **linex**
[Mur16a, Han19, IP12, LH11a, NP17b, TN10, TT10, Tan10b]. **Linguistic** [GGL14]. **link** [Mur16b]. **linked** [DYW18, HA18, WZJH19]. **Links** [BBB10].
**Liouville** [Dai15]. **Lipschitz** [SJ19]. **Liu** [Kaç19, Li19, AK13, ANA17, AEA17, CE17b, GB18, Gha19, Gru12, IES+17, LYX11, MKS15, ÖK15, UPA13a, Wu16b, Wu18a, Wu18b, WAA18, XY12, Yil18]. **Liu-type** [Kaç19, AK13, ANA17, AEA17, CE17b, IES+17, Wu18b, Yil18]. **Lives** [KM14b]. **Liyanage** [AE23d]. **LM** [ZS17b]. **LM-type** [ZS17b]. **LMS** [Kir12].
**load** [Gun16, SNN16, ZB17]. **load-sharing** [SNN16, ZB17]. **Local** [CZ15b, DG11, ER11, GD12, Han12b, KL17a, KOA16, LM18a, LZS17, LLQ13, LSC12, LLF19, MFS12, MMP14, Nad10, NE17, Nge11, PC10a, QZY11, RJ15, SBL13, UPA13b, WL11, WW13a, WT15, WLW15, YY14,

ZT13, ALR19, BMRSE17, Bic17, Con16, CWW16, GTW17, GGO17, OL19a, QWWW19, WH18, XW16, XZA18, YY16, Yu19, Zan17, ZSL17, ZG17b]. **Localization** [HT10]. **Localized** [EZ14]. **Locally** [CB12, Jaf13, MR15, RD10, ZF18, Mal17, PR17, Wan19b]. **Locating** [SG11]. **Location** [ADO13, CT11, CBM14, GR11, Kha12, KV10, MA14, New11a, Pet10, QTD15, SKG12, XFC11, YLS10, AB19, CR16, DL16, EM16, Gau17, GCA18, HBMAO16a, HN17b, IF18, LX19, LL19b, LM18b, MM17, MS17b, NP17b, PDdHNMR17, SS18, TKP17, WH16b, YW17b, ZG19b]. **location-invariant** [LL19b]. **Location-Scale** [YLS10, MA14, CR16, DL16, GCA18, HBMAO16a, MM17, PDdHNMR17, TKP17]. **Loci** [Zho10]. **Locking** [SM09]. **Loève** [Hac18, Ai17, AS18]. **Log** [BS12b, BSY12, DK09, DGV11, Ery12, GL15b, Jeo12, KRB13, LB11, Mah12b, NB15, PD10, SCdSP10, SW19b, XFC11, CAPO17, CBOR18, GFL19, HOAH17, Iga16, LM18b, MFPG16, MFFMA17, MAG18, MOC16, PS18, POS$^+$19, Sha18b, WZ15, vZ17]. **log-alpha-power** [MFPG16]. **Log-Binomial** [PD10]. **log-Birnbaum** [MFFMA17]. **Log-Density** [Jeo12]. **Log-Elliptical** [DGV11]. **log-gamma-generated** [CBOR18]. **log-likelihood** [PS18]. **Log-Lindley** [SW19b]. **Log-Location-Scale** [XFC11, LM18b]. **Log-Logistic** [BS12b, DK09, Ery12, GL15b, CAPO17, GFL19, HOAH17, POS$^+$19, Sha18b, vZ17]. **Log-Normal** [DK09, SCdSP10, Iga16]. **Log-odds** [KRB13]. **Log-Odds-Ratio** [BSY12]. **Log-Rate** [LB11]. **log-skew-normal** [MFPG16]. **Log-Transformed** [NB15]. **Logarithm** [CL15b, XY10]. **Logarithmic** [JA10, KR15, LPN14, CD17, FYLC16]. **Loggerhead** [Far12]. **Logistic** [BS12b, CLGFB15, CHH15, DK09, Ery12, FN09, Gil12, GL15b, Gro18, KK11a, KCS12, KDK14, MS11a, MP14, NNI15, TOT15, WDZ11, WJY15, AOÖ17, AHAH17, AEA17, AEN16, AE23c, CCM19, CAPO17, DDP18, DM18, GA18, GFL19, HOAH17, He18, JYZ19, Ker17, KD16b, MTC$^+$19, MN19, MOC16, Nie17, Nou17, OSX$^+$16, POS$^+$19, Sha18b, SC19, TCA$^+$16, The19, TP19, VW18, WXZ16, WL17a, WAA18, Xue17, Zen17b, Zen17a, vSK16, vZ17]. **logistic-** [TCA$^+$16]. **logistic-exponential** [MTC$^+$19, vSK16]. **Logit** [CT10, Jaf13, MKS15, VMVD14, Jun17, MSK18, PGCT19]. **Logit-** [VMVD14]. **logits** [DM18]. **Loglinear** [MP10a]. **Lognormal** [MSSU14, Pak14, Tsi10, Yu12, GGDVP16, GT17, KAPA19, KVR17, NB16, mNK17]. **Lomax** [GFG13]. **Long** [Aga11, Ban13, IS11, KL11, LSC13, WH15b, Ber16b, BS17, BT18b, CCOB16, Gho17, Gra17, HW18a, HS18b, LQ17b, MR17, Quo17, SBLC17, Wan19b]. **Long-Memory** [Aga11, Ban13, BT18b, HW18a, HS18b, Quo17]. **Long-Range** [IS11, Ber16b, BS17]. **Long-Tailed** [KL11, LQ17b]. **Long-Term** [LSC13, CCOB16, MR17, SBLC17]. **longevity** [WZJH19]. **longevity-linked** [WZJH19]. **Longitudinal** [CGL13, DPB13, FDHH14, GHY11, Hu11a, Ju15, KNK13, Ko10b, sK11, Ko12, Ko14b, Ko14c, LK14, LX15, Liu11b, MO10, MZ11, RTT17, SG14, SLSY14, SD12, TX14, Tsa10, VML$^+$10, WL15, YC14, Zad15, ZZ11, ZX10,

ZZSP14, BJ19, DDS16, FJS+18, HL18a, HDS16, HNB17, JJ19, JYZ19, Ko16a, Li17d, LC17, LZS17, LXT17, LL18b, LL18a, LCZA17a, MV16a, Nak17, PM17, RSG17, RS19, SG16b, XXMZ18, ZX18]. **longitudinally** [GEM+18]. **look** [EQ17, HT16b, VFP17b]. **Lorenz** [AB11b, GFA10, LQ19, SJT17]. **Loss** [ADP10, AYC+12, BA10, CS14a, CBM14, Faz11, Fel10, HX11, HQW15, IP12, Kon10, LH11a, LLSM14, Mah12b, MS10b, Mat11, NS15b, QLZ14, QNP12, TN10, Tak10b, TT10, Tan10b, ZFL13, AO17a, BU17, BP17, Bic19, CS16a, CX17, CH19a, CS19a, GKP16, Han19, HWH18, HLY16, JZTN17, KM16a, LRZ17, MAG18, Mur16a, NP17b, ÖK17, PMKF17, PMFK18, Rej16, TSOT19, XM17b, You17, Zha17d]. **losses** [YLS17]. **lot** [BAL18b, Bal18a]. **lot-size** [BAL18b, Bal18a]. **lots** [MB19]. **Lovell** [Yam17a]. **Low** [YA10, SK16b, WH16a]. **low-end** [WH16a]. **low-order** [SK16b]. **Lower** [AJ11, BCH15, CEK11, Kar17, OQC14, YYS19, FLB16, Lu13a, MRA16, NK19, OQC17, TKP17, Wan16c, Wan17b, ZYLZ17, ZS17a, ZZ18e]. **lower-bounded** [TKP17]. **Lower-order** [BCH15, ZYLZ17]. **lower-truncated** [FLB16, Wan16c, Wan17b]. **LQS** [Kir12]. **LR** [Yam12]. **LS** [Fat13, SG15, Yan12]. **LS-estimator** [Fat13]. **Lundberg** [ES11b]. **Lung** [Con12].

**M** [AE23c, AE23d, Bur19, CM13a, HZ18a, KC19b, KS18a, LF17, MBS17, Qin17, SG17d, SA19b, SRK11, SU14, Vas14a, XHL18b, XZD10, YGM19, YL18c, Ye19, CDS19, SG18b, BL19, Bur19, CM13a, KC19a, KS18a, SLOT17, SA19b, SRK11, SU14, SK16e, Vas14a, XZD10, Ye19, ZG19a, ZXM16]. **m-Associate** [SG18b]. **m-dependent** [CDS19]. **M-estimation** [HZ18a, Qin17, YGM19]. **M.A** [Ano23]. **M/D/1** [SK16e]. **M/E** [ZXM16]. **M/G/1** [BL19, SLOT17, ZG19a]. **M/M/** [Bur19]. **M/M/1** [CM13a, SA19b, SRK11, SU14, XZD10]. **M/M/c** [KS18a]. **M/M/k/N/N** [Vas14a]. **MA** [DK17b, MS14c]. **MA-ARIMA** [DK17b]. **Macdonald** [NRCG16]. **Machado** [SG17d]. **machine** [HWZ19, SA17b]. **Machines** [NN11b]. **Mack** [GG16a]. **Mahalanobis** [DHK17]. **Mail** [DSSL15]. **Main** [CT11, CEK11, Hua10, MH15, WLL13, XFC11, DAC17, GPM18, JJ16, JKD17, Su17b, Wan17d, YWZ18]. **main-effect** [Wan17d]. **maintained** [Kyr16]. **Maintenance** [AEH11, Che14, CGSM10, JHP10, QZZN10, SCC10, SCC12, Cha16, CC19, PM18, RFM18, WWZC18]. **Majorization** [Kvå15, PK12]. **makers** [Bic19]. **making** [AAL17, NAN17b]. **Malaysian** [MC19]. **Malliavin** [LTC17]. **Malta** [CE19]. **Management** [Cui12, PP12, NSR+19, WWZC18]. **MANET** [MV16b]. **Manifold** [Kaz11, KN17a]. **Mann** [HH15, Cuc16, DT17, WZX17]. **MANOVA** [DO19, HMT+17, YSS18]. **Manpower** [Gue14, KDGV16]. **Manufactured** [RVP15]. **manufacturing** [LS17b]. **Many** [KHM12, KM14b, Web11]. **Map** [Web12, YL18c]. **MAP/M/1** [YL18c]. **Mapping** [Che10a, Zho10]. **Maps** [Sei13]. **Marcinkiewicz** [HWW15, Ko13, Yan19]. **Marginal** [CC14, Chi09, Chi12a, FPR17, HM12, Miy10, Pop12, Tan10a, VML+10, VMVD14, WJY15, ZZS13, Djo17, Fan18, Gho17, JM16, Kam16].

**Marginalized** [EMI14]. **Marginals** [RNB12, Ber16b, Mud16]. **Margins** [MFSAS10]. **Marine** [Far12]. **Marked** [SY10]. **Market** [SI13, LG16a, MWY18, MC19, NSR+19, RBK+19]. **marketing** [YC18]. **Markets** [JPAB17, SDJ15, NN18]. **Markov** [ARA16, Ale16, AH18b, AR13, AMP18, AG18, BP15a, BC12a, BG18, BKKP19, BR11, Che16d, DDGM13, DGM13, DMS14, DPP17, Dan18, DT12, FGGL18, FPR17, GL10a, GL15a, Geo17, Gue14, HZ17a, HYS17, HHC+17, HL18b, HJY18, HYS18, Hun14, KCL+16, Kor11, KD16c, LD14, Lim11, LDY15, LW18b, MTM13, MO14a, MR16a, MZ14, ÖD10, Pap13, PV14, Pen17, PAvS+19, PC16b, Pie11, RBB13, SKK18, ST16a, SN12, SFSH16, Sen14, SYW16, SY16, SJY17, SY17b, SY17c, SMS14, SI13, Sym19, Sze17, TN17, TMZ+17, TY17, UU11, Vas14a, Vas16, Vas13, Vas14b, VLTP14, WW10, WQW16, WCZP16, WYL12, XHY16, YSK15, YWS14, YYW17, YYS+18, ZZ17d, ZCC16]. **Markov-Correlated** [RBB13]. **Markov-Dependent** [BP15a, AMP18, MZ14]. **Markov-Modulated** [WW10, YSK15, WQW16]. **Markov-switching** [AH18b, BG18, FPR17]. **Markovian** [AGR15, AKK09, AK14c, El 19, HYS18, KKKÖ17, TMZZ19, ZZ17d, ZDDH17]. **Markovian-Dependent** [AGR15]. **Marshall** [KCY+19, AJGG14, BSL+19, BNB18, Ber18, CSL17, CL16, GGDVP16, GT19, HS15b, KJAR13, MS13, MTC+19, MML17, MM11b, NH15a, NA17, SP16a, SX18]. **Marshall-Olkin** [BNB18, Ber18, GT19, MTC+19, SX18]. **Martingale** [Hua14b, AS19, CZM17, FJW17, SDS17, STD18, Wan17g]. **martingale-based** [SDS17]. **Martingales** [RJ15]. **Masafumi** [AK10, Edi10b]. **Masked** [CL10a, WY12, XT11, LSCW17]. **masking** [LS16a]. **matched** [He18, ZY17b]. **matched-pair** [ZY17b]. **Matches** [GG10b]. **Matching** [Lec11, Oga16, XZ19, ZK13b, CMS17, GGtH+19]. **Mathematical** [NCO15, CBOR18, Rah18]. **mathematics** [VW17]. **Matrices** [APM10, AV15a, GFR12, HP10, Kon10, Kur10, SAC13, SSH10, Ahm17, Bar17c, DLS17, FMPF16, KH19, NKG16, SÁHLvR17, TME19, WYY16, Xie16, ZBHW18]. **Matrix** [Aoy10, AMZ15, ASNT15, BBC13, CLGFB15, CK10, CA12, CBB06, GLZW12, Ham12, HX11, HKV12, IANT13, KK14, KA18, LX10a, MEG15, NRCG16, Ng12, RL11b, Sch12, SP13, SK12c, SAvR12, Tia12, Tsu14, WS12a, WDM14, YHS13, YW11b, YDC15, ZFL13, Zin12, AH17a, Bud16, DLZ17, FM16, HSW17, HJC17, HSSP16, MBS17, Nag18, SKK16, SS17c, Tak18, TZ17, XM17b, ZKS18, ZKW16]. **Matrix-Type** [Aoy10]. **Matrix-Variate** [Zin12, TZ17]. **Max** [HC10, RP15, DHKM17]. **Maxima** [GM14, HW15, HL16, HM12, MZ15, FF19, KVR17, RMN16, Tan18, WHHW17, ZZ17b]. **Maximal** [GG10b, NHV17, Ryc14a, SEA15, YSR11, AEB17, Li17d, NMAA19]. **Maximin** [RD10, Tan10a]. **Maximization** [Fly10]. **Maximize** [CC10b]. **Maximizing** [Cha14]. **Maximum** [AS15, BGG11, BR13, CG11a, CB11, DPA10, EY10, GLZW12, Gil12, GFG13, GG13, GGtH+19, GIT14, HB13, HLR11, KO10a, LvR12, LPN14, LG14, Lu14, Lu15, PGF11, PD10, QKP12, SHH13, ZZP10, ZLN11, ZZ19d, AS19, Ale16,

AEB17, BT18a, CW19c, DDD17, El 17, EDT18, FC18a, FF18, GFG16, God16, HLR16, Jas16, JXW17, KSBN17, KTBN17, KSDB18, KNH17, LN17, Lu16b, MBS+19, MMD18, NAC19, PC16a, PM16a, Phi18, SG16c, She18a, SA19b, Tak18, TME19, WN16b, Wu17d, XJW19, Zen17b, ZC17b, ZX16, dAdLA18]. **maximum-likelihood** [DDD17, KSBN17, KNH17, LN17, MMD18, ZC17b]. **maximums** [Ko17b]. **Maxwell** [INOC17, HC16b, HWLP18, IABG17]. **McDonald** [AE23c, OSX+16, dBSCD16]. **MCEM** [GDS+14]. **MCLE** [AHKO16]. **MCMC** [BJ19, Mat14]. **McMillan** [HYS18, SY16]. **McNemar** [Lu10, LWZ17]. **Mean** [ARD14, AS13, AB11b, BC13, BC12c, CW15a, CLZ19, DP10b, DSSL15, Fak15, Far11, FWT13, GP12, GÖ12, GSSCR12, GS15c, HX14, Hua15, HAZ16, IUT12, IRB13, KK14, KK11b, Kha11, KTW10, KRB12, KT11, LH11a, LR14, LWZD17, LM14, MZ11, MS15, Men10b, Men13b, Men13a, MS11c, Nad10, NK19, NVS19, Oga15, Rah12, Raq10, RG15, RR13, SGKB17, SG10a, SG10b, SK13a, SHH13, SS15a, SV10, SKK10, SK12b, SS13b, SK14, SST14, SMMS15, SJ10, SS14b, SS14c, TC14, TSS15, TTC17, TKW12, TJ13, WLY14a, WRZ19, XZD10, YUSC14b, ZWLI13, AO18a, AB17, ASG17, AH18a, AER16, AH17b, BJU18, BS16b, BSH17, BG19b, BP18c, CS16a, CX17, CSB19, CNG17, CN17b, CFA17, CJ17, ESAKK18, EEE16, FWZ+17a, GXB18, GK19a, GGtH+19, HKH17, Haq18, HUK19, HW18a, HR17, JPAB17]. **mean** [KGH19, KJ17, Koy18, KT18, KR17, KZ19, KA18, LW17b, LRZ17, LTV17, LMM18, MSB19a, RM16, MF16, MSR17, MT16, MSK17, NLRD17, NSSS17, PTV18, PT19, PY16b, QL19, Rah16, Raj18, Rao17a, Rez16, SHB17, SK19a, Sen16b, SG17a, SSS16, SS16c, SKM16b, SHM16, SP16d, SG17e, SPS17, SKS17, SK18b, SSS18, SS16g, SS17c, Tav16, TS17f, TKJ17, UK16, VS19, WXS18, WZZ17, YSS18, YSG17, YKL+17, ZBA17, ZRL19a, ZMV+17, ZRN17]. **Mean-Covariance** [MZ11]. **Mean-Squared** [NVS19]. **Mean-variance** [WRZ19, JPAB17, LRZ17]. **Meaning** [GIT14]. **Means** [CHP14, DDGM13, Him10, KG14a, MGM13, Ryc11, ASS18, BS16a, Bie16, CS19a, CS19b, GS17, GP16a, Gri17, Hon17, Hu16, Ima17, KPZ16, Par17a, WXZ16, WBGS19, YYWH19]. **Measure** [CEK11, DSC+14, Kit15, MP10a, NIN11, RPJ15, SDC+12, Yan15, ZB12a, Aga17a, AMP17, BK18, BP18b, Car19, CM16c, DT17, EP17, KS17, Kun17b, Kvå17, LO17, Min17, RSV17, Sab19, XHH17]. **Measured** [DPB13, ZHL15, GEM+18]. **Measurement** [CKD14, CD15, DZ12, DG12b, DMT+15, GG10a, HS11, Hua11, LH11c, MV13, SGM11, WS13, Wan13c, YS15b, ASR+19, AH17b, BRZR16, CK17a, DHKM17, GB18, Gha19, Haj19, KGH19, LLY16, RWY16, Roy16, WP16, WZK17, WF17, XQ17a, YX17, YAA+17, YZFM17, Zar19, ZF17, ZWNS18, cZzXgL18]. **Measurements** [ITG09, Ko12, RL12, WL14, BAT+18, DFH16, HCW18, JKL19, NLRD17, OMFB17, RAST18, RRRA18]. **Measures** [ADKZ16, CVC+12, Dom11, EDT18, IP13, Iez12, KM10, KB13, Kvå15, LLSM14, Man17b, MP14, NSL14, New11a, RL12, SE15, SRK11, SAC13, TD18, Tan13, TT11, TAY11, ZSD+15, BBG18, BSGS16, BMR17, BO17, Car17, CM16a,

FZ17b, FZ18, HZW17, KM16a, KG18b, Nen18, NNvRS17, NVS19, OMB17, PV16, SLOT17, SLL17, Sta17, Wie18, WZ19, YZFM17, Zar19, ZXM16]. **Measuring** [CLMW19, YW15, BCB19, HK19c, WER+19]. **Mechanics** [GV11]. **Mechanism** [ET13, BJ19, PT19]. **mechanisms** [SBLC17]. **Median** [AC15, AARN10, AG11, GB12, Kha12, SS13e, SS15c, VSS12, ZS10, HCZT19, JKJ16, LK17c, LK17b, PM16b, ZLL11, ZMV+17, ZL16f]. **Median-Ranked** [AARN10]. **medians** [AJ19, YM18]. **Mediators** [Chi12a]. **Medical** [Ko11, CLZ18]. **Medicine** [SA14]. **Medium** [MTM13]. **medoids** [BSS19]. **Meier** [Zha15a]. **members** [ST16a]. **Memory** [Aga11, Ban13, NH15b, RR14, WH15b, BT18b, Gho17, HW18a, HS18b, Quo17, Rao18, Wan19b]. **Merging** [Vij11]. **Meta** [CLC+14, DSO12, DMST12, FTF17, ZJLO17]. **Meta-Analysis** [DSO12, CLC+14, FTF17, ZJLO17]. **Meta-Modeling** [DMST12]. **methane** [AA17c]. **Method** [Aca15, BR13, Bon14, CYE15, Che10a, CLC+14, Cui12, DB15, Dji10, Fat13, FF13, FM13, Gil14, GD11, GL10b, HKLW12, Hu11a, Ko14c, Koz12, LSC12, MSS14a, MKD11, NBK14, ÖD10, SG15, SU11, SSS14a, SCC11, SNN12, Tee10, TN13, TCN15, Wan10a, WLC11, WSC13, Woj11, WYL12, Yu10, YW13, YK11, ZB12a, ZSY13, Zho09, ZT13, AMV18, Bib16, CMN+18, ÇE17a, CS16b, DZH+19, DL19, Fab16, HK19a, HJC17, IBA18, Jon18, JN19, KNC18, KJS19, KT17b, LSL16, LGLX18, LD18a, LWWW16, LH17c, MK17, NB16, NIN17, OW19, PYL17, SI17, SP17c, Slj17, Smi19, SA17c, WC16, WW17a, WG16a, WYY19, WHY18, Xue17, YD19a, YGWQ17, YL18b, ZZ19b, ZG17a, ZX18, ZT18, ZZ19c, ZRL19a]. **Methodology** [Chi12b, FV11, GMP11, KM14a, Men13b, SWW+12, TEF12, ZS12, Con16, FEP18, YGM19]. **Methods** [BZAZ15, DTO13, Gue13, KS15a, KLK14, Kim12, LM13, MA11, SC10, SK10a, XGZ11, YS15a, YC14, ZS10, Zhu10, BP18c, BCCR18, CT16, GGtH+19, KJS19, LPdDTH17, LH17a, LC17, LWD+18, MSD19, Nag17, NRN+17, PF19, RPM18, SN17, SB17, SX18, SL16, SS16e, ZB19, ZFZ17, Ano23, AE23a, AE23b, AE23d, MBS17, SG17d, AE23c, Mül12]. **Metric** [LMR13, SZL14]. **Metropolis** [GFS16, Van17]. **MI** [HYK15a]. **Microarray** [AGVGP+11, DG12a, Kim15]. **Microstructure** [TL15b, TL17]. **Mid** [Fel10]. **middle** [Wan16b]. **Midrange** [BNE15]. **migration** [El 17]. **migrations** [BKKP19]. **migratory** [El 17]. **Mileage** [Pul13]. **MIMO** [BAF19]. **min** [ZYH18, Sou17]. **Minima** [GM14, HM12]. **Minimal** [ASR+19, CSC13, Lin14b, RRRA18, LRC17, MAA17, Oll17]. **Minimally** [BVJV17]. **minimand** [LH17c]. **Minimax** [Mah12b, MM11a, Nor16, TN10, TKP17, Wan13c, Xu13, ZRN17, Bay16, HLY16, HM15, Wu17a, Xu17a, Zin18]. **Minimaxity** [Fel10]. **minimization** [CPW19, QWWW19, SH17a]. **Minimize** [SK10a]. **Minimizing** [LDY15, Oga15, RZ14, HZ17b]. **Minimum** [CB11, EIM18, GTW17, Hil15, HLL15, JFS14, JRM10b, Lu14, Lu15, MYM11, MB10, Pak14, RMC11, Wan10a, WY11, BD16a, BM17, CC16c, Fon17, GF17, JT19, LWWW16, Lu16b, Ric17, ZYLZ17, ZL16e, ZS17a, ZZ18e]. **Mis** [Yu12]. **Mis-Specification** [Yu12]. **Misclassification** [BQDH12, WH18, Xio16]. **Misclassified** [LW13b, TR16a]. **MISE** [CS15a]. **Mises**

[HK13, Kal19, MV14, Mar11, SS11b]. **mismeasured** [PCS18]. **Missing** [AAG12a, BG11a, CW15a, DP10b, Fu12c, GR15, JWZ14, Liu11a, LWH12, MMP14, QL11b, QQL14, SG14, SW14a, SSP+12, SHHH09, SP15, SSH10, SZD12, WP11, WL14, WQ14, Wei12, WJH15, XTG15, YX15, ZZ11, BP18c, BM16, BJC16, DLB17, EMH16, FEP18, zF16, GAS17, GHL17, GX18, HMT+17, HXF18, HSSP16, KT17b, LY16a, LWZD17, LXT17, LAW+19, OU16, Qiu17, RAZ19, RSG17, RKMG19, SNSA17, SLF18, Sla17, Spe17, SSY18, Sun17c, Tak18, VN17, WXZ18, XQS19, XFWC19, YSS18, YGL16, YD19b, ZCHR19, ZL17]. **Missingness** [SW14a]. **Mission** [WYL12, YGWQ17]. **missions** [DLC16]. **Misspecification** [DTE13, Šir15, BMRSE17]. **misspecified** [Far17b, GP19, Miy17, Wu16c, Xu16]. **Misspecifying** [CK10]. **Mittag** [GG18, JRM10a, KUWG19, SG16d]. **Mittag-Leffler** [GG18, JRM10a, KUWG19, SG16d]. **mix** [XXMZ18]. **mix-GEE** [XXMZ18]. **Mixed** [AR17a, Ala14, AAJ16, BF12, BC12d, Bru10, DSO12, DZ15, DN14, FQZ14, FM14, GB18, GE11, Li12b, LW13a, LS15a, LR10b, MGF14, MGM13, OQC14, PC12, RL09, SCMR15, SG14, SGR+12, Sha10b, SL15, Tan10a, TTZ14a, VML+10, WL13, YYX14, ZZ19e, Zho09, AM17b, AR17b, AH18a, BRZR16, BTC16, BAL18b, Bal18a, BKGD17, BJVV17, DLB17, EG18, EP17, FPCP16, FFN+19, Fon17, GR18b, HLP17, JYZ19, JDSS16, Kaç19, LC19, Li17d, LLD17, LCG18, LDS18, Li19, LR19, LOHW19, MBV17, MAS16, Nak17, PS18, RSG17, RS19, SG16b, Sha16, ST16f, SE17, Sun17b, Sun17a, TSG19, TLT17, Too17, UB17, WQ18, Wu18a, ZLYZ17]. **mixed-chain** [UB17]. **mixed-effects** [Nak17, Sun17b, Sun17a, TLT17]. **mixed-frequency** [GR18b]. **Mixed-level** [ZZ19e, Fon17, WQ18]. **Mixed-Models** [BF12]. **Mixing** [AR14, CS15a, FR10, GFA10, Guo14, Hu13, HWW15, KB14, LPLW13, Lia10, Lia11, LLY14, RM10, SY11, SWL14, SWLW14, WLF11, ZL12, AD17a, AD17b, hCXxShY18, CM16a, KLMD16, KAW+18, KM16b, LX17, LLM16, Lii17, LSZ16, LQ17b, LSL18, LO17, Noo16, QL19, RD16, VPCG16, WWW17, WdX17, WY16, XYL14, XY19, YWH14, YYY17, YWH17, YM17, Zha16b, ZDW17]. **mixingale** [Ike17, ZMMX17]. **Mixture** [AA13, AR13, BC12b, BM11, BPSS12, DS17a, DC10b, DN14, FDHH14, GMB+13, GC14, GDPR17, GRV15, HL13a, KQ11, LZ10, LH13, LZ14, MP12, NF11b, NF11a, NN11b, OGD17, PMA11, PM12, PJ10, Pet10, Pre11, Pri15, QZY12, RS13, RD10, RG15, YOD10, Yao12, ZM13, AIIK17, CF19, CE17b, DYXW19, DCZL17, DA17b, DBG17, FA19, zF16, FGL18, GDCO16, JPAB17, LRC17, LZ18, LL16, MP17, MN18, NM19, OE16, PLDS17, SGKB17, WYY19, Wu16a, WCF18, XZD19, XM17a, YZP17, YH19, ZZ18b, ZZ18c, ZLZ19]. **Mixture-Amount** [MP12, PM12]. **Mixtures** [Bal15, CMCCO10, Che10b, EY10, JA10, JAA11, LWL13, Ng12, NFZ11, VLD15, YS15b, CM16a, DA17b, GHBM18, KK17a, MM19, MM17, WY16, WL17d, ZHW17]. **ML** [GMR16, HYK15a, LG10, SK16e]. **MLE** [AHKO16, AO17a, CL15b, CT14, WY12, XWJ10, ZRL19a]. **MM** [DK13]. **Mobile** [YC18]. **mobility** [SSM16]. **modal** [XQS19, YLG16a]. **Mode**

[GSY10, BN17, FST16, GMS18, KY17b, LLM16, SB16a, ZMV+17]. **Model** [Abd15, AB09, AC11, AH14, AO18b, AVCL13, AT09, AL15, BA10, Bas14, BAT15, Ben14, BSSJ11, BJVV15, Bia15, BCCH14, BAK13, BG11c, BG11d, CCL14, CY14, Che10a, CT10, CXS11, CG11a, CG11b, CW13, Che14, CL15b, CZ15b, CW15a, CZ15c, CF13, Che13, CA12, Chv13, COL15, CD15, DJ15, DTE13, DCG13, Din15, DW13, DZX13, DP13b, EMI14, EY10, Eid12, Eid14, Fal14, Fam15, FLX11, FLW12, Fed14, FHZ12, FU10, FM12, FM14, FH12, Fon14, FN09, FDHH14, Fu12c, GdC12, Gal15, GT15, Gar12, GGLV14, GSB12, GS13, GDSC15a, GN10, GJM14, GE11, HD13a, HS15a, HS15b, HJ14, HX11, HEHM11, Hod14, HA14, HSHW14, Hu11a, Hu11b, Hu14a, HS11, Hua11, Hua12, HS12b, IT12, IS11, Jaf13, Jeo12, JZQ15, JFA12, KC12, KJL11, KPS10, Kha12]. **Model** [Kha13, KSDR15, Ko11, sK11, Ko14a, Ko14c, Ko15b, KT15, KCS12, Kos14, KSBM14b, KSBM14a, KG14c, KE10, KS12b, KY10b, LS09, LPS11, LS14, LY11a, LH11b, LvR12, LS15a, LX15, LD14, LDY15, LLY14, LWR11, LX13, LLQ13, Lop11, LS17e, LB11, LSC13, Lu13b, MKS15, MSSU14, Man11a, MP12, MZ11, Mao15, MBV17, MFBG13, Mat14, MJ15, MGM13, MF14, MYM11, MLGZ14, MS12b, NN15, ÖA15, PM12, PZ15, PP10, Par13b, PHW11, PMC13, PD10, Pet10, PSP12, Pop12, PDS09, QTD15, QZY12, RA11, Raz14, Rej16, RZ13, RG15, RGL12, RM15, RB11, SS12a, Say14, SN12, SA12, SGM11, Sha10b, She14a, She12a, She12b, ST13, She15b, She15c, SCC10, SCC12, SW14b, Sho15, SCdSP10, SK12b, SSS17a, ŠS12c, SE13, SSH10, SSM12, Tak14, TOT15, TWH10, Tia12, Tra11, TH15, ÜY13, VBAR15, VBATK11]. **Model** [WW10, WSW11, WLC11, WK12, WWL13, WZ13, Wan13c, WS14, WSK14, WJY15, WTZS15, Woj11, WJ11, XLPL12, XLL13, XGZ15, XYH12, XLZ+12, XY13, XLL15b, YSK15, YC18, YXC11, YC11a, Yan12, Yan14, YX15, YDL14, YWO+15, ZI12, ZI14, ZSK12, ZCHR19, ZL12, ZWLI13, ZFL13, ZW11, ZZS13, ZWPZ15, Zha15a, ZZLL15, Zho09, ZL14b, ZZC13, ACO+18, ASG17, AXLJ17, AR17b, AHAH17, AS17, ARA16, Alg19, Ali17, AAL17, ÁF16, AHP19, AJ18b, AW16, AEA17, AIIK17, AO18c, AE23b, BRZR16, BW17, BTC16, BSL+19, BP16, BBHN18, BPS16a, BD16b, BR19, Bel17, BB19a, Ben19, BB17a, BKGD17, Bic18, BCL16, BD17a, BG16a, CYF+18, CY17b, CSY19, CS18, CSC17, CW18, Cha18, CS17, CSB19, CS16c, CW16, Che16c, CKS17, CXC19, Che16d, Ciu17, CCOB16, DK17b, DLH+18, DZL18, DSA16, DTT+16, DBG17]. **model** [DM18, DR17, El 17, EKZ16, EMH16, Ery18, FNM19, FY17a, FJW17, FSSW17, FZS19, Fan18, FP17a, FI17, FWZ+17b, FC18b, FG17, FP17b, zF16, FS17, FL17, FL18b, FL19, GWL16, GH19, Gen17, GCW19, GP16b, GDPR17, GDDC19, GOLM19, GFL19, GK19b, GMS18, GHL17, GWZ17, GDW18, Haj19, HK19a, HP16, HB16, HBM16, HME17, Ho16, HWH18, HXF18, HZ18a, HZL16, HHC+17, HWY17, HL18b, HJY18, HJT19, HZ19, Ili16, JSSO18, JZ17b, JZTN17, JM16, JKS18, KWM17, KYW16, KM19b, KJS19, KLJP16, sK16c, Ko16a, KCY+19, KSDB18, KRMG19, KH18, KH19, KNH17, KS18b, KN17b, KD16c, LHS19, LGY17, LXL17,

LRZ17, Li17b, Li17c, LSY17, LZZL17, Li18, LJW18, Li19, LX19, LH17c, LMC18, LWZ18, LY16c, LG16b, LGG16, LXT17, LS17c, LY17, LYG17, LTGK17a, LL18b, LWG18a, LL18a, LWG18b, Lou19, LMdO18]. **model** [LCW+18, LSL19, MJH19, MSK18, MS17a, MBS+19, Mao18, MST19, MA18, MC19, NSS18, Nak19, NRI17, NNvRS17, NVS19, NS19, NC18c, PA18, PG18, PC16a, PMW17, PS18, PGCT19, PY16a, Par17b, PKM17, PMKF17, PMFK18, POS+19, PCS18, PK17, Qiu17, Quo17, RMM17, Rao17b, RFM18, RSG17, Ren16, Rez16, Roy16, SNSA17, SMSF19, SK16a, SG16b, SS16a, Sch17, SSD18, Sen18b, SSSM16, Sha18c, She16, sSW18, SX18, SQCL19, SK16d, ST16d, ST16e, ST16f, SP16b, ST16g, SG17f, SG17g, SG17h, ST17b, SSSK18, SSS19b, SS17c, SSS17c, SJJ19, Sun19, SNN16, SBLC17, TPN18, TMZ+17, TZW16, TS16, TS17a, TS17b, TS17c, TS17d, TT17, TE18a, Wan16a, WL17c, WRZ19, WWWX19, WZJH19, WP18, Wu16a, Wu16c, Wu17a, WSS17, Wu17b, WA17, Wu18a, Wu18b, WAA18, XZD19, XQS19, XX18, XLS19, XHL18a, hXZ17, XZ17, XX17, XQ17a]. **model** [XTT17, XHL18b, Xu16, XDW19, YX17, YZP17, YH16, YW17a, YCH17, YWH17, YJSL19, YM17, Yil18, YCL17, ZVG19, Zen17a, ZMCM16, ZL16b, ZWL16, ZZL16, Zha17d, ZW17a, ZW17b, ZW18, ZX18, ZT18, ZZ19c, ZW19b, ZL16c, ZWY16, ZL16d, ZWP17, ZWPB17, ZXF17, ZDW17, ZP17, ZDS16, Zho17, ZS17b, ZLZ19, dBSCD16]. **Model-Based** [Fon14, PMC13, AH14, MBV17, SSS17a]. **modeled** [CG16]. **Modeling** [AA13, Ani11, AEB17, BGT10, BG11d, BCD12, CE19, CCL14, DMST12, Den17, DTE13, FPCP16, GGL14, GMN13, GL15b, GRV15, Ham10, HD13a, HB16, HB17a, Har17, Jia12, KLK14, KG14b, LZY+17, LD13, LS16b, LSC13, MV13, Mon14, OD19, PP12, Pap13, PK11, Pul13, RL11a, RCdC14, SBLC17, TB15, VLTP14, WL15, WS12b, ZSS15, Abu18, AD19, ABTR19, Ayk19, BB19b, BBS16, DHP+16, DA17b, DDS16, GEM+18, Gen19, HB17b, HDS16, JJ19, LW18a, LC17, LM18b, MSD19, NC19a, PSF16, PC16b, RPM18, Roo18, SUKK19, SO17, YAA+17]. **Modelling** [ADO13, AP19, BF10, Bin14, DPB13, FGTS12, Ian14, LLQ13, WL14, Zie13]. **Models** [AA13, AB11a, AK14a, ADP10, Aka10, Ala14, AR13, Alk10, AKTS13, ASNT15, ADWR11, Are14, AG11, Atk12, AMH14, BBG14, BLN13, BH12, BP15b, BIP+10, BBC13, BC12b, BF12, Bea13, BM11, BR13, BC12d, BC14, BL13, BPSS12, Bos15, BK09, Bru10, Cag12, CNC14, CO10, CY10, CTW10, CL10c, CSF12, CHLP09, CYL13, Chi09, Chi12a, Cho10, CBB06, CDG12, CR13, DGM13, DS09, DTO13, DSO12, DK13, DMST12, DZ15, DLP15, DI10, DDM14, EIJK13, El 15, ER14, FH13a, FQZ14, Fed13, FMS15, FU10, FBS10, GG10a, GLZW12, GC14, GDS+14, GS15a, GP12, GLP14, GdSC15b, Gue14, GPÖ14, GL10b, GB12, GBC12, GMSD13, Ham12, HS15c, HD15, Han12b, HT10, HMP12, HKLW12, HF14, Hu14b, HQW15, Ian12, Iqb13, Jia12, KYS13, KR14, KV10, Ko10b, KVV11, KZW09]. **Models** [KS12c, KP12b, Lan14, LR14, LLP10, LL11, LLC10, LBL+10, LZ10, Li12b, Li12a, Li13a, LW13a, Li14a, LS15a, Li15, LW14, LW15, LZ14, LR10b, Liu11b, LWHW11, LWH12, LSZ13, LSC12, MS14a, MZ11, MP14, MP10a, MMV12,

MS12a, MT12, MG15, MM15, MN15, NB15, NA12, Nar13, Nas12, NSL14, NN11b, NV15, Oli13, Otr15, ÖD10, OM13, PMA11, PC12, Pic15, Pie11, PW11, Por11, Pri15, PC10b, QL11b, QL15, QNZ14, RSV10, Raï15, RS13, RON12, Ree12, RM15, RL09, RAG12, RF12, RE10, SBL13, SGR$^+$12, SE15, SO14a, SSS14a, ST13, She15a, SS10a, SD12, SZD12, SL15, SS12e, Tan10a, TW14, THHL15, TX14, TT11, UU11, UPA13a, UM09, UDC12, VRC13, VML$^+$10, VMVD14, Vij11, WDZ11, WCL10, Wan10b, WS11, WL11, WLC11, WS12a, Wan13b, WL13, WW13a, WW13c, WSC13, WZY14]. **Models** [WW15a, WWT15, WT15, WLW15, WSlT15, Wei12, WJH15, Wu11, Wu13, XWJ10, XLL15a, XTG15, XF12, XT12, XY12, YC12, YLS10, YHA10b, YW11a, YYX14, YWLY11, Yu10, hYhW14, YHC14, ZK13a, ZLN11, ZTZ$^+$13, ZY14, ZK15a, ZX10, ZZ10, ZW09, ZS10, ZLF14, ZB12b, AM17b, AV18, Ale16, AH18b, AAO17, Ami18, ANA17, AN17c, AG17, BRZR16, BKM18, BBA16, BMLY19, Bib16, BG18, BG19c, Bic18, BM16, BG16b, CZCM19, CRTdC17, CE19, CR16, CCCT16, Cha16, CK17b, CK19, CLZ16, CN17a, CZ19c, Con16, CFK17, CCY17, DMM16, DYXW19, DK17b, DCZL17, Djo17, DA16, Dvo17, EE16, EP17, FTT16, FZ18, FPCP16, FFN$^+$19, FM17, GST17, GB18, Gha19, GP19, GR18b, GSLZ16, GYL17, GX18, HTW17, HHS18, HB17a, HP17a, HB17b, HP17b, HH19, HAP17, HZ17b, HHC16, HR17, HZ18b, HJT19, HNB17, HS18b]. **models** [Isl17, IKH19, JXW17, JQZ18, JYZ19, JDSS16, JHM19, JD16, KM18, KS17, Ker17, KLKK17, LPC17, LLHZ16, LY16a, LLY16, LCZ16, LRC17, LTCQ17, Li17d, LLD17, LLLL18, LCG18, LD18a, LS16a, LZS17, LP17, Liu17a, LTGK17b, LLWK18, Liu19, LS17e, LAW$^+$19, LWWR18, LLF19, LQYZ17, MBS17, MMN16, MMP18, MHA19, MN19, MB17a, MFPG16, MFFMA17, Maz19, MAS16, Mer16, MDC16, MGLX14, MGN16, MN18, Miy17, MKY16, Mur16b, Nak17, NSR$^+$19, NN16a, NM19, NAML16, Nor16, NPC17, OH16, OE16, OAOQ16, OB16, Pan19, PBL19, PDdHNMR17, PM18, PNPB19, Phi18, QJKC17, RS19, ROM16, RTT17, RA16, SN17, Sab19, SAD16, SDS17, Say17, SG16d, SM17, SF16, Sha16, She17, SNW19, SLSE19, Slj17, SE17, Su17b, Sun17b, Sun17a, Sun17c, SÁHLvR17, Tak18, Tat16, TP19, TLT17, TK17b, Tu17, TE18b, VN17]. **models** [WZ16, WQW16, Wan16d, WH17b, Wan18, WX19, WYY19, WL17d, WXZ18, WCF18, XJW17, XJW19, XTS16, XXMZ18, XM17a, Xu17b, XT17, XFWC19, XKW19, Xue17, Yan16, Yan18, YY16, YLG16a, YLG16b, YSC17a, YCZ17, YYW17, YL18b, YA17, YWLZ17, YH19, YZ18, Zar19, ZCHR19, ZZ19b, ZF18, Zha17e, ZF17, ZZ18b, ZQZY18, ZZ18c, ZSWA19, ZL16c, ZSS18, ZL16f, ZL18, cZzXgL18, ZY19, ZZZ19, ZX16, ZZL19, dPD16]. **Moderate** [CGW15, CL15b, DW17, FS17, JY16, Kon15a, Li14b, MG19, MGLX14, Gri17, LJW18, LS17d, XP18]. **Modes** [Miy10]. **Modification** [AT11, CW14, Nak17, Yam17b, YD19a]. **Modified** [AW10, AK13, APA14, BP15a, DPP15a, FN18, FP17b, Gar10, HK13, Hua14b, ICBG18, IKH19, JR18b, KMS13, KPZ16, KR15, LY11a, LL17e, Mar12, Mur13, RGV16, SS11b, She12b, Šir14, UPA13b, ZB19, ZSK12, Alm18, BN16, CE17b, CTAL17, EEE16, GG16a, HP17a, Har17, INOC17, JK19, KAJH18,

LS17d, RM16, Mur16a, NNZA16, NNZA18, OPK17, ST16e, TC17, YXZ17]. **modifying** [PMFK18]. **modular** [KAR16]. **Modulated** [WW10, YSK15, Man18, WQW16]. **modules** [FY17b]. **Modulus** [BB12, Hu17, NE17]. **Moment** [Afe13, CL17b, DK13, EB12, FM13, Fu11b, Guo14, HWYW14, HL15, LS09, LCG12, LL12, LP18, Oga11, Sto12, WTZ15, pZ13, Bib16, CZ19c, CLW17, CLL17, DP17, DWM$^+$17, DTWW17, DA16, Fab16, GGO17, HLR16, JYX16, JY16, Kap18, LH17b, LSYL17, LL19b, MWW18, ST17a, SW19c, WHV16, WYMZ17, Wie18, WV16, XTL$^+$17, Xie16, YHW17, YQC17, ZRL19a]. **Moment-Based** [Afe13, Wie18]. **moment-generating** [WYMZ17]. **moment-type** [LL19b]. **Moments** [AKK09, AK14c, AR13, BS12b, BZAZ15, BM11, ÇG18, CdSBB15, Gil14, GIT14, HS12a, KO10a, KRH12, KK17a, SMS14, SM14, Wu13, Xu12, ZKW16, AGAM17, AMV18, Cav17, Dut17, HWLP18, KI19, Mna17, NC18b, NA17, RMN16, Shu19, SG17g, SA17c, ZRL19b]. **Moments-Based** [KRH12]. **MOMW** [DPP15b]. **Monge** [Sel17a]. **monitor** [SNAN17]. **Monitoring** [ARD14, ASMZ14, CTQ11, CC11, Cox15, FNDM12, GS17, HD13b, Hua15, KTW10, LTCQ17, MCY10, MN13a, Muk10, NGT13, NKS15, NNI15, QTD15, SHH13, SN14, TKW12, XGZ11, ZARH14, ZM13, AO18a, AR17a, AH18a, CG16, FKNR17, FK19, Haq18, HUK19, HK19b, JBA18, Lu16c, MATC18, PBA17, PBA18, ZSJ16, vZvdM19]. **monomodality** [PFD19]. **monomode** [PFD19]. **Monotone** [SSH17, Tsu14, YW13, BG11a, HSSP16, KNC18, KN17b, PL17, YSS18, ZZ18b]. **monotonic** [SY17a, Zen17a]. **Monro** [AD17b, GFS16, RD16]. **Monte** [Chi12a, Hol15, OOT19, ÖD10, XM17a, Zha17c]. **Monte-Carlo** [Chi12a]. **Moore** [YHS13]. **Morgenstern** [Gup16, PV16, SM16, TB12, YYL17]. **Mortality** [ABTR19, Con10, AHP19, Ayk19, CE19, DHP$^+$16, DYW18, WZJH19, WER$^+$19, ZK19, ZMCM16]. **mortality-linked** [DYW18]. **Mortem** [WS12b]. **Most** [CB12, cTtL14, BMRSE17, SSS18]. **Motion** [GV11, HW11, Kaw13, LS12, Lu14, LS15b, Lu15, MS11b, PW11, SY14a, SY14b, Zha13, ZZ15, ZLD15, Ai17, AS18, Dai16, GWK19, HAP17, Hu17, LL17e, LTC17, Lu16b, RS16, SXZ17, Sti17, Yu19, ZLD16]. **Motions** [CLV14, YSC17b]. **motivated** [GRSN18]. **Moving** [CTQ11, Hua14a, Ju15, MZ10a, Men10b, Men13a, MS10c, MS14c, PSP12, SA12, SL13, SHH13, SP11a, Sun11, TKW12, WW15a, XLPL12, pZ13, ZLZ15, AP17, AAJ16, BP18b, DTWW17, Ko17b, LZY$^+$17, Lu18, STD18, WT18, WN16b, YKL$^+$17, ZZ17d]. **Moving-Average** [pZ13, DTWW17, Ko17b]. **MSE** [NE17, NO12, NO18, Xu13, Xu17a, XN19]. **Multi** [Arn11, BCH12, BD11a, BO14, CM13b, DSC$^+$14, DD13, EI11, Gue10, Gue13, sK12a, sK13b, Ko15b, Ko15a, LH14b, MGP14, MBN14, MZ14, NN11b, Oga11, SDC$^+$12, SG11, UU11, WW13c, WZT15, ZBHW18, ZH16, AHH16, Ahm17, BS19, CBSN16, DLC16, JSS16, KS19, LAW$^+$19, Lou19, LSL19, MSEN18, PNPB19, SH17b, SSS17b, SKM17, SS16i, Su17b, Tat16, WYG17, XZ17, ZZ19b, ZZ19e]. **multi-auxiliary** [AHH16, SSS17b, SKM17, SS16i]. **Multi-Casting** [BCH12].

**Multi-Character** [Arn11]. **Multi-Class** [Gue10, Gue13]. **multi-dividing** [WYG17]. **Multi-Factor** [DD13, ZH16]. **Multi-Group** [Oga11]. **multi-index** [ZZ19b]. **multi-layer** [XZ17]. **Multi-Level** [MGP14, CBSN16]. **multi-objective** [SH17b]. **Multi-Optima** [SG11]. **multi-phased** [DLC16]. **Multi-Population** [SG11]. **multi-proportions** [JSS16]. **Multi-Regional** [Ko15a, sK12a, sK13b, Ko15b]. **Multi-Response** [BO14, MBN14, MSEN18]. **Multi-Risk** [WW13c, LSL19]. **Multi-Sample** [CM13b, ZBHW18, Ahm17]. **Multi-Stage** [NN11b, UU11, PNPB19]. **Multi-State** [DSC$^+$14, EI11, SDC$^+$12, LH14b, KS19, LAW$^+$19, Tat16]. **Multi-Treatment** [BD11a, BS19]. **Multi-type** [MZ14]. **Multi-Unit** [WZT15]. **multi-way** [Su17b]. **multiauxiliary** [SKM16b]. **Multicollinearity** [MSS14b, HJC17]. **Multicomponent** [RAK15, DMA17, RAA17]. **Multidimensional** [BBG14, MM11a, CN17b, Yu19]. **multifactor** [AHP19, ROM16]. **Multifractional** [Dai15]. **Multilevel** [AAG12a, MG15, RM15, TME19, LW18a, OH16, ZMCM16]. **Multinomial** [Far12, Lan14, MP10a, AXLJ17, BG17, CGS16, FGL18, Ghr19, Kar17, MSK18, PGCT19, YJSL19]. **Multinomial-Poisson** [Lan14]. **Multiple** [AKL15, ASMZ14, AG11, AGVGP$^+$11, BL10, BB14a, CHLP09, CB10, CB12, Con12, CMCSC12, DHP$^+$16, DC14, DC10a, El 17, El 19, hFmH14, FN18, GH13, GGS13, GW15a, HKLW12, Ima18, JFS14, Kem11, Ko14d, LP10, LWWH14, LS15a, Lin14a, LH14b, MWW14, NNZA16, RVD14, Sha10b, SL14, She15b, Shi10, SYP13, SD12, SM14, TS12, WCL11, Wan19a, WBGS19, XQ17a, XLZ$^+$12, XY12, YCAJ18, Zar19, ZS12, ZW09, Zho10, BAL18b, BL19, CW18, CQ17, Che19a, CKT18, CFK17, DAC17, GEM$^+$18, He17, Ko16b, LMZ17, LS17b, LPHC18, LCWG16, NC19b, PK18, PMKF17, SMSF19, Say17, Sen16b, Sen16a, SY17d, TN17, WX17, Wan18, WH18, XK18, ZBTL17, ZT18, ZWZwZ17]. **Multiple-Component** [hFmH14]. **multiple-outlier** [Wan18]. **Multiple-response** [XQ17a]. **Multiple-robot** [FN18]. **Multiple-Sample** [SL14]. **Multiple-start** [NNZA16]. **Multiple-Stream** [WCL11]. **Multiplicative** [DL11, EE11, LR14, Otr15, PBY$^+$14, PYB$^+$15, Yu10, Pop16, SN17, SQCL19, ZZL16]. **multiplier** [Par17b, Sen18a]. **Multiply** [EDAAS12, LJ13, HD17]. **Multipower** [LZF17]. **Multiregional** [Ko14a, sK16c]. **multiresponse** [KB17]. **Multiscale** [XZD19]. **Multistage** [BL10, PC16b, SAS11, FF18, MSEN18]. **Multistate** [AEH11, OAOQ16]. **Multitype** [GDS$^+$14]. **multivariable** [HW18a]. **Multivariate** [Aga17a, AV15a, ASMZ14, AKTS13, BQC17, BF12, BC13, BC12d, BBS16, BYDM15, BEZ11, BD17b, CY14, CLC$^+$14, CA12, CM12, CDZ14, DGV11, DLB17, Fam15, Fed13, Fer14, FFA09, FF13, FAS11, GDS$^+$14, GCR12, Gia14, HL13a, HHW14, IP13, Jaf15, KSK15, Kim11, jK15, Ko12, KVV11, Kon10, KS12c, LG10, LZ14, LX13, LWH19, Lop11, MZ10a, MV14, MFFMA17, MCY10, MCY11, MF14, Men10b, MS10c, MS14c, NF11b, NAMD14, NNA12, NK15, PT10, QNZ14, RL11a, RAP13, RLL12, RR09, RL11b, RL12, SRN17, SGD11, SA15a, She15a, Sim14a, Sim14b, SN14, SC18, SSH10, SZ13, TT10, VPMF14, WSC13, XZNL15, Xu12, YS12, Yeh12, Yeh13, Yeh15, Yeh17,

ZFL13, ZVS14, ZHZA18, AR17a, AP17, AA17b, AJT16, AH17a, AGA17b, BR17, BS16c, BAKZ18, BT18b, Ber18, BK19]. **multivariate** [Bud16, CS16a, CR16, Che16a, CN17a, CM18, DY18, DC17, DBA18, DLZ17, DS16b, DS17e, ESAKK18, FPPRG16, GS17, GEM+18, Gra17, GICRR17, Had17, HK19b, HMT+17, HME17, Hu16, Isl17, JPAB17, JYZ19, KP18a, Ko16a, KKS18, KRMG19, KN18c, LK17c, LL17a, Li17a, Lu16a, MC18, MFPG16, MV16a, Maz19, MAS16, MA17, MF16, MN18, MAAI17, Mur16b, NAC19, NKG16, Nav16, NNvRS17, NVS19, OW19, PM18, PM17, RMM17, RJN16, Shu19, SS16e, SÁHLvR17, TWG18, VN17, VPMV16, WH16b, WB18, XQ17a, Xu17a, XO19, ZLT17, ZSWA19, ZRN17]. **Murthy** [Sen17a]. **mutually** [LL17b].

**N** [Vas14a, Vas14a]. **nabla** [GG18]. **Nadaraya** [Li16]. **naive** [TN19]. **Nakagami** [ÖGGB16]. **Narrowest** [YXG11]. **national** [WER+19]. **Natural** [AMZ15, TN15]. **Navigation** [Pap13]. **NBAFR** [PMA14]. **NBINAR** [RNB12]. **ND** [WW19]. **Near** [CM13b, CA14, GLS12, GC12, Spa19, Tch19, KVR17]. **Near-collinearity** [Spa19]. **Near-Exact** [CM13b, CA14, GC12]. **near-maxima** [KVR17]. **Near-Records** [GLS12]. **Nearest** [SF12a, TS12, VBATK11]. **Nearly** [DS17c, DS17d, Lef10, LJW18, QYLL17]. **Nearness** [AB14, ÜY13, YLX10]. **Necessary** [BBHN18]. **Neck** [MSSU14, Sha18c]. **needed** [Tar17]. **NEG** [SUKK19]. **Negative** [ASB13, FWH+15, Gui15, HWYW14, IO13, Imo15, OCIS12, RNB12, Ryc11, SG14, SSON11, Tee12, YCL17, YL15, Zör14, AJ18a, Bar19, CRTdC17, CO16b, CG16, CG17, Coo19, CCOB16, CW19c, DR17, FWZ+17a, IK18, IF18, JM16, NC18b, OMFB17, SG16b, TS17c, WH16c, YHW17]. **Negatively** [GZSS14, KL11, LWY10, LQ13, LW14, LW15, QL11a, Sun15, WHVH13, WLHW14, WJ11, XY09, XM14, CF16, CL17a, FWW19, GHSZ19, Ko18, MWW18, Men19, NHV17, SZV16, SS17b, SXW17, WH17b, WV16, Wu17c, XTL+17, YQC17, YW18, Zha17a]. **Neglected** [BC12a, ZW13, QCK19]. **negligible** [WN16a, ZZSP14]. **Neighbor** [AJV11, AA11a, AIA14, FM12, VJV14, HH16, IBA18, Oll17]. **Neighbor-Balanced** [AJV11, AA11a, VJV14]. **Neighboring** [BJVV15]. **Neighbors** [VBATK11]. **Nested** [CL14, CC14, CL15a, KLS12, KE10, KS12b, MGM13, Par13b, YA13, LS17e, MST19, PGCT19, PY16a, Say17, SE17, Su17b, Yad16, fZWD19]. **net** [YS19]. **net-penalized** [YS19]. **Network** [Bar17c, CL10b, GLP14, Gup14, LH14b, SB12, FKNR17, FK19, Gun16, RBK+19, TSG19]. **Networks** [CCL+13, HTN15, HL11, KS15a, MV13, MS14b, PJL13, SWW+12, SA14, ZA14, HCW18, LD17, LDS18, LQHZ18, LD18b, LQW19, ZQQY17]. **Neural** [GLP14, ZA14, LDS18, RBK+19]. **neuroscience** [Rah18]. **Neurotoxicology** [Raz14]. **neutralize** [SKM17]. **Newsboy** [SYP13]. **Newsboy-Type** [SYP13]. **Neyman** [TS17a, TS17d, Tor12]. **NGINAR** [RBN19]. **Nikulin** [Voi10]. **NMAR** [KT17b]. **NMF** [ZLDT14]. **NMF-framework** [ZLDT14]. **No**

[Mül12]. **NOD** [CLLW16]. **Node** [SRT14]. **Node-Sampling** [SRT14]. **Noise** [LX10b, PBY+14, PYB+15, QTD10, Rab13, TL15b, TN15, WG15, Zil11, ABK17, Ben19, CS19c, GDW18, LYX18, Mat18, SW19a, TL17, TK17b, ZT17]. **noises** [Haj19, Pan19, PTV18, SJ19]. **Noisy** [JLL13, NAMD14, SG11, GGtH+19, LG18]. **Nominal** [NNI15, HSW17]. **Non** [AV15a, AASR12, AD10, Atk12, BG11a, BL15, BD11b, BJVV15, Car19, CS15a, CY10, Che11, Che17a, CCMA18, DC14, DDGM13, DY16, DMST12, DO13, Fan15, Fro17b, FZ10b, Gra10, Gui15, GK19c, HH16, HL18a, Han15, Hay10, HMT+17, Hen17, HS15d, HWYW14, IO13, JZ17a, JSZL17, JHP10, KNC18, KY17b, KK11b, KJD+15, Koi10, KL17b, LA17, LR10a, Lem14, LS14, Lu18, Mas15, MMP14, MST19, MM15, MT19, MW10, MSW13, NGT13, NK15, OCIS12, PJ10, Par15b, PS14, PYB+15, Raï15, Rat13, RN13, Say17, SK13a, SR17, She18b, SN16, SKK10, SK10a, SK14, SMPH15, Son16, SSR19, TSS15, TWTG14, THHL15, Tee10, TCN15, UC14, Vas13, VT15, WW13a, WG15, WZ15, XTG15, Xin15, Xu10, XMP17, YWLY11, YW13, ZZ18b, ZZ18a, Zha15b, ZZSP14, AB17, Ahm17, ASG17, AA17c, AASRZE17]. **non** [AMP18, Arv18, AO18c, AH17b, BTC16, BZH19, BQC17, Bar17a, BAR16, BP18b, BH17b, BS17, BJVV17, Bur17, CSB19, CCZR17, CM16d, Ciu17, CMS17, DAC17, Dan18, DAS16b, DR17, El 17, FWZ+17a, FJS+18, FRC16, FY17b, FL18b, FL19, GZ17, GHSZ19, GS17, GCW19, Gol16, Gor17, GPP19, HK19b, HZW17, HHC16, Hua17a, Hua17b, HJY18, IK18, Isl17, JXW17, KJ17, Kon16, KG18a, KZ19, KN17b, LP19, Li17d, LD18a, LL19b, LMT17, LS17e, LMdO18, MSB19a, Man17b, MHF16, Mur16a, NSR+19, OMFB17, OB16, OTA17, PC16a, PDdHNMR17, PS17b, PC16b, PHH18, PK17, Rah16, RSC16, RSG17, SB16a, SNAN17, SGA19, SJ19, SKM16a, SKM16b, SSB17c, SSS17a, SMK17, SKS17, SKM17, SK18b, SSS18, SN18, SE17, SHLQ17, SSS17c, SNS19, Sun17b, Sym19, Sze17, TWZ16, TS19, Tu17, UK16, WQW16]. **non** [WP16, WZX17, Wie18, XTS16, XTT17, Yan18, Yan17a, YHW17, YYY17, YYW17, YWH17, YYS+18, YWL17, YSG17, YD19b, Zha16a, ZDW17, ZFZ17]. **non-central** [LMT17]. **Non-commutative** [MT19]. **Non-Degenerate** [FZ10b]. **Non-Homogeneous** [DDGM13, LS14, GPP19]. **non-identically** [BZH19, TWZ16]. **non-inferiority** [AASRZE17]. **non-linear** [XTS16]. **non-Lipschitz** [SJ19]. **non-negative** [IK18]. **Non-negligible** [ZZSP14]. **Non-nested** [MST19]. **Non-Normal** [BD11b, HMT+17]. **non-normality** [Ahm17]. **non-overlapping** [Kon16]. **Non-parametric** [CCMA18, HMT+17, JSZL17, SSR19, ZZ18a, HK19b, HJY18]. **Non-Positive** [AD10, LL19b]. **Non-Regular** [Hay10, Koi10, MW10]. **Non-Renewing** [JHP10]. **non-response** [SK18b]. **non-stationary** [FL19]. **Non-Uniform** [Rat13, SNS19]. **Nonadjacent** [EB12]. **Noncentral** [SSON11]. **Noncompliance** [Chi10]. **none** [GZ16]. **nonexistence** [Kha19a]. **nonhomogeneous** [SY16, ZW19a]. **Nonignorability** [ZT13]. **Nonignorable** [SG14, WCGZ12]. **Nonlinear** [AAM14, CTW10, Li14a, MS12a, VRC13, XWJ10, El 19, Haj19, KLJP16, XJW17, XJW19].

**Nonlinearity** [DMRO14]. **Nonnegative** [FWT13, CS19b]. **Nonnested** [RON12]. **Nonnormal** [Bur15, HX14]. **Nonparametric** [ARJF19, AJA14, ABI12, Arf13, BG11c, CC10a, CL10c, CYY14, CS14b, CMCSC12, CCSCME13, DNL12, Fak15, FZS19, Fu12a, GL15a, GFR12, Hu13, Hua12, HCS10, JO10, KS10b, KLK14, KNK13, KHC14, LLP10, LL11, LX11, Li12b, Lop11, Man11a, Mar15, MW10, NBS13, Nge11, OW19, PS12, QTD10, QQL14, RASMN14, Rao10, RA11, RM10, Ryc11, She10a, sS12b, She12b, She13, SS10a, VLD15, VV12, VB12, VB13, WR10, Wan13b, WZY14, zXyL13, XT11, YMF15, ZZA12, ZVS14, ZL14b, ZLWZ10, BT18b, Che16b, SNW19, ZG19b]. **Nonresponse** [WCGZ12, PM17]. **Nonstationary** [AP12, CTQ11, SWL14, ZY19]. **Nooghabi** [LF17]. **Norm** [MYM11, YW11b, Has19, XML16]. **Normal** [AT17, AR17c, ASAN12, AVCG10, AVCL13, AGVB10, BG11a, BM15, BC13, BD11b, CHP14, CN15, DK09, EMI14, Far11, GC14, Gra10, Gui15, HKNL15, HYK15a, IUT12, Jaf15, JN19, KSK15, Kha13, Kon10, KLM10, KT11, KA15, LMG13, LVBS10, LX10a, LSSS14, MM13, MH11, Mey13, NAA13, Ng12, NRW15, NGT13, NP15, Peg12, QNP12, RCC12, RN13, SCdSP10, Smi19, SSH10, SI13, Tak14, TT10, TP14, VMVD14, WLC11, WS13, WG14, AM17b, AFL19, ATO19, AJT16, AJ19, AH17a, BK17a, BMFS18, BCP17, Can15, CFA17, CN17c, CAPO17, DeR19, DS17b, DA17b, DZH$^+$19, ESAKK18, HV17, HEB16, HMT$^+$17, Hu16, HS17, Iga16, Ima17, Ima18, JPAB17, KNC18, KK17a, KKS18, LP18, LAF17, MM19, MN17, MM17, MFPG16, MF16, MT16, NAC19, NKG16, NAAC16]. **normal** [OHKK17, POS$^+$19, RS19, Raz14, RG19, RPH17, RN17, SG18a, aSaCN18, SSB17a, SN18, SC18, Tak18, Tar17, TN16, TKJ17, VLD15, WYY19, Wie18, XQ17b, ZVG19, Zha17d, Zha17b, ZRL19a, ZZJ19, ZG17b, ZKW16, ZRN17, AT17]. **normal-inverse-gamma** [ZRL19a]. **Normal-Laplace** [AR17c, ASAN12]. **normal/independent** [ZVG19]. **Normality** [AV15a, BDM15, BEKL13, DLL13, HS15d, Lia11, Liu11b, MFS12, NA13, RB11, SY11, SS11b, Xu10, YC12, Yan12, ZL12, Ahm17, Isl17, Kal19, KP18a, KR16, KKS18, KTBN17, LTZ19, NHN16, Par17a, SNW19, VPMV16, WdX17, XZA18, YWL17, ZDW17]. **Normalized** [GS13, Hui10, hCXxShY18, CS19a, CD17, Kal17, LPH16, Wu17c, Zha16b]. **Normalizing** [Mae10, GR18b]. **Normally** [CY10, SYP13, YWLY11]. **Norms** [Li14a, RS16]. **North** [LS16b]. **Norwegian** [NB15]. **Note** [Bea13, Bea15, Bi15, Cag12, Can15, CS17, CP14, sDsWcCjK14, DS14, Fle13, Fre14, Gro10, HSMK13b, Hol15, HWYW14, Hug09, Lec11, LX10b, Li11, LH13, MB10, PMC10, PT15, RS14, RM10, Rub10, SKG12, SP15, Tsi18, VP10, Voi15, WZ10, Web12, dXcY12, YWH14, YL10, ZJC10, ZTSL15, ZC11, AL16, Arv18, Bar17a, BM17, Bic18, Cle18, DP18, HZ17a, Ike17, JM16, Kam19, KM19b, Kha19a, Li17c, Lu16a, LQYZ17, MH16b, MX19, MSR17, NAB16, PBA18, Sin16, SO17, WK19, Wie18, WB18, WZZ17, Yam17b, YJ17, ZWPB17, ZY17b]. **Notes** [GY13]. **Notions** [Dom11, FPPRG16]. **Novel** [Che10a, DZ14, GCR12, HHC$^+$17, SL18, WCW17, ZZ19b]. **np** [JBA18, LK17a, LK17b, ZWZwZ17, KM19a]. **NPMLE** [YSHL11]. **NQD**

[Sun13, TWZ16, WG16b, WP19, YZG17]. **NSD** [HZZ19, SWZ16]. **Nuisance** [Gri15, Kak12, LN13a, CM16c]. **Null** [Lem14, Xu10, Zha15b, MR17]. **Number** [Cey11, CT13, Dra13, EM13, GLS12, Gov11, GB15, KJD+15, Kon16, MWW14, MZ14, NN13, RZ14, RAB15, TD14, WLY14b, WSK14, ZZP10, Bic17, CN15, CN17c, CCY17, CW19c, DBC16, DWW18, EW16, El 17, FTF17, GHSZ19, GFM17, GYL17, Kon19, LY17, MB17a, SN18, SU17a, Su17b, Van16, ZL16d, ZCC16]. **Numbers** [Ko13, KB14, dXcY12, XY14, YWS14, BZH19, CHZ17, CL17a, CS19b, Dan18, DWX17, HC16a, NMAA19, NHV17, Pen17, SZV16, SY16, SY17c, TY17, WP19, YYW17, YYS+18, YYWH19, Zha17a, ZMN17]. **Numerical** [Afs13, BR13, RG16, WYL12, CMN+18, Spa19].

**Object** [MV13]. **Object-Oriented** [MV13]. **Objective** [KLKK17, LKK17, SJ10, TS12, WS13, XT12, HT16b, LS17a, SKK18, SH17b, ZW18]. **Objects** [KS12a]. **observable** [BER16a]. **Observation** [DS09, Den13, Sco11, ZZSP14, DDS16, NAAC16, RAZ19, SSD19]. **Observational** [YW15]. **Observations** [BKP11, HB13, KB13, Kum15, Li13a, Lu11, MLGZ14, MSW13, NIN11, ÖA15, RAB15, SGPA12, SB11, Xin10, ZLZ15, BR17, BANC17, Gha19, HA18, KVR17, MV16a, Pop16, PT16, QL19, Van16, WXS18]. **Observed** [JTR15, MS10a, CY16, LAW+19, PG16]. **Obtain** [FN09, LWWW16]. **Obtained** [LN13a, WBH10, PYL17]. **Obtaining** [LKK15, Wan10a, HT16b]. **Occasion** [SK10a, SSP+12, SK12b, SK14, SMPH15, SMMS15, BS16a, PM16b, SKM16a, SKT16, SS16c, SKM16b, SP16d, SSB17c, SMK17, SP17c, SKM17, SSS18]. **occasional** [ZT17]. **occasions** [SP16c, SKM16a]. **Occurrence** [VLTP14]. **occurrences** [Ery18]. **occurs** [SKM16a]. **Odd** [Coo12, CARO17, CAPO17, HOAH17, POS+19, SY17c, Shu19, TY17]. **odd-even** [SY17c]. **Odds** [BSY12, LZ10, NS15a, TWH10, Bur17, KRB13, KN18b]. **Off** [LLV10, PVB13, SH17b]. **Off-Centered** [LLV10]. **offered** [Gun16]. **Offset** [PJL13]. **Offspring** [Rah12, Rah16]. **Often** [Koz12]. **Old** [AT17]. **Old-Faithful** [AT17]. **Oliveira** [AE23c]. **Olkin** [AJGG14, BSL+19, BNB18, Ber18, CSL17, CL16, GGDVP16, GT19, HS15b, KCY+19, KJAR13, MS13, MTC+19, MML17, NH15a, NA17, SP16a, SX18]. **OLS** [CO10]. **OLSE** [Arv18]. **Oluyede** [AE23d]. **Omega** [GH19]. **omission** [CM16b]. **omnibus** [HOK17]. **On-Line** [BQDH12, HD13b]. **Oncology** [LSD10]. **One** [Afs13, BP15a, BS12c, BDKM12, CHP14, Eid12, GAK14, GB12, KL10, KTW10, KX18, Muk10, PHW11, SAJMF12, SAJ13, She12b, SE13, Tak14, WXPL13, WS14, XFC11, Yen12, Zha14, ZSJ16, DO19, GGDVP16, HN17b, KRMG19, LQ17a, Lin19, LWG18b, LL19c, MGG+17, RC16, RAZ19, Sou17, TSOT19, WSW16, Wu16d, YSS18, YCAJ18, YL18d]. **One-** [BS12c, BDKM12, KX18]. **One-Dimensional** [Afs13]. **one-parameter** [LQ17a]. **One-Sample** [KL10, HN17b]. **One-Shot** [Muk10]. **One-Sided**

[GAK14, PHW11, SE13, WXPL13, Yen12, Zha14, Tak14, ZSJ16, LWG18b, RC16, Wu16d, YCAJ18]. **One-Step** [BP15a, Lin19]. **One-Step-Ahead** [GB12]. **One-Way** [Eid12, SAJ13, SAJMF12, WS14, MGG+17, YSS18]. **Ones** [Cah15, DZ15, MP15]. **Online** [BMQ16, XHY16]. **ontology** [WYG17]. **Open** [Hug09, SF12a]. **Open-Set** [SF12a]. **Operating** [MJ15]. **operational** [LCWG16]. **Operations** [Mas15]. **Operator** [ER11, JS13, ZWZ12, HZS17, KU17, Nas18]. **Operators** [Yar14, Dut17, Nag18]. **Opposite** [DDÚF11]. **optical** [Gun16]. **Optima** [SG11]. **Optimal** [ANJ17, AKL15, AIA14, AW10, AEH11, Bal18a, BAA+18, BJVV15, BJVV17, BSB12, CY17b, CG12, CG14a, CK17a, CBSN16, CT11, CSC13, Cha16, CC10b, Che14, Che19a, CYL13, CC10d, CGSM10, DW19, DDM10, DDM14, FG11, Gra12, HW14, HK11, Jaf13, JYZ19, KM19a, KS12a, LH11a, LK17c, LK17b, LG16a, LL19c, LLSM14, MWY18, Mal17, Mar15, MS10b, Mat11, MS14b, Mer16, NC14, OQL12, PGCT19, RK19, SB17, ST16b, TMZ+17, Tin10, TS12, Tra11, cTtL14, VW18, WWWX19, XK18, YZP17, YWX17, YLS17, YKL+17, ZY14, ZY17a, ZWY16, ZDDH17, CG19, DK17b, DS17c, DS17d, EQ17, FWLL19, FPM19, FM17, FN09, GFS16, KAR16, KS19, KD16c, LRC17, LZ18, LPDD19, MN19, NS17, ÖK17, Pak17, QCK19, RZ14, ROM16, SCYR17, SCYR19, Sen16b, ST16e, TK17b, WX17, WW17b, Xio16, YL18a, ZF18]. **optimal** [ZW17c, ZYH17, ZLZ19]. **Optimality** [BB14a, BP18c, CEK11, FM12, FM14, Tak10b, HS19, JJ16, JKD17, OPK17, OQ17, Ros19]. **Optimization** [CYE15, CC19, DGMC17, FY17a, IES+17, KDG+18, MSEN18]. **optimization-based** [KDG+18]. **optimized** [LO17]. **Optimizing** [KV10, PVB13]. **Optimum** [Atk12, DD13, MP12, MP17, PMA11, PM12, TGXX12]. **Option** [CCH+10, CMN+18, FNM19, FSSW17, LLLL18, LMC18]. **Optional** [AO17b, Arn19, GMRN13, GMSD13, GMR16, KC19b, MA18, TS17b]. **Options** [WW10, HZ17b, LSW17, SL16, ZG17a, ZZ19c]. **Oracle** [FC18b, GP19, NS19]. **Order** [AA10, AAG12a, AB14, AH13, Aka10, ADWR11, AAG12b, BTK10, BS12b, BZAZ15, Bar10, BBC13, BB14b, (Ba14, BC12c, Bur09, CTQ11, Cra14, DPA10, DPP15a, Deb12, EB12, EDAAS12, GSB12, GD12, GK13, GB12, Han15, HLX14, ITG09, IUT12, IRB13, JPAB17, JP13, Kak10, Kak12, KO10a, KV10, KT15, KP12b, LWL13, Len17, MCX10, Min10, MA14, MS14c, NC14, OM13, PP10, PJ14, Raï15, RA11, RS10, RGI15, RAB15, Ryc14a, SA12, SDJ15, SP11a, Ste11, SM14, TB12, Tak10b, TOT15, TV11, VT15, WZ10, WL11, XZNL15, ZY10, ZWZ11, ZK15a, ZLD11, ZZC13, AMP17, AHKO16, AO17a, AEHQ17, ARB19, Are16, BP16, BNZ17, BEY18, BD19, BAR16, BCH15, BCK17, CMN+18, ÇG18, CS17, CZ15b, CCM19, CCMA18, DPP17, DYL17, Ery16b, Gor17]. **order** [GR18a, Had17, HZS17, HD17, HJW19, HLP17, Hu16, HYS17, HWLP18, HM15, KT17a, KM18, KD16a, Kay16, KM19b, KI19, KLKK17, KN16a, KDN17, LR14, LMH17, MH16a, Moh19a, NE17, NA17, PR17, Pro18,

RASR17, RAZ19, RJN16, SN17, Sch16, SK16b, SBA17, SYW16, SY16, SY17c, SG17g, TN16, VT17, VZ19, WDLZ16, Wan18, WN16b, YJ19, Yan15, YW17a, hYhW14, ZBA17, ZYLZ17, ZQZY18, ZRL19b, ZS17a, ZWZ17, ZZ18e, ZL18]. **Ordered** [AT11, BC13, CDZ14, GCR12, EDKAEN17, EW17, Gau17, Ima17, JT19, NCA16, Rez17, Roy16, Sin16]. **Ordering** [BHB15, BNB19, BPSV14, CC10b, DC10a, FL18a, GW15a, JA10, JAA11, MT12, Por15, XZNL15, YL18d, Zha11, ZL14a, AAE+19, AJ19, CNL19, IKL16, LL17a]. **Ordering-Based** [DC10a]. **Orderings** [BNB17, HN16, NHAMG17]. **Orders** [BC12c, BBHN18, SYC19]. **Ordinal** [BBG14, BC14, CCSCME13, DBC14, DZ14, FGTS12, GD11, Ian12, Ian14, Kat11b, SG14, AP19, CO16a, CM17, DM18, KOFA18, Kvå17, LLZ17, RSG17, WNL18]. **Ordinary** [WH15a, ZHL15, OOT19, XKW19]. **Oriented** [MV13, Par13a]. **Origin** [AG11, Kum15, SN18]. **original** [OQ17, dPD16]. **Origins** [MA11]. **Ornstein** [Tra17, WTZ15, YSC17b, ZW19a, ZZ19d]. **orthant** [DWM+17, FPPRG16, LWWH16, LSYL17, QC16, SZV16]. **orthant-dependent** [DWM+17, LWWH16, SZV16]. **Orthogonal** [AV15b, FPZ16, FH12, GFR12, HZ18b, LZH15, RN13, SLL17, WLL13, Wan17d, WZL10, WN17b, ZQZY18, BM17, D'A17a, DAC17, DS17a, FFN+19, Fon17, LA17, PYL17, SAD19, ST16e, WZ16, YZFM17, fZWD19]. **Orthogonal-array** [ZQZY18]. **Orthogonality** [HR17, Por11, Man17b]. **Orthogonally** [Pre11]. **Osahan** [ST16g]. **Other** [SS14a, Sou17]. **Out-of-Sample** [HL13b]. **Outcome** [MMP14, MH15, YW15, EKZ16, KM16b, dPD16]. **Outcomes** [CGL13, EMI14, dCA19, BS19, CM17, DLB17, HMT+17, KOFA18, LH17a, LCZA17a, LCZA17b, LCA17, PCS18, RS19, SB17]. **outgoing** [FY17a]. **Outlier** [LSC12, PK18, WL17c, SL18, Wan18]. **Outliers** [BIP+10, BO14, GB12, Ko11, KL12, KB17, LF17, NNN10, SM14, WL10, BRZR16, JDSS16, NN16b, WCF18]. **outward** [Çel17]. **over-identified** [CLZ16]. **over-parameterized** [GST17]. **Over-Rejection** [LS11]. **Overall** [HM12, LS17b, LL19c]. **Overdispersed** [EMI14, YHA10a, NC19a]. **Overdispersion** [Ian14, YHA10b]. **Overlapping** [Kyr17, UC14, ZZZ19, Kon16, MP15, ZCC16]. **Overshoot** [Wan13a, CWW16]. **overview** [ADKZ16, CMS17].

**P** [MBS17]. **PA** [Yan12]. **Padmanabhan** [Mar12]. **pair** [GG16b, LGLX18, MZ18, ZY17b]. **pair-copula** [LGLX18]. **Paired** [HBMAO16b, Kur10, Lu10, Lu11, Wan10b, ZB12a, AAL17, BG19a, HOK17, LWZ17]. **paired-samples** [HOK17]. **Pairs** [AAG12a, Mod17]. **Pairwise** [GJ15, LLZ17, Sun13, KH19, SM18, TWZ16, WCW17, WG16b, WP19, YZG17]. **Palindromes** [SU13, SU17a]. **Pandora** [GPÖ14]. **Panel** [BG11c, Den13, KR14, Wu11, Wu13, ZVS14, FP17b, HH19, Liu17a, Mao18, Phi18, Wu19, XT17, Zha17e, ZL16c]. **panels** [Hay17]. **Parabolic** [BCG11, LS15b]. **paradox** [Dru17, VW17]. **Paradoxes** [BG11b]. **Parallel** [Dji10, GSLZ16, LYH11, LWZ13, NRB14, QZZN10, Raq10, YLL19, BNB17,

BNB19, CNL19, CZZZ18, FLB16, FY17b, Gey18, GRSN18, HNB19, HN17a, LL19a, Liu17b, NI16, PK17, SB16b, Wan18, YYLM18]. **Parallel-Line** [Dji10]. **Parameter** [AMV15, BNS11, CC12, Che10a, CCZR17, CCM19, CA12, CBM14, CT14, DGV11, DA17b, DLZ17, FF13, GFG13, GD12, GY13, HF14, HL15, Kak12, KAPA19, KPS10, Kha12, KG14b, Mah12b, Mat14, MRS12, NBK14, NH15b, PMA11, PMW17, Pao10, PR11, PC10a, PBY$^+$14, Pet10, Pop12, PT15, QZY12, RMC11, ST10, Saj11, SSS14a, SX18, SK15a, SV11, TN10, TOT15, TN15, WCL10, WXPS12, WCGZ12, WXZ13, WSC13, WWT15, XKW19, YC10, YC11a, YSC17b, AE17c, AA17a, ACO$^+$18, AO17a, AR17b, AN17a, ANA17, AB19, AEA17, BHLK15, BBA16, Bay16, BH17a, Bob19, CX17, CW18, Cha18, CW19a, CC16c, CH18, CM16c, CW19c, EM16, GMMA19, GP16b, Gun17, Han17, Han19, HWY17, JC18, KY17a, KNHM17, KX18, KVR17, LQ17a, LY16b, LTC17, MAG18, NB16, NP17b]. **parameter** [OPK18, PNPB19, RC16, RAA17, RAM16, Sha19, Sha18b, SP17a, SS18, Sti17, SJJ19, TGXX12, TKP17, TPJ18, WZ16, Wan19b, WG16a, YH16, You17, YW17b, Zha17d, ZB17, ZP17, vZvdM19]. **parameterized** [GST17]. **Parameters** [AARN10, AVCL13, Che10a, CLV14, DN14, Dos11, Duf10, DDM10, DD13, DP13b, ES14, EM13, FLK12, Fly10, GMRN13, Gil12, Gri15, HASA10, LMG13, LG10, Li11, LL12, LN13a, LG14, MS11a, Mar11, MMV12, Nos14, PM12, PGF09, PS11, SP13, SKG12, SST14, SS15b, WL10, WS13, WSK14, WTZ15, YOD10, YLX10, ZSK12, Zil11, Ahm16, BKL19, CR16, CS16c, CHM16, CZ19c, CCY17, DWW18, DBA18, Dvo17, GFG16, GKP16, GYL17, HCZT19, HS18b, IF18, JYX16, JY16, KKS18, KG18a, KA18, LKK17, LYR$^+$18, LY17, MMD18, MSL17, Oga16, OAOQ16, SK18a, SV17, SM16, Van16, WCK16, YWLW18, YKL$^+$17, ZY17a, ZRL19a]. **Parametric** [ABI12, BLN13, BPS16b, Eid14, El 15, Han15, HS15d, KR14, KJD$^+$15, KLK14, NK15, PDS09, RAK15, SAJ13, SD12, THHL15, Xu17b, XT17, ZAV14, ZL12, BQC17, BAR16, BH17b, BS17, BG16a, Car19, CO16a, CQ17, CM16d, CMS17, CCMA18, DAS16b, DY16, FJS$^+$18, Fro17b, GT17, HK19a, HL18a, HK19b, HMT$^+$17, Hen17, Hu14b, Hua17a, Hua17b, HJY18, JZ17a, JSZL17, KY17b, KL17b, KG18a, KN17b, LA17, Lu18, MHF16, OE16, OTA17, PS17b, SB16a, SNAN17, Say17, SR17, She18b, Son16, SSR19, Tu17, WG15, WP16, WZX17, XHL18a, Xin15, XTT17, XMP17, Yan18, YLG16b, YYY17, YWL17, ZZ18b, ZZ18a, ZDW17, ZFZ17]. **Parametrization** [KSK15, Oga19]. **Pararai** [AE23d]. **parent** [VT17]. **Pareto** [Ano23, AM17a, AFL15, AFL13, AG16, AD19, BKL19, Bur09, CCZR17, CM16c, EB12, EDKAEN17, FGP16, FWLL19, GN15, GHBM18, GFG16, Gun17, HLR11, JO10, LWL13, LK19b, LH13, MEG15, MWM13, NA17, NN16b, PBL19, PT10, PGF09, SBA17, SLSE19, TPJ18, VS19, WC16, YYWH19, Yeh15, ZCCW18]. **Pareto-optimal** [FWLL19]. **Pareto-type** [YYWH19]. **parity** [PLC17]. **Parshvanath** [Kha19b]. **Part** [FH12, AS17, DS17c, DS17d]. **Partial** [AE13, BKP11, CMCCO10, CL15c, FLX11, FLW12, LW14, MA11, MZ15, ST16d, TB13, WWL13, WWT15, ZF17, Zha17c, ZLF14, CLZ16, HXF18, JD16, KN17b, LPH16, MX19, RG16, RA16, SA17c, Wan16d, Wu17c, Wu17a, Zha16a].

**Partially** [BCH12, DLP15, FH13a, FHZ12, FDHH14, Hua11, JMEM14, JS13, LLC10, LX15, Liu11b, LWHW11, LWH12, MZ11, MMT17, Par15b, QL11b, SS10a, UC15, WCL10, WSW11, WSK14, Wei12, WJH15, XTG15, YX15, YHC14, ZX10, ZHL15, AR17b, BER16a, BCL16, FJW17, HH16, HHS18, HZL16, HHC16, HZ19, JQZ18, JHM19, Kha19b, KDGV16, LLHZ16, LZZL17, LH17a, Li19, LXT17, LSCW17, Liu17a, LTGK17b, LLWK18, RTT17, TT17, WL17d, WA17, Wu18a, Wu18b, XQS19, XTS16, XLS19, XFWC19, YSC17a, YCZ17, YL18b, ZCHR19, Zha17e, ZDS16]. **Participant** [CKD14]. **participation** [LS16b]. **Particle** [CYE15, GV11, IES+17, KDG+18]. **Particles** [Man11b, Zie13]. **particular** [CM16b]. **Partition** [Ko15a, FGGL18]. **Partitioned** [Por11, Nag17, Ren16]. **Partitioning** [Mat11]. **Partitions** [APM10]. **Partly** [YC12]. **Parts** [Hua12, RVP15]. **Pascal** [CLGFB15, IS16]. **passage** [HZ17a]. **Past** [KRB12, Raq10, RSA13, AER16, Ham19, KHY18, KN16b, KK17b, KK18, Min17, NI16, Rez16, Tri17]. **Patched** [CSS16]. **Patent** [Tsi10]. **Patent-R&D** [Tsi10]. **Path** [Edi10b, Kia17]. **Paths** [Lin14b, Maz19]. **Pathway** [GMB+13, Tho14]. **Patient** [GMB+13]. **pattern** [GQC18, SP16c, SP16d, TN19, WQ18]. **Patterns** [SK10a, SSP+12, SK12b, SK14, SMPH15, SMMS15, PM16b, SKT16, SSS17b, SP17c]. **Pavement** [KLK14]. **payments** [TMZ+17]. **PBIB** [Gar10, SG18b]. **PC** [Wei14]. **PDF** [SKK16, MHF16]. **Peak** [DG11]. **peakedness** [EW17, Sta17]. **peakedness-ordered** [EW17]. **Peaks** [BGT10]. **Peaks-Over-Threshold** [BGT10]. **Pearson** [Afe13, Kim12, Lan14, Tor12, Voi10, WH16c]. **peculiar** [Mud16]. **Peña** [Hu11b, LH11b]. **penalization** [HZ18a]. **Penalized** [Ale16, GL10b, HA14, HSHW14, HNB17, LY17, Mao15, SLZ11, SLF18, Smi13, WSC13, WSlT15, YGL16, ZYX12, LH17c, XMP17, XM17b, YS19, ZX18]. **penalties** [Has19, TMZ+17]. **Penalty** [HL11, Has19, Jun17, XZ17, ZWY16]. **Penrose** [YHS13]. **pension** [SLZ18]. **Percentage** [MF10]. **Percentile** [CW14, HNV13, NRB14, ZJZ17]. **Percentile-** [HNV13]. **percentiles** [Hua17a]. **Perfect** [VB13, ZAV14]. **perform** [PG16]. **Performance** [Alg19, CW18, CS12, HWZ19, HL13b, KAT18, KM16a, Kha16, KS14b, LY11a, MKS15, MSK18, NKG16, NO12, NSR+19, ÖK15, RWY16, RM15, Sab19, SLOT17, SWW+12, TEF12, Wu18b, Xu13, YL17, Zha16a, ZSD+15, DK17a, GW19, HW18b, KWM17, LC19, NO18, Nen18, ÖK17, RC16, Rav19, Wu16b, Xu17a, XN19, XO19, Yil18, ZXM16]. **Performance-Related** [SWW+12]. **Performances** [XY13]. **Period** [HNV13, ASR+19, LS17a]. **Periodic** [BM11, BB17a, BL13, DL11, Ham12, LS09, SCC10, ZZ15, AH18b, Ben19, BG19c, GK19b, MSL17, Pan19]. **Periodically** [MS14c, HZS17, MHA19, SA19a]. **periodicities** [Yan17a]. **Periodicity** [Alm11, SA19a, MDC16]. **Periodogram** [GS13, HNV13, RMC11]. **periodograms** [SA19a]. **periods** [CK17a, FK19, RRRA18]. **Permutation** [BF12, BPSS12, BPSV14, Bon14, CDZ14, CD12, GFR12, GCR12, Gia14, Pes15, Rat13, Sal15, SGR+12, SB12, UU17]. **Persistence** [SE13, QL18]. **persons** [TE18b]. **Perspective** [FG11, Ham13, AS17, EIM18, ST16a, Spa19].

**Perturbation** [Sun17b, HJC17, LH17c]. **perturbations** [KU17]. **Perturbed** [HJ14, ZYN11, BPS16b, LSY17, ZWY16]. **Pesarin** [Mon12]. **petition** [EW16]. **Phase** [DM11, FK19, GBC12, KOFA18, Ko15b, MGF14, NNI15, Nos14, RPY+13, SK13a, SKK10, SHLK10, AO17b, BS16b, GMRN13, GMR16, JKJ16, KZ19, LJC18, LCWG16, RSC16, SG17b, SG17c, SGA19, SKS17, SK18b, WCK16, aYwSlDmS17, ZMCM16, MATC18, Sag15]. **Phase-I** [Sag15]. **Phase-type** [MGF14, LCWG16, ZMCM16]. **phased** [DLC16, YGWQ17, WYL12]. **phased-mission** [YGWQ17, WYL12]. **phases** [SNAN17, CS12]. **Phi** [MP14]. **Phi-Divergence** [MP14]. **Pickands** [AT11]. **Piece** [ASAN12, MM17, DS17b]. **Piecewise** [WWT15, AG18, LWD+18, PL17]. **piecewise-deterministic** [AG18]. **Pilot** [CT13, KMC10]. **pipeline** [JKL19]. **Pitman** [AB14, AMP17, BDKM12, EWRZ14, RL09, Sab19, ÜY13, YLX10]. **pivot** [FFN+19]. **pivotals** [Raj18]. **placebo** [Liu17b]. **plan** [AAJ16, ASeMJ17, AAJ17, BAL18b, Bal18a, BAA+18, BAW19, HBAJ17, KAJH18, NS17, NN18, NS18, Sen16a, SLZ18, UB17, WT18, WAJ17, YF17]. **plane** [Ham19]. **Planning** [Gue14, Liu17c, KDGV16, RFM18]. **Plans** [AYC+12, CEK11, CB11, EF11, JFS14, LC15, EQ17, FY17a, JJ16, JKD17, KS19, Sen17b, Wan17d, YF17, YWZ18, YCAJ18]. **plant** [AIIK17, BTC16]. **Plants** [GG13]. **Plausible** [Eid14, LW17a]. **Plot** [KMM12, FPM19, FWZ+17b, LWWW16, WYZ15]. **Plots** [KCK10, Oli13, HT16b, NN16a]. **plotting** [HT16b]. **PLS** [MA11, LvR12]. **Plug** [CT13, WX15]. **Plug-in** [CT13, WX15]. **PMSE** [XO19]. **Point** [AVCL13, Deb12, DMT+15, HKLW12, MF10, ML13, MRA16, Nos14, PJ10, PZ15, QTD10, RL11a, RCdC14, SY10, Sur12, WJY15, Wee12, CKT18, Ciu17, FPM19, Far17b, He17, Ho16, Huh16, JSC17, LPDD19, MATC18, SSY18, TZW16, WSW16, ZFZ17]. **Points** [AW10, Koi10, KQ11, MFSAS10, MK13, MF10, MS12b, SASMF13, WZY14, WG15, Xu13, YS15a, ZLL11, CN17a, GDDC19, Xu17a, ZBTL17, ZT18]. **Pointwise** [DS17e, CN17b]. **Poisson** [AE23b, AE23d, AB17, AP17, AA17b, AESO19, AAO17, BD16a, BKN16, BKM18, BN18b, BKGD17, CYF+18, Cha10, CO16b, CRG13, CS19a, CHM16, CG11a, CC16c, CLW17, CKT18, Chr10, COL15, Cox15, DHP+16, DKY16a, DKY16b, DS16a, Fam15, FK19, Far17a, Far17b, FI17, FC18a, Faz11, FWH+15, FYLC16, zF16, FGL18, GH19, God16, GDSC15a, GDCO16, Gri15, HL13a, Hay16, HHW14, INOC17, JM16, JKS18, KYS13, Kap18, KDG+18, Kou16, KXX11, KPZ16, KN16a, KS18b, KV17, Lan14, LH14a, LH11a, LPC17, LHS19, LS14, MZ10b, MATC18, MGF14, Mon14, NA12, Oga16, PWLO17, POS+19, RvdM14, RBB13, SGD11, SH17a, SG16c, SSD18, ST17b, SSSK18, SSS19b, SJ10, SK15b, SI13, TS17b, Tee12, Tee14, Tra17, Tsi10, UZ19, VPCG16, WP18, WZT15, YHA10b, ZI12, ZI14]. **Poisson** [ZY14, ZL16a, ZZLL15, ZWP17, ZSJ16, ZYN11]. **Poisson-conjugate** [GDCO16]. **Poisson-multinomial** [FGL18]. **Poisson-Negative** [Tee12, JM16]. **Poisson-type** [CO16b]. **policies** [Cha16, Che19a, ZMN17].

**Policy** [AEH11, CSC13, Che14, HW14, JHP10, KY10a, NN13, QZZN10, SCC11, ANJ17, JX19, KC19a, KC19b, KY16, Kyr16, NS18, QCK19, SFSH16, YL17, Ye19, YLS17, ZW17c, ZW19b, ZDDH17]. **Polled** [GL15b]. **Pollution** [LVBS10]. **Poly** [WWH15a]. **Poly-Variograms** [WWH15a]. **Pólya** [FCJ+17, CW14, CZ19b, FLK12, GL10a, LVVN11, Min10, Min11, MB14, SAB15]. **Polygon** [sDsWcCjK14]. **Polygonal** [MGP11, TIA11, NM18]. **polygons** [KAW+18, WdX17]. **Polyhazard** [TH15]. **Polynomial** [AOÖ17, BB12, KDK14, KP12b, LLQ13, MFS12, WWT15, Cos18, HT16a, KD16b, Lin16, NIN17, WT18, ZDZ17, ZLZ19]. **polynomial-logistic** [KD16b]. **Polynomials** [WZL10, Zoi09, D'A17a, DAC17, FPZ16, SLL17, WN17b]. **Polytomous** [BBG14, MP14, Gol16]. **Pool** [BAK13, GAK14, Ken11]. **Pool-Testing** [Ken11]. **Pooled** [TD14]. **popular** [SHANA18]. **Population** [AB14, AMV15, AC15, AM15, Bak11, CKLS11, CP14, DP10b, DG12b, Din15, DSSL15, GÖ12, GBC12, GS15c, Hug09, Jaf15, KG14a, KK14, KK11b, LWWH14, ÖÇO14, SAS11, SG10a, SG10b, SK13a, SRT14, SS15a, SKK10, SK12b, SS13b, SS13d, SS13e, SK14, SST14, SMMS15, SS14a, SS14b, SS15b, SS14c, SG11, TC14, TSS15, TTC17, YUSC14a, YUSC14b, YCL14, AHH16, ASG17, AN17a, AH17b, BS16a, BS16b, BP18c, BRAS17, BCP17, CSB19, EEE16, FGP16, HKH17, HLY16, JN18, KGH19, KJ17, Koy18, KZ19, LJW18, LTV17, MSB19a, MAG18, RM16, MA18, MF16, MT16, Moh19b, MKK17, MSK17, NLRD17, Pat16, PM16b, PT19, QKCH19, RSC16, Sen16b, Sen16a, Sen17a, Sen17b, Sen18b, SG17a, SG17b, SKT16, SSS16, SS16c, SKM16b, SHM16, SP16d, SG17e, SPS17, SKS17, SK18b, SSS18]. **population** [SMP18, SPY18, SG19, SS16g, TMZZ19, WXZ16, YSG17]. **Populations** [CF12, CF14, CHP14, CDZ14, Fle13, HX14, KT11, PGF11, RB10, Ryc14a, Sub14, TD14, ZL14a, AA17a, AB19, AAK17, CQ17, Gor17, Gun17, HD17, JT19, NKG16, NP17b, SS18, SG16e, TKJ17, WHZ17]. **Portfolio** [BCCH14, HF19, SLZ18]. **portfolios** [BNB18]. **Portmanteau** [BBC18, DY16]. **Portugal** [PMC13]. **posed** [AD17a, AD17b, MDR17]. **Position** [BSB12]. **positional** [Man17a]. **positions** [HT16b]. **Positive** [AD10, DMP11, De 11, LY16c, Mel13, MF10, XY12, XY13, ZC11, Bar19, DLZ17, Gor17, HB17a, LL19b, ZBA17]. **Positive-Rule** [XY12, XY13, LY16c]. **Positively** [LWY10, dXcY12, XY14, GP16a]. **Possibilistic** [WLY14a]. **possible** [LTZ19]. **Possibly** [PZ15, ZLF14, CDS19, FLY16, Miy17, ZL16g]. **Post** [MS15, SV10, TTC17, Woj11, WS12b, Nag17, Vis18, XHY16]. **post-change** [XHY16]. **Post-Model-Selection** [Woj11]. **Post-Mortem** [WS12b]. **Post-Stratification** [SV10, TTC17, Vis18]. **Post-Stratified** [MS15, Nag17]. **Posterior** [BP17, BC14, BC15, Gue13, HXL13, Miy10, Sag15, TL15a, Wan13b, WH13, Xin10, YC11b, ZLDT14, Abu18, CFA17, Das16a, JN18, MSEN18, Slj17, Su17b, Tsi18, ZY16]. **posteriors** [KC16]. **poststratification** [DAS16b]. **Poststratified** [Par15b]. **Potency** [Dji10, Che16a]. **Potential** [Chi11, Ko12, Wu13, Ko16a]. **Poverty** [CD15, Meh17, SNWL17]. **Power**

[DLL13, DCG13, FZZ16, Faz11, Fu12c, GK19b, HD15, JK19, Kak10, LCG12, Lu13b, MN10, MRS12, Mur13, Pak14, PS11, Ree12, Sal15, Sto11, WS12a, WXZ13, XLL15a, Xu10, YK11, ZK15b, Ahm16, AE23d, BD16b, BMFS18, CRTdC17, ÇG18, CH17, CTAL17, Gen19, GG16b, HA16b, Hut19, IR19, JT16, Jon18, KM16a, KRMG19, LSW17, MFBG13, MFPG16, Mur16a, NORV19, NAMAK17, PWLO17, PLC17, RSG17, RS19, RN17, ZJLO17]. **power-binomial** [Gen19]. **Power-Law** [Ree12, WXZ13]. **power-Lindley** [IR19]. **power-normal** [BMFS18]. **Power-Transformed** [XLL15a, FZZ16, Lu13b]. **powered** [CFK17, LP18]. **Powerful** [CB12, Voi10, BMRSE17, PLC17]. **Powers** [Kak12]. **pp** [Mül12]. **PPS** [SMP18]. **Practical** [DG12a, ZK13b]. **practically** [Yam17b]. **Practice** [GdSC15b, AE23c, DMM16, OSX+16]. **Pre** [NO12, YK11]. **Pre-Test** [NO12, YK11]. **precautionary** [GKP16]. **precipitation** [AEB17]. **Precise** [CS19c, FL18b, GWZ17, HSLQ17, HL15, KL11, LYG17, Lou19, LSX14, LSW16, LQ17b, LSL18, ST16c, SHLQ17, WW13c, XY10, YS16, WGW19, YC18]. **Precision** [Ng12, Sim14b, SSH10, CS16c, DZH+19, WW17b, XM17b]. **predator** [KD16c]. **predictability** [CW19b]. **Predicted** [JTR15]. **Predicting** [SF16, HL18b, WER+19]. **Prediction** [AB09, Ala14, AF10, BS12c, BA10, Bas14, Bin14, CB17, EDAAS12, Fau12, GB12, GBC12, Ham19, HL13b, LWR11, Men10b, MM11a, RA11, RGM15, SDJ15, SK10b, UC15, VB12, Zad15, AB17, BQC17, BAR16, BN18b, EDKAEN17, GAS17, HLY16, JN18, KTR18, MLD17, MAA17, OPK17, OPK18, Sha17, SBA17, STRD17, XZ16, YC18, ZLD16, ZH16]. **Predictions** [YYX14, GKP16]. **Predictive** [BS16b, BSSJ11, BC15, CMCSC12, CCSCME13, FU10, HXL13, KPS10, Kha12, Kha13, Mar15, Men10a, Men13a, ÖK15, Tra11, Tri17, AD19, CM17, CCMA18, DK17a, Ras17, Wu16b]. **Predictor** [AKL15, GR15, PC12, ZS12, BH17a, BCB19]. **Predictors** [BDKM12, Bea15, Bur09, HX11, LH11b, QZY11, SW14a, GST17, SJJ19, ZL16d]. **predictors/estimators** [SJJ19]. **Preface** [CNT14, CY12, DS10, Edi10a, EPRS14, EE15a, FvR12, Kol13, MSS11, RdC13, SS11a, SM13, Vas14c, VM14]. **Preference** [AA13, MSEN18]. **Preferences** [Far12, Fon14, GGFL11]. **Preliminary** [BAT15, CY14, CW19a, CBM14, LYX11, SS15a, YL15, AMP17, AW16, Cha18, KAT18, RPH17, XO19]. **Premier** [GDDC19]. **Premium** [WWW13, AHP19, FWLL19, GH19, NAN17b, YWX17]. **premiums** [WYMZ17]. **Prescott** [Nas18, Yam17b, Yam18a]. **Presence** [AB13, Bis12, BDM13, CZ15c, Chi12a, DG12b, FHS15, GB12, GSSCR12, HLL15, IT12, Kak12, KK11b, Mån12, MSS14b, QL11a, Sal15, SK13a, SSS14b, SN14, SS14c, SM14, TSS15, ZWZZ15, Zho10, ASG17, BR19, BIJ17, BMRSE17, BMQ16, BP18c, CSL17, CSB19, CM16c, DP18, Fan18, GFL19, GK19a, HJC17, KGH19, KJ17, KZ19, LP19, LWZD17, MSB19a, Man17a, NNZA16, NNZA18, NN18, NS18, NN16b, RWY16, Sen18a, SG17e, SSB17c, SSS17a]. **present** [ZL17]. **Preservation** [IRAB13, IAB16, WZ10, ZM13]. **Preserved** [Hou12]. **Preserving** [LCG12]. **Prevalence** [BAK13, Ken11]. **Preventive**

[AEH11, CC10b, Che14, CC10d, SCC10, SCC12, Cha16, PM18]. **Price** [Bia12, Bia15, CCL14, LIPMF13, Bia17]. **Prices** [LIPMF13, BBS16]. **Pricing** [CR14, Hua14b, LSW17, QJWC18, QWWW19, ST13, WW10, WZJH19, YSK15, CMN+18, FNM19, FSSW17, GDW18, HZ17b, HHC+17, KYW16, LLLL18, LMC18, MDG19, XDW19, ZG17a, ZZ19c]. **Principal** [ASAK10, BYDM15, EZ14, KQ11, MK13, NKS15, OFS13, WY13, YS15a, Li18, PG16, Wu17b, YH16]. **Principle** [Mia11, WWW13, LS17e, MGLX14, PM16a, YWX17]. **Principles** [Fu12b, GM14, FWLL19, MGN16, WGW19]. **Prior** [DMST12, KG14a, MMV12, SS15a, SK10b, Xin15, YD14, AB17, CTAL17, JSC17, PK17, SUS19, YM17, YJ17, ZJLO17, ZRL19a]. **priority** [VM17, ZW17b]. **Priors** [AT15, GVGP11, Gri15, RS10, WS13, ZK13b, DE17b, TL16]. **Pro** [CC10d]. **Probabilistic** [DTO13, El 15, VBATK11, ZLDT14, GDDC19, KH19, WLZ17]. **Probabilities** [AJ11, AASR12, Far12, GÖ12, Gue13, GW15b, Kon11, ZYN11, Bic19, EKZ16, FL19, Geo17, Hay16, Hon17, Kyr16, LS16a, LWG18b, Rav19, RK16, Sel17a, Sun19, XHY16, XX18]. **Probability** [AA14, BS12a, BB14a, Can15, DTE13, FM11, FF13, GK11, Han11, HJ14, Kát11a, Lec11, LCG12, LBL+10, LDY15, Mat11, PHW11, RMN16, SW14a, SO14a, TE11, Tan13, TP14, VYZ14, WXPL13, WLY14b, XLL13, Yan14, AA17b, ABTR19, BR17, BSW15, BR19, Bow17, CM16a, CC16a, CFA17, Cle18, Fro17b, GWL16, JR18b, LA17, LP19, LY16a, Li17b, LG16b, LGG16, LWG18a, Lu16a, RZHC16, SSSK18, SSS19b, TL16, VN18, YGL16, YWH17, ZK16]. **Probability-weighted** [RMN16]. **Probit** [BBB10, CT10, Fed13, Fed14, VMVD14, AXLJ17, Ker17, Roy16, YJSL19]. **Probit-Beta-Normal** [VMVD14]. **Problem** [BC15, BEZ11, GGS13, GVGP11, Gue14, KM14b, LH14a, MN13b, MM11a, SL14, TPTT14, VBATK11, WBH10, XT11, AD17a, AD17b, CO16a, CLZ16, CMS17, GG16a, GR18a, HA16a, JSC17, MWY18, Mar16, MS17b, PCL16, PTV18, RZHC16, SR17, Udo18, WRZ19, WZZ17]. **Problems** [CB10, DB13, DB15, DI10, KHM12, Kor11, MH11, Mon12, SP11b, Sto12, UC14, VSS12, YC11b, Far17b, FEP18, Kar17, KX18, LMZ17, MDR17, NAAC16, PB18, hXZ17, Yam18a]. **Procedure** [BK09, CW14, CD12, HD13b, IUT12, KXX11, MJ15, Sha10a, Sha10b, SJS15, TSS15, Tak10a, TS12, WH14, WX15, ZK13b, Che16b, EM18, FGGL18, LMZ17, MDR17, Pat16, RMN16, SS16c, SS18, WX17, WHZ17, Wu19]. **Procedures** [CHLP09, HH15, Koi10, LWWH14, Xin15, CK17c, JZZZ18, Kar17, Kou16, SH17a, SM18, SP16b, SSKP18]. **Process** [ARD14, AGR15, AAM14, AA15b, Ano13b, AYC+12, BD11b, BQDH12, CCL14, CC15a, CC15b, DMS14, DMST12, Dos11, Fat13, GS11, GL15a, Gra11, GW15b, Hu14a, Hua15, HL15, JP13, Kac14, Kem11, KTW10, LS14, LPLW13, LH11c, MCY10, Min11, MS11b, MO14b, MS10d, MS10e, Neg09, NNA12, PS14, PHW11, Pul13, QL15, Rah12, RL11a, RNB12, RCdC14, SY10,

SM09, She14a, SHH13, SW14b, Sim14a, THHL15, TKW12, TS17e, UU11, VYZ14, WXZ13, Web12, XLL13, Yen12, ZARH14, ZY10, ZWZ12, ZYN11, Zil11, AO18a, AR17a, AMV18, AESO19, AK19, AH18a, AAK16, Ali17, AABL17, BU17, BAL18b, Bal18a, BER16a, BBS16, BPS16b, BCK17, BAW19, COK17, CB17, CC16b, CL17b, CKT18, CDS19, CJ17, CY16, CWW16, DP18, DTWW17, DW19, El 19, Far17b, FN18, FCJ+17, Fro17b]. **process** [GFS16, HL18a, Haq18, HUK19, HK19b, HJ14, Ho16, HBAJ17, JJ19, JBA18, KAS17, KAPA19, Ko16b, KT18, KD16c, KV17, LZY+17, LW17b, LCG18, LS17b, Lu18, Mud16, NRP16, Nen18, NS17, OAOQ16, PLDS17, Pro18, QJWC18, Rah16, RBN19, SA16, Tra17, UK16, UB17, WCK16, YLW17, aYwSlDmS17, Yan17b, YCAJ18, YKL+17, ZHW17, ZW17a, ZW17b, ZW18, ZW19b, ZL16g, ZG19b, vZvdM19]. **process-waiting** [KV17]. **Processes** [Aga11, AD10, AR14, BP15a, Ban13, BB12, BEZ11, BZ13, CC10a, CCZ15, CTQ11, CC11, Chr10, CLX14, DDGM13, Deb12, DO13, ES11b, FR10, Faz11, Fu11a, GZSS14, GGLV14, Gra10, Gri15, GL11, JRM10a, JWZ14, JT11, KP13, KB14, KOP13, KOP14, Li11, MR15, Mas15, MN13a, Mia11, MC11, MXD13, MZ15, MS10c, MS14c, MM11a, MSP12, NH15b, OP11, PS13, Par13a, PMC10, RZ13, RBB13, SA12, SA15a, SP11a, Sun11, SI13, TW13, TB15, TT11, cTtL14, Tun15, WTZ15, WST10, WH10, Yeh13, pZ13, ZWZ11, ZY13, dSE11, AP17, AG18, BD16a, BT18b, BK19, BD17a, BD17b, BG16b, CB17, CZ19b, CLW17, CS19c, CW19c, DKY16a, DKY16b, DYW18, DLZ17, Far17a, FPR17, Gra17, GPP19, Hac18, HZS17, KLMD16, Kap18, KD16a, KUWG19, Lii17, LPHC18, LZF17]. **processes** [Mal17, Man18, MG19, MSEN18, PSF16, PM18, PL17, RWY16, RC16, RPM18, SNWL17, SA19a, TN17, TMZZ19, WSW16, Wan19b, XX18, YSC17b, ZW19a, Zha16a, ZZ19d, ZSJ16]. **Processing** [Afs13]. **producing** [Has19]. **Product** [BZAZ15, BNE15, CA14, DMP11, Duf10, FR10, SS13c, Smi19, SYP13, TC14, TTC17, Wan13d, YUSC13, YUSC14b, AE17a, AE17b, AEHQ17, CXC19, CFK17, GSM16, GG16b, KPZ16, KZ19, LPDD18, LTS16, Mat18, RM16, MX19, NA17, SSS16, WAJ17]. **Product-Limit** [FR10]. **Product-Type** [TTC17]. **Production** [BQDH12, Fal14, Cox19, Kyr16]. **production-inventory** [Kyr16]. **Products** [Fu12b, KRT13, Li13b, SCSMN11, ZY13, DYW18, Wu17c, Zha16b]. **Professional** [AK10]. **Professor** [AK10, Edi10b]. **Profile** [Li17d, SN14, Sug13, WSK14, ZHL15, CH17, IKH19, PS18]. **Profiles** [ASMZ14, ES14, HX14, NKS15, NNI15, SN14, MATC18, SNAN17, SA17a, WT18]. **Profit** [AEH11]. **Profitability** [SYP13]. **Prognostication** [GMB+13]. **programing** [BCB19]. **Programming** [Fal14, MGP11, NN11b, Smi13, UC14, Fon17, KAR16, MPG16, MGP17, Xia17a]. **Progress** [NM17]. **Progressive** [BHLK15, Bas14, CB11, CT14, JMEM14, JY14, MA14, PGF09, PGF11, RB10, Wan12, ZARH14, ZS15, AN17d, AAK17, CSL17, LSCW17, MK19, SK18a, STRD17, XZ16]. **Progressively** [BS12b, Cra14, RAB15, Rez17, SK15a, TTZ14a, BSL+19, FGP16, GP16b, LS17c, WL17a, WSS17]. **PROMETHEE** [AM16]. **promising** [LL17f]. **promotion** [KDGV16].

**Prone** [ZZ11, LXT17, WJH15]. **Proof** [Kát11a, Nav16]. **Propagating** [New11b, Bic17]. **propagation** [RBK+19]. **propensity** [GGtH+19, LCW+18]. **Properties** [AA10, ACO+18, AFL19, AASR12, AE23d, BS15, BL13, Cha10, CC12, Cha15, CB14, CCZ15, CG11a, CM12, CARO17, CAPO17, DC13, El 15, Ery12, Fat13, Fu11a, GLZW12, GAK14, GS13, GCSB10, Gup15, Hod14, HGZG15, Hud14, Hun14, Imo16, IUT12, IS11, IRB13, Jon18, KM10, KKH17, Kim11, KRT11, KA15, KD17b, KN10, LK19b, LG10, LVBS10, MV14, MB15, MK13, MCX10, MML17, Mit13, MP10b, NCO15, NSV12, NAMAK17, NA19, PWLO17, PSP12, RLSL19, RCC12, RMNA17, RSAN17, SP11a, SU13, TCM+16, TB12, TK14, Vas13, Vel14, VFP17b, WLF11, XWJ10, Yil12, ZLN11, ZL14a, AS19, BR19, BBS16, CNL19, CC16b, CBOR18, DDD17, FLY16, GMS18, JB18, JYX16, JXW17, JK19, KLMD16, KHY18, KSBN17, KH18, LL17a, LLD17, Lin19, LMH17, NSR17, Rao18, SG18a]. **properties** [SGGdML17, SG16d, SC19, SWZ16, TC17, TS17e, Too17, VFP17a, WH16c, Wu17b, XJW19, XHL18a, Xu16, YYL17, Zen17a, ZB17, ZWPB17, ZZ17d]. **Property** [Deb12, RR14, Sal15, SU14, WZ10, DY18, HYS17, Tra17, WGW19]. **Proportion** [KL10, LVVN11, RD10, JSSO18, Jun17, Lu18, MA18, SG19]. **Proportional** [AJGG14, CL15b, CW15a, DJ15, DSA16, HT10, HA14, HSHW14, IT12, LZ10, NSS18, RA11, RG15, SS12a, TWH10, TS12, XLL15b, Zha15a, AMP17, BBHN18, BBA16, BB19a, GP16b, GHL17, JR18b, KN18b, LP17, LCW+18, PA18, Qiu17, Rez16, SAD16, SS16a, SSSK18, SSS19b, YWX17, ZYH17]. **proportionality** [FWZ+17b]. **Proportions** [KZ15, LWWH14, MP12, NN11a, New11a, PJ10, SR11, Zha15b, BS16c, CS18, CGS16, JSS16, MP16, Sen17a, Sen17b, TK19, WY16]. **proposal** [Gol16]. **proposing** [TP19]. **Proposition** [Bia12]. **protections** [QJWC18]. **protocol** [MV16b, WH18]. **Proxy** [ÜY13]. **Pseudo** [Gar10, KM14a, KSBN17, KTBN17, KSDB18, MZ17, RSV10, VEKH15, KT17b, WXS18, ZX18]. **Pseudo-Likelihood** [KM14a, MZ17, KT17b, ZX18]. **Pseudo-Likelihoods** [RSV10]. **Pseudo-maximum** [KSDB18]. **pseudo-observations** [WXS18]. **Pseudo-truncated** [VEKH15]. **pseudocounts** [Oga16]. **Pseudolikelihood** [ZT13]. **purchasing** [PLC17]. **pure** [DYW18, OAOQ16]. **pure-birth** [OAOQ16]. **PVC** [HC12].

**QAL** [PDS09]. **QML** [DK13]. **QMLE}** [BG19c, AL15]. **quadrant** [YC17]. **quadrant-dependent** [YC17]. **Quadratic** [Afe13, Are14, FH13b, FN09, Kon10, LR10a, LWR11, PM12, RS13, RLL12, SK12c, Smi13, TL15b, BBC18, Fon17, KK17a, RK18, SK19a, ZZL16, Zha17b, ZZJ19, ZKW16]. **quadratically** [Fon17]. **quadrivariate** [YVCA17]. **qualitative** [SG19, ZLZ19]. **Qualitatively** [WBH10]. **Quality** [Ber12, Cui12, HD13b, HC12, PDS09, PVB13, SW14c, FY17a, FEP18, HME17, Ko16b, LPHC18, PMFK18, TS17e]. **Quality-Based** [SW14c].

**quantifying** [FEP18]. **Quantile** [AT19, CTT15, CZ15c, CT16, CLX14, DNL12, De 11, DZX13, FR10, Fau12, GZSS14, HS15d, JZQ15, Kay18, LK14, Lu13b, MCX10, MSN14, Pao10, Par15a, QL11a, Ryc14b, SY11, SS17a, SE15, SF12b, TTZ14b, WLF11, WL15, WWH15b, Yu12, ZWNS18, ZFD17, AM17b, ARJF19, BK18, BSGS16, BMR17, BLT16, BS15, CL17b, CA18, Ciu17, DGMC17, FTT16, FZZ16, GGO17, JQZ18, JHM19, LD18a, LY17, MG19, MMT17, NSS18, NI16, PLC17, Qiu18, SAD19, SYC19, SK19a, SC19, SLF18, SQCL19, SSH17, Sta17, Sun17c, SR18, TLT17, WH16a, WGG+19, XTT17, YS19, YWL17, YWLW18, YD19b, ZZ18a, ZP17]. **Quantile-based** [Kay18, SS17a, BK18, BSGS16, BMR17, SC19, SR18]. **Quantile-Copula** [Fau12]. **Quantiles** [AB14, Bak11, BHLK15, KT11, RVD14, Ryc11, YWH14, BAB+18, Hen17, JT19, KOA16, MST19, MRA16, SCYR19, Sze17, TKJ17, XY19, YZ17b]. **Quantitative** [Ber12, GMSD13, Zho10, Arn19, BSH17]. **quantities** [JZ16]. **Quantity** [Bia15, CC11, PVB13]. **Quantity/Quality** [PVB13]. **Quantum** [GV11]. **quarter** [Ham19]. **quarter-plane** [Ham19]. **quasars** [DBC16]. **Quasi** [GLZW12, GJ15, GL10b, PC16a, Phi18, Saj11, Wan13c, Wu17a, XML16, ZLN11, AD16, AD17c, BJC16, HA18, JXW17, LSL16, ST16a, WCW17, XJW17, XJW19, ZX16]. **quasi-** [ST16a]. **quasi-associated** [AD16, AD17c, HA18]. **quasi-asymptotical** [WCW17]. **Quasi-Likelihood** [GLZW12, GL10b, BJC16, JXW17, XJW17, XJW19]. **Quasi-Maximum** [ZLN11, PC16a, ZX16]. **Quasi-Minimax** [Wan13c, Wu17a]. **Quasi-Ranges** [Saj11]. **quasi-stochastically** [LSL16]. **Quasi-sure** [XML16]. **Quaternion** [ABLR15, LX10a]. **query** [LDL18]. **query-agnostic** [LDL18]. **question** [LPdDTH17, MA18, Sen17b, TS16, TS17d]. **Questions** [BBP14, TWTG14]. **Queue** [CM13a, Dra13, GMRN13, Kem11, SRK11, SU14, Vas14a, Bur19, GMR16, JX19, KC19a, KC19b, KY16, PBC17, SA19b, YL17, YL18c, Ye19, ZG19a]. **Queueing** [XZD10, BL19, PM16a, TSOT19, Vas16, ZXM16]. **queues** [AS19, SLOT17, YFV19]. **queuing** [DP18, KS18a, SK16e]. **Quick** [Gov11, BU17, BJU18, MB19]. **Quickly** [WXZ18]. **Quotient** [BNE15].

**R** [BAA+18, GPÖ14, PBC17, TN13, Gue10, HBAJ17, KHY17]. **R&D** [Tsi10]. **Race** [GL15b]. **radar** [SM17]. **Radial** [FG11]. **radiation** [El 19]. **Rahim** [HME17, PKM17, PMKF17, PM18, PMFK18, RMM17]. **raise** [SGGdML17]. **raising** [GR17]. **Random** [Abd15, ADP10, AC15, AKK09, AK14c, BS12a, BP18b, (Ba14, BGT10, BCCH14, Cey11, CG11a, CW13, CW15a, CYL13, CA14, Con10, Dai16, DSO12, Don11, EMI14, FJ11, FWT13, Fle13, GZSS14, GK13, Guo14, GS15c, GE11, HS15b, HS13a, HEHM11, HH13, HS15d, HWYW14, HGZG15, HWW15, HP14, JA10, KR14, Ko13, Ko14e, KL11, Kor11, KRT11, KOP13, KOP14, KLM10, Kur10, LG10, LR10a, Li13a, LX15, Li15, LZ18, Lim11, LR10b, LS12, LSX14, MP15, Mas15, MWM13, Mon14, NRW15, ÖÇO14, Pul13, QKP12, Rat13, RB11, RMC11, RE10, SSA10, SY17a, SG10a, SWL14,

SWLW14, Sho15, SMM10, SS13c, SS14b, Sun11, Sun12, Sun13, Sun15, TC14, TSS15, Tee14, Tho14, TCN15, VT15, WY11, WHVH13, WW13c, Wan13a, WLY14b, WS14, WDM14, WZY14, Wei12, WGG+19, WJ11, XTG15, XY09].
**Random**
[XY10, XM14, YUSC14b, Yan19, Yar11, Yar13, Yar14, YTX14, ZY10, ZWZ11, ZLD11, ZWPZ15, Zie13, AD17a, AEHQ17, AD16, AD17c, BSW15, BSL+19, BZH19, BNZ17, BEY18, BD19, Bib16, BH17c, Bud16, CS18, CSB19, CLLW16, CF16, CKS17, CG17, CL17a, Che19a, CXC19, CS19b, CZW16, DP17, DLH+18, DWM+17, DTWW17, DRAS17, DW17, DS16b, DS17e, EG18, FL18a, FC18a, FPCP16, FWZ+17a, FWW19, Fro17a, GHSZ19, GSM16, GMR16, GGO17, GHL17, GX18, Had17, Ham19, HF19, HSLQ17, HZZ19, JKL19, Kal17, KM18, Kay18, KKKÖ17, sK16c, Ko16c, Ko17b, Ko18, Kon16, Kon19, KVR17, Kun17b, KP18b, KN18c, LCG18, LPH16, LWWH16, LSYL17, LTS16, LTV17, LSZ16, LSW16, LQ17b, LSL18, LQYZ17, MSB19a, MAS16, MWW18, Men19, MX19, MKY16, MSK17, NC18b, NAC19, NMAA19, NHV17, QC16, Rao17a, RS19, Roo17, SB16a, aSaCN18]. **random**
[SG16b, SAB18, SG17a, SG17b, SG17c, SH17b, SBA17, SWZ16, ST16c, SZV16, SS17b, SXW17, SYW16, SJY17, SY17b, SSB17c, SKS17, SK18b, SG19, SN18, SKK16, SS16h, SA17c, SHLQ17, SW19c, SJJ19, TWZ16, Tan18, Udo18, UZ19, VFP17a, VFP17b, WHV16, WL17b, WW19, WGW19, WN17a, WN17b, WV16, WG16b, Wu17d, WHY18, WXZ18, WP19, XTL+17, XDWC18, XJW19, Xia17b, Xie16, XXMZ18, Yan18, YHW17, YZG17, YJS19, YYWH19, YQC17, YLS17, YC17, YW18, YZ18, ZG19a, ZK16, ZSL17, ZC17a, Zha17e, ZT17, Zha17a, ZWPB17, ZMN17, ZYH18, ZL16g, ZY16].
**Random-effects** [EMI14, SJJ19, XXMZ18, Zha17e]. **random-type** [Udo18].
**Randomization** [Ani11, OM13, YSS19]. **Randomized**
[Arn11, ASN12, AS15, Chi10, DP14, GCR12, GMSD13, MJ15, MH15, RN13, Shi10, SKHL10, SHLK10, SK12d, TWTG14, Wu16a, XTT17, YW15, AAE17, AO18b, AO17b, Arn19, EM18, GZ17, HS18a, JSS16, JSSO18, KC19a, LPdDTH17, LHS19, Sen16b, Sen16a, Sen17a, Sen17b, Sen18b, SM18, ST16d, ST16f, ST16g, SG17f, SG17g, ST17a, SG17h, ST17b, SSSK18, SG19, SSS19b, TS16, TS17a, TS17b, TS17c, TS17d]. **Randomly**
[GJ15, WHHW17, WHYW18, YXC11, YC17, LL17d, Roo17, TZW16, ZL17].
**Range** [BNE15, Dem14, GS15b, IS11, ZLF14, Ber16b, BS17, CZCM19, WH16b, Zan17]. **range-based** [CZCM19]. **Ranges** [Saj11]. **Rank**
[CB10, CB12, CM12, FZ17b, Hou12, KAD14, Say14, SP15, Tia12, YDC15, Bin17, Che18, FZ18, KN17b, LVH19, ML19, OL19a, YGL16].
**rank-estimates** [ML19]. **Ranked** [AARN10, Bak11, DCL12, FDHH14, Fre14, GÖ12, HASA10, LCP+14, MADSAS10, PL12, SAS11, VB12, VB13, ZAV14, CLZ19, EDKAEN17, EDT18, FF16, FF18, HBMAO16a, HBM16, HBMAO16b, Haq17, Koy18, LB16, MZ18, RM16, PT17, PT16, SM16].
**Ranked-Set** [Fre14, FF16, FF18]. **Ranking**
[BG11b, CDZ14, Gia14, PL12, VB13, Yan16, ZAV14, Alv16]. **ranks**
[LYR+18, MC18]. **Rao** [GPÖ14]. **Rare**

[FNDM12, SK15b, LHS19, QKCH19, ST17b, SSSK18, SSS19b, TS17b, WN16a]. **Rasch** [BBB14]. **Rata** [CC10d]. **Rate** [BP15b, BR13, CCZ15, CZ15a, COL15, Dom11, DMT+15, ES11b, EdSMR14, GK11, KRB13, KOP13, LZPJ11, LH14b, LDY15, LB11, Mel13, Muk10, Nad10, NS15a, QWZ14, RPY+13, RGI15, RB11, RR13, Ryc14a, SJS15, SWLW14, Sym19, TK14, WZY14, WX15, dXcY12, XY14, XLL15b, Yil12, AE17c, AD17b, AG18, BSW15, BKM18, BBA16, Bic17, CM16b, CLLW16, FNM19, FSSW17, GH19, GP16b, HP16, HB17a, HP17a, HB17b, HA16b, JZ17b, KJT17, Ko17b, LMdO18, LO17, MKSS17, NE17, NAN17b, NB17, PKM17, PK19, POS+19, RG16, SAD16, SZV16, SLZ18, TPN18, VS19, WL17b, WH18, WP18, XX18, YJS19, YCL17, ZL17]. **rate-making** [NAN17b]. **ratemaking** [ZHW17]. **Rates** [CB12, Fu11b, PMC13, RvdM14, SBK13, VLTP14, XGZ15, XY10, Xin10, pZ13, ZZS13, Arv18, BBHN18, CE19, CF19, CL17b, Che17b, DLH+18, DZL18, KYW16, LW17c, LL19c, LCA17, MCGMS17, SRN17, SV17]. **rating** [BKKP19]. **Ratings** [CG14b, BH17c]. **Ratio** [BSY12, Chi09, CM13b, EE15b, GAK14, HTN15, HS13a, KPZ16, Lu11, Mae10, MKK17, OJR15, ÖÇO14, PSS+15, QL19, RS14, Rub10, SS13c, SAC13, TC14, TTC17, Tak14, TN15, WXPL13, YUSC13, YUSC14b, AE17a, AE17b, AEHQ17, ABK17, BS16a, BP18c, Che16c, CLL17, CE17c, DDP18, EEE16, Hua17a, KP18a, KZ19, LKK17, LWZ18, LTS16, MNM19, RM16, NKG16, mNK17, Par17b, RK18, SG17c, SSS16, SP17a, SPY18, SLSC18, SS16i, Tar17, Vis18, Wan18, XX17, YX17, YX18, YH19, ZB19]. **Ratio-** [MKK17, TTC17]. **Ratio-Cum-Product** [TC14, LTS16, RM16, SSS16]. **Ratio-Product** [YUSC13]. **ratio-ratio-type** [SPY18]. **Rational** [Cho10, Ko15a]. **Rationally** [sK12a, sK16c]. **Ratios** [AE13, Bur15, KRT13, MCY10, Ste11, Tho14, TP14, Bur17, SG17g, ST17a]. **Rayleigh** [BP17, IVVG17, ICBG18, JYX16, JY16, KTR18, KPS10, Kha12, KG14c, LL12, LG14, MAA17, MML17, PKJ14, PG18, Qom17]. **RCEV** [Çel19]. **Re** [LMCH12, ÇE17a, ST18]. **re-estimated** [ÇE17a]. **Re-Estimation** [LMCH12, ST18]. **Real** [HT13, KSDR15, aYwSlDmS17, GST17]. **Real-time** [aYwSlDmS17]. **realization** [ZYH18]. **Really** [YSHL11]. **REBMIX** [NF11b, NF11a]. **Recapture** [WBH10]. **recipe** [Key16]. **Reciprocal** [RR09, SS12e, SSR19]. **reciprocity** [LD17]. **Recognition** [Ano10b, TN19]. **recommended** [Hot16]. **reconciling** [WK19]. **Record** [AAR11, BAT15, AC16, BBA16, NK19, PT17, QK17, SAD16, SK17, SBA17, TD18, TP19, ZCCW18]. **record-breaking** [SAD16]. **Records** [AB14, AF10, EWRZ14, GLS12, KJD+15, Ko11, AB19, BAB+18, CM19, Jas16, Jas19, KQ17, MT14, MA14, Wan17b]. **Recoveries** [BCCH14]. **Recovery** [KvdVvZ13, Mat14, Mna17, UU11]. **Recruitment** [Ani11, LZY+17]. **Rectangular** [AJ11]. **rectifying** [NN18]. **Recurrence** [NHN16, NA17, ZWZZ15]. **Recurrent** [Han12b, LSZ13, ZZS13, ZWZZ15, Fan18, GZ16, HHS18, OAOQ16, SLOT17, She18b]. **Recursion** [Mar15]. **Recursive** [BZAZ15, BLT16, LWY10, Nge11, Sla17]. **Reduced**

[GMP11, Por11, Alm18, IK18, KD17b, SG16c]. **Reduced-Bias** [GMP11]. **Reduction** [FAS11, Gil12, LG14, YL10, ZYX12, Zhu10, ZYZ11, CS17, DLS17, DBG17, God16, HJW19, KNH17, SS16e, SA17b, XTS16, ZZ17c]. **Redundancies** [LYH11, ZL15, CZZZ18, YL18a]. **Redundancy** [LWZ13, YLL19, YL18d]. **Referee** [Ano10b]. **Reference** [AT15, GDDC19, Gri15, CM16b, CTAL17]. **Refined** [GR18a, BOT17, OOT19, OTA17]. **Reflected** [EB12, QNP12, LW18b, ZZ19d]. **Reflections** [CCZ15]. **reformulation** [ZZJ19]. **Refusal** [BBP14]. **Regarding** [MC14, RL09, NM17, NM18, SG17d]. **Regime** [DYW18, WW10, XLPL12, Cav17, FSSW17, GDW18, HZ17b, XDW19]. **Regime-switching** [DYW18, FSSW17, GDW18, HZ17b, XDW19]. **regimes** [OH19, WLC17, ZDDH17]. **Region** [AKL15, CC15b, Ko14a, UC15]. **Regional** [BHKHM13, Ko15a, sK12a, sK13b, Ko15b]. **Regions** [BL15, Can15, CGL13, HM15, sK12a, Pre11, XZD10, BKL19, Hua17a, sK16c, LH17c, MP17, PF19, QYLL17, YCH17]. **Regression** [Abd15, Aga11, AKL15, AK14b, AARN10, AAM14, APA14, ASMZ14, AJN15, AG11, BA10, BC12b, BBB10, BS15, BB12, CYE15, CO10, CY14, CS14a, CS15a, CKLS11, CG11a, CHH15, CTT15, CHLP09, CYL13, CYY14, CZ15c, CS14b, CA12, Cho10, Chv13, CR14, DNL12, Den13, DZ15, DG11, DZX13, DLP15, DI10, DD13, ER11, Fam15, FV11, FH13b, FP12, FH12, FG11, GSY10, GT15, Gil14, GL11, GR15, HS15b, HKLW12, Hol15, HL11, HS15d, IT12, IS11, JS13, KYS13, KMS13, KMSS14, Kha11, KCC14, KS15b, KCS12, KCY$^+$19, KE10, KS12b, KS12c, KLS10, KAD14, KP12b, LGV13, LK14, Lem14, LLC10, LY10, LX11, LYX11, LY11a, Lia11, LL14, LW15, LWR11, LG11, LGX12, Lop11, LM18b, Lu13b, ML12, MS11a, MSS14a, MSS14b, MKS15, MS14a, Mao15, MP14, MFS12, MH11]. **Regression** [MS12a, MT12, MM15, MX15, MW10, NBS13, NO12, NAMD14, NK15, Nos14, NIN11, ÖA15, ÖD10, Par13b, Par15a, QZY11, QQL14, RSV10, RVD14, RM10, RAG12, SE15, SGM11, She15b, SS15a, Smi13, SLSY14, SSM12, SZD12, SZL14, TOT15, THHL15, TTZ14b, Tsi10, Tsi14, UPA13a, UPA13b, ÜY13, Van16, VRC13, VV12, WDZ11, Wan13b, WW13a, WS13, WG15, WWT15, WH15a, WT15, WTZS15, WSlT15, WW15b, WXS18, WY13, zXyL13, Xu12, XY12, Xu13, XY13, YC10, YHA10b, YXC11, YC11a, Yan12, YY14, YS15b, YC11b, YW13, ZI12, ZI14, ZK13a, ZSK12, ZY14, ZZLL15, ZSY13, ZW09, ZS10, ZL14b, Zhu10, ZZSP14, ZLWZ10, ACO$^+$18, AB17, AM17b, AXLJ17, Alg19, AAO17, AW16, AEA17, ALR19, BD16b, BH17a, BD17a, BD17b, BG16a, BSS19, CYF$^+$18, CH19a, CBSN16, CW18, Cha18, CS16c, CCN17, CW16, Che16c]. **regression** [CKS17, CN17a, CT16, Che19b, CGC17, CA18, CE17c, CBOR18, DYXW19, DDP18, DDD17, DA17b, DGMC17, El 17, El 19, FAT17, FTT16, FZZ16, Fan18, FK19, FI17, FDL17, FWZ$^+$17b, FJS$^+$18, FRC16, GAS17, GGO17, Gro18, GK19c, HL18a, HBM16, He18, HW18a, HJW19, HWH18, HLY16, HWY17, Hua17b, HJY18, Ima17, Isl17, IKH19, JXW17, JQZ18, JHM19, KD17a, KKS19, Ker17, KY17b, KLKK17, KDG$^+$18, KH16, KL17b,

KS18b, LZY+17, LP19, LM18a, Li16, LY16b, LSL16, LX17, LCG18, Li18, LD18a, LX19, Lin16, LYR+18, LL17d, LY16c, LY17, Liu17a, LWD+18, LMdO18, LWHB16, MSK18, MBS+19, MMN16, MMP18, MATC18, MN19, MG19, MFFMA17, MMP17, MD17b, Mur16b, NC19a, OW19, OE16, OOT19, PDdHNMR17, PY16a, PK18, PCS18, Pop16, PK17, Qin17, ROM16, RA16, Sab19, Sch17, SLF18, SNW19, SS16b, SSH17]. **regression** [Spa19, TLT17, TT17, TK17b, WXZ16, WHC16, WP16, WL17c, WH16c, Wie18, WB18, WF17, Wu17b, WAA18, WCF18, XQS19, XW16, XHL18a, XX17, XQ17b, XTT17, Xu16, XN19, Yam17a, Yan18, YS19, YGL16, YLG16a, YYY17, YWH17, YGM19, YJSL19, YWLW18, Yil18, YCL17, YD19b, ZB19, ZKS18, Zen17b, Zen17a, ZDZ17, ZZ18b, ZWNS18, ZZ18c, ZZ18d, ZDW17, ZP17, ZDS16, ZL16f, ZFD17, Zin18, dPD16, vZ17]. **Regressions** [GH13, LF10, WH15b, ZYZ11, ABES18, LP17, VSN16, ZKS18]. **Regressive** [MYM11, JDSS16]. **regressive-spatial** [JDSS16]. **Regressor** [LMR13]. **Regressors** [XWJ10, FP17b, SB16a]. **Regret** [NS15b, Xu13, Xu17a]. **Regular** [Bas14, CG14a, CJ15, DKY16a, Hay10, HLL15, Koi10, Lu14, LS15b, MM15, MW10, Tan10b, CZ19a, LMH17, Lu16b, MH16a, OB16, ZYLZ17, ZLYZ17, ZL16e]. **Regularization** [TPTT14, AD17a, ZZ19b]. **Regularized** [EY10, KK11a]. **Regularly** [HLX14]. **Reinforced** [DP14]. **Reinsurance** [ES11b, LLSM14, CPW19, FWLL19, HW18b, LRZ17, MWY18, YWX17, ZYH17]. **reinsurance-investment** [LRZ17]. **reinsurer** [FWLL19, ZYH17]. **Rejection** [LS11, Sco11]. **rejections** [MR17]. **Relapse** [KC12]. **Related** [Cha15, SWW+12, TAY11, Wat11, AA19, Ayk19, BPV19, FFN+19, Hom17, OL19a, PL17, VPMV16, WQ18, Yam18a]. **Relating** [CVC+12]. **Relation** [BREA11, Lec11, GR17]. **Relational** [APM10]. **Relations** [BS12b, SZL14, ZC11, NA17, PHY19]. **Relationship** [BBG18, MCY14, Tsi10, Nag18, Uya17, ZMV+17]. **Relationships** [Dom11, Tia12, Vij11, Ayk19]. **Relative** [Dji10, OMB17, RGI15, Tee12, Tsi14, WH14, WZ15, WWH15b, Zha15a, Che16a, Con16, DWW18, HN16, HW18b, Ko17a, Meh17, YYS+18, ZZL16, dAdLA18]. **relatives** [AR17c]. **Reliabilities** [DLC16]. **Reliability** [AMGK13, AMGK15, BC12a, Ben14, Ber12, EI11, Ery12, Gup15, Gup16, Han12a, Hou12, JCY10, JC12, Kam14, KS14a, KN10, KN18b, LH14b, Lin14b, LSCW17, Mea15, MV16b, NSP12, NRW15, PSF16, Pao10, RSA19, RAK15, SWW+12, SK15a, WCZP16, Wan17b, WYL12, WZT15, YGWQ17, ZZA12, ZM13, ARB19, CR16, CK17c, CM19, DMA17, DZH+19, FK16, FN18, Han17, IS17, JZ17a, JSWL17, KS19, KG17, Moh19a, MIG17, NS16b, RAA17, RAM16, Sha18c, Sre18, TE18a, YX17, aYwSlDmS17, YYLM18, You17]. **Reliability-Based** [Ben14]. **Reliable** [DCL12, cTtL14]. **Remainder** [NNZA18]. **Remarks** [AK14a, BK17b, Mül12, YHA10b, KS16b]. **removal** [LSCW17]. **removals** [BSL+19]. **Removing** [SÖ12]. **reneging** [KS18a]. **Renewal** [HKR15, KRH12, MS10e, SI13, AAK16, FS17, GCW19, GWZ17, Li17b, LGG16, LYG17, XX18]. **renewal-reward** [AAK16]. **Renewing** [CC10d, JHP10]. **Renyi** [AA10, AC16, DWX17, NY17, SK19b, Too17, JY14].

**Renyi-type** [DWX17]. **Repair** [CSC13, CDG12, DJ15, Fal14, KY10a, HWZ19, JX19, KC19a, KC19b, LCWG16, MAA17, QC19, RG16, YFV19, ZW17a, ZW17b, ZW17c, ZW18]. **Repair-cost** [CSC13]. **Repair-Time** [KY10a]. **Repairable** [BC12a, CGSM10, DCG13, DSC+14, CVL19, Ery16a, LCWG16, QC19, VM17, WCZP16, ZW17b, ZW17c]. **repairman** [LCWG16]. **Repeatability** [DZ14]. **Repeated** [DS09, EMI14, ITG09, RL12, SAC13, WL14, ZLD16, ASR+19, BAT+18, CK17a, FZ17b, FZ18, HCW18, JKL19, KC19a, KC19b, LCZA17b, LCA17, NNvRS17, NVS19, RAST18, RRRA18, SLL17, XQ17a, YZFM17]. **repeated-measures** [FZ18]. **repeats** [ZCC16]. **repetitive** [AO18a, JBA18, YCAJ18]. **Replacement** [CSC13, CC10b, CC10d, KY10a, NN11b, SCC11, ZMN17, Cha16, Che19a, Moh19b, PYL17, PKM17, PM18, ZW17c]. **Replicate** [MLGZ14]. **Replicated** [UC15]. **Replication** [HB13, GL19]. **Replications** [NC14]. **Reporting** [Bic19]. **Representation** [ABLR15, CLX14, DO13, HP14, LN13b, MS10c, NN15, BCCR18, Car19, Tav16, XY19]. **Representations** [MS14c, Ric13, ZM13]. **Reproducibility** [DZ14]. **Reproducing** [Par15a, SN12]. **Reproductive** [CTW10, XWJ10]. **required** [DZH+19]. **Requirements** [MH15]. **reranked** [Spe17]. **Resampling** [CS16b, JP13, LM13, Wan17a, WGG+19]. **Rescaled** [WWH15a, BRAS17]. **Research** [JC12, KLS12, Wei14, ZW13, YH16]. **Reserving** [HQW15]. **Reset** [Par13a]. **Residual** [AC16, Bar10, BR12, CB14, CW15a, Fak15, HS12a, IRB13, JY14, KRB12, LM14, MB15, NRB14, RGM15, RG15, RSA13, RR13, Zha11, CB17, CNG17, FZZ16, GXB18, Kum17, KP18b, LMM18, MB17b, MBF17, MSR17, NP17a, PBA17, PBA18, Pro18, PE17, Qiu18, SHB17, SK19a, SY17a, Tav16, VS19, ZJZ17]. **Residuals** [CL15c, UDC12, ÇE17a, Çel17, Çel19, KL17a, KLKK17, LTCQ17, LM18b, NS19, WH16c, ZKS18]. **Resolution** [Hil15, HYK15b, RSV11, Tin10, YH11, KHY17]. **resource** [KAR16]. **Resources** [RE10]. **Respect** [AB14, HL13a, HX11, ZFL13, CS16a, She18a, SJY17, SS18]. **Respecting** [ZB12a]. **Respondent** [MV13]. **respondents** [RSC16]. **Response** [Aca15, AAG12a, Arn11, ASN12, AS15, AAG12b, BD11a, BO14, FHS15, GDS+14, GMSD13, KK11b, LW13b, MMP14, MJ15, PP10, Par15b, RMP12, SK13a, SKK10, SK10a, SK14, SMPH15, SKHL10, SHLK10, SK12d, SZD12, TSS15, TWTG14, UC14, Wee12, WJH15, XTG15, YX15, ZZ11, ZS12, AAE17, ASG17, AO18b, AO17b, Arn19, AH17b, BQC17, CS17, CSB19, EM18, GAS17, JSS16, JSSO18, KJ17, KZ19, LP19, LPdDTH17, LHS19, LWZD17, LXT17, Lu16c, MSB19a, Mat18, MBN14, MSEN18, NC19b, OW19, PT19, Roy16, Roz18, Sen16b, Sen16a, Sen17a, Sen17b, Sen18b, SGA19, ST16d, SKM16a, ST16f, ST16g, SKM16b, SG17f, SG17g, ST17a, SSB17c, SSS17a, SG17h, SMK17, SKS17, ST17b, SKM17, SK18b, SSS18, SSKP18, SSSK18, SG19, SSS19b, TS16, TS17a, TS17b, TS17c, TS17d, Wu16a, WXZ18, XQ17a, YSG17, ZF18]. **Responses**

[BBG14, BM15, BB14a, CDZ14, Fu12c, Kat11b, Kha12, LW13b, QL11b, SG14, THHL15, Wei12, AO18b, BM16, zF16, GX18, HXF18, KGH19, LLZ17, OD19, RSG17, SG16b, Sen16b, Sen16a, SG17e, TSG19, XTS16]. **Restoration** [OP11]. **Restricted** [AK14b, CHP14, HM15, LY10, LLY16, LGX12, NC14, OM13, Piz13, Pre11, SGM11, Šir14, WY13, XY11a, YC11a, AW16, AEA17, BCP17, GOLM19, Hu16, HWY17, KD17a, LY16b, Li18, Ren16, WXS18, Wu17b, WA17, WAA18]. **Restriction** [BAT11, CZ19c, FAT17]. **Restrictions** [Bru10, PC12, Tia12, YW11a, YY14, Kaç19, KAT18, SJJ19, TK17a]. **restrictive** [MDC16]. **resubmitted** [MB19]. **Result** [ABC12, Mel13, SB16a]. **resulting** [SGKB17]. **Results** [AB15, BHB15, BSCS11, CC10a, FJ11, Gue14, IAA15, LLV10, Li14b, Mah12a, MWM13, Pap13, RR13, SBR14, SS12e, WZ15, YL15, ZM13, AABL17, AER16, BNB18, BNB19, BCL16, BD17b, CF19, CB16, DAS16b, Had17, KSDB18, Kum17, KP18b, Li17c, LL17b, LL17f, NM18, OL19b, PC16b, Qiu18, SS16b, SI19, Tch19, Udo18, WHV16, WCW17, YL16, ZZ18e, dAdLA18]. **retention** [KS18a]. **Retrial** [Dra13, SLOT17]. **Retrials** [Dra13]. **Retrospective** [GLY17, XLZ+12]. **Returns** [GW15b, LPS11, SN18]. **Reversal** [MS14b]. **Reverse** [Jac11]. **Reversed** [Dom11, IRB13, MB15, RGI15, BBHN18, HP16, HB17a, HP17a, HB17b, SRN17]. **Reversible** [BJ19, ÖD10, Sze17]. **Review** [ZL14a, ZN18]. **Reviewed** [GGL14]. **Revised** [Lu10, CKLC17, LWZ17]. **Revisit** [KCC14, SSS19b, KJ18]. **Revisited** [Kon15b, MO18, Spa19]. **Revisiting** [CDE10, MC19, PLC17]. **revival** [Fab16]. **reward** [AAK16]. **Rewards** [SMS14]. **Reweighted** [DTO11, DBA18]. **Ridge** [AK14b, Alk10, APA14, AJN15, BAT11, Gru12, Hol15, KMS13, KMSS14, KCC14, LY11a, LL14, LMR15, LG11, LGX12, LP17, MS11a, MSS14a, MSS14b, NO12, RAG12, SG15, TK17a, UPA13b, Xu12, XY13, YY14, ZSK12, Alg19, FAT17, FRC16, GR17, KD17a, LY16c, MSK18, RA16, WA17, Yam17a, ZKS18, Zin18]. **Ridge-type** [LL14]. **Riemann** [Dai15]. **Riesz** [HL13a, TZ17]. **Right** [DP10a, DP13a, DPP15b, Hua11, Par15a, She10a, She12a, YSHL11, ZLD11, CSC17, FGL18, GFL19, NB16, She16, sSW18, SSR19, Wan16d, WH16a, ZZ18a, ZJZ17]. **Right-Censored** [Hua11, Par15a, She12a, YSHL11, CSC17, FGL18, GFL19, She16, sSW18, ZZ18a, ZJZ17]. **right-skewed** [WH16a]. **rises** [Kon19]. **Risk** [BCCH14, CGW15, CPW19, Chi09, DMS14, ES11b, GJ15, GB15, HK15, HJ14, HZ17b, JRM10b, KM18, Kha11, KY10b, LD14, LDY15, LLQ13, LLSM14, PP12, PHW11, PK11, SW14b, SK10b, WW13c, WH14, WJY15, WZ15, XLL13, XGZ15, XLZ+12, Yan14, Yan15, Zha15a, ZYN11, ZZL12, ATO19, BR19, BSGS16, CRTdC17, CCCT16, CXC19, CH19b, Con16, DLH+18, DTT+16, Ery18, FG17, FS17, FL17, FL18b, FL19, GWL16, GCW19, GWZ17, IF18, JN18, KOFA18, KL17b, Li17b, Li17c, LSY17, LG16b, LGG16, LYG17, LWG18a, LWG18b, LWH19, Lou19, LSL19, LO17, NCA17, NSR+19, OMB17, QWWW19, She18a, SQCL19, TMZ+17, Wan16b, WCW17, WRZ19, XX18, hXZ17, XZ17, XYL14, YZ17a, ZN18]. **risk-adjusted**

[KOFA18]. **risk-minimization** [QWWW19]. **Risk-minimizing** [HZ17b]. **Risks** [Ko14b, SS12d, WY12, WW11, XT11, Yan14, Yan15, ANJ17, AN17d, BSL+19, Bel17, CSL17, CK17b, FZZ16, LXL17, LL17b, LS16a, LS17c, LWG18a, LWG18b, SS16a, SDS17, SX18, SLSE19, SSD19, WXS18, WSS17, ZZ18a, dAdLA18]. **Risky** [LPS11, GWP19]. **Ristić** [CB16]. **rival** [Say17]. **RJMCMC** [DM10]. **Robbins** [AD17b, GFS16, RD16]. **robot** [FN18]. **Robust** [ÁF16, AMH14, BC12b, Bis12, BDM13, BDM15, CYE15, CL10b, CZ19a, DYXW19, DPA10, DPP15a, ES14, EP11, FQZ14, FH13b, GGLV14, GH13, GYL17, JN18, Kim15, KZW09, LMG13, LZZL17, LL18a, MEZ16, Mao17, MR16b, MBN14, MX15, SK18a, SA17a, SSS14a, SLZ18, SV11, TN15, TB13, WLS18, Wu13, XY11b, YLG16a, YLG16b, YZ18, YK11, ZGK17, ZYH17, Arv18, BMRSE17, BBR17, CSM16, FCSH16, GKP16, HJC17, KKS19, KP19, KH18, Man17a, MSEN18, OPK18, OH19, RAZ19, Ric17, SA16, SSY18, TL17, YL18b, YGM19, ZB19, ZX18]. **Robustness** [AB09, AAG12a, ADO13, CG12, Che16a, DTE13, HK13, Kha11, LH11b, VRC13, YDC15, CSM16, Kha16, Wan19a]. **ROC** [CM16d, CM17, DTE13, WNL18]. **Role** [BC14, CKD14, Hun14, Ram17, ST16f, SA14, VT17]. **Romig** [YF17]. **Root** [Kon15a, LS11, QTD10, FLY16, Hay17, MR16b, PLC17, Sen18a, WYY19, XP18, Zha16a, Zha17c]. **rooted** [HYS17, SY16, SY17c]. **Roots** [BB12, dBCR15, DPS11, ZS17b]. **RoPLS** [TB13]. **Rosenblatt** [YLW17]. **Rosenthal** [FTF17]. **Ross** [CCZ15, FNM19, RS14, SST14]. **Rotatability** [KP12b]. **Rotatable** [DPA10, DPP15a]. **Rotation** [SK10a, SSP+12, SK12b, SK14, SMPH15, SMMS15, PM16b, SP16c, SKT16, SP16d, SSS17b, SP17c]. **Rounded** [Kac14]. **routing** [Lin14b, MV16b]. **Row** [VJV14, CLLW16, DJVV17, GPM18, VV17, Wan17d, WW19]. **Row-column** [VJV14, GPM18, Wan17d]. **row-wise** [CLLW16, WW19]. **Rows** [KLS12]. **Rowwise** [SWLW14, WHVH13, MWW18, SS17b, Wan17f, YJS19]. **RRT** [MA18]. **Ruin** [BS12a, GW15b, HJ14, Kon11, LDY15, PHW11, XLL13, Yan14, ZYN11, BSW15, BR19, Ery18, FL19, GWL16, Li17b, LGG16, LWG18a, LWG18b, Sun19, XX18, hXZ17, ZWY16]. **Rule** [CHP14, jK15, LR10a, SLZ11, ÜY13, XY12, XY13, BCP17, CKLC17, LY16c, OB16, VM17, Zha17d]. **Rules** [Hou12, KS14b, Lee13, LR10c, Mah12a, RL12, YHS13, GFM17, KCL+16, KHC14, MR17, WCK16]. **rules-the** [KCL+16]. **Run** [AMR14, BQDH12, Cox15, Lee13, LZH15, WCK16, BVJV17, FY17a, GFM17, LK17c, LK17b, RSA19]. **Runs** [HCS10, KS14b, Kon15b, KHC14, Mah12a, MP15, MZ14, SH11, Ste11, AMP18, CKLC17, KCL+16, Kon16, Kon19]. **Runs-rules** [KHC14].

**S** [BT13, Had17]. **s-increasing** [Had17]. **Saddlepoint** [AE13, AE17b, AAE13, CG11b, AE17a]. **Safe** [BHB15, FTF17]. **Safety** [SCC11, LJC18]. **Sahalia** [JZ17b]. **Sahalia-type** [JZ17b]. **Salary** [DDGM13]. **Salinity** [RGM15]. **Sample** [AM15, BS12c, BDKM12, BEZ11, BSY12, Bur15, CY14, CG11a, CS12, CB10,

CP14, CM13b, Din15, ET13, EDAAS12, Gue10, Him10, HL13b, HP10, HS12b, IP12, KL10, KPS10, Kha12, Kha13, KNK13, sK12a, Ko14a, Ko14d, Ko15a, Ko16b, KL12, Kum15, Kvå15, LMCH12, LG10, LF10, LL17f, LCZA17a, LCZA17b, LCA17, MS15, MH15, MS11c, NAD15, SG10b, SL14, Tar17, TS12, Tsu14, WWH15a, Xu10, YUSC13, YUSC14a, YLS10, YWH14, YMF15, YA10, Zil11, Ahm17, BOT17, BG19a, BC15, CBSN16, CC16c, CL17b, DDP18, DAS16b, DW18, FGP16, FLL17, Gau17, HN17b, Kar17, KM19b, sK16c, KPZ16, KX18, LPDD18, LTZ19, MN19, Mar16, MS17b, MAA17, MK19, NHN16, OL19a, OH16, PA18, Par17b, PFD19, PP17, Pou17, PK17, PT16, Sha17, SBA17, SR17, SP17b, SPS17, ST18]. **sample** [SW19a, Sze17, Tak14, TWTG14, Wan16c, Wan17a, WYY16, WW17b, WZZ17, Wu17b, XY19, Xu16, YYS+18, Zan17, ZBHW18, ZSJ16]. **sampler** [Van17]. **Samplers** [JB15]. **Samples** [Bak11, GZSS14, LR10a, LQ13, LCP+14, MZ15, NH15a, NGT13, PL12, QL11a, SK15a, SYP13, VB12, WJ11, XYL14, YCL14, ZPZ10, AJ19, BN18a, BKL19, DYL17, EDT18, FA19, GN17, HOK17, Kal17, KAW+18, LQ17a, LB16, WdX17, YYY17]. **Sampling** [AC15, AARN10, AAR11, AS13, AYC+12, BAK13, DM11, DCL12, ET13, ES11a, EF11, Fak15, Fre14, GÖ12, GB15, GS15c, HS13a, HASA10, HD13b, JFS14, Kaw13, KSG13, LCT12, LCLJ14, LC15, Mah12a, MS13, MADSAS10, NN13, NGT13, NAD15, OP11, ÖÇO14, RN13, SAS11, SG10a, SK13a, SRT14, SKK10, SS13c, SMPH15, SMMS15, SS14b, SS15c, Sub14, TC14, TL15a, TS12, VB13, Wys19, XLZ+12, YUSC14b, ZAV14, AO18a, ANJ17, AHH16, ARJF19, ABK17, AO17b, AAJ16, ASeMJ17, AAJ17, BOT17, Bak17, BU17, BAL18b, BJU18, Bal18a, BAA+18, BS16a, BS16b, BAW19, CY17b, COK17, CSB19, Cle18, CLZ19, EW16, EAE18, EDKAEN17, EDT18, FY17a, FF16, FF18, HBMAO16a, HBM16, HBMAO16b, Haq17, HBAJ17, IF18, JRF17, JBA18, JKJ16, JR18b, KSF17, KGH19, KS16b, KAJH18, Koy18]. **sampling** [KZ19, LW18a, LP19, LK17a, LK17d, LK19a, LDL18, LTS16, LTV17, MZ17, MDG19, MB19, MZ18, MSB19a, RM16, MF16, Moh19b, MRA16, MSK17, NNZA16, NNZA18, NS17, NN18, NS18, NSSS17, OOT19, OTA17, Ozg19b, PB17, PT17, Pou17, PT16, PM16b, PT19, PB18, QKCH19, RSC16, SKK18, SAD16, SSS19a, SCYR17, SCYR19, SFSH16, Sen16b, Sen16a, Sen17a, SG17a, SG17b, SG17c, Sha18a, SGA19, SH17b, SP16c, SKM16a, SSS16, SS16c, SM16, SP16b, SS16d, SKM16b, SHM16, SSS17b, SSB17c, SMK17, SKS17, SP17c, SKM17, SK18b, SSS18, SMP18, SSKP18, SSSK18, SG19, SSS19b, SS16g, SS16h, SS16i, TS17e, UB17, WT18, WHZ17, WAJ17, YF17, YCAJ18, ZWZwZ17]. **Santos** [AE23c]. **SARMA** [Ami18]. **satisfaction** [BCB19]. **Satisfying** [Yar14]. **Saturated** [WLL13, PYL17]. **Saunders** [AALS12, CLC+16, CCOB16, KLJP16, LF10, MFFMA17, OMFB17, UM09, ZHZA18]. **SAVE** [Vel14]. **SB** [LMG13]. **SB-Robust** [LMG13]. **SCAD** [HZ18a, WSlT15]. **SCAD-Penalized** [WSlT15]. **Scalar** [CM13b, Sha19]. **Scale** [ADO13, CT14, FGTS12, GR11, JLV13, KT15, KP12a, MR15, Ng12, NY11, Pet10, PT15, ST10, Saj11, SV11, Wan12, WXZ13, WQ14, XFC11, YLS10, Bob19, CR16, DZL18, DL16, GCA18, GKP16, Gun17, HBMAO16a,

Jon16, KK17a, KG18a, LW17a, LW18a, LKK17, LM18b, Mal17, MM17, MA14, MR16a, PDdHNMR17, RSA19, RPM18, SM16, TKP17]. **scaled** [OPK17, OPK18, WL17a]. **Scales** [Mar12, YTX14]. **Scaling** [HT10, GFS16]. **Scan** [CG16, Lin14a, RP12, SA15b, WG14, ZG17b, BT16, Cuc16]. **Scanning** [JB15]. **Scatter** [MCY10, YDC15]. **scenario** [CH19b, LWH19]. **schedule** [JX19]. **scheduled** [CC19]. **scheduling** [Che19a]. **Schematic** [PYL17]. **Scheme** [Kor11, LJ10, LCT12, Sag15, SKK10, SZ13, AAK17, BIJ17, CK19, GFM17, GP16b, KSF17, MK19, MRA16, SG17b, SSR19, UK16, WL17a, ZWZwZ17]. **Schemes** [AAR11, CR14, Sub14, HBM16, KS16b, SAD16, Sha19, Udo18, vZvdM19]. **Schnabel** [GG13]. **Schur** [Yar14]. **Schwarz** [GL10b, Sha10b]. **Sciences** [MA11, Mar16]. **Scientific** [Che10a]. **Scope** [Zhu10]. **Score** [Bea15, CHH15, DZ15, Fab16, KS15a, sK11, KSBM14b, KSBM14a, Lan14, LF10, MO10, NN11a, SK12d, YHA10a, BH17a, GGtH$^+$19, LCW$^+$18, WER$^+$19]. **Score-Based** [KS15a]. **Scores** [KAD14, OFS13, ZZ19a]. **scoring** [LMdO18, Zen17a, ZZ19a]. **scrambled** [ASG17, KGH19, PT19, SG17e, SSKP18]. **Scrambling** [GMSD13, HAZ16, SG17g, ST17a]. **Screened** [Kim12, jK15]. **Screening** [BAK13, GAK14, SNN12, Sty10, Web11, EIM18, She17, SLSC18]. **Search** [SP17c, TE11, LZ18, SSS17b]. **Searching** [Cha14, PM16b, TE11]. **Seasonal** [dBCR15, KCS12, LS09, SA15a]. **Second** [AAG12a, Aka10, AHKO16, AO17a, ADWR11, BBC13, CZ15b, DPA10, DPP15a, GMRN13, GD12, Han15, HM15, ITG09, Kak10, Kak12, Kát11a, MH16a, NC14, PP10, SCSMN11, Tak10b, TOT15, WL11, Yan15, ZLD11, CMN$^+$18, CS17, CLW17, CLL17, DPP17, GMR16, HYS17, KT17a, KD16a, LMH17, NE17, YSC17b]. **Second-Hand** [SCSMN11]. **Second-Limit** [Kát11a]. **Second-Order** [AAG12a, Aka10, ADWR11, BBC13, DPA10, DPP15a, GD12, Han15, ITG09, Kak10, Kak12, NC14, PP10, Tak10b, WL11, ZLD11, AHKO16, AO17a, CZ15b, HM15, MH16a, Yan15, CMN$^+$18, CS17, DPP17, HYS17, KT17a, LMH17, NE17]. **secondary** [dCA19, Haq17, LW17a]. **Secretary** [KM14b]. **section** [ZL16c]. **sectional** [Mao18]. **Sections** [DDÚF11]. **Secure** [Gup14]. **Security** [SI13]. **See** [SS13a]. **Seemingly** [RAG12, ZSK12, ZKS18]. **Segmentation** [UC14, WLS18]. **Segmented** [VV15]. **Segments** [GS15b]. **Selected** [AMV15, ARB19, KO10a, AN17a, BG19b, IS17, KG17, LWHB16, MAG18, MT16, NP17b]. **Selecting** [AM15, BAW19, BCP17, CHP14, KYS13, KS12b, SJS15, YCL14]. **Selection** [CT13, CT10, CHP14, Con12, DCG13, DLP15, FQZ14, Fu12c, GGLV14, GLP14, GHY11, HS12b, KJL11, Kim11, Kim15, KH16, KS12c, MJ15, MT12, NMJY15, OFS13, QNP12, RZ13, Say14, SA12, SJS15, ST13, SW14c, SK10b, Tak10a, Tra11, cTtL14, WS11, WLC11, WL15, Woj11, YX15, AXLJ17, AO18b, BCP17, CH18, CA18, DYXW19, DE17a, DE17b, DGMC17, EMH16, EM18, GYL17, HSW17, HZ18b, HJT19, KKS19, Kar17, KDG$^+$18, KH18, LPDD19, LPHC18, LS17e, MST19, NS19, OH16, OE16, PS18, Rej16, SI17,

Tak18, WX17, WYY19, WXZ18, Xia17a, XQS19, YS19, YLG16a, YLG16b, YL18b, YWLW18, ZCHR19, ZZ19b, ZX18, ZZ18d, ZP17, ZGK17, ZL16f]. **Selections** [FM11]. **Selective** [MS10b, Mat11, ADKZ16]. **Selector** [WSC13, BAKZ18, Ten17]. **Self** [Gar12, MR15, MSP12, hCXxShY18, GR18b, Kal17, LPH16, LTC17, Mal17, WWWX19, Wu17c, Yu19, Zha16b, ZCC16]. **Self-Exciting** [MSP12, WWWX19]. **self-intersection** [Yu19]. **self-normalized** [hCXxShY18, Kal17, LPH16, Wu17c, Zha16b]. **self-normalizing** [GR18b]. **self-overlapping** [ZCC16]. **Self-Similar** [MR15, Mal17]. **self-similarity** [LTC17]. **Self-Weighting** [Gar12]. **Semantic** [ZLDT14]. **Semi** [AKK09, AK14c, BG11c, CJ15, DDGM13, DGM13, DMS14, DT12, GL15a, Hu14a, Hu14b, Hua17b, HJT19, KK11a, KR14, LMR13, Lim11, Muk10, Pap13, PV14, SMS14, UU11, Vas13, VLTP14, WCZP16, ZL12, ZZLL15, BG16a, CO16a, DPP17, Geo17, KKKÖ17, KD16c, OE16, XHL18a, Yeh17, ZSS18, ZZL19]. **semi-** [Yeh17]. **Semi-folding** [CJ15]. **semi-functional** [ZZL19]. **Semi-Markov** [DDGM13, DGM13, DMS14, DT12, GL15a, Lim11, PV14, SMS14, UU11, Vas13, VLTP14, WCZP16, DPP17, Geo17, KD16c]. **Semi-Markovian** [AKK09, AK14c, KKKÖ17]. **Semi-Metric** [LMR13]. **Semi-non** [Hua17b]. **Semi-Nonparametric** [BG11c]. **Semi-Parametric** [KR14, ZL12, Hu14b, BG16a, CO16a, OE16, XHL18a]. **Semi-Sequential** [Muk10]. **Semi-Supervised** [KK11a]. **Semi-varying** [Hu14a, HJT19, ZSS18]. **semicontinuous** [DR17, SGKB17]. **semidefinite** [DLZ17]. **Semilinear** [Fan15]. **Semimartingales** [LCLJ14, YLW17]. **Semiparametric** [dCA19, BJC16, CTW10, CTT15, CW15a, Den13, DLP15, FH13a, GSY10, HZL16, HJY18, LW13a, LWZ18, Nar13, RAG12, She10b, SS12d, SZD12, WK12, WW15b, WL15, YLS10, YX15, YDL14, ZBTL17, ZZ18c, ZT18, ZX10, ZZ10, ZXF17, CW16, DCZL17, DR17, HZ18b, LLWK18, WXZ16, WL17d, XQS19, XLS19, XKW19, ZCHR19, ZL16c]. **Semivarying** [Hu11a, Hu14b]. **Semivarying-coefficient** [Hu14b]. **Sense** [AB14]. **Sensing** [MN15]. **Sensitive** [AS13, GSSCR12, SK15b, TWTG14, ASS18, BSH17, GK19a, HAZ16, LHS19, MA18, PT19, Sen17b, SG17e, ST17b, SSKP18, SSSK18, SSS19b, SSS17c, TS17b, TS17c, YSS19]. **Sensitivity** [Ban13, Chi09, Chi12a, KHM12, RS10, WQ14, Zha14, ZT13, FKR16, HAZ16, LPDD18, LPDD19, LWWR18, MA18, RSA19]. **Sensor** [Gup14]. **Separable** [GS13, GS15a, LR14]. **Separate** [ÖÇO14, LTV17, SE17]. **Sequence** [EWRZ14, Guo14, LPLW13, WLHW14, YWH14, BNZ17, hCXxShY18, CZM17, DPZ17, HV17, LQHZ18, LD18b, LQW19, WWW17, zWDD19, ZQQY17, ZL16g]. **Sequences** [ASAK10, BR11, GM14, HW15, HWW15, LWY10, MP15, MZ14, Pap13, RM10, dXcY12, XY14, BVJV17, DWX17, Kon16, Kon19, LO17, LQYZ17, MR16a, NHV17, SJY17, TWZ16, WG16b, Wu17c, XY19, YZG17, Zha16b, ZMMX17]. **Sequential** [AW10, BD19, CS11, Koi10, Muk10, QTD15, RSV11, SCC12, SB11, WXPL13, ZW19a, Zha13, ZZL12, Fon17, HD17, Kar17, Kha16, LA17, Liu17b, Liu17c, LL19c, MLD17, RS16, Wu16d]. **Serial**

[KCS12, LWHW11, LLHZ16, LTGK17a, LTGK17b]. **serially** [Hay17, LMC18]. **Series** [AP12, AT09, AMH14, Bin14, BR11, CZ15c, Dok12, Don11, El 15, hFmH14, Fu12c, GS15b, Igl13, JA10, Kha11, KRT11, KR15, LM13, LCG12, LYH11, LWZ13, LSC12, ML12, MO10, Mur13, Nas12, OCIS12, PS11, Pop12, SP11a, SSON11, TB15, TT11, TT17, UC14, WS12a, WH15b, WW15b, WILL13, YLL19, ZA14, ZK15a, ZZL12, Ahm16, BNB17, BNB19, BD16b, BB17a, BBS16, CNL19, CZZZ18, CH17, CTAL17, FLB16, FY17b, GS17, Gho17, GRSN18, GLY17, GICRR17, HA16b, HN17a, Ili16, JT16, JZZZ18, JM16, JKS18, KAS17, KAPA19, KAT18, LA17, LW17b, LL19a, LS17d, MHA19, MST19, MSL17, MAA17, Mur16a, NORV19, NRI17, NIN17, PB18, Raj18, RSG17, RS19, RN17, SAD19, SG16d, SK16b, STD18, Tri17, XZA18, YL18a, ZT18, cZzXgL18]. **series/parallel** [CZZZ18]. **server** [AS19, BL19, TSOT19]. **Service** [GMRN13, Kem11, GMR16, KC19a, KC19b, KY16]. **services** [ZG19a]. **Set** [AARN10, Bak11, DCL12, DDM10, DD13, Fre14, GÖ12, HASA10, LCP$^+$14, MN13b, MADSAS10, PL12, SAS11, SF12a, VB12, VB13, ZAV14, Bic17, CLZ19, EDKAEN17, EDT18, FF16, FF18, HBMAO16a, HBM16, HBMAO16b, Haq17, Koy18, LB16, MZ18, RM16, PT17, PT16, SM16]. **Set-Up** [DD13]. **Sets** [AA11b, Bic12, OFS13, TN13, Tor12, AGS18, Bic17, Kam19, YXZ17]. **setting** [Ben19, KP19, LLZ17, RG19]. **Setup** [Bis12, BDM13, DP13a, EI11, RR14, BL19]. **Setups** [RR13]. **Seven** [HH15]. **Several** [AJA14, GGS13, HS12b, LWWH14, MFSAS10, PT15, SASMF13, ST10, SKG12, Wan13d, Yam18a, Ahm17, ESAKK18, Gun17, LW17c, PK19, PT16, SKG18, Sin16, SHM16, SP16d, SSS18, Sou17, TKJ17, ZCCW18]. **severity** [Gol16]. **Shannon** [HYS18, MT14, SY16]. **Shape** [BNS11, CZ15a, KS10a, Bay16, KT17a, Kam19, MC17, Roz18, TPJ18]. **Shaped** [SSH10, AE17c, JC18, Kam19, MKSS17, NSR17, SK15a]. **shapes** [JD16]. **Shapiro** [Fly10]. **Shared** [HS15a, HS15b, HD15, HP17a, HB17b, HP17b, PBL19, HP16, HB16, HB17a]. **sharing** [SNN16, ZB17]. **Sharp** [KR17, Muk11, Ryc11, SASMF13, ZB12b]. **Sharpe** [ZVG19]. **sharpening** [HJW19, KN17a]. **Sheet** [Dai15, SSC18, XML16]. **Shewhart** [Bi15, HCS10, KHC14, Mah12a, Mah17, RC16, ZG19b]. **Shewhart-Type** [HCS10, KHC14, ZG19b]. **Shift** [SK10b, BRZR16, ZT17]. **Shifted** [Nas12]. **shifts** [WH16b]. **Shiu** [GH19, WL17b]. **Shock** [CR13, YWLY11, BMLY19, PMW17, PMKF17, RMM17, SMSF19, TE18a]. **Shocks** [CF12, SCC10, WZT15]. **Short** [BQDH12, FZ10c, LJ12, Web12, ZB12b, CCCT16, Gra17, Hay17]. **Short-Cut** [ZB12b]. **Short-Run** [BQDH12]. **Short-Tailed** [FZ10c, LJ12]. **short-term** [CCCT16]. **Shortest** [QK17, KQ17]. **shortfall** [NCA17, YZ17a]. **Shot** [Muk10, CS19c, GDW18]. **shot-noise** [GDW18]. **Shrinkage** [AKTS13, CK10, CM19, HWH18, HA14, HL13b, Jun17, NH15b, NAML16, Noo16, RA16, CS19a, Che16a, FM16, NO18, Qom17, XN19]. **Shrunken**

[SF12a]. **Shuffle** [ZYH18]. **shuffling** [RZHC16]. **Sided** [Chv13, DW13, GAK14, GN15, Ko14d, KG15, PHW11, SE13, WXPL13, Yen12, AS18, AHKO16, ÇG18, CCZ15, CM16c, CFA17, Gen19, GG16b, GW15b, LWG18b, RC16, Tak14, Wu16d, YCAJ18, YW17b, Zha14, ZSJ16, ZK15b]. **Sides** [Abd15]. **Sieve** [JP13, Kom17]. **Sigma** [Rav19]. **Sigmoid** [YSD+16]. **Sigmoid-like** [YSD+16]. **Sign** [HCS10, KS10b, KHC14, LB16, HK19b, Lu18, PS17b]. **Signal** [Afs13, BH12, GGL14, MCY11, TN15, ABK17]. **signal-to-noise** [ABK17]. **signaling** [WH16b]. **Signals** [FM10a, PYB+15]. **signature** [Moh19a]. **Signatures** [FY17b, EW16]. **Signed** [KG14b, KN17b, Say14, ZWZ12, BCK17, Che18]. **Signed-rank** [KN17b, Che18]. **Significance** [BG11b, DPS11, DPS12, Xu13, AdBPdBP18, Xu17a]. **significant** [Hot16]. **Silva** [AE23b]. **Similar** [Jor13, MR15, VN18, Mal17, SKK16]. **Similarity** [DI10, DL16, LTC17, NKG16]. **Simple** [AC15, AMH14, Bar17b, Bas14, CHH15, Chi11, ES14, HS13a, HYK15b, KXX11, MYM11, NKS15, Oll17, Par13b, PDS09, SG10a, SN14, SÖ12, Wan10a, Wit14, Yan12, BER16a, Gra17, HBM16, KD16c, LWWW16, LH17c, LS17c, MSK17, Nav16, PY16a, aSaCN18, SNAN17, SG17a, SG17b, SN18, VSN16, WYY19, ZW17c]. **Simplicial** [EPGTH15, KRT13]. **Simulation** [Afs13, Cah12, CR14, Hua14b, RM15, SS10b, SNN12, TN16, BOT17, HA18, OOT19, VPMV16, Zha17c]. **Simulation/Regression** [CR14]. **Simultaneous** [AKL15, ASS18, Chv13, HKNL15, KG14a, KJL11, LARS19, NC19b, PS17a, PGF09, Rub10, SKG18, SLSY14, SG16e, WLC17, Lin16, ML19, Sou17, Tu17, UK16]. **simultaneously** [Par17a]. **Singh** [Wan13d]. **Single** [AGR15, BZAZ15, CM13a, Hua11, Hua12, JFS14, JZQ15, KMC10, KMM12, LW15, LLY14, LWHW11, LWH12, LC15, TKW12, WHZ17, Wil09, Yar11, YHC14, AS19, BKL19, CK17b, CA18, DLC16, FTT16, HA18, HWZ19, HZL16, HZ19, LLHZ16, LY16a, LZZL17, LL18b, NA17, RSC16, SK16a, XHL18b, YLG16a, YCH17, YCZ17, YF17, ZF17, ZXF17]. **single-** [RSC16]. **Single-Index** [Hua11, Hua12, LW15, LWHW11, LWH12, JZQ15, YHC14, CA18, FTT16, HA18, HZL16, HZ19, LLHZ16, LY16a, LZZL17, LL18b, XHL18b, YLG16a, YCH17, YCZ17, ZF17, ZXF17]. **Single-stage** [WHZ17]. **single-unit** [DLC16]. **Singly** [Pao10, YSHL11]. **Singular** [AJN15, Kur10, LX10a, LY10, YW11a, AJT16, ARB19, AN17c, Bud16, DKY16b]. **singular-generalized-hyperbolic** [ARB19]. **Singularities** [Aoy10]. **Sinh** [Coo13, LVBS10]. **Sinh-Normal** [LVBS10]. **Sinks** [LH14b]. **sinuous** [TS16]. **SIR** [EKZ16]. **SIS** [FP17a]. **Situations** [BDKM12, CSB19, SK18b]. **six** [ZXSZ18, Rav19]. **Size** [ET13, Him10, Hua10, Hug09, HS12b, IP12, JFS14, sK12a, Ko14a, Ko14d, Ko15a, LMCH12, LZH15, MH15, NAD15, TIA11, TS12, Vas14a, YMF15, YA10, ZB12a, Ahm16, BAL18b, Bal18a, BM17, CBSN16, CC16c, FS17, FL18b, GWZ17, HN17b, IBA18, JR18b, KNC18, Kar17, sK16c, Ko16b, LTZ19, LL17f, LCZA17a, LCZA17b, LCA17, Moh19b, OL19a, Pou17, Ric17, Roo18,

SMN18, SSSK18, SSS19b, ST18, Tar17, TK17b, Vas16, Wan17c, Xio16]. **Size-Biased** [ET13, Ahm16]. **Size-Dependent** [YMF15, FS17, GWZ17]. **Sizes** [Ano13b, AM15, BS12a, CS12, MS10d, PV14, ASR+19, JKD17, LSY17, LMC18, LWG18b, OMB17, RRRA18, SBA17, ZSJ16]. **Skeleton** [YM18]. **Skellam** [AA17b, BCK15]. **Skew** [AAM14, AVCG10, AVCL13, AGVB10, BG11a, BBB10, Cah15, Can15, GCSB10, KSK15, KA15, Kur10, LSSS14, MM13, MH11, NAA13, PK11, Raz14, RMN16, SD14, VLD15, ZK13a, AM17b, AGS18, ATO19, AJT16, AEN16, BK17a, dSBCO18, DA17b, HL16, HEB16, HLP17, HST19, Hut19, KK17a, KKS18, LAF17, MN17, MFPG16, NY16, OHKK17, RGV16, RN17, Sab19, SSB17a, TN16, TWG18, Yil16, ZKW16, AT17]. **Skew-** [SD14, HLP17, HST19]. **skew-bimodal** [dSBCO18]. **Skew-Curved-Symmetric** [GCSB10]. **Skew-Generalized** [NAA13, OHKK17]. **Skew-Normal** [AVCL13, KSK15, MM13, Can15, Raz14, VLD15, AM17b, AJT16, KK17a, KKS18, TN16]. **Skew-Normal-Cauchy** [AGVB10]. **Skew-Probit** [BBB10]. **Skew-Slash** [ZK13a, RGV16]. **Skew-Symmetric** [Cah15, Kur10, AGS18, HEB16]. **Skewed** [LVBS10, Pun13, The19, Cos18, GP16a, SG18a, Shu19, WH16a]. **skewed-normal** [SG18a]. **Skewness** [KM15, MBS+19, RPJ15, SSS14b, Zoi09, DYL17, LTZ19, NHN16]. **skewnesses** [MNM19]. **SkSP** [BAA+18, HBAJ17]. **SkSP-R** [HBAJ17, BAA+18]. **Skull** [SU11]. **Slash** [Gui15, OPSGB12, Pun13, ZK13a, MAAI17, RGV16, RGBG19, TWG18]. **slash-elliptical** [RGBG19]. **Slashed** [AGB17, IVVG17, IR19, ICBG18]. **slashed-Rayleigh** [ICBG18]. **Sliced** [CKLS11, CL15a, KLS10, CGC17]. **sliding** [TK17b]. **slight** [ZW17a]. **SLLN** [Ko17b, Yan19]. **Slope** [DPA10, DPP15a, KP12b]. **Slope-Rotatability** [KP12b]. **Slope-Rotatable** [DPA10, DPP15a]. **Small** [CS18, Kor11, LF10, Muk10, NNvRS17, PA18, PC12, PMC13, Rab13, Ryc11, TD14, Wee12, Zil11, DDP18, FP17b, LTZ19, MN19, NVS19, SYW16, SJY17, UK16, Wu17b, Yam17b]. **Small-Sample** [LF10, DDP18]. **Smallest** [Sch12, Bob19, BCP17]. **Smirnov** [BP18a]. **Smooth** [BCG11, DTO11, WH14, BKR19, Hua17b, ÖGGB16, WL19]. **Smoothed** [LCZ16, Zho17]. **smoother** [YJ19]. **Smoothing** [AP12, Bos15, Bru10, FHZ12, GS15b, Jeo12, LX11, Pie11, CH18, FJS+18, LQ19, Nas18]. **Smoothness** [Yu19, GICRR17, NE17]. **Sobol** [LWWR18]. **soccer** [GDDC19]. **Social** [MA11, FKNR17, FK19, HCW18, Mar16, SSM16, TSG19]. **society** [CLMW19]. **Soft** [VRC12]. **software** [KAR16]. **Sojourn** [XZD10]. **solar** [El 19]. **Solution** [AG11, Bon14, CDZ14, GCR12, MS11b, ZS12, ZB12b, Bur19, GR18a, RG16, VSN16]. **Solutions** [Gia14, NY11, ZZ15, LYX18]. **solve** [MDR17]. **Solving** [NAMD14, UC14, VSS12]. **Some** [AA19, AB15, AK14a, APM10, ADP10, AA17b, AASR12, AABL17, AJT16, AG17, BZAZ15, BNB18, BSCS11, BAT+18, Bea15, BCL16, BCDLA12, Cah15, CNL19, CC10a, CF19, Cha10, CC16b, CH18, CdSBB15, DAS16b, DSA16, DO13, Dji10, EZ14, FJ11, FM11,

FWH+15, GS13, Gra12, GY13, Gue14, GN12, Had17, HT13, Hud14, IRAB13, KLMD16, KHY18, KS16b, KRT11, KA15, KN10, KP18b, LWWH14, LLP10, Lem14, LLV10, LL17b, Lu14, LS15b, Lu15, Lu16b, MKS15, MC14, MV14, MS15, MC11, MWM13, MLGZ14, Muk11, NSV12, NSR17, NSL14, NM18, OQC17, Pap13, Pes15, PSP12, PT15, RAST18, RAAJ17, RAZ19, RCC12, SYC19, ST16a, Sch17, SBR14, SG10b, SC19, SG17d, SK10a, SS13e, SMMS15, SP16b, SMK17, SKS17, SSKP18, ŠS12c, SS15c, SS12e, SI19, TN10, Tav16]. **Some** [Tch19, TN13, Vin13, Voi10, WZ15, Wan17f, WCW17, Wei14, YHA10b, YW11b, YWH17, YL15, YL16, ZL14a, ZZ18e, ZC11, dAdLA18, BBG18, BMR17, BG16b, EdSMR14, HS19, HN16, HST19, HS18a, Jas19, KN18a, KG18b, KA18, MSK18, MC18, MP17, NCA16, NHAMG17, Rao18, SHANA18, UU17, VZ19, WHV16, Wu16c, ZF18, ZLYZ17, fZWD19]. **Source** [Dra13, Yar11, Vas16]. **Sources** [New11b, WBH10, PS17a]. **Space** [FP12, FN09, Ham12, LMR13, Mah12b, Par15a, TB15, Vas14b, Yeh15, Aga17a, CW19c, FAT17, Haj19, Rao17a]. **Space-Time** [TB15]. **spaces** [Ko18, STD18]. **Spacings** [AV15b, HV11, PT15, ST10]. **Spanish** [GDDC19]. **Spanned** [KQ11]. **Spanos** [Hod14]. **Spare** [CC10b]. **Sparre** [HJ14]. **Sparse** [AXLJ17, GBC12, MX15, YJSL19, PP17, WX19, XM17b, YA17]. **Sparsistent** [ZL16d]. **sparsity** [HTW17]. **Spatial** [AA17c, BRAS17, Cey11, Con12, CGL13, GSB12, GS13, GS15a, Gho15, HCW18, LIPMF13, PMC10, RGM15, RL12, SA15b, YDC15, ABES18, BPS16a, BT16, CS18, Con16, DA16, Far17a, FMPF16, JDSS16, LX19, PF19, SN17, Sab19, SA19a, SL18, XHL18a, Zha17e]. **Spatial-Temporal** [PMC10, AA17c]. **spatially** [Zha17e]. **Spatio** [DC10a]. **Spatio-Temporal** [DC10a]. **Spatiotemporal** [WW13a, WLW15, CY16]. **SPC** [HC12]. **Special** [Edi10b, KM15, MSD19, BG19a, Van17, VFP17b]. **Specific** [BBP14, Ko14a, He18, TK19, VV17]. **Specification** [CC15b, MN10, Yu12, CC16b, GR18b, LR19, Tch19]. **specificity** [LPDD18, LPDD19]. **Specified** [BCH12, BCS10, SCMR15, KS17, Mer16, YWZ18, Zha17e]. **spectra** [DBC16]. **Spectral** [HP10, BP18b, FM16, MHA19, WYY16, Xie16]. **Spectrum** [MR15]. **Speed** [QZY12, VFP17b]. **Sphere** [Sei13]. **Spherical** [KRT13, RP10, OPK18]. **Spherically** [KQ11, XY13, DE17b]. **Sphericity** [CM13b, Ahm17]. **Spiked** [Din15]. **Spillover** [Otr15]. **spirit** [HN16]. **Splice** [NN16a]. **Spline** [Bru10, Jeo12, LX11, CH18, FJS+18, HNB17, JHM19, LWD+18]. **Splines** [DM10, Li12a, KN17b, ZDS16]. **Split** [KMM12, WYZ15, LWWW16]. **Split-Plot** [KMM12, WYZ15, LWWW16]. **Spot** [ST13]. **Spread** [ZLD11]. **spreadsheet** [Cox19]. **Spring** [CG14a, Gra12]. **SPSS** [SLL17]. **Spurious** [VS10, WH15b, VSN16]. **Square** [FH13b, Gar10, HK11, Kha11, Oga15, SHH13, MD17a, RFM18]. **Squared** [BLN13, Fel10, GSA14, Mah12b, MS10b, Nad10, NVS19, CS19a, CN17b, KA18, LTCQ17, MAG18, Voi15, VPMV16]. **Squared-Log** [Mah12b]. **Squares** [AG11, CKD14, FP12, Hua14a, LHHC14, MA11, PYB+15, QZY11,

Rah12, TB13, WH15a, ZLZ15, AJ18b, CCZR17, LSL16, Nie17, OU16, OOT19, PCL16, SG18b, Spe17, Ten17, Yam18a, YWH17, ZWPB17, vZ17]. **SR** [Wu19]. **SR-CUSUM** [Wu19]. **Stability** [ARA16, AR13, RR13, BPS16a, LDS18, UZ19]. **Stabilizing** [NK15, GS19]. **Stable** [BH12, RP15, SU14, WST10, dSE11, Arv18, CFK17, DL16, GWK19, HB17a, Ike17, KG14b, SW19a, TN17, TMZZ19, Uya17, Van16, YSC17b]. **Stage** [AYC+12, IUT12, KC12, LMCH12, NN11b, Tak10a, UU11, BS16c, BS19, Bib16, CSY19, Haq17, IF18, Kus18, LHS19, LJC18, LL19c, MSB19a, MLD17, PNPB19, SSS19a, ST16g, ST17b, SSSK18, TK17a, WHZ17, YL17, Ye19]. **Stages** [CT13]. **Staggered** [WK13]. **Standard** [BDM15, Liu11c, MB17a, MSW13, NN15, PJ10, Pao10, YA13, ÇG18, DZH+19, FPPRG16, GCW19, Tar17, Yad16]. **Standardization** [WZ15]. **standardized** [CJ17]. **Standby** [BC12a, LWZ13, WZT15, CZZZ18, Ery16a, FK16, HN17a, LCWG16, MSR17, VM17, Wan16e, YVCA17, YYLM18, ZW17b]. **Star** [NC14, Sub14, SSH10, JD16, Kam19]. **Star-Shaped** [SSH10, Kam19]. **Star-Type** [Sub14]. **Start** [Sco11, NNZA16]. **Start-Up** [Sco11]. **starting** [LL19a, ZG17a]. **State** [DSC+14, EI11, Ham12, KS14b, PV14, SY17a, SDC+12, SS14a, Vas14a, Vas14b, ZHL15, BAL18b, DPP17, Haj19, HZ17a, KS19, LH14b, LAW+19, SJY17, SS16f, Tat16, Vas16, YCAJ18, ZWZwZ17]. **State-Space** [Ham12]. **Stated** [BSB12]. **states** [CK19, QJKC17, ZCC16]. **Stationary** [CG11b, CLX14, GL15a, HJ14, HW15, Hug09, Mas15, MS14c, MM11a, NH15b, PBC17, XY09, zXyL13, ZWPZ15, BNZ17, BD17a, BD17b, hCXxShY18, Dvo17, FL18b, FL19, KT18, LGY17, LL17d, PC16a, PLC17, Rah16, Raj18, SN17, Wan19b, Wu17d, ZCC16]. **Stationary-ergodicity** [ZWPZ15]. **Statistic** [BDS11, BREA11, CM13b, Deb12, Fly10, GC12, KS10b, Lan14, LLP10, LL11, Li14b, MCY14, RAB15, RP12, SNN12, XHL18b, Xu10, Yam12, ZLD11, AAJ16, BT16, BAW19, Che18, Cuc16, FLY16, KAJH18, Lie16, RK16, TN19, Wan17e, WZX17, WT18]. **Statistical** [Ani11, ASNT15, AAK17, BSL+19, BG11b, CSY19, CC11, Edi10b, FH12, HA17, HZ19, KAS17, Ko15b, LH17a, Liu17a, NKS15, NNI15, PBY+14, PYB+15, PF19, Qiu17, Roz18, SD14, SA10, SU13, Sti17, WL14, Wei12, WJH15, WSS17, XFWC19, ZSS18, ZS15, ZS10, ZCC16, AABL17, BS17, BK17b, CMS17, FKNR17, FCSH16, HME17, KSF17, KM19a, LK19a, MCGMS17, Nen18, PMKF17, PMFK18, RMM17, SKK18, Sel17b, SF16, SSSM16, Spa19, ZMMX17, ZZ17a]. **statistically** [SFSH16]. **Statistician** [Mon12]. **Statistics** [AA10, AB14, AH13, Ano23, AE23a, AE23b, AE23c, AE23d, BTK10, BS12b, BZAZ15, Bar10, BB14b, (Ba14, BC12c, Bur09, CNC14, CM12, Cra14, EB12, EDAAS12, FZ10b, Fu11a, Fu11b, Fu12a, Fu12b, GD12, GK13, HLX14, HWW15, Hui10, JP13, Jor13, KO10a, KJS19, KT15, LWL13, Lin14a, Mae10, MBS17, MCX10, MA14, Mül12, PS12, PJ14, RA11, Ryc14a, Ryc14b, Sei13, SDJ15, Shi10, SG17d, SA15b, SAC13, Ste11, SM14, TB12, TV11, TCN15, VT15, Voi10, WZ10, WG14, XZNL15, AMP17, AEHQ17, ARB19, AL16,

AMP18, Are16, BNZ17, BEY18, BD19, Bar17c, BAR16, CS16a, ÇG18, CW19a, CG16, CZ19c, CCM19, CH19b, CCMA18, DYL17, EE14, Ery16b, GF17, Gor17, GR18a, HD17, HN17b, JPAB17, Kay16, KI19, KR17, KDN17, Len17, LWH19]. **statistics** [MSD19, Moh19a, NA17, Par17b, Rez17, RKMG19, RJN16, aSaCN18, Sch16, SBA17, TN16, VT17, VZ19, WDLZ16, Xie16, YMF15, ZWZ17, ZG17b]. **Statistics-Theory** [AE23a, KJS19]. **Status** [RPY+13, She12b, ZTZ+13, FDL17, NRN+17, SSD19]. **steadiness** [KDGV16]. **Steady** [KS14b]. **Steady-State** [KS14b]. **steepest** [Kia17]. **stein** [CW18, DY18, FRC16, JN19, KNC18, KU17, LY16c, MT19, Tee10, TN13, TCN15, ÜY13, WZL10, XY12, XY13, Zha17d, ZTSL15]. **Stein-Rule** [ÜY13]. **stein-type** [CW18, XY12, XY13, DY18, LY16c]. **Step** [BP15a, Bas14, GB12, HN14, LvR12, TGXX12, Tsu14, WXPS12, XF12, Bel17, GH19, Hot16, HSSP16, Lin19, LS17c, LSCW17, SA16, SS16d]. **Step-Stress** [Bas14, WXPS12, XF12, HN14, TGXX12, Bel17, LS17c, LSCW17]. **Stepanov** [LYX18]. **Stepanov-like** [LYX18]. **Stepwise** [FBS10]. **Stereological** [Zie13]. **Stieltjes** [MH16a, SA17c]. **Stirling** [BM10]. **Stochastic** [AB11a, AK14b, AJ19, AJN15, BAT11, BC12c, Bia15, BCCH14, BPSV14, CC10a, Cha14, CY14, CL10b, CVL19, DB15, DMST12, Fan15, FLB16, FP17a, zF16, GGLV14, GV11, GW15a, GJM14, HW14, HQW15, JLV13, KT15, LLD17, LL19a, Lin14b, LWR11, Lu13a, MFS12, MS11b, MM11a, NN11b, PW11, PMC10, QWZ14, RSA13, Ric13, RCdC14, SN12, SW14c, SL16, Udo18, Wan17g, Web12, WY13, XWJ10, XGZ15, YC12, YW11a, YC11a, YY14, YTX14, ZZ15, ZB17, ZXD10, dSE11, AD17b, Ali17, AD16, AW16, BTC16, BBHN18, Bia17, CMN+18, Car17, DMM16, DLH+18, FSSW17, FRC16, JXW17, KD17a, Kaç19, KAT18, KDGV16, KT18, LRZ17, LDS18, Li18, LYX18, LL17e, LW18b, MDR17, MSD19, MN18, OD19, Rah18, RG16, SYC19, SW19b, SY17d, SLZ18, UZ19, Wan17f, zWDD19, WZJH19, WA17, XDW19, Xue17]. **stochastic** [ZLD16, ZG17a]. **Stochastic-Flow** [CL10b]. **Stochastically** [ZLD15, LSL16, Ren16]. **stock** [HHC+17, RBK+19]. **stocks** [MC19]. **Stopped** [AAE13]. **Stopped-Sum** [AAE13]. **Stopping** [MR17, LJC18]. **storage** [YGWQ17]. **Strata** [GFR12, RMP12]. **Strategies** [JB15, MS10b, CZZZ18, NAML16, Sen17a, TMZ+17]. **Strategy** [Ken11, NN11b, GQC17, LRZ17, Sen16b, SSB17c, SK18b, WWWX19, XZ17, YSS19]. **Stratification** [SV10, TTC17, RK19, Vis18]. **Stratified** [AC15, BA10, BSY12, CKLS11, GS15c, HS13a, MZ18, MS15, NPC17, ÖÇO14, SG10a, SG10b, SS13c, SS14b, TC14, WDZ11, YUSC14b, BB19a, Cle18, KGH19, KJ17, Koy18, LHS19, LTS16, LTV17, MSK17, Nag17, NSSS17, Ozg19b, RK19, SCYR17, SCYR19, SG17a, SG17b, SG17c, Sha18a, SGA19, SH17b, ST16g, SG19, SS16h, TS16, TS17a, TS17c, TS17d]. **Stratifying** [SAS11]. **stratum** [FZS19]. **Stream** [WCL11, TK17b]. **Strength** [AMGK13, AMGK15, EI11, NRW15, RAK15, SK15a, BBA16, CK19, DMA17, MIG17, QJKC17, RAA17, Sha18c]. **Stress**

[AMGK13, AMGK15, Bas14, EI11, hFmH14, MIG17, NRW15, QJKC17, RAK15, SK15a, WXPS12, XF12, BBA16, Bel17, CBSN16, CK19, DMA17, DW19, HN14, LS17c, LSCW17, RAA17, Sha18c, TGXX12, XK18, ZS15]. **Stress-Strength** [AMGK13, AMGK15, EI11, NRW15, RAK15, SK15a, MIG17, QJKC17, BBA16, CK19, DMA17, RAA17]. **Strict** [DMP11]. **Strictly** [XY09, ZZ18b]. **strings** [ZXSZ18]. **Strong** [AR14, BZH19, Bin17, BEZ11, BZ13, CS15a, CHZ17, CL17a, Che17b, FR10, GFA10, HH13, HWW15, Ko13, KB14, LPLW13, LMR15, SY11, SB16a, SY17c, Ste15, Sun13, Sun15, WJ11, dXcY12, XY14, XYL14, YWS14, YYY17, YYS$^+$18, ZL12, CZW16, Dan18, DWX17, GHSZ19, LX17, LLM16, Lou19, Men19, NHV17, Pen17, SZV16, SXZ17, SY16, TY17, WH17b, WP19, Yan16, YYW17, YWH17, Yan17b, Zha17a]. **Strongly** [KB14, TW13, BAT$^+$18, MPG16, RRRA18, Tan18, YWZ18]. **Structural** [AR14, Chi09, Chi12a, EY10, WILL13, XGZ11, AHZ17, BR19, CS16c, CN17a, DPZ17, DTT$^+$16, HS18b, KL17a, ZVG19]. **Structure** [BS12a, BG18, GHY11, GK19b, MBN14, Par13b, RL12, RVP15, SC10, SB12, SMM10, Web12, WW11, Yam12, ZWLI13, ZL14b, GPM18, HA18, MBG19, PY16a, PR17, WHHW17, WHYW18, Xu17b, YVCA17, YSC17a, YX18]. **Structured** [LR14, RL11b, SAvR12, WS12b, SÁHLvR17]. **Structures** [ASB13, ADO13, BBB14, CL15a, Ind11, MP10b, Oga11, RAP13, BKR19, FPCP16, GRSN18, KYW16, LL17a, PPMD19]. **STSD** [LZPJ11]. **Student** [LPS11, Cha18, CW19a, Maz19, CY14, Cos18, SF12b, TP14, ZX16]. **Student-** [CY14]. **studentized** [Çel19, Shi10]. **Studies** [DZ12, sK13b, KCS12, Liu11a, SD12, TWH10, WDZ11, YW15, CMN$^+$18, FTF17, MZ17, PAvS$^+$19]. **Study** [AZN15, BC12a, BNE15, BBP14, DCL12, HT13, HWW15, JCY10, JWZ14, KK11b, KCL$^+$16, MH15, RM15, SA14, WH13, XLZ$^+$12, YC14, YYX14, AG16, CSM16, GQC18, HS17, HST19, KZ19, KN16b, KN18b, OTA17, SSSM16, She17, SSS17a, SPY18, SA17b, SR18, TSOT19, VPMV16, Zha17c]. **stylized** [Ram17]. **Sub** [Ham13, SKK10, CHZ17, FAT17, FWW19, LTC17, WW19, YW18]. **sub-fractional** [LTC17]. **Sub-Independence** [Ham13]. **sub-linear** [CHZ17, FWW19, WW19, YW18]. **Sub-Sampling** [SKK10]. **sub-space** [FAT17]. **subclasses** [AN17a, PW16]. **Subcritical** [Rah12]. **subdistribution** [LXL17]. **Subexponential** [RP15, BSW15, Lou19, ZK16, ZC17a]. **Subexponentiality** [Kon11]. **Subfamily** [Afe13, GKP16]. **Subfractional** [SY14a, SY14b, Dai16]. **Subgroup** [CC15a]. **subgroups** [PS17a]. **Subject** [LK14, LJ13]. **Subjected** [SCC10, VM17]. **Subjective** [SUS19, VBAR15]. **Subjects** [ZWZZ15, Liu17c]. **Sublinear** [ZC14, CF16, CL17a, GHSZ19, HC16a]. **Submodularity** [YS15a]. **subordinated** [FKR16]. **Subordinator** [LPS11, GWK19]. **subpopulation** [Sou17]. **subpopulations** [Sou17, WW17b]. **subsampling** [Kyr17, RSC16]. **Subset** [CHP14, DGMC17, MJ15, BCP17, KC16, NP17b]. **Subspace** [KQ11, YGWQ17]. **Subspaces** [LGV13]. **Subtangent** [RR09, SS12e, SSR19].

**successes** [CW19c]. **Successive** [AS13, Ima17, NN13, SS12a, SMPH15, SMMS15, AHH16, BS16a, CSB19, GR17, PT19, SP16c, SKM16a, SS16c, Sin16, SP16b, SKM16b, SHM16, SSS17b, SSB17c, SMK17, SKS17, SP17c, SKM17, SS18, SK18b, SSS18, SSKP18, SS16i]. **Sufficiency** [Por11]. **Sufficient** [FAS11, SS16e, Tan10b, Zhu10, AP19, BBHN18, BMR17, SA17b]. **Suicide** [XLZ+12]. **Sum** [AMR14, AAE13, Hua14a, QKP12, Rat13, SK12d, Wit14, CJ17, FL17, HS18a, Kha19a, Kha19b, LSZ16, SA17c, WZ16, ZC17a]. **sum-to-zero** [WZ16]. **Summands** [AK14c, ZC17a]. **Summary** [Wei14, RKMG19, WER+19]. **Sums** [AE13, BCH15, CL15c, sDsWcCjK14, GJ15, Guo14, Ko14e, KL11, Li13b, LSX14, SSA10, SWLW14, Sun15, Tee14, WHVH13, WW13c, WLY14b, XM14, ZY13, ZLF14, CKS17, CZW16, DW17, FWW19, Fro17a, FS17, HF19, HSLQ17, HZZ19, Ko16c, Ko17b, LPH16, LSW16, LSL18, MX19, NMAA19, QC16, SAB18, SWZ16, ST16c, SXW17, SHLQ17, Spe17, Tan18, WHV16, WWW17, WHHW17, Wan17f, WHYW18, zWDD19, WV16, WG16b, Wu17c, XDWC18, Yan18, YJS19, YQC17, YC17, YW18, Zha16b, ZK16, ZMMX17, Zha17a]. **Sup** [XW16]. **Sup-Hellinger** [XW16]. **Super** [UC14, CSB19, WL19]. **super-population** [CSB19]. **superadditive** [MWW18]. **Supercritical** [Yar11]. **superefficient** [AESO19]. **Superimposed** [MS10e]. **Superiorities** [CW13]. **Superiority** [RL09, ŠS12c, Wu16c]. **Superpopulation** [AB09, BA10, HX11, SK12b, AB17]. **Supersaturated** [MGP14]. **Superstructure** [CC15b]. **Supervised** [KK11a, LLV10, PR17]. **supplementary** [AGS18]. **Supplemented** [KMM12]. **Supplier** [SW14c]. **Suppliers** [BS14]. **Supply** [JC12, SF16]. **Support** [Koi10, CC16a, SSH17, SA17b]. **Supported** [KOP14, Car17, PTV18]. **Supremacy** [Far12]. **Sure** [BR11, Li13b, XM14, BR17, LPH16, LO17, MGN16, MX19, zWDD19, Wu17c, Wu17d, XML16, Yan18, Zan17, Zha16b]. **Surface** [AAG12a, FHS15, PP10, ZS12, BQC17, CS17]. **Surfaces** [AAG12b, MBN14, UC14]. **surgical** [KOFA18]. **surplus** [Zha17c]. **surplus-lag** [Zha17c]. **Surrogate** [YL10, Roy16, YWLZ17]. **Surrogates** [Ko12]. **Surveillance** [FAS11, SS16e]. **Survey** [ASN12, AZN15, BBP14, DSSL15, Eid12, LB11, She15c, SS15c, AH17a, SSS16, SS16d, LS16b]. **Survey-Weighted** [LB11]. **Surveys** [Arn11, YUSC13, YUSC14a, Zad15, PHH18, Sen16b, Sen17a, SP17b, SPS17]. **Survival** [AB15, Abd15, CZ15a, DPB13, DM10, GMB+13, HD13a, HS15a, HM12, JFS14, Ko10b, sK11, Ko12, sK13b, Ko14a, Ko14b, Ko14c, Ko15b, Ko15a, LSC13, MSSU14, Man11a, MC11, OTA17, PCS18, Ree12, SF16, She10a, SCdSP10, WTB11, ZSS15, AdBPdBP18, BB19a, BT16, BS19, CLZ18, GZ17, GW18, HB16, IKH19, Ko16a, KN16b, LL17c, Liu17c, LL17f, PA18, RASR17, SV17, Sha18b, She17, Tat16, VM17, WXS18, vSK16]. **survivors** [CCOB16]. **Survivorship** [SG10c]. **Suspected** [Kum15]. **Sustainability** [HH13]. **sustained** [VM17]. **SVMs** [Gue10, Gue13]. **SVSSI** [KSF17]. **Swaps** [LD14]. **Swarm** [CYE15, IES+17, KDG+18]. **Swedish**

[LS11, MKS15]. **swine** [KD16a]. **Swiss** [JPAB17]. **Switching** [Gov11, Mah12a, NY11, Pie11, WW10, YTX14, ARA16, AH18b, BU17, BJU18, BG18, Cav17, Che16d, DYW18, FSSW17, FPR17, GDW18, HZ17b, MB19, TMZZ19, XDW19, ZDDH17]. **Symbolic** [DO13]. **Symmetric** [ADP10, AB11b, BL15, Cah15, CEK11, DC14, FZ10c, GCSB10, KG14b, KQ11, Kur10, LJ12, MS10a, PT15, Saj11, Tan13, Wil09, XY13, Yam12, AGS18, BMFS18, DE17b, HEB16, LRC17, Mod17, Roo17, aSaCN18, SN18, Uya17, YX18]. **symmetric-asymmetric** [BMFS18]. **Symmetrical** [VRC13, ZZC13, DAC17]. **Symmetry** [HT13, Li14b, SH11, BBR17, DS17b]. **Synchronizations** [Man11b]. **Synergistic** [PMA11]. **Synergy** [MS14a]. **Synthetic** [BP15a, KS10b, LK17d, MC14, ZSY13, LK17c, LK17b, LK19a, SG17d, WWZC18]. **System** [AALS12, AEH11, BC12a, CSC13, Che14, DZ12, DT12, EI11, hFmH14, Gov11, JC12, Kam14, KJL11, Lin14b, MTM13, QZZN10, Raq10, SCC10, TE18a, Vas14a, WYL12, XZD10, ZW13, BU17, BJU18, BL19, CC19, CZZZ18, Che19a, DP18, DLC16, Ery16a, GXB18, Han17, HWZ19, KAR16, KS18a, Kyr16, LCWG16, MB19, MAA17, MSR17, PBA18, SK16e, TSOT19, VM17, Vas16, WWZC18, WCZP16, WAJ17, YVCA17, YGWQ17, YL18a, YYLM18, You17, ZXM16, ZW17b, ZW17c, ZB17, ZH16]. **Systematic** [CKD14, KSG13, Sub14, CMS17, KS16b, NNZA16, NNZA18]. **Systematically** [TR16a]. **Systemic** [CH19b]. **Systems** [AA14, BHB15, BS14, CGSM10, DCG13, DSC+14, Ery12, JCY10, KS14a, LYH11, LWZ13, MGF14, MS12b, NY11, NRB14, PV14, Rab13, RSA13, SDC+12, Vas13, Vas14b, WZT15, YLL19, Yil12, Zha11, ZM13, ZZL12, ZL15, AHEA18, BBHN18, BNB17, BNB19, CNL19, CVL19, FLB16, FP17a, FK16, FN18, FY17b, HNB19, HN17a, JSWL17, Kom17, KDGV16, KS19, LL19a, NAN17b, NI16, PSF16, PBA17, PKM17, QC19, QCK19, SHB17, SNN16, Sym19, Tav16, Too17, UZ19, Wan16e, Wan18, YL18d].

**t** [DBA18, Sab19]. **t-distribution** [DBA18]. **Tabapua** [GL15b]. **Table** [GN10, SS10b, SS14a, MO18, SMN18, SS16f]. **Tables** [BF10, BSY12, CC14, DBC14, EPGTH15, FZ10a, SS11b, YSR11, Bar17b, LVH19, THV16]. **Tabular** [Jor13]. **Tabulations** [NCA17]. **tackling** [WF17]. **Taguchi** [BDS11, HD13b, PMKF17, PMFK18, TN15]. **TAIEX** [HL18b]. **Tail** [BZ13, DFS10, Fer14, FL17, FZ10c, GJ15, GBD10, GD12, GMP11, GWP19, HC16b, LPN14, MJH19, NY16, RGL12, SF12b, TP14, WLY14b, WW15c, Yan15, dCOSW13, JSZL17, KWM17, LG16b, PY16b, Sta17, WHYW18, ZK16, ZC17a]. **Tailed** [ADO13, BS12a, FZ10c, KL11, LJ12, Wan13a, WLY14b, WW15c, Ali17, DPZ17, FL19, GGDVP16, GCW19, GW15b, KQ17, LCZ16, LQ17b, QL18, Roo17, WHHW17]. **Tailoring** [Zoi09, FPZ16]. **Tails** [HLX14, LSX14, Yar13, DW17, GS17, HSLQ17, LSZ16, QK17, ST16c, SHLQ17, YC17]. **Taking** [Gue10, STD18]. **Tandem** [GMRN13, GMR16]. **tapering** [PCL16]. **target** [GDDC19]. **targeted** [Ko17a]. **Tau** [HL17]. **Taxonomic** [SZL14]. **taxonomy** [KM16b]. **Taylor** [WN17a]. **technique**

[AAE17, AO17b, JSS16, MDG19, ST17a, SL18, SG19]. **Techniques** [Arn11, ASN12, AS15, TWTG14, AO18b, Arn19, HS18a, LPdDTH17, MSD19, SSKP18, Wan17e]. **Technology** [HM12]. **temperature** [Ayk19]. **temperature-related** [Ayk19]. **Tempered** [KUWG19, MRS12, SXZ17]. **tempering** [GSLZ16]. **Temporal** [DC10a, PMC10, ZA14, AA17c]. **temporally** [LW17b]. **Ten** [CDE10]. **Term** [EE14, GT15, LSC13, CCCT16, CE17b, CN17b, CCOB16, DAC17, KYW16, KKKÖ17, MR17, SBLC17, XO19]. **term-by-term** [CN17b]. **Terminal** [ZZS13, ZWZZ15, DDS16, Fan18, HDS16]. **Termination** [KNK13]. **Terms** [CHP14, RR13, Xu12, EQ17, OQ17, Tav16]. **Terry** [Yan16]. **Test** [Aca15, AR14, BF10, BT13, BC13, BAT15, BK09, BEKL13, Cag12, CY14, CM13b, DLL13, DPS11, DPS12, DI10, EE15b, hFmH14, GAK14, GSA14, HH15, Him10, JZQ15, JO10, KK14, KJD+15, sK11, KSBM14a, LJ13, LYX11, LS11, LMM15, Lu10, Lu11, MSS14b, MO10, Mar12, Mar11, MDC16, NO12, PS12, RD10, RJ15, SH11, Say14, Sch12, Sco09, ST13, SS15a, SA15b, SS17c, Sur12, Tsa10, TJ13, VV12, Voi10, WDZ11, WXPS12, WXPL13, WQ14, WK13, WW15c, Wu11, YS12, YXC11, YMF15, YSR11, YK11, ZAV14, Zha15b, AMP17, AASRZE17, AL16, AW16, Arv18, AdBPdBP18, BP18a, BG19a, Bar17c, BB19a, BMRSE17, BDM15, Çel19, Cha18, CW19a, CK17b, CNG17, CQ17, CW19b, CZ19c, CBM14, Coi17, DW18, DO19, DW19, Dvo17, ESAKK18, FZS19, FPM19, FLY16, GG16a, GR18b]. **test** [HD17, Hay17, HOK17, HA17, Hot16, HL17, Hu16, HN17b, JRF17, JZZZ18, Kal19, KKS19, KAT18, KS19, LPC17, LB16, LVH19, LMM18, LWZ17, Mao17, MS17b, Mer16, MF16, MGG+17, Nou17, Par17b, PFD19, RPH17, SDS17, Sen18a, SI17, SE17, Sou17, Tat16, TS17f, VV17, WH17a, Wu16d, XX17, XO19, YX18, YXZ17, YH19, YW17b, ZBTL17, ZBHW18, ZWP17, ZS17b, ZJC10]. **Testing** [AV18, Ahm17, Alm11, AGVGP+11, BPS16a, BR12, BKR19, BD11b, Bon14, Che11, CGS16, DJ15, DCZL17, DP13b, ESAKK18, ER14, FZ18, Far12, GG10a, GFR12, Gia14, GVGP11, GMH16, HN14, HXL13, HH13, HK11, KHM12, KA17, Ken11, KG14c, KE10, KL12, Kum15, LLP10, LL11, Li14b, Li15, LTZ19, LL17c, LWHW11, LTGK17a, LTGK17b, Mån12, MMN16, MMP18, MHA19, Mao18, MN13b, Mod12, MM15, MH15, Nar13, NA13, NC18c, PMA14, PK17, Pro18, Rab13, RON12, RAB15, RL11b, RM14, SAKK15, SY17a, SLZ11, SKG12, SJ10, SE13, SR11, Sun17a, TD14, Tor12, XZD10, XF12, YSS18, Yam12, YHA10b, Yen12, CBSN16, CK17c, Che17a, CZ19c, DKY16a, DKY16b, FM16, FWZ+17b, Isl17, IKL16, KAR16, Kha16, KLKK17, KR16, KT18, LLHZ16, LLY16, LMZ17, LWHB16, QL18, Roz18, SM18]. **testing** [SS18, Tch19, WX17, WH18, WL17d, Xio16, Zha17c, ZXW16]. **Tests** [AV15a, AJA14, AASR12, AMH14, BLN13, BL10, BF12, BC12c, dBCR15, Cey11, CY14, CB10, CB12, CL15c, DTO11, DZ15, DMRO14, DS17b, ET13, HME12, HS18b, JMEM14, KMC10, Kak10, Kak12, KM10, KNK13, KSBM14b, LLP10, LL11, LF10, Li12a, MGAf14, PSS+15, PS11, Pes15, Sal15, SGR+12, Sco11, SS11b, SB12, SL14, Sto11, Tak14, TGXX12, Tun15, VB13,

VP10, Voi15, Wan10b, Wyl13, XFC11, Yan17a, YHA10a, ZPZ10, ZLD15, ZXD10, ZS15, AM17a, AABL17, BBC18, BBR17, BRY17, Che16c, DDP18, DY16, DL16, Far17a, Far17b, Gau17, GL19, GF17, JZ17a, JBA18, JSZL17, JK19, KL17a, KP18a, Kou16, KG18a, LM16, LSCW17, LR19, Mar16, MAS16, MR16b, Mur16b, NKG16, OL19a, ÖGGB16, Par17a, PLC17, PP17, Ric17, Sch17, She16, Sil18]. **tests** [SG16e, UU17, VPMV16, WK19, WBGS19, XK18, Zha16a]. **Text** [Iez12]. **TGARCH** [MC19]. **th** [DK17b, Jas16, Jas19, Pao10, RAB15, SYW16, SY16, SY17c]. **th-order** [SYW16, SY16, SY17c]. **Their** [AAG12a, AAR11, CHP14, Mae10, Men10a, OCIS12, SDJ15, YW11b, ZZL12, AJT16, Bos18, CSS16, CC16b, Dom11, JPAB17, JA10, JAA11, KK17a, Kur10, NN11a, SY17b, Sug13, WWW17, WHHW17, Yar14]. **Theorem** [BZ13, CYY14, GLS12, HWM12, JFA12, Kát11a, Li13b, MZ14, NR12, Sun15, WH15a, ZC14, hCXxShY18, DeR19, HZW17, Hu17, HYS18, Ko16c, LPH16, MGN16, MX19, SY16, SJY17, SN16, SNS19, Sze17, Wu17c, Wu17d, Xie16, XML16, Yam17a, Zan17, Zha16b]. **Theorem-Based** [HWM12]. **Theorems** [MC11, Sun13, CZCM19, Ike17, SYW16, Tav16, Wan17f, ZZ17a]. **Theoretical** [DG12a, Dut17, FWH$^+$15, GAS17, DAS16b, NM18]. **Theory** [Aca15, Ano23, AL15, AE23a, AE23b, AE23c, AE23d, Bic12, CLC$^+$16, DMM16, GJ15, GdSC15b, Kát11a, KJS19, MBS17, MAYH17, Mül12, Nag17, OSX$^+$16, Pes15, SG17d, SS14a, TN15, Vin13, ZY10, Arv18, HF19, IS17, KG17, LK19b, MSD19, PM16a, Sel17a, WCW17, XP18, ZL16g]. **there** [MT16]. **Thinning** [ZWZ12]. **Third** [AAG12b, Cav17, IUT12, KP12b, RAZ19, ZQZY18]. **Third-Order** [AAG12b, IUT12, KP12b, ZQZY18]. **Thompson** [Bak17, GÖ12, Sen17a]. **Three** [BNS11, Bi15, CY14, CM17, DGV11, FH12, GGS13, Jia12, KKKÖ17, LPDD19, MTM13, NBK14, NNA12, OQC14, Pou17, QZY12, RL11b, SAKK15, Tak10a, ZXSZ18, AJ18a, CK17a, CCZR17, GH19, GQC17, IF18, JC18, KVR17, LHS19, LOHW19, NB16, Pat16, RAM16, RRRA18, Sha18b, Yad16, YVCA17, ZZ19a]. **Three-Decision** [GGS13]. **Three-Dimensional** [BNS11, MTM13, AJ18a]. **Three-factor** [SAKK15]. **Three-group** [CM17]. **Three-Level** [RL11b, OQC14, Pou17, GQC17, LOHW19]. **Three-Parameter** [DGV11, NBK14, QZY12, CCZR17, JC18, NB16, RAM16, Sha18b]. **Three-Part** [FH12]. **three-population** [Pat16]. **Three-Stage** [Tak10a, IF18, LHS19]. **three-step** [GH19]. **Three-term** [KKKÖ17]. **three-unit** [YVCA17]. **Three-way** [SAKK15, ZZ19a]. **Threshold** [BGT10, CCL14, CSF12, DMRO14, KY10b, MSP12, NV15, Rab13, XLPL12, XLL15a, GK19b, LX19, LW17c, Mer16, MC19, QC19, VN17, WWWX19]. **Thresholded** [LX10b]. **thresholding** [CN17b, GP19]. **thresholds** [GEM$^+$18]. **tied** [ZZ19a]. **ties** [Spe17]. **Tikhonov** [AD17a, TPTT14]. **Time** [ADP10, AW10, AP12, Ano13b, AM15, AT09, AMH14, BLN13, BS12a, Bia15, Bin14, CC10b, CZ15c, CGSM10, DDGM13, DJ15, Den13, DT12, DN14,

Dok12, Don11, EMI14, El 15, FMS15, GS11, GL15a, GL15b, GS15b, Gue14, HL11, HW18b, HQW15, Igl13, Kha11, KY10a, Kim15, sK11, Ko14a, Ko14c, Ko15b, Ko15a, KN10, LM13, Lim11, LY11b, LSC12, ML12, MO10, MV16a, MS10d, MH15, NY11, PS14, PHW11, Pop12, QNZ14, RL12, SM09, SG16d, She12a, SP11a, SS10b, SS14a, TW13, TB15, TT11, VYZ14, Vas14a, WH15b, WW15b, Wan19b, WILL13, XLL13, XZD10, YWO+15, ZA14, ZK15a, ZLZ15, ZZSP14, BSW15, BR19, BB17a, BG19c, BBS16, BD17a, BD17b, BG16a, BL19, CSY19, CZ19b, CXC19, CT16, CH17, DE17a, DLZ17, Ery16a, Ery18, FPM19, FP17b, FL17, GWK19, GS17, GLY17]. **time** [GICRR17, HL18a, HJ14, HH19, HZ17a, HNB17, Ili16, JT19, JZZZ18, JM16, JKS18, Ko16a, KP18b, LW17b, Li17b, LL17c, LG16b, Liu17c, Liu17a, LL18b, LWG18a, LWG18b, LCZA17a, MHA19, Mal17, Man18, MST19, MSL17, NK19, NRI17, NIN17, OAOQ16, PAvS+19, QC19, QCK19, Raj18, RLSL19, SDS17, SK16b, SF16, SV17, SJ19, SS16e, SW19a, TN17, Tav16, Tri17, UZ19, VM17, Vas16, WXS18, WWWX19, XZA18, aYwSlDmS17, Yan14, YTX14, Yu19, ZBA17, ZT18, ZH16, cZzXgL18]. **time-averaged** [LCZA17a]. **time-changed** [GWK19, SJ19]. **Time-consistent** [HW18b]. **Time-Course** [Kim15]. **time-delay** [UZ19]. **Time-Dependent** [Den13, GS11, She12a, YWO+15, FL17, LG16b, SS16e]. **time-depending** [HL18a]. **time-dynamic** [LL18b]. **Time-Homogeneous** [Ano13b, MS10d]. **time-modulated** [Man18]. **time-scale** [Mal17]. **Time-Series** [CZ15c, JKS18, NRI17, XZA18]. **Time-To-Event** [Ko15a, Ko14a, EMI14, HNB17]. **Time-Varying** [Don11, MV16a, BG19c, HH19, ZH16, cZzXgL18]. **Times** [Bas14, Den13, LCLJ14, SS12a, WTB11, AHEA18, CC19, DDS16, Gra17, HHS18, KV17, LSY17, LCWG16, MAA17, NC18a, She18b, SSD19, YFV19]. **Tissue** [WS12b, AIIK17]. **Tobit** [KMSS14, MFBG13, MH11]. **Toeplitz** [LH17b]. **Tolerance** [Chv13, Ko14d, KLM10, KXX11, MS10b, KQ17, Ko16b, QK17]. **tolerances** [RWY16]. **Too** [Koz12]. **Tool** [AB13, Cox19]. **Top** [Ber12]. **Top-event** [Ber12]. **Topics** [KR14]. **Topp** [Bay16, Gen17, KI19, RSAN17]. **Total** [CG12, HS12b, FPM19, LJW18, RSC16, SMP18]. **Touchard** [MPD+19]. **Trace** [AMZ15, XM17b]. **tractable** [Cos18]. **Tracy** [ST16g, Wan13d]. **Trade** [PVB13, SH17b]. **Trade-Off** [PVB13, SH17b]. **traded** [WQW16]. **traditional** [KS16b]. **Traffic** [CNC14, CM13a]. **Training** [LR10a]. **Trait** [Zho10]. **Traits** [Fed13]. **trajectories** [JJ19, SW19a]. **Trajectory** [NRS+14]. **Tranches** [CR14]. **Transect** [ES11a, Eid14, EAE18]. **Transform** [HME12, Pri15, Ber18, LLLL18]. **Transformation** [FMS15, GE11, LSZ13, Mae10, MGAf14, Peg12, QNZ14, She15a, She15c, ZTZ+13, ZZ10, HHS18, Jon16, Sel17a, She17, YSD+16]. **Transformations** [FFA09, CH17, MP16, Zen17a]. **Transformed** [NB15, NA13, XLL15a, YUSC13, FZZ16, HG19, Lu13b, Mna17]. **Transforms** [BT13, FM10b, MH16a]. **Transient** [Bur19, KS18a, TSOT19, Vas14a, Vas16, DP18]. **Transition**

[Rav19, SDC+12, XHY16]. **transitional** [Che16d]. **Transitions** [SSM16, AG18]. **Transmission** [HM12]. **Transmuted** [GL15b, KY17a, KKH17, BKGD17, GFL19, MAYH17, NAYC17]. **transmuted-** [MAYH17, NAYC17]. **Transport** [AB11a]. **Trapezoidal** [LKK15, GSM16]. **Treatment** [BD11a, Bis12, CC10c, JFS14, Ko15a, SW14a, TWH10, YW15, BS19, CK17a, GPM18, He18, LL17c, LWZ18, MGP17, OH19, PPMD19, Ros19, WLC17]. **Treatment-Control** [Bis12, He18, Ros19]. **Treatments** [GGS13, LLZ17]. **Tree** [Ber12, GMB+13, SRT14, CCCT16, Dan18, HYS17, Pen17, SY16, SY17b, SY17c, TY17]. **tree-based** [CCCT16]. **tree-indexed** [Pen17, SY17b]. **Trees** [Fle13, SA14, VRC12, HYS18]. **Trend** [GICRR17, Hil15, KCS12, SS14c, WW13b, WILL13, Wyl13, JZZZ18, NNZA16, NNZA18, NIN17, OL19a]. **Trend-Free** [WW13b]. **Trends** [Con10, Zha15b, ZK19]. **Trial** [sK12a, sK13b, Ko14a, Ko15b, Ko15a, RPY+13, YW15, sK16c, Ko17a, Liu17b, Liu17c, LL17f]. **Trials** [Ani11, CLC+14, Chi10, LMCH12, WTB11, AMP18, GZ17, LJC18, MLD17, MR17, PHH18, Wu16a, Yad16]. **Triangle** [CLGFB15]. **Triangular** [FFA09, ZK15b, HL16, NM17]. **Trigonometric** [Pop16]. **trimmed** [Bie16, Gri17]. **Trimodal** [LHZR14]. **Trindade** [AE23c]. **tripartite** [AAE17]. **true** [CW19c, JKL19, LN17]. **Truncated** [AT19, AB11b, Coo12, GN15, KRB12, Kit15, Mah12b, PJ10, PDdHNMR17, Par15a, PBS12, She10b, She12a, She13, She14b, WLF11, WH11, AGAM17, AHKO16, AO17a, BN17, FLB16, God16, He17, JBA18, Kal19, Kay18, Kun17a, Kun17b, LC19, NC18b, She16, sSW18, SK19b, VEKH15, WTZS15, Wan16c, Wan17b, Wu16d, YWL17, YWLW18, ZJZ17]. **truncating** [VPCG16]. **Truncation** [FJ11, Lia10, Lia11, SY11, She10a, AO17a, HL17, LLM16]. **Truncations** [GC12]. **Tsallis** [Kum17]. **Tsui** [MF16]. **Tucker3** [Gal15]. **tumor** [She17]. **Tuning** [WSC13, ZP17]. **tuple** [LB16]. **Turnbull** [She14b]. **Turtles** [Far12]. **Tutorial** [ZSS15]. **Tweedie** [CFK17]. **Twice** [She15b, GMS18]. **Twice-Censored** [She15b]. **twin** [DP18, HB17a, HB17b]. **twisting** [MDG19]. **Two** [AW10, AASR12, AAR11, ASAN12, ASN12, AYC+12, BS12c, BDKM12, BHLK15, BC12a, BF10, Bib16, BC15, BEZ11, BSY12, CNC14, CT11, CCZ15, CC10c, CJ15, CB10, CB12, CFA17, Chv13, CM18, CGSM10, CT14, DBC14, DM11, DW13, EDAAS12, EWRZ14, EE14, Ery12, FLL17, FLK12, GMRN13, GFG13, GdSC15b, GPÖ14, GW15b, GS15c, HKR15, Haq17, HMP12, Hay10, Him10, HLL15, Hua10, IUT12, JB15, KG14a, KC12, Kat11b, KPS10, KNK13, Ko14d, KR16, KG15, KSBM14b, KSBM14a, KLM10, KZ15, LMCH12, LY10, LL12, LvR12, LJC18, MM17, MS15, NN11b, NY11, Nos14, OFS13, OQC14, Pao10, Par13b, PGF11, PS11, PP17, Pop12, RB10, SCMR15, SK13a, SCSMN11, SBK13, SS10a, SK15a, SKK10, SK10a, SSP+12, SK12b, SK14, SMPH15, SMMS15, SS16d, SHLK10, SR11, Tak14]. **Two** [TOT15, TGXX12, TWTG14, Tin10, Tsu14, VB13, WBH10, WL13, WLL13, WYZ15, WH10, WY13, XLPL12, Xu10, YLL19, YLX10, YC10,

YLS10, YC11a, YSR11, Yil12, YTX14, YW17b, ZZP10, ZPZ10, ZLL11, ZS12, Zha14, ZFZ17, ZK15b, AE17a, AE17b, AE17c, AA17a, AHEA18, ASS18, AS18, AHKO16, AR17b, AN17a, AO17b, AB19, AEA17, AAK17, BS16a, BS16b, BNB18, BS16c, BS19, BMLY19, Bob19, CMN+18, CSY19, Car17, ÇG18, CK17a, CW18, Cha18, CW19a, CK19, CZ19a, CM16c, CVL19, DS17b, DW18, EIM18, Ery18, FA19, FL17, GWL16, GSM16, Gen19, GMMA19, GMR16, GN16, GG16b, Hay16, Hot16, HSLQ17, HYS17, Hua17a, HWY17, HSSP16, HN17b, JSSO18, JT19, JKJ16, JYX16, JY16, KY17a, Kit15, KX18, KZ19, KA18, Kus18, LKK17, LY16b, LS17a, Li18, LPDD18, LX19]. **two** [LGG16, Liu17b, LOHW19, LCZA17b, LSW16, LLZ17, MMN16, MMP18, MNM19, MHA19, MSB19a, Mao18, Mar16, MS17b, MLD17, MK19, MRA16, MR17, MSK17, NLRD17, NKG16, mNK17, NP17b, NN18, Ozg19b, PSF16, PY16a, PPMD19, PK17, PM16b, PB18, QJKC17, RSC16, RAA17, RK18, SAD16, SSS19a, SG17a, SG17b, SG17c, Sha18a, SGA19, SA16, SR17, ST16c, SS15a, SP16c, SKM16a, SKT16, SS16c, ST16g, SKM16b, SP16d, SSB17c, SMK17, SKS17, SP17c, ST17b, SKM17, SK18b, SSSK18, SHLQ17, SSS17c, SG16e, TSOT19, TK17a, Uya17, Wan17a, Wan17c, Wan17d, WER+19, WG16a, WAJ17, WZZ17, XHH17, XO19, Yam18b, aYwSlDmS17, YH16, YL17, YWZ18, Ye19, YLS17, ZG19a, ZLYZ17, ZL16e, ZS17a, ZG17b, ZZ18e, ZZ19e, vZvdM19]. **Two-** [OQC14, WYZ15, LOHW19, ZLYZ17]. **Two-by-Two** [KG14a]. **Two-Component** [JB15]. **two-decks** [JSSO18]. **Two-Dimensional** [SCSMN11, HKR15, Ery18, LX19, LGG16, ST16c, ZG17b]. **Two-Factor** [Hua10, CMN+18, YWZ18, ZZ19e]. **Two-Fold** [Par13b, PY16a]. **two-group** [LCZA17b, Yam18b]. **two-independent-sample** [LPDD18]. **Two-Item** [BC12a]. **Two-Level** [CT11, HLL15, Hua10, Tin10, CJ15, WLL13, CZ19a, Wan17c, Wan17d, ZL16e, ZS17a, ZZ18e]. **Two-Machines** [NN11b]. **Two-Occasion** [SK10a, SSP+12, SK12b, SK14, SMPH15, SMMS15, BS16a, PM16b, SKM16a, SKT16, SS16c, SKM16b, SP16d, SSB17c, SMK17, SP17c, SKM17]. **Two-Parameter** [CT14, GFG13, KPS10, Pao10, SK15a, TOT15, YC10, YC11a, BHLK15, TGXX12, AE17c, AA17a, AR17b, AEA17, Bob19, CW18, Cha18, CW19a, GMMA19, HWY17, KY17a, KX18, LY16b, WG16a, YH16, vZvdM19]. **two-period** [LS17a]. **Two-Phase** [DM11, Nos14, SKK10, SHLK10, GMRN13, AO17b, BS16b, GMR16, JKJ16, RSC16, SG17b, SG17c, SGA19, SKS17, SK18b, aYwSlDmS17]. **Two-Piece** [ASAN12, MM17, DS17b]. **two-plan** [WAJ17]. **Two-Regime** [XLPL12]. **two-rooted** [HYS17]. **Two-Sample** [BS12c, BDKM12, BEZ11, BSY12, CB10, EDAAS12, KNK13, Xu10, YLS10, BC15, FLL17, PP17, Tak14, TWTG14, DW18, KX18, Mar16, MS17b, SR17, Wan17a, WZZ17]. **two-sampling** [MRA16]. **Two-Sequence** [EWRZ14]. **Two-Sided** [Chv13, DW13, Ko14d, KG15, CCZ15, CFA17, GW15b, YW17b, Zha14, ZK15b, AS18, AHKO16, ÇG18, CM16c, Gen19, GG16b]. **Two-Stage** [AYC+12, IUT12, KC12, LMCH12, Bib16, Haq17, LJC18, BS16c, CSY19,

Kus18, MSB19a, MLD17, SSS19a, ST16g, ST17b, SSSK18, TK17a, YL17, Ye19]. **Two-Step** [Tsu14, SS16d, Hot16, HSSP16, SA16]. **Two-Term** [EE14]. **Two-time** [YTX14]. **Two-Time-Scale** [NY11]. **Two-Treatment** [CC10c]. **two-unit** [CVL19]. **two-urn** [PB18]. **Two-Way** [BF10, DBC14, KSBM14b, YSR11, LLZ17, Mao18]. **Type** [ARD14, AK13, Aoy10, BT13, BB14b, EE15b, EdSMR14, Gar10, GSA14, HK15, HCS10, Iqb13, LPLW13, SAB15, SK18a, SMM10, SST14, SAC13, Sto11, SYP13, Sub14, TC14, TTC17, Voi15, WTZ15, XY12, XY13, Yan19, AHAH17, Ali17, ANA17, AEA17, BN18a, BQC17, BP18c, ÇE17a, CO16b, CW18, CE17b, Che13, DT17, DWX17, DY18, Dvo17, Far17a, Fro17a, GGO17, Gri17, HHC16, INOC17, IES$^+$17, JZQ15, JZ17b, Kaç19, KS16a, Kim15, KDG$^+$18, KHC14, KS19, KZ19, Li18, LL14, LLM16, LCWG16, LY16c, LL19b, LTS16, MGF14, MDA16, MK19, MKK17, MZ14, PHY19, PM16b, Qom17, Rao17b, SG18a, SG16d, Sha19, SL16, SM16, SP17a, STRD17, SSS17a, SPY18, SS16i, Tan18, The19, Udo18, VPMV16, WX15, WSW16, WLS18, WHYW18, WF17, Wu18b, WCF18, YUSC14b, YYS19, YYWH19, Yil18]. **type** [ZMCM16, ZL16b, ZW17a, ZS17b, ZG19b, AA17a, AN17d, AAK17, BS12c, BS12b, BHLK15, Bas14, BREA11, CBSN16, CB10, CB12, CT14, Cra14, EDAAS12, FH12, GP16b, GC19, HN14, JBH12, JZTN17, Kha13, LJ13, MA14, Muk10, NB16, NC18c, Pao10, PGF11, RD10, RB10, RAB15, Rez17, RK16, Sha17, SBK13, TGXX12, TTZ14a, WL10, Wan12, Wan16c, WL17a, WK13, YLS10, ZS15, CK19]. **Type-I** [AN17d, AAK17, CBSN16, CT14, GP16b, GC19, HN14, NC18c, RD10, Sha17, TGXX12, WL17a, ZS15]. **Type-II** [SK18a, AHAH17, MK19, Qom17, AA17a, BS12c, BS12b, BHLK15, CB10, CB12, Cra14, FH12, MA14, NB16, PGF11, RB10, RAB15, Rez17, SBK13, TTZ14a, Wan12, Wan16c]. **type-III** [STRD17]. **Types** [CGSM10, ZLL11, BAF19, CS19a, El 17, GWL16, TPN18, TSOT19, XO19].

**U.S.** [Con12]. **UEND** [LSZ16]. **Uhlenbeck** [Tra17, WTZ15, YSC17b, ZW19a, ZZ19d]. **ultra** [WX19]. **ultra-high** [WX19]. **ultrahigh** [SLSC18]. **umbrella** [GG16a]. **UMVU** [Ghr19, SK16e]. **Unavailable** [BSSJ11]. **Unbalanced** [Bak11, YA13, TK19, Yad16]. **Unbiased** [BDKM12, ES11a, GD12, LYX11, LWR11, MB10, Neg09, NP15, QLZ14, RS14, SU14, Tsu14, XY11a, AR17b, Cha18, CW19a, HBMAO16a, HBM16, HWY17, Kaç19, Li18, LY16c, RG19, Sen18b, Wu16b, WAA18]. **unbounded** [CDS19, WWW17, WYY16]. **Uncertain** [KG14a, OAOQ16]. **uncertainties** [WCF18]. **Uncertainty** [Ala14, Ian14, TT11, Bic17, Sun19]. **Unconditional** [HB13]. **uncorrelated** [Sze17]. **uncorrelatedness** [Mao18]. **Underdispersion** [SM17]. **Underlying** [Che10a, DTE13, SBLC17]. **undershoot** [CWW16]. **Understanding** [SO14b, YC11b]. **Unemployment** [PMC13]. **Unequal** [AM15, SAJMF12, SAJ13, ASR$^+$19, EDT18, LP19, WK19]. **unexpected** [DHK17]. **Unification** [Chi12b]. **Unified** [FZ10a, JAA11, SO14a, AJT16, Has19, Kam16, Mah17, MN18, Mna17, OH16, Rez17, RCdCN16]. **Uniform**

[ALR19, BSW15, Che11, Dem14, GCW19, GW15b, KOP14, LGG16, LSL19, MZ15, NR12, NFZ11, Rat13, RN13, Sco09, Tan10a, Tee10, TN13, Wan13a, Yan17b, ZK16, BCL16, CL17b, CQ17, Che17b, CWW16, DS17e, Gol16, KNC18, LL16, LOHW19, MAG18, PMW17, QYLL17, RK16, SN16, SM16, SN18, SNS19, TS19, WW17a]. **Uniform-Laplace** [Sco09]. **Uniformity** [WQ18, ADKZ16, EQ17, GQC18]. **Uniformly** [LG16b, MS14b, GC19, Man18, WdX17]. **Unifying** [APM10, ZLDT14, GL19]. **unilateral** [ABES18, BPS16a, CC16b]. **Unimodal** [SB14]. **unimodality** [Hom17]. **union** [LS17e]. **union-intersection** [LS17e]. **Unique** [GG10b, SK16b]. **Uniqueness** [MS11b]. **Unit** [dBCR15, DPS11, Hay17, Kon15a, LS11, Par15b, QTD10, WZT15, CVL19, DLC16, FLY16, GMMA19, Gun16, MMD18, MR16b, PLC17, Sen18a, VM17, XP18, YVCA17, Zha16a, Zha17c, ZS17b]. **unit-gamma** [MMD18]. **unit-inverse** [GMMA19]. **Unit-Root** [QTD10, PLC17, Zha16a]. **Units** [BJVV15, Sco11, KR17]. **Univariate** [Chv13, GMN13, NF11a, RR13, KSBN17, KTBN17, Lin16, WYY19]. **Universal** [FM12, Lu13a, Xin15, BAB$^+$18]. **Universally** [AIA14, FM17]. **universe** [Bak17]. **University** [MS12b, GRV15, Maz19]. **Unknown** [AAP11, CBB06, JS13, Kum15, PJ10, Pet10, Bic19, CFA17, KT18, KN17a, MBS17, RG19, WCK16, XHY16, ZY17a]. **Unlabeled** [Ind11]. **Unmeasured** [Chi09]. **unobservable** [FP17b, MSL17]. **Unobserved** [Tsi10, GDPR17]. **unpublished** [FTF17]. **Unrecognized** [sK13b, Ko15b, Ko15a]. **Unrelated** [RAG12, ZSK12, LPdDTH17, LHS19, MA18, Sen17b, SG17h, SSSK18, SSS17c, TS16, TS17d, ZKS18]. **Unreliable** [BS14, BL19, KC19a, KC19b, TSOT19]. **Unreplicated** [SAKK15]. **unspecified** [Pan19, XXMZ18]. **unstable** [LJW18]. **untargeted** [Ko17a]. **Unusual** [Muk11]. **Unwanted** [Bea13]. **unweighted** [LD17]. **Upcrossings** [VPMF14]. **updated** [LVH19]. **Updating** [FM10a]. **upon** [OL19a, Sco11]. **Upper** [AJ11, BC13, BCDLA12, CP14, GJ15, Gor17, KL12, LDY15, Raq10, SB14, Sun19, Tee12, EG18, GR18a, LG16b, SK17]. **upper-bound** [GR18a]. **Upper-Tail** [GJ15]. **upside** [AE17c, SSSM16]. **upside-down** [AE17c, SSSM16]. **urn** [PB18]. **Urns** [CW14]. **Use** [ASG17, ASN12, CJ15, DSC$^+$14, HXL13, LB11, PT15, RAB15, ST10, Saj11, SGR$^+$12, SK12b, SKM16b, SP16d, BSGS16, BPV19, Bow17, HKH17, LW17b, SGKB17, SHM16, ST17a, SSS17b, SKM17, Tak18, YSG17, ZW17b]. **Used** [AA14, Che14, Hol15, LMM15, MCY10, SA10, Bak17, MD17b, vZ17]. **Useful** [LH11b, Gen17, Yam17b]. **user** [LPDD19]. **user-defined** [LPDD19]. **USGBs** [KYW16]. **Using** [ARD14, AT15, APM10, AAP11, AC15, ABI12, AARN10, AP12, ADO13, AS15, AYC$^+$12, BA10, BDS11, BAK13, BEZ11, CCL14, CL10a, CC15a, Chi12a, CKD14, CGL13, Coo12, DS09, DB15, DM11, DMST12, DG11, ES14, EPGTH15, EE15b, FH12, FN09, Gar14, Gha19, GÖ12, GVGP11, GGFL11, Gro10, GR15, GE11, Han15, HASA10, HL11, HNV13, HLR11, IP12, JP13, JLL13, KP13, KS15a, KR14, KS10a, KK11b, KS10b, KRB13, Ko10b, Ko11,

sK11, Ko14c, LIPMF13, LW17a, LSC12, MSSU14, MGP11, MCY11, MS15, Miy10, ML13, NAMD14, NSL14, NN11b, NRS+14, NA13, ÖD10, Par13a, PK11, PG16, RSV10, RS10, SK13a, SGM11, SSS14a, SRT14, SV10, SKK10, SS13b, SS13d, SS13e, SST14, SNN12, SS14b, SS15b, SLL14, TSS15, TS12, TEF12, WXZ16, WCGZ12, WYL12, WCF18, XLZ+12]. **Using** [YUSC14a, YHS13, YZFM17, AO18a, AHH16, AMP17, AHAH17, AAL17, ABTR19, ABES18, AEB17, ASeMJ17, BOT17, BBA16, BSH17, BQDH12, BBR17, BAW19, CE19, CSM16, CLZ19, D'A17a, DAC17, DYXW19, DDP18, DAS16b, Den17, Dut17, DS16b, DS17e, FK19, GFS16, GDW18, HS15a, HB16, HB17a, HBM16, Haq18, Har17, HP14, HLR16, Ima17, IBA18, JSSO18, JKJ16, JSC17, KM19a, KGH19, KAR16, KAJH18, KJ17, Ko16b, Kus18, LG18, Lie16, LS17e, LCZA17b, Maz19, RM16, MSK17, MADSAS10, NE17, PYL17, PK18, PLC17, PHH18, PM16b, PT19, RK19, SSD18, SK17, SG17a, SG17b, SF16, SA17a, Sha18c, SG18b, SX18, SM16, SP16b, SP17b, SP17c, ST17b, SSS18, SSKP18, SSSK18, SG19, SSS19b, SKK16, SS16g, SS16i, SSS17c, TS17a, TS17b, TS17c, TS17d, TP19, TR16b, Udo18, Van16, Vas14a, Vas16]. **using** [WNL18, WZJH19, WF17, Xio16, XM17a, XMP17, YSS19, ZA14, ZB19, ZLD16, ZW19b]. **Usual** [ÜY13, Arv18]. **utility** [RS17]. **utilization** [Sha18a]. **Utilizations** [Vin13]. **Utilize** [KG14a]. **Utilizing** [MH11, Pel17, SG17g].

**vacation** [HWZ19, KC19a, KY16, LCWG16, TSOT19, YL17]. **Vacations** [Kem11, BL19, LCWG16, Ye19]. **vaccination** [FP17a]. **Valid** [JP13, EW16]. **Validation** [VBATK11, hYhW14, LTGK17a, LTGK17b, MSB19b, MD17b, NRS+14, Oga19, Ten17, XTS16, YWLZ17]. **Validity** [Gar14, Kvå17, NC18c]. **Valuation** [DW13, QWZ14, DYW18]. **Value** [ATO19, BC13, BGG11, Chr10, Cra14, Fer14, GD12, GMN13, MX15, WWL13, XYL14, AEB17, Ber16b, Bia17, BBS16, CM16c, Fel10, GF17, HLR16, Kvå17, LK19b, LL19b, NCA17, OGD17, RMN16, Roo18, SK17, YZ17a, ZXM16, ZN18]. **Value-at-risk** [ATO19, XYL14]. **value-validity** [Kvå17]. **Valued** [FZ10b, GSB12, Kac14, LMR13, MSP12, RNB12, SSA10, VP10, ZWZ11, BB17a, BCK17, JM16, KB13, KN18c, LPC17, NRP16, Quo17, Rao17a, Shu19, SW19c, YZ18]. **Values** [AAR11, BG11a, BAT15, BSSJ11, Bi15, FBS10, Gue10, GR15, HXL13, JWZ14, Kur10, LN13a, MFSAS10, MMP14, RL11a, SASMF13, SG14, SS15a, SHHH09, TW13, WL14, AC16, BBA16, BL15, CFA17, DHK17, HMT+17, IBA18, LW17a, LAW+19, NK19, QK17, RSG17, SNSA17, SK17, SBA17, STD18, TD18, TP19, ZXW16, ZCCW18]. **Vandermonde** [Aoy10, SKK16]. **Vapnik** [Gey18]. **VAR** [DP13b, Dvo17, FPR17, Raï15, Slj17, GMP11, LLSM14]. **Variability** [Hua15, KTW10, MCY10, SHH13]. **Variable** [AK14a, BC14, Cag12, CA18, DLP15, FQZ14, FWT13, GLP14, GSSCR12, Kim15, LCT12, Mah12a, NGT13, NAD15, OFS13, OE16, SS15a, WS11, WG14, WL15, Xia17a, XQS19, YX15, YWLW18, ZZ18d, AXLJ17, BAL18b, Bal18a, BMQ16, CLZ19, DYXW19, DE17b, DM18, EG18, FWZ+17a, GAS17, GK19a, GYL17, HZ18b, HAZ16, JZTN17, KKS19, KJ17, KDG+18, LK17a,

MH16b, Pou17, PLDS17, RG16, RSG17, SKK18, SI17, SG17e, SKK16, VFP17a, VFP17b, WX17, WXZ18, YS19, YLG16a, YLG16b, YL18b, hYhW14, ZZ19b, ZGK17, ZYH18, ZL16f, HD13b]. **Variables** [AB09, AKL15, AYC+12, (Ba14, BSSJ11, Bi15, Cag12, CA14, DM11, FLW12, FH13a, FHZ12, GdC12, GDS+14, GCR12, Gil14, Guo14, GS15c, HH13, HD13b, HWYW14, HWW15, HP14, Ian12, Imo15, JA10, KYS13, KL11, KLM10, KS12b, KS12c, LWHW11, LSX14, MP15, MS15, MF14, MWM13, MT12, NAMD14, NRW15, QKP12, RON12, SSA10, SK13a, SDJ15, SGM11, SWL14, SWLW14, SHHH09, SK12d, SZD12, Sun11, Sun12, Sun13, Sun15, Tee14, Tho14, ÜY13, VT15, VS10, WY11, WHVH13, WW13c, WJH15, XLL15a, XTG15, XY09, XY10, XM14, Yan19, YX15, ZZ11, ZS12, ZW11, ZLD11, ZHL15, Zör14, AHH16, ASS18, AO18c, BZH19, BOT17, BU17, BD19, BH17a, CLLW16, CF16, CKS17, CG17, CL17a, CXC19, CS19b, CZW16, DeR19, DP17, DWM+17, DTWW17, DRAS17, DW17, FL18a, FC18a, FWW19, FFN+19]. **variables** [GHSZ19, GSM16, Had17, Hay16, HF19, HSLQ17, HZZ19, HZ19, Kay18, Kun17b, KN18c, LPH16, LWWH16, LSYL17, LXT17, LLWK18, LSZ16, LSW16, LQ17b, LSL18, MM19, MWW18, Men19, MX19, MSK17, NCA16, NC18b, NMAA19, NHV17, NRN+17, NC19b, Ozg19b, Pes17, QC16, Roo17, SAB18, SG17a, SG17b, Sha18a, SWZ16, SZV16, SS17b, SXW17, SYW16, SJY17, SKM16b, SHM16, SP16d, SG17g, ST17a, SKM17, SSS18, SHLQ17, SW19c, SO17, TR16a, Uya17, WHV16, WW19, WGW19, WV16, WG16b, WAJ17, WP19, XTL+17, XDWC18, Xia17b, XLS19, XHH17, XFWC19, Yan18, YHW17, YZG17, YW17a, YJS19, YYWH19, YQC17, YC17, YW18, ZL16b, ZK16, ZZ17a, ZZ17b, Zha17a, ZZJ19, ZZ19e, ZZL19]. **Variance** [AMZ15, Are14, AZN15, Bea13, BR13, BS15, Bru10, Bur15, CTQ11, CW13, CHP14, CP14, CA14, CLV14, DPA10, DZ12, DG12b, DMT+15, Eid12, Fu12b, Gro10, GE11, GS19, Hu13, Kaz11, LMCH12, Li12b, MS15, MB15, Men10a, Men13b, Men13a, MB10, MS11c, NK15, OJR15, ÖÇO14, PZ15, Par13b, QTD15, Raï15, SGR+12, SG10b, SB14, SL13, SP13, SS13d, SLSC18, SL15, TKW12, Tsa10, ÜY13, VV17, WT15, WX19, XY11a, YUSC13, YUSC14a, YS12, ZARH14, ZYX12, ZLF14, ZYZ11, AHH16, BRZR16, BOT17, BKR19, BCP17, CRTdC17, COK17, CFA17, CFK17, Dvo17, EG18, FLY16, Ghr19, GMH16, Huh16, JPAB17, Jas16, JZQ15, JZZZ18, KT17b, LRZ17, Liu17b, MGLX14, MGN16, MKK17, OPK17, OPK18, PK18, PS17a, QKCH19, Rah18, RPH17, Sen18a, Sen16a, Sen18b, SH17b, SKT16, SSB17c, SP17b]. **variance** [SPY18, Wan17e, WRZ19, XP18, Zha17d, ZRL19a, ZG17b, ZL16g]. **Variance-balanced** [VV17]. **Variance-Covariance** [AMZ15, SP13]. **Variance-Stabilizing** [NK15]. **Variances** [HEHM11, Him10, MO10, PV14, Rub10, SAJMF12, SAJ13, ZJC10, Ima18, Mat18, Par17a, RG19, Sin16, WXZ16, WDLZ16, WK19]. **Variant** [Sha10b, YFV19]. **Variants** [dSE11, BTC16]. **Variate** [ASNT15, BREA11, CLGFB15, IANT13, SST14, Zin12, AH17a, NRCG16, NAN17a, TZ17, ZKW16]. **Variates**

[KRT13, AE17a, AE17b, GG16b, Zha17b]. **Variation** [AJA14, Gro11, Jaf15, KK11b, Kvå15, LS15b, Men10a, Sho15, TL15b, WW13c, ASG17, LMH17, LZF17, Lu16b, LSL18, MH16a, mNK17, SG17b, UK16, vZvdM17]. **Variational** [YOD10, Udo18]. **Variations** [LTC17]. **Variograms** [WWH15a]. **Various** [PS13, PV16, FJS+18, OQC17]. **VARs** [OL19a]. **Varying** [Don11, FH13a, FHZ12, Hua12, HLX14, Lu13b, LSX14, Lu14, MO14b, Wei12, YX15, ZX10, ZZLL15, AV18, BG19c, DW17, FTT16, HH19, Hu14a, HJT19, JQZ18, JHM19, LLHZ16, LZS17, LLWK18, LL18a, LLF19, MJH19, MBS+19, MV16a, RTT17, SHLQ17, WGW19, Wan19b, WX19, WXZ18, XQS19, XFWC19, YLG16a, YLG16b, YSC17a, ZSWA19, ZL16d, ZXF17, ZSS18, ZP17, ZH16, ZSJ16, cZzXgL18, ZY19]. **Varying-Coefficient** [FH13a, FHZ12, Hua12, Wei12, ZX10, Lu13b, FTT16, LZS17, LLWK18, LL18a, LLF19, RTT17, XFWC19, YLG16a, YSC17a, ZL16d, ZXF17]. **vecd** [Nag18]. **vech** [Nag18]. **Vector** [KK14, NV15, RZ13, SA12, Tak10b, VP10, WDM14, Bud16, CS16a, Cav17, KT17a, MF16, SSH17, Shu19, SA17b, SI19, Xia17b]. **Vector-Valued** [VP10, Shu19]. **Vectors** [BC13, LR10a, ESAKK18, Ko18, LCG18, NAC19, ST16c, WN17a, WN17b, YSS18]. **verification** [TSOT19]. **Verma** [BRY17]. **Version** [KA15, KR15, LJ12, Lu10, SBR14, Tor12, FNM19, LWZ17, MB17b, NMAA19, RMM17]. **Versions** [KLS10, Wan16a]. **versus** [ABI12, RS17, Wu16a]. **very** [Nav16]. **Via** [BCH15, CW15b, MO10, Mar15, NS15b, SDJ15, Tee10, AGA17b, BTC16, BK09, Cha14, CPW19, Con10, DGMC17, EdSMR14, Fau12, FF13, GP19, GMP11, GPÖ14, HA18, HS19, HB13, HH13, HSHW14, IF18, JSZL17, JN19, Jun17, KK11a, KDG+18, Li12a, LD18a, LH17c, LYR+18, LTC17, MS17a, Man11b, NM19, NS19, PS18, PY16b, QWWW19, Rao10, RZ13, SCC11, SUKK19, TN13, TCN15, WDZ11, Wan17a, WX17, WW17a, WLS18, WGG+19, WW15c, WHY18, XLZ+12, XM17b, YGM19, Zho10]. **Victoria** [BHKHM13]. **Viewpoint** [Par12]. **VIF** [HJC17]. **VIF-based** [HJC17]. **Vine** [HTW17, JSWL17]. **Violation** [BDM15, HYK15a]. **Virtual** [SCC10]. **Visualization** [HKV12]. **Visualizing** [JTR15]. **Vitality** [RASMN14]. **Vol** [Mül12]. **volatilities** [CMN+18, MS17a]. **Volatility** [GJM14, JLL13, LCLJ14, LRZ17, LG18, ZG17a]. **Volume** [Ano18]. **vs** [Bon14, HQW15, Spa19]. **VSI** [HD13b, CY10, ZLT17]. **Vulnerable** [WW10].

**Wadley** [LH14a]. **Wagner** [KA17]. **waiting** [KV17]. **Wald** [Arv18, KKS19, Par17b, UDC12, Voi15, WF17, WCF18]. **Wald-type** [WF17, WCF18]. **Walk** [AKK09, AK14c, Wan13a, KKKÖ17, aSaCN18, SN18]. **Walker** [PCL16]. **Walks** [Yar11, Yar13, Yar14, Dai16]. **Wallis** [WLZ17]. **Warahena** [AE23d]. **Warahena-Liyanage** [AE23d]. **Warde** [ST16f]. **warm** [YVCA17]. **Warner** [Sen16a, Sen17b]. **Warped** [CW15b]. **Warranty** [CC10d, JHP10, SCSMN11, ZW19b]. **water** [ZH16]. **Watson** [BANC17, Fro17b, Li16, VYZ14]. **Waugh** [Yam17a]. **Wavelet**

[Afs13, CS15a, CS15b, CF13, Che13, CS14b, HW18a, KOP13, KOP14, KAD14, LX10b, LS11, LPLW13, LX17, Mån12, Man18, NAMD14, QTD10, Rao17b, RMC11, WZY14, WZK17, WL19, ZL14b, cZzXgL18, BD17b, CCN17, CN17b, CDS19, GK19c, ZL17]. **Wavelet-Based** [CF13, Mån12, HW18a, LX17]. **Wavelets** [AP12, CW15b, MO10, Rao10, SA17a]. **Way** [BF10, DBC14, Eid12, KSBM14b, KSBM14a, SAJ13, YSR11, DO19, KS16b, LLZ17, Mao18, MGG$^+$17, SAJMF12, SAKK15, Su17b, WS14, YSS18, ZZ19a]. **WCEV** [Çel17]. **Weak** [CF14, CS19b, HV17, HS14, Jas19, SY17d, BB17b, NMAA19, Tch19]. **Weakly** [FM12, SEA15, LPH16]. **Wealth** [XZNL15]. **Wear** [AB13]. **Web** [Pap13]. **Weibull** [Ano23, Jon18, AHAH17, AFL15, Alm18, AFL13, AN17d, AAJ18, BJU18, BNB17, BNB19, BNS11, Bel17, BIJ17, CSL17, CK19, Coo12, CR13, hFmH14, FLB16, FA19, GC14, GHBM18, GBD10, GSA14, GW18, HP17a, HSMK13b, HASA10, IKH19, JB18, JS18, KSDR15, KKH17, KCY$^+$19, KN18a, KN19, LWL13, LKK17, LCO14, LS16a, LS17c, MBAJ19, NAMAK17, NB17, NMJY15, OBPL15, PP18, PGF11, PMKF17, PCS18, PC10b, QZY12, RAA17, RK19, RM14, SP16a, SX18, SM14, TCM$^+$16, TGXX12, UM09, VEKH15, WK13, WSS17, XZ16, YWLY11, Yeh12, Yeh13, Yeh15, YCL17, Yu12, YH19, vZ17]. **Weibull-distributed** [RK19]. **Weibull-geometric** [BNB17, NB17]. **Weibull-Negative-Binomial** [YCL17]. **Weibull-Tail** [GBD10]. **Weighing** [CG12, CG14a, Gra12, KS12a]. **Weight** [CG12, Sta17]. **Weighted** [AMGK15, BJ18, Cha10, sDsWcCjK14, DL16, ER11, GJ15, Guo14, HGZG15, Hua14a, HWM12, Iga16, IRB13, JQZ18, Ko14e, LD18a, LPDD18, LB11, MKS15, MZ10a, Mar11, Men10b, Men13a, NY17, QNZ14, SWLW14, SL13, SHH13, SP11b, Sun17c, Sun15, SS12e, TE11, TKW12, VSS12, WHVH13, WXPL13, WLY14a, WWW13, XM14, YD19b, ZLL11, ZC14, ZYX12, ZYZ11, AR17b, AP17, Ala17, AGA17b, AAJ16, BKM18, BBG18, CKS17, CCZR17, CZW16, Das17b, DW17, DL19, FWW19, GCA18, HZ18b, HZZ19, HN17b, IAB16, Kaç19, Ko16c, KPZ16, Kun17b, LD17, LY16a, Lu18, LD18b, LQW19, MFJ17, MB17b, MBF17, NMAA19, NO18, PCL16, PE17, QC16, RASR17, RLSL19, RMN16, Roo17, SAB18, SWZ16, SXW17, SNW19, SK19b, Ten17, WZ16, WHV16, WHHW17, WH17a, WT18, WHYW18, WV16, WG16b, WA17, XDWC18, XN19, Yan18, YGL16, YJS19]. **weighted** [YWLW18, YQC17, YKL$^+$17, YC17, YW18, Zen17b, ZK16, ZMMX17, Zha17a, ZX18]. **Weighting** [GZSS14, Gar12, IRAB13, LIPMF13, Lec11, SW14a, WP11, Zho09, ÇE17a, WGG$^+$19, ZY16]. **weighting-based** [WGG$^+$19]. **weightings** [Cle18]. **Weights** [Par15b, BPV19, LW18a, LPDD19, ST16f, SS16d, YJ19, vZ17]. **well** [LJC18]. **where** [PVS17]. **Which** [Cah15, DN14, DM18, Hua10, SSON11, GGDVP16]. **white** [CJ17, SW19a]. **Whitney** [Cuc16, DT17, HH15, WZX17]. **Whittaker** [YJ19, YD19a]. **Whittaker-Henderson** [YJ19]. **Whittle** [BK19, SP13, SMM10]. **wide** [WHYW18, YC17]. **widely**

[CZW16, DWM+17, LWWH16, LSYL17, QC16]. **Wider** [Zha15a]. **Width** [Liu11c, PR11]. **Wiener** [MS11b, SSC18, SM09, aYwSlDmS17, Zil11]. **Wigner** [MR15]. **Wilcoxon** [Che18, HH15]. **Wild** [MG15]. **Wilk** [Fly10]. **Wilks** [BREA11, GC12, TZ17]. **Wilson** [BSY12]. **Win** [Hay16]. **Win-probabilities** [Hay16]. **Wind** [QZY12]. **Window** [WG14, TK17b]. **Winsorized** [Bie16]. **wise** [CLLW16, WW19]. **Wishart** [LX10a]. **within** [Cox19, SN12]. **Without** [Fu12b, KK14, CHZ17, CS19b, FM17, Moh19b, TH17]. **WLAD** [YL18b]. **WLAD-LASSO** [YL18b]. **WNOD** [Yan18]. **WOD** [BZH19]. **Wolfe** [GG16a]. **Wolfowitz** [AD17c]. **Wong** [KHY18, PHY19]. **word** [MC17]. **Work** [Koz12]. **Working** [GLZW12, GHY11, HWZ19, JX19, YL18c, ZMN17]. **works** [Che19a]. **worth** [NP17b]. **Wrap** [OQC14, GQC17]. **Wrap-around** [OQC14, GQC17]. **Wrapped** [JJ18, LMG13]. **Wright** [Cah12, Pop12]. **written** [WQW16]. **WUOD** [LSL18, SHLQ17]. **Wynn** [AW10].

**Xavier** [AE23c]. **XII** [ACO+18, BAT15, HME17, RAK15, SMSF19, Wat11].

**yantram** [Kha19b]. **Years** [CDE10, El 17]. **Yield** [CC11, Gra11, MN13a, WCL11, WT18]. **yields** [Kha19b, LS17b]. **Youden** [SG18b]. **Youden-m** [SG18b]. **young** [TE18b]. **Yule** [PCL16].

**Zenga** [NS16b, Por15]. **Zero** [DN14, FWH+15, Fu12c, Gov11, GB15, Mon14, ÖD10, PS11, RBN19, YHA10b, YHA10a, ZI14, ZWZZ15, ZZLL15, BW17, BD16b, BG16a, CYF+18, CTAL17, DDD17, FI17, LMdO18, Mur16a, RC16, SBRGD16, SG16c, SG16e, TSG19, WZ16]. **Zero-Acceptance** [GB15]. **zero-distorted** [SBRGD16]. **Zero-Inflated** [FWH+15, Fu12c, Mon14, ÖD10, PS11, RBN19, YHA10b, ZI14, ZZLL15, BW17, BD16b, BG16a, CYF+18, DDD17, FI17, LMdO18, RC16, SG16c, SG16e, TSG19]. **Zero-Inflation** [YHA10a]. **zero-modified** [CTAL17]. **Zero-recurrence** [ZWZZ15]. **Zeros** [DZ15]. **ZIP** [FNDM12]. **Zografos** [NCO15]. **zone** [EM18, Rav19]. **Zygmund** [Yan19, Ko13].

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