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## Title word cross-reference

(0, 1) [ZZXS17].  $(m/n)$  [AMBP17].  $2^K$  [Lu19].  $2 \times 2$  [IS13]. 3 [SYL<sup>+</sup>14].  
**\$38.66** [Sha19f]. **\$39.95** [Sha19i]. <sup>18</sup> [ZB13].  $A$  [DBC12].  $AP(q)$  [TTWT19].  
 $AR(p)$  [LM13].  $B$  [DA16].  $\bar{X}$  [GVTGH<sup>+</sup>18, MQR18]. BINAR(1) [KSJ16].  
 $C_{Npk}$  [RAK16b].  $C_{pk}$  [AWJ<sup>+</sup>13, Cha17, PWW15].  $C_{pl}$  [HCY16].  $C_{pm}$  [Per10].  
 $C_{pmk}$  [Per10, WL10].  $C_{pu}$  [HCY16].  $D$   
[DBC12, JP17, LJV<sup>+</sup>18, LY15, MJ16, PT14, Özk19, XY11].  $E$  [Han17, LS14].  
 $F$  [MY13, NFFM12].  $G$  [NCO12, NCO15, SP16, AY15, LZZ<sup>+</sup>15].  
GARCH(1, 1) [BV16, ZS16b].  $gh$  [BT16b].  $I$  [MY13]. INAR(1) [IRNB18].  $J$   
[JK14].  $k$  [AB11, AMB12, KLK15, LXZ11, PS14, XY11, YP17, Yoo13].  $l_1$   
[FP15b, YZ14].  $L_2$  [LS14].  $M$  [NAA17, SRP11, AMBP17, ASS11].  $N$   
[AR16b, TGL12a, AMBP17, ASS11, BH19, CC19].  $\nu$  [ASBM19].  $P$   
[OO12, DYX15, KR13, Kel16, LXZ11, MP15, Moi17b, MMP12, SKX<sup>+</sup>18].

$P(X > Y)$  [Gen13].  $P(Y < X)$  [KDG17, NKP14].  $r$  [Özk19, XY11].  
 $R = P(Y < X)$  [SKK12].  $R = P[Y < X]$  [KR15b].  $R^2$  [MH16].  $\rho$  [SGZM14].  
 $S$  [EE15, GB18, KL13b].  $S_{pk}$  [HCY16].  $T$  [ATON18, AO12, BCY16, Ho12,  
HY16, LK17, NMPR14, WCC13, WL15b, Yos18].  $T^2$   
[AO12, FKS10, FHSC14, NMS18, SFS15].  $\tau$  [SGZM14].  $U$  [AvR15, CVL18].  
 $V$  [HOR17].  $\varphi$  [VK14].  $X$  [Rav19, SWZ15].  $X(Y)$  [JR13].  $X^-$   
[DH14, Gau10, NTG13].  $Y$  [GGM18].  $Y(X)$  [JR13].  $z$  [LLB12].

**-bar** [Rav19]. **-Bayesian** [Han17]. **-divergence** [GB18]. **-estimation**  
[NAA17]. **-estimators** [EE15]. **-generalized** [KR13]. **-link** [NMPR14].  
**-linked** [GGM18]. **-location-scale** [XHEM17]. **-means** [YP17]. **-measures**  
[VK14]. **-mixture** [TGL12a]. **-nearest-neighbour** [KLK15]. **-optimal**  
[DBC12, JP17, LJV<sup>+</sup>18, LY15, MJ16, PT14, SP16]. **-ordered** [AR16b].  
**-out-of-** [AMBP17, ASS11]. **-pooled** [LLB12]. **-prior** [AY15]. **-process**  
[JK14]. **-quantile** [SRP11]. **-record** [AMB12]. **-records** [AB11]. **-robust**  
[DA16]. **-statistics** [AvR15, CVL18]. **-step** [BH19]. **-Student** [AO12]. **-unit**  
[PS14]. **-value** [DYX15, LXZ11, MP15, Moi17b, OO12]. **-values**  
[Kel16, MMP12, SKX<sup>+</sup>18].

**2** [ABJR13a, ABR13b]. **2013** [KS15].

**3** [Sha15e].

**4** [Sha15c, Sha19i, Sha19f].

**5** [Sha15i].

**8** [Sha15d]. **80** [Pak11].

**978** [Sha15d, Sha15c, Sha15e, Sha15i, Sha19i, Sha19f]. **978-0-521-19676-5**  
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**a-posteriori** [MAV17]. **ABC** [TPM17]. **abilitie** [GdCCDS18]. **ability**  
[Hir11]. **abrupt** [LMSX16]. **absolute** [CP12, CKP15, NHA18, ZZ15b].  
**abundant** [LWT<sup>+</sup>17]. **Accelerated**  
[DYT10, AS15a, Ano14c, CZX18, DT13, DW18, HW17, Ism10, IA10, Ism14,  
Kan17, LHLB19, LXL11, WH19, YCD15, ZS16a]. **Accelerating** [PF16a].  
**acceleration** [Ism10, ZS16a]. **accept** [Bot11]. **accept-reject** [Bot11].  
**Acceptance** [AW17, AS12, AJA11a, ABR13a, ABR13b, ABA16, DG19,  
NS17, VC15, YCA15]. **accounts** [Wes16]. **Accuracy**  
[GDR12, LH14, RNSR19]. **Accurate** [PGF19, SKX<sup>+</sup>18, SW18]. **Accurately**  
[ES11]. **across** [Kuk18, Moi17a]. **active** [SZJW19]. **actuarial** [GG16].

**acyclic** [TZSP19]. **Adaptation** [ÖK19]. **Adaptive** [CLH14, CZX18, CLYX18, GHRAM13, Han10, LLQ<sup>+</sup>16, XSF17, YZX18, ZC13, ZAK13, AH19a, AH19b, BS16, Bot11, CJ13, EDASM17, FWZ<sup>+</sup>15, FKS10, Haq19b, Hwa11, KL13b, LL13, MPB19, NKB19, Pam19, QKUH18, QRH19, SMBS10, SHP12, TCHS19, WMDO11, WyT17, XX15, YCXN14, YS19, ZS16a, ZWCK16, Zie11]. **adding** [LDB10]. **Additive** [HZL16, KE10, LLBL14, PL18, QX12, XLW10, YHWS18, ZCZ17, ZLZZ18]. **Addressing** [NMPR14]. **adjacent** [DHP14]. **Adjusted** [Ali14, ASB14, BTR16, SZS16, TK14]. **adjusting** [DGLV17]. **adjustment** [Moi17b, SXTJ17]. **adjustments** [CS16, RS17]. **ADMM** [SWXJ18]. **advanced** [ACG<sup>+</sup>16]. **affects** [Sha19f]. **after** [LCZ18, Say12]. **against** [AK16, AD10b, AB14, Kus11, Li14, MAEP14, SNG12, Yam19]. **Age** [Fuk11, CCM12, Yu11]. **Age-period-cohort** [Fuk11]. **age-specific** [Yu11]. **aggregate** [PJ15]. **aggregated** [HWWZ16]. **Aggregating** [MM15]. **aggregation** [Kus11]. **Agging** [HLN<sup>+</sup>15]. **aided** [CKP16]. **air** [DRC<sup>+</sup>16]. **alarm** [HP11]. **alert** [AD16b]. **Algorithm** [Sta10, BH19, BSS17, Bor17, BOG15, Bot11, CC16a, CH15, DHP14, DN13, DLZ19, FFP16, FM15a, FZ18, GBdL16, GGdC17, GM16, HSR15, Hof12, HY16, HH15b, JKL11, KM14, Kim18, KSLN<sup>+</sup>18, KL18b, KC16, LLXY17, MBL15, McF16, PD13, RB18, SP16, San12, Seo11, SL15, SWXJ18, SZJW19, SC16, SZWL19, SWLZ15, SZM17, SS15, TPM17, TKÖ19, VVNTVD<sup>+</sup>17, WMDO11, WH14, WTJW17, WT18, WyT17, Wu12, XHYX14, XLW10, XHEM17, YZ14, YLL17, YXZ19, YW14, ZCW<sup>+</sup>17]. **algorithm-based** [Bor17, RB18, VVNTVD<sup>+</sup>17]. **Algorithmic** [HM17, LJV<sup>+</sup>18, WC14]. **algorithms** [AKU11, GHRAM13, Hol19, HBC11, KK15, LMSX16, LWT<sup>+</sup>17, LL18b, NHGS14, PM10, SL17, SD15, Sha18b, SKTC11, TW14, TNS14, TJK13, Tu19, ZF16]. **Ali** [Ano14c]. **alignment** [FMK15]. **allocation** [ARB13, BD17, BS16, GB17b, HW17, KGA12, SPS19, VM19, WL14]. **Almon** [ÖK17]. **almost** [Wu16a]. **alpha** [FS15b]. **alternating** [BAB15, CR18]. **alternative** [AM13, BCO13, CNP19, GG16, KR15a, LR18a, Mug16, VAW15, WN13, dLHT17]. **alternatives** [AD10b, AB14, TCM11]. **Aly** [Ano14c]. **ambiguity** [LL19]. **amendment** [LN13]. **American** [FM19, JK14]. **AMMI** [PRMM12]. **among** [Xie14]. **amputation** [SLV18]. **ANA** [CLS<sup>+</sup>19]. **analog** [PA15]. **analyse** [EKE<sup>+</sup>18]. **analyses** [GDPH12, KKL<sup>+</sup>15, Sha19u]. **Analysing** [Par12, She14a, SKJ17, Tso15]. **Analysis** [AYR16, CB10, Cox13, DK17, GK16, GWH14, HK16b, HAC16, JG16, KK14, PM10, RSD14, VFLR10, ASM17, ARY17, AZS15, ACG<sup>+</sup>16, AB13, AW14, AHJ16, BTD18, BBL13, Car16, CW16, CL13, CL15, CK14, CLL10, CB11b, Da 15, DW19a, DM16, DB10, DAB11, DM12, DFT17, Fal16, FM19, Fan17, FMZ18, FDGD16, FAV18, FPG13, FAT19, FM15b, HKK<sup>+</sup>16, HSJ18, JY13, JSM13, JTL18, KKY15, KE10, KEW13, LKM<sup>+</sup>15, LCLP15, LSA<sup>+</sup>15, LN13, LLV<sup>+</sup>14, LJ18, LLC17, Lin16, LPS12, LV17, Mal16, MN15, DMV17, NLOT19, OMY12, PBSZ13, PJ15, PRMM12, PB15, RZ13a, RdSF16, Rin12, RTM18, RRDU13, RCL15, SCL<sup>+</sup>18, SB15, Sha10f, Sha14f,

Sha15f, Sha19b, Sha19d, Sha19h, Sha19o, She12, SE11, SA16, SU11, TNJ17, TA11, TKK19, UG10, VKK14, WL15b, WL15c, WYZK16, WZS17]. **analysis** [WC17, WT18, Wei12, Wil15, WWB18, XHYX14, XLW10, XYZ19, XWMA18, YWL18, YBAA15, ZP14, ZCZ17, ZY19, ZY15, ZB13, dCOC16]. **analysis-based** [LJ18]. **Analytical** [Tsa18, BS12, HM17, LPS13]. **analyzing** [YQ19]. **anchovy** [PSY18]. **and/or** [FHO15]. **annealing** [SGZM14, Woo10]. **ANOM** [MY13]. **anomalous** [DF14]. **ANOVA** [ÇŞ18a, CL15, GGSS19, MY13, NFFM14]. **ANOVA-** [MY13]. **appearing** [AS15b, Ten19]. **applicability** [Wes16]. **applicable** [Gau11]. **Application** [THG15, AAG<sup>+</sup>19, BCL18, BS13, Bor17, CCF19, Con10, COS11, Erd13, FW15, HOC<sup>+</sup>19, HLVR18, HLN<sup>+</sup>15, Jer13, JWWdL16, KAJB19, Kia10, KMS17, KBM19, LLP<sup>+</sup>14, Mân13, Mug16, Nou10, Nou19, OS14, PF16b, RB17, SHLT17, Sha18c, SC12, TMG18, TKK19, WDCK15, WSC18, YWL18, ZZXS17]. **applications** [AHH17, Aci18, ACN<sup>+</sup>17, AACR18, CLS<sup>+</sup>19, CTTS19, CGdS14, COP14, COS14, CAO<sup>+</sup>17, CYRO18, DLS18, DSVY14, FI17, FKM13, FZ18, GDCO11, GDCO18, GLB17, Haq19a, Hay15, HM19, JY13, JKP19, JL16, KR15a, MS11, MFD16, OY15, OWLP16, Özk19, SDS16, Sha11e, Sha13c, Sha15c, TCA<sup>+</sup>18, UM14, VP16, WSLX17, Woo10, Wu16c, Yos18, ZF16]. **applied** [JK14, NJ18, RY13, WM12, Sha19d, Sha19e]. **Applying** [Bru19, ASS11]. **Approach** [Sha19j, AE17, ABA12, BT16b, BMK14, CR18, CLC17, CM19, CB11b, DHP14, DK17, DI11, FHSC14, FP17, FNRCM17, FS15a, FAT19, Fuk16, GYV<sup>+</sup>13, GVW17, GdCCDS18, GV18, GGSS19, HH17, HBT12, Ho16, HH15a, HSJ18, HS13, HNPB18, JMM<sup>+</sup>17, JYML13, LDCL17, LJV<sup>+</sup>18, LWZ17, LXZ11, LLBL14, LLWY15, LZZ<sup>+</sup>15, MA17, MT17, Mug16, NS18, NLOT19, OSdVM13, PC11, PWW15, PC10, QX12, QMZ15, RAB14, RWCD17, RB17, RIY18, Saf13, SS12a, SCL<sup>+</sup>18, SFS15, SA16, Şir19, SR16, SKJ17, TK18, TGL12a, Tsi15, UA16, WXF11, WL16, WYZK16, WH17, WHX<sup>+</sup>17, Wu11, WFC<sup>+</sup>18, YA16a, YAEU13, ZP14, ZZ15a, ZAK13, dSdS17]. **approaches** [BTD18, BAB15, BBC10, CB19, CNP19, SGGC10, WBAS15, XLB12]. **Approximate** [Are12, BV15b, CP12, HHC15, KP15, QKY16, RNA17, SAM13b, CP14, Chi10, KK15, KL12, KL13a, PF16a, RCL15, XZY13, You14]. **Approximating** [Bak18, Len11, SLD16]. **Approximation** [WN18, Alw17, AGA18, CK14, EFGMD13, GMR15, HN13, JG10, LLC17, LPS12, MG17, MBL15, McC14, McL14]. **Approximations** [Kel16, GP15a, JSM13, SB12a, Ye16, GI17]. **Arc** [TGL12b]. **Archimedean** [GHH17, Hof12, SU18]. **architecture** [BR16]. **area** [CCS12, Con10, HM13, LXL17, MS19, QMZ15, SRP11, TS14]. **areas** [NTC11, NKZ19]. **ARFIMA** [Tsa10b]. **Arieh** [Sha19f]. **arising** [AR16b]. **arithmetic** [DTZZ12, MS15]. **ARL** [CC11b, GWX14, HP11]. **ARL-unbiased** [CC11b, GWX14, HP11]. **arm** [SKX<sup>+</sup>18]. **ARMA** [FP11a, LL11, MMK10]. **ARMS** [ZWCK16]. **array** [TP15a]. **array-based** [TP15a]. **arrays** [Jou15b]. **ARTICLE** [Ano14c]. **artificial** [LCN<sup>+</sup>17]. **ascent**

[FH11, Kia10]. **ascertainment** [RSD14]. **Asian** [Meh15, MS15]. **AsiaSim** [Zha17]. **AsiaSim/SCS** [Zha17]. **aspect** [Sha19f]. **aspects** [HR12, SZM17]. **assess** [MMP12, NdCOP15, Wu11]. **Assessing** [EXH16, PC10, ZA12b]. **assessment** [Car19, GZT14, LB11, LR18a, WC14, XBL18, Yuc17]. **assignable** [NMS18, NTG13, SSMF18]. **assisted** [PV19]. **associated** [BAKZ16, DB10, GB17a, KC14, LMFMA15, Lüt15, NdCOP15, SAT16, ZAK13]. **association** [Ali12, BS12, BS14, CL13, PZY<sup>+</sup>14, XZY13]. **assumption** [AW14, Aus18]. **assumptions** [KKY15, WCK11]. **assured** [LH14]. **Asymmetric** [APF18, AR16c, BOG15, dlCHBCD19, KK14, KC16, LK17, Lem12, MN19, MKW16, TZA10, dABS16]. **asymptotes** [DHP14]. **Asymptotic** [BCJG12, NJdC14, RS17, WPXL14, AP17, CRV15, DTZZ12, McC14, RA17, Shu12, WL10, YZX18]. **Asymptotically** [DY16, WN11a, AKS<sup>+</sup>15]. **asynchronous** [SYL<sup>+</sup>14]. **attributable** [IS13]. **attribute** [Gov17, LC10, TD19]. **attributed** [FAT19]. **attributes** [DG19]. **augmented** [MK12]. **augSIMEX** [ZY19]. **autocorrelated** [AÖ16, WL19]. **autocorrelation** [GFS15, GVTGH<sup>+</sup>18, HKKL17, Jin15, MSK14]. **autocorrelations** [LM13]. **autocovariances** [TGL12b]. **Automatic** [CJ13, LKM<sup>+</sup>15, CH15, Ten19]. **autoregression** [FP17, YWL18]. **autoregressions** [Akn13]. **autoregressive** [AHAM15, AAH19, BCCN18, BH18, CL11, CLH14, CTTS19, Haj19, Jou15a, KL17b, KL17a, LL15b, LJL15, MAV17, MN19, MS17, NSMFR15, PB19, Rai12, SM15, SL15, THG15, YPL13, ZB10, ZS16b]. **AutumnSim** [Zha17]. **auxiliary** [AH19b, ARQ19, HK16a, HK18a, KTJ18, LAuaS<sup>+</sup>15, MSS18, MKN18]. **Average** [NdCOP15, Adr18, AAH19, BCCN18, CHB18, Haq14, HBMAO15, HL15, Jou15a, LPJ14, LZGW14, LCZ18, MMR16, PB15, RS14, TKJ13, TK16, Wu16b]. **averaged** [FP15b]. **averages** [Zha16]. **averaging** [FW15, Moi17a, Tsi15]. **avoid** [Sha19f]. **aware** [PSS15].

**B** [MT17]. **B-spline** [MT17]. **backcross** [NPJ14]. **backward** [BK17a]. **Bain** [GHMR19]. **Balanced** [LPSR16, CP14, CB11b, LZ10, PO14, YML14]. **bands** [MC14]. **bandwidth** [Bag11, Bai16, BC19, BAKZ16, DL19, JW18, JP14, KC14, WZ19, XY16, YBAA15]. **Bangladesh** [IGR13]. **bank** [Erd13]. **bankruptcy** [Erd13, JL16]. **bar** [Rav19]. **barley** [PRMM12]. **barrier** [KS17a]. **Bartlett** [LCM12]. **based** [AF17, AJFB14, AMB12, ARY15, AG19, AKS<sup>+</sup>15, ADRA15, AAS18, AO11, AOR13, ABP16, AB16b, AS15c, AKAW15, AJA11a, AJA11b, AWJ<sup>+</sup>13, ABA16, AÖ13, AF12, BH19, Bak14, BZ16a, BT16a, BU17, BBA15, DS18, BMP12, BRY17, BS14, Bor17, BBM18, BCO13, CS18b, CJ13, CC11a, Cha17, CR18, CPK19, CC16b, CYL17, CMX17, Cor13, CBG16, DBC12, DS11, DL19, DF14, DW19b, DAB11, DB11, DK10, DF19, DC15, DW18, DA13, EDASM17, EG18, Fan19, FF14, FP11a, FDGD16, FGHRM12, FAT19, Fuk16, GGdC18, GL16, GZT14, GZL18, GLL014, GP19, GTB14, GAB14, GBCS16, GRPP10, GEC19, GWX14, GV18, GGSS19, HT12, HK18b, HC17, HMP17, HH15a,

HCY16, HMM13, Hua16, HKKL17, HLL18, IRNB18, JK14, KK14, KL17a, KM17, KN15, KN16, Kiz17, KL18b]. **based** [KBL<sup>+</sup>15, LF16, LP16a, LL10, LL11, LK17, LPK18, Lee19, LSA<sup>+</sup>15, LW12, LYQ<sup>+</sup>15, LWZ17, LXL17, LJ18, Li18, LWS19, LBN<sup>+</sup>19, LY13, LLN13, LSA16, LP16b, LSF<sup>+</sup>17, LGWZ18, Llo10, Lu14, MAV17, MMR16, Man15, MLCL18, Med16, Mug16, NK15, NTZ19, NB13b, NB14, NB15a, NB16, NS17, NLHD12, NKB19, NAI1c, NA13, NP16, Nou17b, OvP10, PB13b, PBSZ13, PA14, PK17, Par17, PSS15, PS19b, PC10, PS14, PJR15, Rav19, RL15, RWCD17, RB18, SJN15, SP16, SAB15, SMM19, SM11, SGGC10, Seo11, SBAA14, SBS14, Sha16, Shi15, SK17, SC19, SA15, Shu12, SYL<sup>+</sup>14, SDWL17, SLLZ18, SZWL19, SKM14, SZ16, SU18, TdSC19, TK18, TTZS15, TP15a, TdC18, VSG<sup>+</sup>18, VGTGCFC17, VVNTVD<sup>+</sup>17, WDCK15, WGC14, WL15c, WBGJ15, WBG15, WL16, WH17, WKJ<sup>+</sup>19, WyT17, WJ19, Wu10, WY11, WWCL11]. **based** [WLL12, WC14, WL14, Wu16a, WWB18, XY16, XYZ19, XBL18, YWZ18, ZA11, ZA12a, Zam15, ZMKAV19, ZCL19, ZLQ<sup>+</sup>17, ZCW<sup>+</sup>17, ZX14, ZZ15a, ZS16b, ZGW14, ZB13, ZNW19]. **Baseline** [CCM12, DDD17]. **Basic** [Sha14a]. **Basic(R)** [OO12]. **basis** [DDZ13, MMK14]. **Basu** [PK16b]. **batch** [JY14]. **Bate** [CDG<sup>+</sup>15]. **bathtub** [ASH16, KTSR17, UGMK13, WWCL11]. **bathtub-shaped** [ASH16]. **Baumgartner** [Mur12, Mur15]. **Bayes** [AHAA10, Ak19, CS11, GZT14, GP15b, HBFSGD11, Ism10, JG16, LLN13, NKZ19, PK11, PK16b, QMZ15, RASR16, SSK13, SAM13b, TS14, UG10, UGMK13, XZY13, XLMX19, ZZXS17, ZWDM19]. **Bayesian** [Lia14, AHAH14, EB19, AJM11, AMB12, AY14, AY15, Ali15, ACG<sup>+</sup>16, Ami11, AHJ16, ABA12, BL19, BAKZ16, CRV15, CCZJ17, CW16, CS17, CQJ12, CTC17, CYL17, CK14, CF17, CB11b, DA14, DP15, DH14, DD12, DRLP14, DW19b, DAB11, DW17, DFT17, EKBO16, FW13, FW15, FDGD16, FPG13, FTS10, Fu16, GdCCDS18, GGM18, GMR15, GI17, GHMR19, Gum18, GIDB15, Han17, HBT12, HLVRS18, HZL16, HY16, HW12, HC15, HLN<sup>+</sup>15, Hua16, IGR13, IP14, JP17, JMM<sup>+</sup>17, JYML13, JTL18, Kal14, KKK17, KAR13, Kiz17, KK15, KSLN<sup>+</sup>18, KK11, LDCL17, LB11, LC19, LW14, LW17, LY18, LY13, LHB11, LHB13, LPSR16, LZZ<sup>+</sup>15, LL18b, Lu19, LLT12, MJ16, MKW16, MT17, MGR15, MWL14, NKP14, NTC11, NY16, NS18, PJ15, PMM18, PS19a, PWW15, PF16a, RZ12, RdSF16, RIY18, RRDU13, SB15, SPS19]. **Bayesian** [SN17, SF12, SBAA14, SBS14, Sha16, Sha14b, Sha15i, Sha19b, SK18, SR16, SAK14, SXTJ17, TPM17, TNJ17, TTWT19, TGL12a, TNM17, TCLY14, Tsi15, WL15b, WL15c, Wan18a, WWW15, WFC<sup>+</sup>18, YCD15, YL14, Yu15, YZWM19, YW14, Zha14, ZL15, ZAK13]. **beauty** [Sha19i]. **Behaviour** [CI15, LMRW17]. **behavioural** [Sha11c]. **Behrens** [PA15, RS15, WRN18]. **belonging** [GVW17]. **Ben** [Sha19f]. **Ben-Naim** [Sha19f]. **benchmarking** [NTC11]. **benefit** [DRAR19]. **Berger** [LLB12]. **Bernoulli** [Bak18, LZ11]. **Bernstein** [SU18, YZWM19]. **best** [BDKM11, Che14, GMG13, RRB10]. **Beta** [BCCN18, AB10, ASB14, BSSC10, BSS17, BBT13, CMC13, CGdSO13, CNO13, Cor13, CSPO14, CF17, CNS12, CNQ14, FBV18, FP11b, JP17, LY15,

NCO11, PCN14, RPN15, Shi15, TNS14, ZZXS17]. **beta-binomial** [ZZXS17]. **beta-inflated** [FBV18]. **beta-modified** [NCO11]. **between** [Are12, BF12, BD17, CC11b, HH17, IGR13, JMM<sup>+</sup>17, Jin15, KLKK19, KL13a, LZ10, Mal16, Mar14a, Pak10, Pak11, Per10, PRMM12, PP15, TD13, dB15]. **between-group** [Are12, KLKK19]. **Bi** [FWZ<sup>+</sup>15]. **Bi-level** [FWZ<sup>+</sup>15]. **Bias** [ABGM18, AAVG16, BT14, CG15, MD18, NB15b, SY15, TN16, WN11b, AB16a, FGHRM12, LS19, LPS13, SD15, WJ19]. **Bias-corrected** [MD18]. **Bias-correction** [SY15]. **Bias-variance** [NB15b]. **biased** [FH15, TKÖ19, TP13, XZ19]. **bicompositional** [Ber12]. **bimodal** [AR16c, ROCH16, dABS16]. **Bimodality** [VSG<sup>+</sup>18]. **BINAR** [SKJ17]. **binary** [Ahm16, AI16, BS16, BAB15, CB10, CTC17, DL13, Fan17, FHS12, GSL<sup>+</sup>14, GMR15, HSC16, dICHBCD19, KOM19, LS19, LLM16, LYLM17, LR18a, Lu19, MHA10, NMPR14, NJdC14, NdCOP15, PMM18, PQ14, RNA17, RNSR19, RSD14, SH16, SKX<sup>+</sup>18, SBD10, SJ10, SR11, Woo10, ZB10, ZS18]. **binned** [WW16a]. **binomial** [Ame12, AH16, ÇK19, FI17, Fu16, GGdC17, GY16, HY14, KS17c, Li15a, LLY19, LLB12, Mân13, Mog11, Özk19, PA15, PRNG18, RZ12, RZ13a, SP11, TK14, Wel16, You14, YGX14, YXZ16, ZPL16, ZZXS17, ZHB18]. **bioassay** [DS10a]. **biological** [AP19]. **biometric** [KAWA12]. **Biostatistics** [Sha14c, Sha14e]. **Birnbaum** [AJA11a, BZ14, LDCL17, Lem11a, LCM12, Lem12, Lem13, LMFMA15, Lem16, LX16, MLCL18, NGXZ14, PJR15, SN17, XYZ19]. **Bivariate** [AE17, FI17, Muh16, dALNCdATdC11, PBSZ13, RPFOMGRM17, AJFB14, CMX17, CF17, DN13, FOC14, Fam12, GB15, GB17a, GGAM13, GV18, HP15, HEB13, HN11, Kiz18, LP13, LLGP17, LLN13, LXL11, LC10, MB16, PNN17, PK16b, RSD14, SK11, Tso15, UY12, WGC14, WBGJ15, WSLX17, WZ19, WN12]. **BL** [DGW10]. **black** [SF12, Gül10]. **black-box** [SF12]. **BLIEs** [SRAO11]. **blind** [GGM18]. **Block** [ADA18, CB11b, DS10b, Juh16, PK16b]. **blocks** [HM17]. **BLUEs** [SRAO11]. **Board** [Ano10, Ano11, Ano12, Ano13, Ano14a, Ano15b]. **Boca** [Sha19i]. **Book** [Sha14d, Sha15f, Sha15b, Sha15d, Sha15g, Sha15c, Sha15e, Sha15h, Sha15i, Sha19c, Sha19d, Sha19e, Sha19i, Sha19f, Sha19g, Sha19h, Sha19j, Sha10a, Sha10h, Sha10j, Sha10k, Sha10l, Sha11a]. **Books** [Sha10b, Sha10c, Sha10d, Sha10f, Sha10e, Sha10g, Sha11b, Sha13a, Sha19k, Sha19l, Sha19n, Sha19m, Sha10i, Sha11d, Sha11e, Sha13b, Sha14c, Sha14b, Sha14d, Sha14a, Sha14e, Sha14f, Sha15f, Sha15g, Sha15h, Sha15i, Sha15j, Sha19p, Sha19q]. **Boole** [HCY16]. **Boos** [LLB12]. **Boost** [YZ15]. **boosting** [LLQ<sup>+</sup>16, Yua15]. **Bootstrap** [BBC10, BD12, DBL10, FP11a, FP15a, KL18a, LLP<sup>+</sup>14, PB19, PV19, RAK16b, Rin12, SG18, SGB13, WJ19, ZS16b, AMBP17, ASS11, BC19, Bru19, Chi10, DS10b, FP17, HA10, JCW19, Jou15a, KL10, LP10, LVB18, MG17, PSK14, RMS14, THR17, THR18, XMC<sup>+</sup>14, YPAC11]. **Bootstrap-assisted** [PV19]. **Bootstrap-based** [FP11a, WJ19, ZS16b]. **Bootstrapping** [BMM15, HA10, MK12, SH10]. **both** [JP17]. **bottom**

[JKLR11]. **bottom-up** [JKLR11]. **boundary** [AI12, SYL<sup>+</sup>14, Wei16]. **bounded** [Bot11, IP14]. **bounds** [Hay15, JR16, SGZM14]. **box** [SF12, CWM17, Dia10]. **boxplot** [CPP<sup>+</sup>19]. **branching** [GGM18]. **breadth** [NB15b]. **breadth-depth** [NB15b]. **break** [MSK14]. **breaking** [AR10]. **breaks** [JZZH18, MV14, RL15]. **bridge** [BF12, TTWT19]. **bridge-randomized** [TTWT19]. **broken** [Car16]. **broken-stick** [Car16]. **Brownian** [BF12, FS15a, Guo17, KSM16, XZZ15]. **Buckley** [WCK11]. **budget** [WH19]. **building** [MC13, Sha15e]. **Burr** [AJM11, ACN<sup>+</sup>17, ABJR13a, ABJR13b, BAS17, CGdS14, CYRO18, DA16, NK15, PS16, POCdP13, SSMF18, SWZ15, SEAEM13]. **Burr-type** [SWZ15, ABJR13a, ABJR13b]. **burst** [ASM17]. **BUSDM** [JKLR11]. **business** [CCS12, Sha13a].

**CAC** [Jer13]. **calculating** [CC16a]. **calculus** [JK14]. **Calibrated** [XLMX19, BMM15]. **Calibrating** [AL15, FGV14]. **calibration** [ARQ19, BBL13, HBT12, JR13, Jer13, Özg18, RB17]. **can** [DRAR19]. **cancer** [Bor17, DLS18, She11]. **candidate** [TZSP19]. **Cannabis** [CW16]. **Canonical** [CAC17, AY13, Mal16, SE11, SA16]. **capability** [AWJ<sup>+</sup>13, BU17, Cha17, GV16, HCY16, HAB12, NS17, NAA18, PWW15, Per10, SZS14, Wei12, WL10]. **capacity** [MCW17]. **capture** [ABM17, HHC15, Moh17, YP10, YPAC11]. **capture-mark-recapture** [YP10, YPAC11]. **capture-recapture** [ABM17, HHC15, Moh17]. **CAR** [BL19]. **card** [FMK15]. **Care** [Sha19]. **Carlo** [AB16a, AB13, AB14, BZF18, Bør15, CDG<sup>+</sup>15, Car16, CK14, CCK13, FP15b, GP15a, HH17, HLVR18, How13, KE10, LLC17, LZZ<sup>+</sup>15, LED16, Meh15, Ned11, NA11b, NA11a, OSN17, PP10, PO14, Saf13, SJZ17, TPM17, UG10, WJ17, YW14]. **Case** [XZY13, AJFB14, AAS18, AO12, DFT17, EKE<sup>+</sup>18, FMZ18, GDPH12, IS13, Kan17, LCB13, LCB14, PM10, PRMM12, RAB14, RNA17, TNM17, WFC<sup>+</sup>18, YPAC11]. **case-cohort** [FMZ18]. **Case-control** [XZY13, EKE<sup>+</sup>18, GDPH12, IS13, Kan17, RNA17]. **cases** [JP17]. **categorical** [FAT19, GSL<sup>+</sup>14, GBCS16, JM10, PA14, Sha14f, THCZ18, Wei11]. **categories** [Alt19]. **Cauchy** [AACR18, GFS15, TS17, Zha14]. **Cauchy-type** [TS17]. **Causal** [TK16, LM13, Sha18b]. **causality** [LS11, TD13]. **causes** [AH18b, DK17, NMS18, NTG13, SSMF18, TZSP19]. **cdf** [BF12, CWM17, JZD18]. **cellwise** [VW11]. **CEM** [BBV17]. **Censored** [KBS11, AHAH14, AMB12, AYR16, ARY16, ARY17, AB16b, AR16b, AY18, AAY19, BS13, BZ16a, BBA15, BBW17, BMP12, ÇŞ18a, Che14, CYL17, Che18, CHT16, CBG16, DA14, DVA15, DG16, DNMT18, DK17, DW17, DPK11, EDASM17, FM15b, GTB14, GAB14, GP15b, Gun18, GWX14, GIDB15, HC17, HSC11, HY16, Ili15, Ism14, KS16, KA13, KM12, KK13, KVK15, KDG17, LDCL17, Lee11, LY13, LH12, LLN13, LXL11, MSS14, MTSR19, NTZ19, NB15a, NB16, NLHD12, Nou17b, OCPC12, PB13a, PB13b, PZZ19, PS16, PP15, PPK16, PP19, PS14, RAB16, SBAA14, SBS14, Sha16, sS11,



sS12b, She12, She14b, She14c, She15a, She15b, SK16, STW15, SEAEM13, SZ16, Su16, TCLY14, VK14, WYW12, WH14, WDY18, Wu10, WY11, WWCL11, WLL12, WC14, WFC<sup>+</sup>18, XHYX14, XZ19, YCD15, ZLW16].

**ensoring** [AHA15, AHH17, AS15a, ARY15, ADA18, AG19, AVK15, BDKM11, BB12, BAS17, CM17, CPK19, DBC12, DN13, DYT10, DT13, DC19, DKG16, ER19, HSR15, HW12, HW17, Ism10, IA10, IAGEK11, KTSR17, KR18, KP18, Lia14, LHB11, LHB13, LCB13, LCB14, LHLB19, PB12, PGF19, RT14, SKK12, SBK13, She10, sS16, sS19, SAM13b, SAK14, TN16, TP15b, WY19, WH19, XYZ19, YCXN14, ZS16a, Ano14c]. **ensorship** [Zar17, Lia11]. **entral** [Par12, PPGT19]. **ertain** [AS15b, Ten19]. **ervical** [Bor17]. **Chain** [LED16, CDG<sup>+</sup>15, CCK13, FP15b, LZZ<sup>+</sup>15, MCW17, UG10, ZB13]. **chains** [DRB17, DS10b]. **chances** [RSD14]. **change** [CB11a, CK14, Dog15, EFGMD13, JZZH18, Kel16, LDB10, LLC17, RG10, SR16, Sun11, VBL17, Wu16c, ZGW14]. **change-point** [Kel16, LLC17, SR16, Wu16c, ZGW14]. **change-points** [EFGMD13]. **changed** [LN13]. **changeoint** [ACG<sup>+</sup>16, dSdS17]. **changes** [SHST13, SB13, TC10, Yam19]. **characteristic** [BP15, JGPF17, KKY15, LYQ<sup>+</sup>15, PL16b, SRG11, Sha15d, WN18]. **characteristic-based** [LYQ<sup>+</sup>15]. **characteristics** [GWX14, Kiz18, NB16, WPC15]. **characterization** [OSN17]. **characterizations** [NA11c]. **chart** [AM13, ASBM19, AKJ16, AAJ16, ASA<sup>+</sup>17, AH18a, CS13, CHB18, Cha17, FKS10, FHSC14, GVTGH<sup>+</sup>18, Gau10, Gau11, Haq14, HK16a, HK18a, HWA<sup>+</sup>14, HOR17, HCT19, HLL18, LPJ14, LAuaS<sup>+</sup>15, LMSX16, LP10, MQR18, NMS18, NTG13, OWKC15, Rav19, SSMF18, SFS15, SLLZ18, SKTC11, TCHS19, TPM17, VGTGCFC17, YZL17]. **charts** [AF17, AH19a, AH19b, AP15, AO12, CM10, Cha17, CC11b, CKPS11, Dog15, GWX14, HBMAO15, HM18a, Haq19b, HP11, HL15, HSJ18, KPM16, KP19, KL13b, Li18, LWS19, MM13a, MMR16, MLCL18, MH17, NTC<sup>+</sup>19, PC11, RA14, Rak16a, RNH19, SHST13]. **checking** [AB18, ZLQ<sup>+</sup>17]. **checks** [CYPGGM16]. **Chen** [KTSR17]. **Chi** [Yoo13, CM14, CF10, SLD16]. **chi-square** [CM14, SLD16]. **Chi-squared** [Yoo13, CF10]. **child** [DRAR19]. **Chile** [PSY18]. **Choice** [GGG19, Ahm16, AS15b, GGM18, LLB12, Zie11]. **choices** [ASS11, KC14, PJ15]. **Cholesky** [BKR17]. **Choosing** [Pam19, RRB10, PP15, Li14]. **circles** [ASM19]. **circuits** [XBL18]. **circular** [AHM13, DFPT16a, DFPT16b, FDGD16, KS17b, LP13, MC16, ZA12b]. **circular-linear** [MC16]. **claim** [GY16]. **class** [AYR16, AS15c, BPH12, BSC14, CF17, DP15, GTB14, KF16, Lin14, MBKW19, MMP12, OY15, OWLP16, Özk19, RN18, SM18, XY11, Zie11]. **Classes** [RS14]. **classic** [Sha10h]. **Classical** [Gun18, NKP14, IGR13, LGWZ18, PWW15]. **Classification** [JKM16, LL19, CVL18, HZL16, JK19, KOM19, LAGM11, NdCOP15, SKTC11, YL14]. **classified** [CC17a]. **classifier** [DW19b, RZ12, TK18]. **classifiers** [MM15].

**classifying** [MMP19]. **clinical** [BD17, DS11, LN13, Sha14e, YYW15].  
**clipped** [CP12]. **cloning** [AWH19, GC17b, MRBR15]. **Closed**  
 [KL12, BV16, HCY16, LR18b, MCW17]. **Closed-form**  
 [KL12, BV16, LR18b]. **closed-loop** [MCW17]. **closeness** [AB11, BDKM11].  
**cloud** [LYL17]. **clumped** [RGNM13]. **cluster** [AL18, KOM19, KL18b,  
 LCN<sup>+</sup>17, MT13, QKUH18, QRH19, TK18, VHV<sup>+</sup>16, YS19]. **clustered**  
 [Ali14, CCF19, DL13, FMV<sup>+</sup>19, HBL14, IPK10, QKUH18, QRH19, SMM19,  
 She15b, Su16, VHV<sup>+</sup>16]. **Clustering**  
 [CVL18, KBL<sup>+</sup>15, MMP12, AF12, CP14, CH15, CPP<sup>+</sup>19, DLS18, DF19,  
 HZSA19, Ism16, KLK15, MMP19, MA17, NG16, PSS15, RWCD17, SP16,  
 SC16, SZS16, TJK13, VVNTVD<sup>+</sup>17, WH17]. **clustering-based** [SP16].  
**clusters** [AL18, LLP<sup>+</sup>14, SPS19]. **CO** [Sha19f, DS18]. **co-dependence**  
 [DS18]. **coarsened** [BBV17]. **code** [UM14]. **codes** [VP16]. **coding**  
 [DTZZ12]. **coefficient** [BKJ16, CS13, CT14, Hay15, HM13, HLN<sup>+</sup>15, LYZ11,  
 LM18a, LCZ18, LZZM18, LLB12, MCZ17, MFR<sup>+</sup>18, MMK14, NO10, NX18b,  
 NTC<sup>+</sup>19, NdCOP15, PB15, QMZ16, RNA17, SCW16, TCM11, WL15a,  
 XZD15, YLG15, Zie11, vdAvA15]. **coefficients**  
 [LL17, LXZ11, LLM16, LM18b, NJdC14, SCW16, SW18, XLB12, Xu17a].  
**COGARCH** [MRBR15]. **cohort** [FMZ18, Fuk11, Yu11]. **cointegrated**  
 [AHC15, HAC16]. **cointegration** [BD12, GHJC10, LLS13, LL15a]. **cold**  
 [JG16]. **cold-standby** [JG16]. **Collective** [HBFSGD11]. **collinearity**  
 [JR18]. **column** [Sta10]. **COM** [ASA<sup>+</sup>17]. **combat**  
 [BKR17, BAT11, LLV<sup>+</sup>14, RN18]. **combination**  
 [ATH12, GBCS16, LN13, WL14, Yan10]. **combination-based** [GBCS16].  
**combinations** [AJFB14, GBCS16, MC13, WM15]. **Combinatorial**  
 [Sha19o, VS15]. **Combined** [CM10, DYX15, Saz19, YXZ19]. **Combining**  
 [JvBF13, Özk12]. **Comedian** [SS12a]. **command** [SZS14]. **Comment**  
 [AH16, Lia14]. **Comments** [Lia11]. **common**  
 [BD12, LW14, SY15, TK15, XLB12]. **communication** [PSS15]. **Community**  
 [TD19]. **compact** [SD15]. **comparative**  
 [AY13, BCT16, CGSTG18, CYPGGM16, DP15, DC13, MMK10, PMM18,  
 PF16b, RKV17, SNGMRC16, SK13, TD14, TNJ17, ZL11]. **compare**  
 [CHQ17, JCW19, NJdC14, RNSR19]. **compared** [MP15]. **Comparing**  
 [BAB15, DGK12, Jin15, MMP15, PQ19, PM10, Wil10, WEHCC14, vdAvA15,  
 CCP12, CB19, GMG13, HM17, KKE17, LL13, MMP19, MG17, Sha15a].  
**Comparison** [EKE<sup>+</sup>18, HTZ<sup>+</sup>16, JMM<sup>+</sup>17, MY13, NGXZ14, PV17b,  
 PAFPM12, Rai12, dESM15, TJK13, TK14, Tu19, TRC<sup>+</sup>18, ASM<sup>+</sup>11, AB14,  
 AGM15, BAJN14, BZF18, BD17, BCO13, Car19, CQJ12, CLC19, CNP19,  
 DDDD10, DS10a, DS10b, FGH14, GHRAM13, IGR13, KB18, KEW13, KL12,  
 KL13a, LXL17, MS18b, Mur12, NA11b, NA11a, NNB14, OJRACL18, PP10,  
 PS19a, PRMM12, PQ14, PB15, RY13, RM19, RDC10, SJN15, SRP11,  
 SEGMA19, ST13, SLSW15, SY17a, SBK13, SK17, SBMF18, Tsa11,  
 UGMK13, VKK14, WLL12, Wu16b, XLMX19, YP10, YL15]. **Comparisons**  
 [DL13, Fam12, Hwa11, YS11, Ahm19, GP15a, KLK17, KP15, Li15b,

LWT<sup>+</sup>17, RRB10, RBHSL11, RAB16, TQP10, Wil15, Zha15]. **compatibility** [GB15]. **compensation** [LJ18]. **competing** [AE17, AYR16, ARY16, ARY17, Bør15, CLC17, DG16, DK17, FMZ18, GK16, HU14, HH15a, HW17, Ili15, Lee17, MSS14, WYW12]. **competitive** [TMG18]. **complementary** [BZAZ15, RYS11, TLRB14]. **complete** [AE17, CLS<sup>+</sup>19, GTB14, GAB14, JvBF13, LL16, PM10, SH16]. **complete-data** [JvBF13]. **complex** [CM16, Kum15, Lu14, RCL15, ZCZ15]. **Complexity** [HC10, MPB19, Pam19, SZS14, Zie11]. **component** [AHJ16, Car16, EXH16, Fuk16, HC17, LCLP15, LZ10, VKK14, WZS17, YBAA15, ZLQ<sup>+</sup>17, vGK17]. **component-based** [ZLQ<sup>+</sup>17]. **components** [AL18, CCF19, Car16, Cha16, Fuk11, LGW16, SR11, YXZ19]. **components-combined** [YXZ19]. **composite** [BTR16, CS16, CS17, HC15, LYQ<sup>+</sup>15, LLQ<sup>+</sup>16, XZ19, YZX18, ZL16]. **composition** [FP15b]. **compositional** [Sha19d]. **compound** [AÖ13, Che19, OWLP16]. **comprehensive** [LX14]. **compression** [DTZZ12]. **Compromise** [ARB13]. **Comput** [Pak11]. **Computation** [AA16, Nom14, PNN17, Sha19p, SHST13, WYX17, BF12, BZAZ15, CRV15, JL16, KK15, LZGW14, OO12, PGF19, PF16a, PRNG18, Sha15i, TNJ17, WJ17, ZHB18]. **Computational** [EFGMD13, SZM17, WLL12, WC14, DL13, FNRCM17, FGHRM12, HTZ<sup>+</sup>16, JCW19, RB18, Sha14d]. **Computationally** [HRR<sup>+</sup>17, VAW15]. **computations** [MSA12]. **compute** [CP14]. **Computer** [CKP16, DP13, Kum15, LH14, Sha19i]. **Computer-aided** [CKP16]. **Computing** [SGTKBL15, SLD16, ACG<sup>+</sup>16, LWT<sup>+</sup>17, RGNM13, XHEM17, YS13, YQ19]. **concave** [BF12]. **concentration** [Chr15]. **concentrations** [PAFFPM12]. **concentric** [ASM19]. **concept** [MKL13]. **conceptual** [KÖ19]. **concomitants** [AJFB14]. **concordance** [Mar14a]. **Concurrent** [AD16a]. **Condition** [SGG18, NX18b]. **Conditional** [GDPH12, HCT19, JK14, ZZ15b, AHAM15, Bai16, CL15, CI15, Che18, CWM17, DFPT16a, ES11, GB15, KC16, KÖ19, LC18, MKW16, MARS19, PB19, SM15, SL15, THR18, Tsi15, UM14, Yua15]. **conditionally** [Ahm16, AR16b, BPH12]. **conditioned** [Kib12]. **conditioning** [JR17]. **conditions** [Ahm19, Kel16, LSF<sup>+</sup>17]. **conduct** [NB18]. **Confidence** [AKS<sup>+</sup>15, HK18b, Hay15, MADASAM11, WN11c, WN12, WN13, YXZ16, AR10, AB15, Bia15, BBC10, Bur14, CSJ17, Ili15, Ili16, KKE17, KL13a, LL17, LZ11, LLB12, Moh17, MC14, RAK16b, Rin12, RNA17, SG18, Tar12, Tsa10a, WM12, WY11, Zar17, Zha15, ZMW13, vdAvA15]. **conjugate** [AL15, DD12, WL15c, ZWDM19]. **consecutive** [HM17]. **consideration** [AYJ11, WW19, WCW15]. **Considering** [HL15, NdCOP15]. **Consistency** [SWW19, BDKM11, NB16]. **Consistent** [NB15a, LW12, LZZW17, NB13a]. **constancy** [YK15]. **constant** [AS15a, AKS<sup>+</sup>15, ER19, IAGEK11, LHLB19, QX12]. **constant-partially** [AS15a]. **constant-stress** [ER19, IAGEK11]. **constants** [Lia10]. **Constrained** [DSP15, CMCH12, GHMR19, HL15, LMRW17, SML19].

**constraint** [AGA18, LPY18]. **constraints** [MSS18, ZY15]. **construct** [LJV<sup>+</sup>18]. **constructing** [Gau10, KM14]. **Construction** [Bia15, HCY16, LZ11, BK17a, HM17, Kia12]. **consumption** [KKL<sup>+</sup>15, YFT10]. **contaminants** [BG11a]. **contamination** [CC17a]. **context** [MWL14]. **contingency** [Alt19, BS14, Lin14, NBB15, NKZ19]. **continuation** [SWXJ18, SZJW19]. **Continuous** [SLM16, AHJ16, BK17b, Fan19, JSM13, KNM<sup>+</sup>15, LL18b, San12, Sha15d, Tso15, WZ13]. **contrasts** [KKM16]. **contribution** [SGTKBL15]. **contributions** [SJZ17, SG18].

**Control**  
 [AF17, Li18, LWS19, NFFM12, RA14, Tsa11, ASBM19, AP15, AO12, AKJ16, AAJ16, ASA<sup>+</sup>17, CS13, CM10, Cha17, CC11b, CKPS11, DH14, Dog15, EKE<sup>+</sup>18, FKS10, FHSC14, GVTGH<sup>+</sup>18, Gau10, Gau11, GDPH12, GMG13, GWX14, Haq14, HBMAO15, HK16a, HK18a, HOR17, HP11, HSJ18, IS13, Kan17, KPM16, KP19, KL13b, LAuaS<sup>+</sup>15, Li15b, LMSX16, LP10, MM13a, MMR16, MLCL18, MQR18, Moi17b, MH17, NMS18, NTC<sup>+</sup>19, NTG13, OWKC15, PC11, Rak16a, Rav19, RNH19, RNA17, SSMF18, SFS15, Sha19g, SOH13, SHST13, SZS14, SKTC11, TPM17, VGTGCFC17, XZY13, YZL17]. **Control-variate** [Tsa11]. **controlled** [BBL13, FS15b, JMM<sup>+</sup>17]. **controlling** [LPJ14]. **controversy** [CM14]. **conventional** [IJL18]. **Convergence** [DRB17, CLS<sup>+</sup>19, FM19, JL16, VHV<sup>+</sup>16]. **convex** [CPP<sup>+</sup>19, QX12, SWXJ18]. **convolutional** [GP19]. **Conway** [COBH11, SY19]. **coordinate** [Kim18, Nom14, SP16, TW14, Wu13, YZ14]. **coordinate-wise** [Kim18]. **coordinates** [OvP10]. **copula** [BS14, CR18, JWWdL16, KK14, Med16, NS18, Su16, SU18, UY12, WWW15]. **copula-based** [BS14, CR18, KK14]. **copulas** [CS18b, GHH17, Hof12, DDJ16, MS11, PBSZ13, PNN17, Yos18]. **copy** [RRDU13]. **correct** [AP17]. **Corrected** [CCC10, MD18, TN16]. **correcting** [NP16, ZA11]. **Correction** [Ano19, ABGM18, AI12, BT14, EE15, dlCHBCD19, Rai12, SY15, Wes16, Wil11]. **corrections** [AB16a, LCM12, WJ19]. **correlated** [ADRA15, BK17a, BAB15, Dia10, KC16, LYLM17, NTG13, PQ14, RAN11, RBK16, Xie14, YQ19, ZC13]. **Correlation** [HN11, LJ18, ZCZ17, AY13, FRL17, GGG19, Ho16, HM19, JW18, KOM19, LLGP17, LP17, LCZ18, LLM16, MM13b, Mal16, SA16, TCM11, Wes16, WD16, WN12, XLB12, YR15, ZZ15a]. **correlation-based** [ZZ15a]. **correlation-network** [KOM19]. **correlation-type** [WD16]. **correlations** [PQ14, SE11, THR18, WRP18]. **correspondence** [FAT19, Rin12]. **corresponding** [Cha17]. **Corrigendum** [Ano15a, Ano16a, Ano16b, Ano17a, Ano18a]. **Cosine** [PSS15]. **cost** [ARB13, DB10, GB17b, KGA12, Sha19b, UA16, VM19, WW12]. **cost-effectiveness** [Sha19b, WW12]. **count** [ATF19, ABM17, BG11b, CF15, FMV<sup>+</sup>19, FPG13, HK16b, HTZ<sup>+</sup>16, KNM<sup>+</sup>15, KC14, KF16, LS14, LWS19, MH16, OJRACL18, RIY18, SMM19, SM18, TGL12a, Tso16, WJ19, dSdS17]. **counting** [BBM18, IRNB18]. **counts** [LWT<sup>+</sup>17, Wei12, YWL18]. **coupling** [MH12]. **Covariance**

[Lem11a, AvR15, Cha15, CLC19, CB11b, Fal16, FWF16, LZZW17, MPB19, Pam19, PGT11, QMZ16, SH19, WLSZ18, Wes16, Wil15, XWZS15, Xu17b].  
**covariances** [APF18]. **covariate** [DSP15, Hua16, JSM13, KA13, MFD16].  
**covariates** [CB10, DDD17, FVB13, GM16, Kal14, KSLN<sup>+</sup>18, LYZ11, Seo11, SXTJ17, YD16, ZY19, ZFZQ18]. **Coverage** [AB10, AKS<sup>+</sup>15, Jon16, Tak17].

### **Cox**

[Aus18, CCM12, CWM17, OS14, sS11, TD14, TNJ17, YHWS18, YD16, ZF11].

**CRC** [Sha19i]. **credible** [RZ12]. **credit** [CKP15]. **cricket** [PDS16]. **Crisis** [Juh16]. **criteria** [AKU11, DS11, GHJC10, HZ14, Kal14, LDB10, LN13, Lin14, LT16, MMK10, Mar14a, MMK14, PSK14]. **criterion**

[LYQ<sup>+</sup>15, LLQ<sup>+</sup>16, XY16]. **criterion-based** [XY16]. **Critical**

[LCZ18, RR13b]. **Cross** [AÖ16, HN13, Bai16, FF14, TS14, VAW15].

**cross-sectional** [TS14]. **cross-trained** [FF14]. **Cross-validation**

[HN13, VAW15]. **crossed** [GI17]. **crossing** [EB19, PQ19]. **crossover** [CB19].

**CTP}** [OJRACL18]. **Cubic** [GLB17, RCL15]. **Cumulant** [KK12].

### **Cumulative**

[MCBPF16, PK17, Lee17, MMR16, MH17, RASR16, XLZ18, Zar19, ZMW13].

**Cumulative/dynamic** [MCBPF16]. **Cure**

[FVB13, FOC14, GBdL16, GGdC17, GGdC18, LVB18, OS14, PB17, RBC<sup>+</sup>15].

**current** [PL18, SK11]. **current-status** [SK11]. **Curtailed** [CYL17].

**curvature** [Wil15]. **curve** [AF12, MCBPF16, Sha15d]. **curves**

[BCO13, CHQ17, ODBT15, SSD17, Sha15d]. **CUSUM**

[AH19a, AH19b, HM18a, Haq19b, HCT19, Lee19, MM13a, SHST13]. **cycle**

[FR15]. **cycle-equitable** [FR15]. **cycles** [Juh16]. **cyclical** [AA11].

**cylindrical** [LP16a].

**D** [SYL<sup>+</sup>14]. **Data** [JY13, MRBR15, Sha18a, Sha19q, AE17, AHAH14, ASM<sup>+</sup>11, AS15a, ASM17, AR10, AMB12, AYR16, ARY16, ARY17, AAS18, AWH19, ASS11, AS15b, AB16b, AD15, AD16a, ATF19, AP17, ABM17, AR16c, AI16, AY18, AAY19, AH18b, BZF18, BBW17, BCT16, BAB15, BMP12, BK17b, Bor17, CCF19, CLDB16, CGA10, CGAP19, Che14, CL14, Che18, CM19, CHT16, CWM17, COS11, CYPGGM16, CBG16, DS11, DRAR19, DSP15, DRC<sup>+</sup>16, DP15, DG16, DTZZ12, DL13, DNMT18, DS14, DK17, DLS18, DB10, DC13, DFT17, EXH16, FW15, Fan17, FHS12, FMV<sup>+</sup>19, FPG13, FAT19, FTS10, FHO15, Fuk16, GYV<sup>+</sup>13, GTB14, GEC19, GDPH12, GC17b, Gun18, GGAM13, GWH14, GIDB15, HBL14, HU14, HP15, HK18b, HK16b, HC17, How13, HH15a, HLN<sup>+</sup>15, HWWZ16, Hua16, dlCHBCD19, HNPB18, IPK10, Ili15, Ism14, JYML13]. **data**

[JSM13, JWWdL16, JvBF13, JTL18, Kan17, KKY15, KNM<sup>+</sup>15, KAJB19, KA13, KC14, KM12, KVK15, LH18, LDCL17, LP13, LP16a, LL18a, LDB10, Lee11, LAGM11, LWS19, LNC17, Lin14, LT16, LXL11, LLM16, LYLM17, LC18, Lue19, LLT12, MB13, MSS14, MH16, MC16, MHA10, MBL15, Mei11, MT13, MTS14, MPB19, Moi17a, MR17, NG16, NTZ19, NB15a, NB16, NMPR14, NTG13, NJdC14, NMOV18, NA11d, Nou17b, OJRACL18,

OCPC12, OS14, OMY12, PB13a, PB13b, PQ19, PS19a, PS19b, PZY<sup>+</sup>14, PP15, PPK16, PP19, PF16b, PL18, PS14, PV19, QLW16, QMZ16, RZ12, RZ13a, Rak16a, RY13, ROCH16, RdSF16, RAJ16, RL15, RWCD17, RT19, RSD14, RIY18, RCL15, SNGMRC16, SS12a, SEGMA19, SB15, SPS19, SMM19, SLA17, STL16, Sha14f, Sha19k, Sha19d, Sha19h, Sha19o, Sha19u]. **data** [Sha18c, sS11, SK11, She11, sS12b, She12, She14a, She14b, She14c, She15a, She15b, SOH13, SK17, SC19, SHP12, SK16, Shu12, SH19, SBMF18, SEAEM13, SZWL19, SWLZ15, Su16, SZM17, SS13, SBD10, SJ10, TX14, TS14, TGL12a, Tso15, Tso16, TKK19, UGMK13, VFLR10, VKK14, VHV<sup>+</sup>16, VK14, WYW12, WH14, WL15a, WW16a, WWW17, WM12, WN11a, WDY18, Woo10, Wu13, WFC<sup>+</sup>18, XHYX14, XZ19, YK15, YL15, YCD15, YWL18, YWZ18, YQ19, Yu11, YXZ19, Yuc17, YA16b, ZX12, ZL11, ZP14, ZS16a, ZLW16, ZCW<sup>+</sup>17, ZY19, ZS18, ZFZQ18, ZF16, Sha15d, Sha15e]. **data-dependent** [ASS11, AS15b]. **Data-driven** [JY13, Sha18a, ASM17, SNGMRC16, SPS19]. **Data-oriented** [Sha19q]. **datasets** [CP14, DW19b, MZZ<sup>+</sup>19]. **DataSifter** [MZZ<sup>+</sup>19]. **de-grouped** [CM19]. **deal** [RKV17]. **dealing** [ASM<sup>+</sup>11, KS16]. **Decision** [Sha19r, GMG13, LLV<sup>+</sup>14, MES19, NSMFR15]. **Decomposition** [CJS10, AP12, BKR17, CL15, LS11]. **decompositions** [Fuk11]. **deconvolving** [Lüt15]. **decreasing** [JG10]. **Deepwater** [JKP19]. **defined** [HL13]. **definite** [HLVRS18, QX12]. **deflation** [BBM18, LWS19]. **Degradation** [WZS17, AH18b, DW18, PBSZ13, RPFOMGRM17, SK18, WGC14, WBGJ15]. **dementia** [Yu11]. **denoising** [CC12]. **densities** [Bai16, Bot11, CYRO18, DFPT16a, LL13, THR17, THR18]. **Density** [LSA<sup>+</sup>15, QPQ18, Ame12, BBW17, CH15, DFPT16b, DI11, GZL18, GV18, HLVRS18, HWWZ16, JY14, JP11, JP14, KAJB19, KL17a, LL10, LWZ17, DMV17, NJ18, SNGMRC16, SJN15, Tsa18, VVNTVD<sup>+</sup>17, WZ19, YBAA15]. **density-based** [SJN15]. **departures** [JKLR11, RIY18]. **Dependence** [Gha16, DS18, Da 15, DM16, Gha19, KAJB19, KK14, Wei11]. **Dependency** [GBCS16, BR16, DDDD10]. **dependent** [ASS11, AS15b, AR16b, CL15, CGP15, DP13, Fan19, HSC16, IRNB18, JCW19, KA13, LWS19, MB13, MMP19, PV19, PL15, SWW19, SRK13, SB13, Wei12, Yan10, YD16, ZX12]. **depth** [DS11, DC15, NB15b, PS19b, SK17, SC19, Wil10]. **depth-based** [DS11, DC15, SK17]. **derivation** [Hat16]. **derivative** [Tsa18]. **derivatives** [Bai16]. **derived** [LPV13, SLM16]. **descent** [TW14, Wu13, YZ14]. **description** [AP19]. **Design** [DT13, KL13b, San12, ARQ19, BD17, CC11b, DG19, ER19, FMZ18, FKS10, FHSC14, Gov17, Hir11, HCT19, HSJ18, JP17, JR16, JR17, KP19, LSL10, LXL17, LPS13, MJ16, NMS18, NTG13, PT14, RNA17, RNSR19, SSMF18, SFS15, Sha19g, SJ10, VM19, WC17, Wil15, Zha15]. **designing** [AS12, ABJR13a, ABJR13b, BU17, LMSX16, RNH19]. **designs** [CKP16, CB19, DBC12, FR15, HM17, KM14, KPM16, Kia12, KEW13, LF16, LJV<sup>+</sup>18, LY15, Lu19, SP16, Sta10, TdSC19, TPM17, VFLR10, Woo10,

XMC<sup>+</sup>14, YS18]. **destructive** [GBdL16, GGdC17, PB17]. **detect** [Aus18, DHP14, JY13]. **Detecting** [LGWZ18, MV14, LM16, Noo19, PC11]. **Detection** [AHM13, LH15, AKU11, CCF19, DC13, HMM13, Jur12, MT13, Par17, PMP14, SS12a, SDWL17, SO10, TD19, WLCL18, YWZ18, YTNT14, ZGW14, dSdS17]. **detector** [SHLT17]. **determinant** [GGG19]. **determination** [IP14, JK14, Su16, TZSP19, TKÖ19]. **determining** [SA16, Sta10]. **deterministic** [DTZZ12]. **detrended** [CLL10, Lin16]. **Developing** [AWJ<sup>+</sup>13, BU17, Mån13]. **Development** [HWA<sup>+</sup>14]. **deviance** [Adr18, YL14]. **deviances** [RM19]. **deviation** [CP12, Haq14, Wil11, ZZ15b]. **deviations** [NHA18]. **device** [CCF19]. **Diagnostic** [VRC13, AB18, BSS17, BCO13, DGK12, FAV18, Njdc14, PS19a, RNA17, RNSR19, WZ13]. **Diagnostics** [CL11, CA19, AAG<sup>+</sup>19, AAAQ19, BMK14, DR17, FLB15, GLO14, LjL15, dCOC16]. **diagonality** [Xu17b]. **dichotomous** [SCL<sup>+</sup>18]. **Dickey** [MK12]. **dictionary** [LMRW17]. **Difference** [Lu14, ADRA15, AD12, BF12, DA13, Kla15, KL13a, PB15, RZ12, Wu16a]. **Difference-based** [Lu14, ADRA15, DA13, Wu16a]. **differences** [Per10]. **different** [AKU11, DAP15, Han17, HTZ<sup>+</sup>16, LWT<sup>+</sup>17, LPS13, MQR18, NA11a, PC10, RdSF16, TRC<sup>+</sup>18]. **differential** [JSM13, NHWT14, OSdVM13, WS16]. **differentially** [LM16]. **diffusion** [DSE16, DF14, NHWT14, SYL<sup>+</sup>14]. **diffusion-type** [DSE16]. **diffusions** [PF16a]. **digital** [XBL18]. **dilation** [Zar19]. **Dimension** [DKY17, Par11, ZLZZ18, Adr18, Ahm19, MT13, XLZ18, Yoo13, dCFOM12]. **dimensional** [AvR15, AAG<sup>+</sup>19, AB13, AAY19, BTd18, CCF19, CAC17, Che18, CLC19, DLS18, DW19b, DDD17, HM18b, HH15b, JSM13, KOM19, LKM<sup>+</sup>15, LL16, LY18, LLBL14, LC18, MCZ17, MWL14, PZZ19, Par17, QLW16, RY13, RT19, SS12a, SZJW19, SE11, SH10, TS16, WLCL18, WLSZ18, Wu13, XX15, Xu17a, Xu17b, YHWS18, YWZ18, YXZ19, ZFZQ18]. **dimensionality** [Fan19, SA16]. **dimensions** [DR17, SWXJ18]. **directed** [TZSP19]. **direction** [YK15, ZWCK16]. **directional** [KK14]. **directions** [Lue19]. **Dirichlet** [Ber12, HZSA19, HBC11, SPS19, YZWM19]. **disaster** [JKP19]. **Discover** [Sha19f]. **discovery** [LPJ14, Li15b, PZY<sup>+</sup>14]. **discrepancies** [HH17]. **Discrepancy** [TA11]. **Discrete** [KC14, TTK19, AÖ13, GB15, GB18, GDCO11, JO11, Lee17, MB13, MA17, MC16, QKY16, TZSP19, WCK11, ZAK13]. **Discrete-time** [TKK19]. **discretely** [XZZ15, Zha16]. **discriminant** [GOC18, HZL16, OMY12, RY13, SE11, Shu12, SAM13a]. **discriminate** [BSS15]. **Discriminating** [Pak10, dB15, Pak11]. **discrimination** [JWWdL16, PSV11, SLSW15]. **disease** [SZS16]. **dispersed** [HK16b, SMM19, SKJ17, Tso16]. **dispersion** [AM13, CW16, CNS12, DFT17, Haq14, PA15, SP11, dSSCR19]. **dissimilar** [AD16a]. **Distance** [Käm13, AP12, AGA18, BMK14, GL16, Jin15, Kim18, LF16, LGWZ18, SG18, WZ18, YR15, ZX14, ZZ15a]. **distance-based** [GL16, LGWZ18]. **distances** [WY11]. **distinctness** [Yuc17]. **distortion**

[ZCZ17, ZLZZ18, ZLL19]. **distributed** [DH14, DRLP14, DGW10, GWX14, LCN<sup>+</sup>17, Lüt15, McF16, ÖK17, Özk19, TK16]. **Distribution** [MMR16, SBK13, Yan10, AE11, AHAH14, AHA15, AHH17, AAR15, Aci18, AJM11, AMB12, ARY15, AYR16, ARY17, ADA18, AG19, AKA<sup>+</sup>16, AAS18, Akg19, AZS15, ASH16, AL15, AO12, AY15, Ali15, AB16b, ATON18, AAVG16, AVK15, AJA11b, ABJR13a, ABJR13b, AKJ16, ASA<sup>+</sup>17, BAJN14, BCY16, Bak14, BDKM11, BS13, BZ14, BZAZ15, BZ16a, BSSC10, BSdMC11, BB12, BET16, BT16b, Ber12, BBT13, BMP12, Car16, CMC13, CM17, CC16a, Che11, CM19, CMX17, Coi13, CLAH17, CL10, COS11, CGdSO13, CNO13, COL14, COP14, COS14, COP15, CBG16, DA14, DTRB11, DN13, DD12, DAP15, DNMT18, DYT10, DA16, DB10, DAB11, DB11, DDZ13, DC19, DPK11, DKG16, EDASM17, ER19, EG18, FH15, FM15a, Fre12, FM15b, GGdC18, Gen13, GY16, GAB14, GSW17]. **distribution** [GdSCO14, GDCO11, GDCO18, GdCCDS18, GA15, GWH14, Han17, Haq17, HK16b, Hay15, HN11, HC17, Ho12, HOR17, Hua11, Ili16, Ism10, IAGEK11, Ism14, JZD18, JGPF17, KR13, KAT15, KTSR17, KAR13, KLK14, KN15, KN16, Kiz18, KK12, KM12, KK13, KVK15, KDG17, KR15a, KS17c, KR15b, LLGP17, LPK18, LRV17, Lem11c, LMFMA15, LX16, LW17, Lia14, LHB11, LH12, LLN13, LHB13, LL19, LR18b, MJ16, MTSR19, MD18, MARS19, Muh16, MADASAM11, NKP14, NK15, NCO11, NCO12, NSR14, NB13a, NB13b, NB14, NB15a, NB16, NLHD12, Noo19, NA11c, NNB14, NP16, NJ18, OJRACL18, OWLP16, ÖI10, PS16, POCdP13, Par17, PPK16, PF16b, PS14, PJR15, PK11, QKY16, ROCH16, RAB16, RT14, RASR16, RB12, RN14, RPN15, SJN15, SEGMA19, dESM15, SKK12, SGG13]. **distribution** [SN17, SBS14, SSD17, Sha18c, Shi15, SK16, Shu12, SK18, SSK13, STW15, SEAEM13, SC12, SAT16, SU18, TCA<sup>+</sup>18, Tak17, TLRB14, TP15b, Tsa18, TKB16, Tza11, TP13, UG10, VSG<sup>+</sup>18, WCC13, WW16a, WSLX17, Wan18b, WY19, WM12, Wu10, WL10, WWCL11, WLL12, WZX13, WC14, YL18, YCXN14, YXZ16, Zha14, ZHB18, ZWDM19, ZGW14, dABS16, BMM14]. **Distribution-free** [MMR16, SBK13, Par17, ZGW14]. **distributions** [EB19, AJFB14, ARY16, AOH16, ACN<sup>+</sup>17, AACR18, AR16c, AGM15, AGA18, AJA11a, ABA16, AD12, BCJG12, BSS15, BK16, BSC14, BCY<sup>+</sup>17, CCZJ17, Che14, Ci15, CYL17, CC17b, CdC11, Cor13, CAM16, CAO<sup>+</sup>17, CF17, CBG16, DSCS19, DYA19, FDGD16, FMB16, FGV14, GLLO14, GTB14, GB15, GOC18, GEC19, GLB17, GGAM10, HEB13, HH17, HBFSGD11, JO11, JWwDL16, Kla15, KP18, LK17, Len11, LW14, LBN<sup>+</sup>19, LY13, LHLB19, Lon12, MAV17, MLCL18, MG17, MQR18, NCO15, NTZ19, NGXZ14, Nou17b, NFFM12, OY15, OS14, Pak10, Pak11, PB13a, PPGT19, PK16b, QPQ18, RAK16b, RS14, SB12a, SRG11, SDS16, SBK13, SWZ15, SG15, SAM13b, SAM13a, TS17, TZC<sup>+</sup>16, TNS14, TdC18, TCLY14, Wel16, XHEM17, YZL17, dB15]. **diurnal** [FFP16]. **divergence** [Ali12, Ali14, BMPZ14, DR17, DI11, GB15, GB18, KL17a, VK14]. **divergence-type** [BMPZ14]. **divergences** [LL10]. **diverging** [NKB19]. **divisions** [Kha12]. **DNA** [FMK15, RRDU13, TNM17]. **DNA/RNA**



[FMK15]. **do** [PCMA13]. **does** [SRP11]. **Domain** [LLV<sup>+</sup>14, RRV13]. **Domain-specific** [LLV<sup>+</sup>14]. **dominance** [KAWA12, NX18a, NX18b]. **Donoho** [VW11]. **dose** [CC11a, DS10a, DHP14, WDCK15]. **dose-response** [DHP14]. **Double** [Cha15, FHSC14, ABA16, CT16, DW17, DG19, FM19, HK18a, Lia10, MS18a, NKB19, PM10, sS16, sS19, WPXL14]. **double-censored** [DW17]. **Double-objective** [FHSC14]. **double-truncation** [sS16]. **doubly** [ASM19, DSCS19, McC14, sS11, sS12b, She12, She15b, TKJ13, YL15, ZL11]. **Downton** [HN11, LLN13]. **DP** [BCLM17]. **DP-Lasso** [BCLM17]. **drawing** [JvBF13]. **drift** [KSM16, MKL13]. **drifts** [ZST15]. **driven** [ASM17, AWH19, JY13, KBM19, KSM16, NB15b, SNGMRC16, SPS19, Sha18a]. **dropout** [NLK11]. **dropouts** [QZZ16, ZFZQ18]. **drought** [MMP12]. **drug** [AAG<sup>+</sup>19]. **dual** [CM16, LT16, LPS13, SZJW19]. **dual-frame** [LPS13]. **dual-inflated** [LT16]. **dual-record** [CM16]. **dubious** [MSS18]. **dummy** [HA13]. **duration** [LED16, MKW16, PB19, She10, sS16, sS19]. **durations** [DW17, FFP16].

**Dynamic** [RB17, dSdS17, BZF18, BKJ16, FMK15, JTL18, LTJB18, MCBPF16, PSS15, RASR16, SRK13, SS13, SBD10, SJ10, THR18, VBL17, YQ19, ZS18]. **dynamically** [Saz19]. **dynamics** [FF14, SYL<sup>+</sup>14]. **dynamics-based** [FF14]. **Dysfunction** [Sha19j].

**E-Bayesian** [Kiz17]. **each** [NO10, NX18b]. **early** [LBN<sup>+</sup>19]. **EBLUP** [PC10]. **econometric** [SZM17]. **Economic** [FKS10, KPM16, NMS18, NTG13, SSMF18, TPM17, FHSC14, HL15, KP19, LMSX16, Moi17a, SFS15]. **economic-statistical** [TPM17]. **ecosystem** [PSY18]. **Edge** [OCT18]. **edges** [SHLT17]. **Editor** [Kru12]. **Editorial** [Ahm15, GIP15, RP18, ZT14, Ano10, Ano11, Ano12, Ano13, Ano14a, Ano15b]. **Effect** [ASBM19, GVTGH<sup>+</sup>18, HBMAO15, LDB10, AL18, CCM12, LH18, LR18a, MC14, RASR16, RBC<sup>+</sup>15, WDCK15]. **Effective** [MC14, AVG18, CC11a, DS10a, PHCS11, WDCK15]. **Effectiveness** [MC13, LLV<sup>+</sup>14, Sha19b, WW12]. **Effects** [TC10, ATF19, AL18, Car19, CCMGA14, DM12, FBV18, FHO15, GC17b, GI17, HBL14, HTZ<sup>+</sup>16, Hua16, KE10, KLKK19, KEW13, KP15, LC19, LLWY15, LZ10, MBL15, NFFM14, PO14, PMP14, RRDU13, SH16, She15b, SJ10, TKJ13, TK16, VHV<sup>+</sup>16, XLW10, ZC13, ZB13]. **Efficiency** [ADRA15, MA10, Nou17a, RN18, GB18, JR16, Mar10, YZX18, ZL16]. **Efficient** [AHAM15, BF12, Chr15, DGLV17, JZD18, JLM15, LR18b, PJ15, SMBS10, TCLY14, WL16, AM13, BU17, DSVY14, Fre16, HRR<sup>+</sup>17, Hsj18, HM17, KM14, PSKC18, PSK14, SR11, VNM14, WT18, WYX17, YW14]. **eigenmaps** [Fan19]. **elastic** [MPB19, Pam19, PK16a, XX15]. **elastic-net** [XX15]. **electric** [DLZ19]. **electrical** [KBL<sup>+</sup>15]. **electronic** [MZZ<sup>+</sup>19]. **elementary** [SHLT17]. **Elements** [Sha18b]. **elliptical** [AJFB14, BMPZ14, CL11, DGW10, MFP17, ZA12b]. **EM-algorithm** [BSS17]. **EM-Type** [SL17]. **Embedding** [SF12]. **Empirical**

[Ak19, CS16, Che19, Ciu13, JGPF17, Wei11, Zha14, Zha16, AGM15, AGA18, BMM15, BZ16b, BMP12, CS11, CLC19, FW13, GHRAM13, GV18, Ho16, LPS13, LPV13, Med16, PL16b, RDC10, SJN15, Say12, TW14, XZY13, YS13, ZWDM19, ZY15]. **encryption** [DTZZ12]. **Encyclopedia** [Sha11c]. **endogeneity** [RKV17]. **endogenous** [HA13]. **Endorsement** [VC15]. **endpoints** [SKX<sup>+</sup>18]. **Energy** [LX14, SHLT17, SYL<sup>+</sup>14]. **energy-based** [SYL<sup>+</sup>14]. **engineering** [Sha19g]. **Engle** [LL15a]. **Engraulis** [PSY18]. **Enhanced** [AH19a, JR16, JR17]. **enough** [CC19]. **ensemble** [MKL13]. **ensembles** [ZF11]. **Entropy** [AOH16, BRY17, KL18a, KR16, LK17, LPK18, MA10, Nou10, NA11a, NN13, NNB14, NP16, NJ18, PK17, RASR16, ZA11, ZA12a, Zam15, Zar19]. **entropy-based** [LK17]. **environment** [LS11, LYL17, MKL13, XWMA18]. **environmental** [Sha10j]. **epidemic** [EKBO16, MT17]. **equal** [RRB10, RBHSL11]. **equality** [DVA15, IPK10, LBN<sup>+</sup>19, LXZ11, LLM16, LLB12, PA15, PGT11, SW18, SK17, TPW17]. **equalizers** [Käm13]. **Equation** [BH19, Con10, GHMR19, Gül10, JY13, LK13, SLM16, ZP14]. **Equation-solving** [BH19]. **equations** [Kha12, KMS17, NHWT14, SZWL19, TKG18, Wes16, ZPL16]. **equilibrium** [Alw17]. **equitable** [FR15]. **equivalence** [LZ10, Wel16]. **equivalent** [TGL12b]. **Equivariant** [TK15]. **ER-Boost** [YZ15]. **Erratum** [Ano14b, Ano15c, Ano15d, Ano15e, Ano17b, Ano18b, BMM14, Pak11]. **erroneous** [NdCOP15]. **error** [AHM13, AL18, CCZJ17, Car19, CSJ15, ÇŞ18a, CB10, GGSS19, HBMAO15, IJL18, KLKK19, LYZ11, LJ18, MG17, MFP14, MY13, PF16a, Rai12, STL16, Şir19, SGB13, TdC18, Tsa10a, TRC<sup>+</sup>18, WL14, YPL13, ZR14, ZA12b, ZY19]. **error-prone** [LYZ11]. **Errors** [GG11, ADRA15, BZF18, CL11, FW15, FHO15, GZB13, GM16, HAC16, HHC15, LH18, Lem12, LL15b, Lüt15, LK13, Moi17b, NAA18, NFFM12, OSN17, PO14, QZZ16, RAN11, RBK16, RIY18, SWW19, SD15, Sha10a, SCW16, THG15, TX14, Wu11, ZA12b, ZCZ17, ZLZZ18, ZLL19, ZS16b]. **Errors-in-variables** [GG11, RIY18, SD15, TX14]. **Essentials** [Sha19j]. **estimate** [CC19, Coi13, SU18, TKJ13, WH14]. **estimated** [AB10, CM10, Cha17, MM13a, NO10, NX18b, TCHS19]. **estimates** [AAVG16, BT14, CCM12, DL19, DS10a, DHP14, FRL17, GDR12, GDPH12, JP11, Jon16, NA11a, RASR16, WN11a]. **Estimating** [AS15a, Bur14, CDG<sup>+</sup>15, GD19, GC17b, LM18b, NAA18, PWW15, Yu11, AOH19, BAS17, CR18, Che11, FFP16, GBdL16, GM16, JMM<sup>+</sup>17, LED16, NB14, SNGMRC16, STS14, STW15, SZWL19, TK14, Tu19, Wes16, ZP14, ZPL16]. **Estimation** [ARY15, AHC15, AO11, AOR13, AWH19, AA11, AAY19, BB12, CM17, CSJ17, CCZ13a, CCZ13b, DNMT18, DDZ13, EDASM17, FNRCM17, FAV18, FPP18, Gen13, GOC18, GGAM10, GGAM13, Haq17, HSR15, HWWZ16, HKST17, KTSR17, KR18, KN15, KN16, KVK15, KDG17, KSM16, KR15b, LZZM18, LPS13, MES19, NK15, OvP10, ÖK18, PS16, Per10, PL18, SF13, sS11, sS12b, sS16, sS19, SEAEM13, SAM13a, TP15b, UY12, Wan18b,

YP10, ZS16a, ZB10, ADr18, AJM11, AG19, AMAMS12, AHAM15, Akg19, Akn13, AOH16, Ak19, Ali15, AB16b, AI12, AR16a, Ami11, ABM17, BR16, BL19, Bag11, Bak14, BZ14, BZ16a, BC19, BSS17, BAT11, BBW17, BT16b, BG11b, BAZ19, BBC10, BS12, BS14, Bor17, Bør15, BEBG14, BV15a, BH18, CG15, CB11a, CH19, CMCH12, ÇŞ18a, CS17, CJ13]. **estimation** [CCS12, CQJ12, CM16, CA12, CCK13, CWM17, Chr15, DD15, DN13, DD12, DAP15, DFPT16a, DFPT16b, DRLP14, DW17, DFT17, DPK11, DSVY14, EG18, FHS12, FGHRM12, FTS10, GGdC17, GG11, GTB14, GAB14, GRPP10, GHRAM13, GHH17, GMR15, HN11, HKK<sup>+</sup>16, HM13, HLVR18, HAH14, Hua11, HW12, HLN<sup>+</sup>15, HC10, IJL18, Ism10, JW11, JW18, JZD18, JP14, KSÖG11, KAJB19, KC14, KL17a, Kim18, KB18, KF16, KM12, KK13, KTJ18, LH18, LP13, LSL10, LL10, LS14, LOK16, Lem11b, Lem11c, LW17, LWZ17, LXL17, LYL17, Li18, LLN13, LSA16, LLBL14, LSF<sup>+</sup>17, Llo10, Lue19, MA10, MM13b, MAV17, MN19, MRBR15, MCBPF16, MD18, MT17, MS19, MAAM10, MADASAM11, NKP14, NB13a, NB13b, NB15a, NB16, NLHD12, NS18, NLK11, NAA17, PB17, PNN17, PMP14, PL16b, PK11, PK16b, QMZ15]. **estimation** [QKUH18, QRH19, RGNM13, RT14, RYS11, RKV17, RB18, RL14, SP11, SRP11, SM15, SA12, dESM15, SKK12, SGGC10, SGG13, SL15, SGÇ18, Sha16, She10, SK11, SY15, SCW16, SA15, SK18, SH19, Şir19, SB13, Stå16, SLM16, SR16, SWLZ15, SAM13b, SS13, SKJ17, SJ10, SGB13, TCA<sup>+</sup>18, THG15, TTWT19, TP15a, TS14, TK15, TC10, Tsa10b, TKB16, VBL17, VNM14, WZ13, WCK11, WGC14, WBGJ15, WBG15, WL15a, WY19, WZ19, Wes16, Wu10, WWW15, WZ18, WHX19, XZ19, YPAC11, Yos18, YXZ16, YD16, YA16b, Zha14, ZZ17, Zie11, ZAK13, dCOC16, dABS16, dCFOM12]. **estimations** [AHH17, BAJN14, FWF16, Han17, HHC15, Kiz17, SAK14]. **estimator** [AÖ16, AKS<sup>+</sup>15, AD10a, Ame12, BH19, BV16, BAKZ16, CTX18, CC12, DK10, DA13, FMV<sup>+</sup>19, Fre16, GFS15, HMP17, HY14, LW12, LZZW17, LGW16, Lu14, Mân13, MKSN18, NO10, NX18a, NX18b, Nou10, Nou19, ÖK17, ÖKD17, ÖK18, Özg18, Özk12, Özk19, PP10, PL15, QRH19, RBK16, RA17, RN18, STL16, SKM14, TKG18, TKJ13, WCK11, WW12, Wu16a, WYX17, XY11, YS19, ZA11]. **estimators** [Adk12, ADRA15, AKV17, AY18, BZF18, BDKM11, BRY17, Bru15, ÇK19, Cha15, CS11, CLC19, CCC10, DA16, DI11, EE15, FGH14, GVTGH<sup>+</sup>18, GP15a, GSW17, GB18, HA13, Hwa11, Kib12, KR16, LF16, LPS12, LP16b, Lon12, LR18b, LK13, MFR<sup>+</sup>18, Mar10, MPB19, NHA18, NN13, NP16, NJ18, Özk12, PSKC18, Pam19, PC11, PP10, PV17b, QYX17, SMBS10, SWW19, Saz19, SSK13, TKÖ19, Tza11, VVW11, Wil11, WLL12, YP10, YL15, YS19, ZA12a, Zam15, ZL11, ZCZ15, ZWDM19, ZBG18, ZMW13]. **ethical** [BD17]. **evaluate** [Hir11, LLP<sup>+</sup>14]. **Evaluating** [HA13, HSC11, LCLP15, LC10, Mar10, dLHT17]. **Evaluation** [BL19, BAJN14, GV16, HBC11, SFS15, vGK17, DL19, GSL<sup>+</sup>14, HL13, LX14, LH14, LPS13, TD14, TGL12a]. **event** [HNPB18, KM14, MBL15, PV17a, RCL15, Wu13, YYG16]. **event-related**

[KM14]. **events** [ASM17, CR18, CC11b, CMX17]. **every** [Sha19f]. **everyone** [Sha19s]. **evidence** [MV14, OSN17]. **Evidential** [DSE16]. **evolution** [MFD16]. **evolutionary** [San12]. **Evolving** [MBG17]. **EWMA** [AP15, ASA<sup>+</sup>17, AH18a, CM10, HSJ18, HLL18, KP19, TCHS19]. **Exact** [BZ16a, Cha17, Ili16, Lia14, LHB11, LHB13, LYLM17, Llo10, MSS14, PPGT19, Sha15a, SZ16, Zha11, AP17, BBV17, CBG16, DG19, Fre12, Ili15, LLB12, WT18]. **examination** [Car16]. **examinee** [Hir11]. **Examining** [MHA10, GYV<sup>+</sup>13]. **example** [YAEU13]. **examples** [Sha19d]. **excavations** [ASM17]. **exceedance** [CHB18]. **Excellent** [Sha14e, Sha14f]. **Excel(R)** [OO12]. **excess** [MH16]. **excesses** [GRPP10]. **exchange** [SP16]. **Exhaustive** [KLK15, LR18a]. **Existence** [NB16, EFGMD13]. **exogeneity** [KM17]. **exogenous** [AHC15]. **expansion** [Shu12]. **expansions** [MMK14]. **expectation** [Cha17, JK14, MBL15, MARS19, SWLZ15]. **expectation-maximization** [MBL15, SWLZ15]. **expectations** [WJ17]. **expected** [GC17a, MP15, PRNG18]. **expectile** [YZ15]. **Expedient** [Tso16]. **experiment** [Moh17]. **experimental** [SP16]. **experiments** [CB11b, NPJ14, San12, Sha19g]. **experts** [Li14]. **explicit** [Zör15]. **exploration** [FH11]. **Exponential** [JG10, ZLW16, AHA15, AMB12, AYR16, ARY16, ARY17, ADA18, BAJN14, Bak14, BDKM11, BZAZ15, BCJG12, BSSC10, BSS15, CCMGA14, Che14, CYL17, CCZ13a, CCZ13b, Coi13, COL14, CBG16, DN13, DAP15, DNMT18, DB10, DB11, DC19, DKG16, EDASM17, FM15b, GZL18, GVW17, GGA18, GMG13, GWH14, HN11, HBFSGD11, Ili15, JKM16, KAR13, KN15, Kiz18, KK13, KDG17, KL17c, LK17, LY13, Lia14, LHB11, LH12, LLN13, LHB13, LCB14, MSS14, MJ16, MКСN18, NA11c, OvP10, Pak10, Pak11, Rak16a, RG10, RAB16, RB12, RPN15, RS17, SB12a, SKK12, SBAA14, SBS14, SSK13, SZ16, TCLY14, TKB16, WSLX17, WY19, WY11, WC14, Wu16b, YL18, YS19, CM17]. **exponential-generalized** [GWH14]. **exponential-geometric** [BZAZ15]. **exponential-Poisson** [BAJN14, BSS15]. **exponential-Weibull** [COL14]. **exponentiality** [AD10b, AB14, DS14, NA11a, NA11c, NA11d, PB13b, TMG18]. **exponentially** [DH14, GWX14, Haq14, HBMAO15, HL15, LPJ14, MMR16, McF16, PB17]. **exponentiated** [AHA15, CC17b, COS11, CGdSO13, GTB14, GG16, MTSR19, NCO15, NTZ19, OCPC12, RT14, RB12]. **expressed** [LM16]. **expression** [Cha17, OSdVM13, Tsa18]. **Extended** [AP19, FMK15, RBK16, ASH16, CGdS14, CSPO14, DNMT18, GGAM10, GV12, Kuk19, PZY<sup>+</sup>14, dESM15, TKB16, ZS16a]. **Extending** [FR15, Sha19j]. **extension** [Aci18, CF10, Li14, LLXY17, NFFM14, RKV17, UGMK13, VP16, YLL17]. **Extensions** [Kia10, GDPH12, MGR15]. **extra** [HK16b, Mog11]. **extraction** [CSJ15]. **extrapolation** [WZ19]. **extremal** [MR17]. **extreme** [AO11, AB16b, CH14, FP14, Gha16, Gha19, LS14, MS18a, Pak10, Pak11, PV17b, PF16b, WY11, YCXN14]. **extreme-value** [FP14]. **extremes**

[CS18b, LdNdSF18].

**F** [LZ10]. **F-test** [LZ10]. **Factor** [SGG18, ABGM18, AB13, DW19a, EE15, GGG19, HKK<sup>+</sup>16, Ism10, MS15, NLOT19, XZY13]. **factorial** [Fan17, Lu19, Sta10, VFLR10]. **factors** [Wil11, XLMX19, ZS16a]. **failure** [ARY16, Ano14c, AAGV12, AH18b, COP14, DK17, DKG16, GP15b, IA10, JG10, Kan17, KAR13, KDG17, Lee17, Sha18c, SK18, SRK13, SEAEM13, WY19, YCD15]. **failure-rate** [SRK13]. **failure-step** [Ano14c, IA10]. **failures** [AVK15, LBN<sup>+</sup>19]. **FAIR** [Sha18a]. **faithfulness** [AW14]. **fallible** [RZ12]. **false** [LPJ14, Li15b, XX15]. **familial** [SR11]. **familial-longitudinal** [SR11]. **families** [Ten19, ZX14, ZBG18]. **family** [ACN<sup>+</sup>17, AACR18, AD12, BMPZ14, BCY<sup>+</sup>17, CCMGA14, Che11, CTX18, CdC11, CAM16, CAO<sup>+</sup>17, GHJC10, GVW17, GHH17, GDPH12, KL17b, KP18, Lüt15, MP16, NJR13, NCO15, ODBT15, PSKC18, RS17, TZC<sup>+</sup>16, XHEM17]. **Fan** [LL13]. **FARIMA** [RMS14, SB12b]. **Farlie** [UY12]. **Fast** [CTC17, DP13, FMV<sup>+</sup>19, JW18, MCZ17, MMT16, YQ19, DLZ19, FM15a, Ism16, KM14, Kim18, VAW15, YLL17]. **fatigue** [BSC14]. **FDR** [Hwa11]. **feasible** [ÖKD17]. **Feature** [YHWS18, Che18, LWZ17, LY18, MCZ17]. **feed** [dB15]. **feed-forward** [dB15]. **Fence** [NPJ14]. **Fiducial** [LX16, GGSS19, YL18]. **fiducial-based** [GGSS19]. **fields** [ABP16, APF18]. **filling** [Jou15b]. **filter** [CC16b, YTNT14, dSdS17]. **filtering** [FG13, Ned11]. **finance** [Sha13a]. **financial** [Ahm16, CGAP19, CL16, FFP16, GC17a, Gus15, HM19, MV14, Ral17, YTNT14]. **finding** [DI11]. **Finite** [AM19, RRV13, SA12, Wil11, Ak19, CHTZ14, DS10a, LC19, LZZ<sup>+</sup>15, Lu19, MAV17, MA17, MKSN18, NY16, PSKC18, Wes16, YWL18]. **Finite-population** [SA12, Lu19]. **finite-range** [YWL18]. **finite-sample** [Wes16]. **first** [CL11, DKG16, HP11, KL17b, KDG17, NSMFR15, SGTKBL15, SEAEM13, SC12, TP15a, WY19]. **first-** [TP15a]. **first-failure** [DKG16, SEAEM13]. **first-failure-censored** [KDG17]. **first-order** [CL11, HP11, KL17b, NSMFR15, SGTKBL15]. **Fisher** [Chr15, DBC12, PB12, PA15, RS15, WRN18, Yan10]. **fit** [AE11, AOH16, Ali14, AS15b, BPH12, BET16, BMP12, DS15, DC19, FH16, GEV18, JV14, KK12, LK17, LPK18, Li11, LLY19, MA10, NA13, NP16, Nou17b, Nou19, PB13a, QHB15, RDC10, SJN15, Ten19, TA11, UY12, VK14, WD16, YS18, ZA11, ZX14, Zör15]. **Fitting** [AR16c, FS10, GI17, Kan17, WW16a, ASM19, CM19, HRR<sup>+</sup>17, HTZ<sup>+</sup>16, LWT<sup>+</sup>17, Mar14b, MMT16, Rai12, TGL12a, WFC<sup>+</sup>18, ZC13]. **five** [NA11a]. **Fixed** [NFFM14, AHAA10, LZ11, PMP14]. **FL** [Sha19i]. **flatness** [TS16]. **Flexible** [BK17b, Bør15, HU14, XBL18, CW16, CF17, GGdC18, GHJC10, LLWY15, MMT16, PB12, ROCH16, WTJW17, WCW15, WFC<sup>+</sup>18]. **fluctuation** [CLL10, Lin16]. **focusing** [MMK10]. **fold** [LDB10]. **fold-change** [LDB10]. **folded** [CC16a]. **following** [GSL<sup>+</sup>14, HU14]. **Food** [LSL10]. **footpaths** [LF16]. **forecast** [FW13, THR17]. **Forecasting** [AI16, BS19, MMK10, Moi17a, DLZ19, GC17a, Her11, KL18b, LL11,

RWCD17, Sha19a, YAEU13]. **forecasts** [Li14, LL15b]. **forensic** [OSN17, Sha11e]. **Forest** [CAC17, HBL14]. **forests** [CCF19]. **form** [AD16b, BV16, KL12, LR18b, SK11]. **forms** [GBCS16]. **formula** [Cor13, Lem11a]. **forward** [dB15]. **foundations** [Sha18b]. **four** [CB19, NSR14]. **four-parameter** [NSR14]. **four-sequence** [CB19]. **fourth** [RR13b]. **fraction** [CLDB16, FOC14]. **Fractional** [CGA10, FBV18, KSM16, Mar10, NHWT14, RL14, RRV13, SF13, Sta10, XZZ15]. **frailty** [AÖ13, FRL17, HP15, WXF11]. **frame** [LPS13]. **frames** [Moi17a]. **framework** [ABA12]. **Francia** [MP15]. **Fréchet** [GG16, NTZ19]. **free** [CC17a, Che18, LWZ17, MMR16, Par17, SGGC10, SBK13, SYL<sup>+</sup>14, ZGW14]. **freemium** [CLC17]. **frequencies** [Zör15]. **Frequency** [Tak19, AA11, CGA10, CGAP19, CMX17, FPG13, LLBL14, RRV13]. **frequency-** [RRV13]. **frequentist** [JMM<sup>+</sup>17, LB11, Yao15]. **fresh** [MSS18]. **Frobenius** [HM19]. **frog** [YPAC11]. **Frontiers** [Sha10a]. **Full** [HKK<sup>+</sup>16]. **Fuller** [MK12]. **Fully** [LY18, MHA10]. **function** [ASBM19, ARB13, Ami11, AD16b, BP15, BMP12, CCZ13a, CCZ13b, FGH14, FPP18, GOC18, Haq17, HZL16, HL15, HWWZ16, IP14, JW18, JY14, JGPF17, LPK18, DMV17, NO10, OO12, ÖI10, Par11, RY13, She10, SK11, sS16, sS19, Shu12, SSK13, SAM13b, SAM13a, SU18, UA16, VM19, YZWM19, Zar17, ZP14, ZZXS17, ZHB18, ZWDM19, ZMW13]. **Functional** [KK18, LWW18, MG15, MS18b, AS15c, BCT16, BS19, HN13, JSM13, KM14, LAGM11, Mal16, Sha19a, SOH13, WKJ<sup>+</sup>19, YBAA15, ZHH19, Zie11]. **functional-coefficient** [Zie11]. **functions** [AÖ13, AA16, BAKZ16, CR18, CPK19, CH15, Han17, KAWA12, LPV13, McL14, NJ18, PQ19, PL16b, RASR16, RCL15, SRG11, VVNTVD<sup>+</sup>17, WN18, YBAA15, ZAK13]. **fund** [MV14]. **Fused** [CKP15, KK18]. **future** [AVK15, DDD17, RAJ16, VDBA14]. **Fuzzy** [GB17b, Saf13, JY14, MBG17, WTJW17, WyT17, YAEU13].

**Gaining** [RZ13b]. **Gains** [Bai16]. **GAMLSS** [CNL17]. **Gamma** [HP15, AAAQ19, AD12, BSS15, COBH11, CMX17, COS11, COP14, COP15, DTRB11, FKM13, GY16, GG17, HOC<sup>+</sup>19, Hat16, Ili16, Kla15, LR18b, Nad10, NB15a, OCPC12, Özk19, PB17, PK11, QAA18, RB12, SB12a, Tza11, WBGJ15, WM12, ZWDM19, vdAvA15, VM19]. **gamma-exponentiated** [RB12]. **gamma-linear** [COP14]. **gamma-Lomax** [COP15]. **GARCH** [CH19, DGW10, FNRCM17, HKL17, JGPF17, LL11, Lee19, MRBR15, TC10, THR17, ZH12]. **gas** [Alw17]. **Gaussian** [AOH16, ABP16, Ami11, BB12, CL15, DY16, DW18, Fal16, GDCO18, GV12, JK19, JWwdL16, KR13, KAT15, KKE17, Kib12, KK12, LL11, LP10, MA10, MC13, NB13a, NB14, NLOT19, NJ18, PL15, RL14, SC12, TD14, TNJ17, VAW15, XSF17, Zha16, ZB10]. **Gaussianity** [LW15]. **GEE** [SMM19]. **GEE-based** [SMM19]. **GEEs** [PA14]. **gene** [PZY<sup>+</sup>14, XWMA18]. **gene-environment** [XWMA18]. **General** [CNO13, CSPO14, NCO11, NCO12, NA13, STS14, Ahm19, Alw17, AJA11b, BPH12, BH19, GTB14, GA15, Her11, KL18a, KL12, Lem11b, MFP17, PK17,

Sha10b, Tso16, WL19, WLL12, XHEM17, YLL17, ZLL19]. **generalization** [ATON18, Dia10, PL15, SN17]. **generalizations** [PF16b]. **Generalized** [AAH19, CCMGA14, CGP15, DKG16, GA15, KK15, LX14, LL17, QRH19, SSD17, Tsa10a, WS16, YL18, YS19, YFT10, AE11, AAR15, Aci18, ARY15, AG19, ADRA15, AHAA10, ACN<sup>+</sup>17, AKAW15, BAJN14, BS13, BSSC10, BA15, Bor17, COBH11, CW16, CCZ13a, CCZ13b, CT14, COS11, CdC11, Cor13, CAO<sup>+</sup>17, DSP15, DN13, EDASM17, ER19, EG18, FAV18, Fuk16, GdSCO14, GdCCDS18, Gun18, GV12, GWH14, GG17, HTZ<sup>+</sup>16, Ili15, Kal14, KR13, KN15, Kiz18, KK13, KDG17, KR15b, LW12, LW17, LM18a, LXZ11, LZZM18, LV17, MSS14, MD18, NKB19, NFFM12, OY15, OCPC12, ODBT15, ÖKD17, Özk19, Pak10, Pak11, PB17, PA14, PPGT19, QMZ16, RPN15, RZ13b, SM15, SMM19, SL15, Sha16, SLM16, SZ16, SB11, TJK13, TKJ13, Tu19, VRC13, VSG<sup>+</sup>18, VNM14, WM15, WCC13, WW16a]. **generalized** [WH17, Wan18b, WY19, Wes16, ZP14, ZPL16, ZHB18, ZST15]. **generalized-least-squares** [Fuk16]. **generalized-order** [BA15]. **generally** [CHB18]. **generated** [HOC<sup>+</sup>19, ZB10, Zör15]. **Generating** [Ber12, OS14, SLV18, BP15, HBC11, McF16, McL14, SP16]. **Generation** [YD16, AD15, AD16a, PSS15, dABS16]. **genes** [LM16]. **Genetic** [AKU11, RB18, SD15, TKÖ19, VVNTVD<sup>+</sup>17]. **genetics** [CVL18]. **genome** [XZY13]. **genome-wide** [XZY13]. **Geodesic** [HLVRS18]. **geographic** [AVG18]. **geographical** [FGH14]. **geographically** [WL17]. **geometric** [AA16, BZAZ15, BSdMC11, BBT13, BBM18, CW16, KAT15, NCO15, ÖI10, Pak10, Pak11, Sha19o, TLRB14, UA16, WSLX17, XZZ15, AKA<sup>+</sup>16]. **geometric-exponential** [WSLX17]. **GEV** [GOC18]. **Gibbs** [BTR16, CI15, CK14, DRB17, DSVY14, KK11, SDC12]. **given** [BP15, JO12]. **Global** [Da 15, BCO13, CTX18, SZS16, WYZK16, WC17, XG11]. **Globally** [Gau11]. **GMM** [BZF18]. **GOF** [DY16]. **goft** [GEV18]. **gold** [RZ12]. **Gompertz** [Bor17, GAB14, Ism10, KA13, LTJB18]. **good** [Sha11e]. **Goodman** [vdAvA15]. **Goodness** [AE11, Nou17b, PB13a, QHB15, VK14, ZA11, ZX14, AOH16, Ali14, AS15b, BMP12, DS15, DC19, FH16, GEV18, JV14, KK12, LK17, LPK18, MA10, NA13, Nou19, RDC10, SJN15, Ten19, UY12, WD16, YS18, Zör15]. **Goodness-of-fit** [Nou17b, PB13a, QHB15, VK14, ZA11, ZX14, AOH16, Ali14, AS15b, BMP12, DS15, DC19, JV14, KK12, LK17, LPK18, MA10, NA13, RDC10, SJN15, Ten19, UY12, WD16, YS18, Zör15]. **GQL** [SS13, SKJ17]. **Gra** [LV17]. **graded** [FTS10]. **gradient** [BOG15, HSJ18, LLQ<sup>+</sup>16, Seo11, Yua15]. **gradient-based** [Seo11]. **Gram** [Kia10, LWW18]. **Granger** [LL15a]. **graph** [FR15, GDR12, LCN<sup>+</sup>17]. **Graphical** [SEGMA19, HT12, MC13, SH19, VAW15]. **graphs** [OCT18, Sha15e, TZSP19]. **green** [YPAC11]. **Griddy** [DRB17]. **Group** [ZX12, Are12, AJA11b, AYJ11, AWJ<sup>+</sup>13, ABR13a, ABR13b, BS16, CA19, DW19a, FWZ<sup>+</sup>15, KLKK19, LOK16, NJ13, NS17, PMP14, RR13a, YXZ16]. **group-level** [NJ13]. **grouped** [CM19, LYQ<sup>+</sup>15]. **grouping** [DW19b]. **groups** [CC17a, Jin15, LLM16, SGÇ18, TQP10, WEHCC14, Wil15]. **growth**

[FHO15, Sha10c]. **Gumbel** [UY12, PF16b].

**H** [Ano14c]. **Haghighi** [TCA<sup>+</sup>18]. **half** [Aci18, ARY15, AG19, BS13, CSPO14, CAM16, ER19, GA15, MD18, RT14, Wan18b]. **half-logistic** [BS13, CAM16, RT14]. **half-normal** [Aci18, ARY15, AG19, CSPO14, ER19, GA15, MD18, Wan18b].  
**Hammerstein** [LJ18]. **Hamming** [AP12]. **Handbook** [Sha15c]. **handle** [Ism16]. **Handling** [DS18, NMOV18]. **hard** [HR12]. **harmonics** [LLBL14].  
**Hastings** [Lia10]. **Hawkes** [KB18]. **hazard** [AAGV12, Bag11, BCL18, BC19, BBA15, CPK19, CHQ17, Kiz17, Kuk19, PQ19, RCL15, SBK13, UGMK13].  
**Hazards** [CLC17, Aus18, CZX18, DW17, HU14, OS14, PL18, sS11, She11, She14b, WDY18]. **HDDA** [SML19, MZZ<sup>+</sup>19]. **Health** [Sha19j, Con10, DSVY14, MZZ<sup>+</sup>19, Sha19h, Sha19r]. **heavy** [CG15, CCZJ17, DYA19, LPSR16, SL17, TdC18]. **heavy-tailed** [CG15, CCZJ17, DYA19, SL17, TdC18]. **hedge** [MV14]. **Hellinger** [BMK14, WZ18]. **Heston** [CDG<sup>+</sup>15, FM19]. **heterogeneity** [Bør15, LL19, ZPL16]. **heterogeneous** [ABM17, GGSS19, KLKK19, LS14, LC18, RPFOMGRM17].  
**Heteroscedastic** [DYA19, BPH12, CCZJ17, CCC10, EFGMD13, FHO15, HHC15, JLM15, SCW16, TdC18, VFLR10]. **heteroscedasticity** [ASM19, Are12, DDDD10, KKE17, KL18a, KL10, Wu16b, XMC<sup>+</sup>14].  
**heteroskedastic** [Ahm16, CT16, CNP19, MFP14, SM15, SL15].  
**heteroskedasticity** [LZZW17, SDWL17]. **heteroskedasticity-consistent** [LZZW17]. **heuristic** [DI11, GHRAM13, Ism16]. **Hidden** [MC16, DLZ19, GB17a, LP13, LL10, Mar14b, TNM17, Wu16c]. **Hierarchical** [BKJ16, Fu16, NLOT19, TS14, WXF11, ABA12, GHH17, Han17, KNM<sup>+</sup>15, Kiz17, MWL14, NLK11, SF12, Yu15]. **Hierarchically** [KBJ16]. **hierarchies** [CP14]. **High** [CCF19, CAC17, CLC19, AvR15, AAG<sup>+</sup>19, AB13, AAY19, BTD18, Che18, DLS18, DDD17, HM18b, HH15b, KOM19, LKM<sup>+</sup>15, LL16, LY18, LC18, Par17, QLW16, RY13, RT19, SS12a, SHLT17, SWXJ18, SZJW19, SE11, SH19, SH10, TS16, WLCL18, WLSZ18, Wu13, XX15, Xu17a, Xu17b, YWZ18, YXZ19, ZFZQ18]. **High-dimensional** [CAC17, CLC19, AvR15, AB13, AAY19, BTD18, DDD17, HM18b, HH15b, KOM19, LKM<sup>+</sup>15, LL16, LY18, Par17, QLW16, RY13, RT19, SZJW19, SE11, TS16, WLCL18, WLSZ18, Wu13, XX15, Xu17a, Xu17b, YWZ18, YXZ19, ZFZQ18].  
**high-energy** [SHLT17]. **high-throughput** [SH19]. **Higher** [CRV15, SWZ15, SAT16, DRAR19, DR17, ZS16b]. **higher-order** [DRAR19].  
**highlighting** [SHLT17]. **Hit** [ZWCK16]. **hitting** [SC12]. **HMM** [RRDU13].  
**Hoeffding** [FS13]. **hold** [SRP11]. **homogeneity** [CGSTG18, LYLM17, SK13]. **homogeneous** [CC17a, CM16, MMP12].  
**homoscedastic** [MBKW19]. **homoskedasticity** [ES11, HA10]. **homotopy** [Gül10]. **Horizon** [JKP19]. **Horvitz** [PP10, YS19]. **Hosmer** [LL18a].  
**Hotelling** [AO12]. **households** [IGR13]. **human** [LMRW17]. **Hurdle** [CLAH17]. **Hurst** [SF13]. **Hybrid**



[HBM16, Sun11, AHA15, AB16b, AVK15, CBG16, DPK11, Haq17, Ili15, Ism14, JP14, LY13, Lia14, LHB11, LH12, LHB13, LHLB19, LXL11, MSS14, Meh15, Pam19, PS16, PB12, Sha16, SK16, SZ16, TP15b, ZS16a].

**hybrid-censored** [AB16b, PS16]. **hybridized** [MPB19]. **hyper** [LY18, dSSCR19]. **hyper-LASSO** [LY18]. **hyper-Poisson** [dSSCR19].

**hypercube** [LLXY17, YLL17]. **hypotheses** [CRV15, GHMR19, Hwa11, MS17, QYX17, Say12, TS16]. **Hypothesis** [PBM16, dSSCR19, ASS11, AKV17, CNL17, DGK12, MFP17, Mur15, NJdC14, TPW17, Sha19j]. **hysteretic** [CT16, CTTS19].

**IBM** [Li14]. **ideas** [Sha10d]. **identical** [AR16b]. **Identifiability** [LS19].

**Identification** [CC11a, FR15, KC16, LJ18, Shi15, WL17, XZZ15].

**identifiers** [DS11]. **identify** [Car16]. **Identifying** [Dog15, PSY18]. **identity** [FHSC14, WLSZ18]. **if** [CM14]. **IFR** [AD10b]. **ignorability** [Yuc17].

**ignorable** [LLWY15, NJdC14]. **ignorably** [Kal14]. **II**

[Ano14c, AHAH14, AHA15, AHH17, ARY15, ARY16, AG19, AB16b, AR16b, BDKM11, BS13, BZ16a, BB12, BBA15, ÇŞ18a, CM17, CPK19, CYL17, CBG16, DBC12, DNMT18, DT13, DC19, EDASM17, ER19, GAB14, GP15b, GWX14, HW17, IA10, KR18, KM12, KK13, KP18, NTZ19, NB15a, NB16, NLHD12, Nou17b, PB13a, PV17a, RT14, SKK12, SFS15, SBAA14, SBS14, Sha16, SBK13, SOH13, SK16, SAK14, TN16, Wu10, WY11, WLL12, WC14, WFC<sup>+</sup>18, XYZ19, YCXN14]. **II-censored** [WLL12]. **III** [CGdS14]. **ill**

[Kib12]. **ill-conditioned** [Kib12]. **illustration** [DRAR19]. **imaging** [KM14].

**imbalanced** [dlCHBCD19]. **Immaculating** [STL16]. **Impact**

[FRL17, Yuc17, GZB13]. **impacts** [RL15]. **Implementation** [OO12, LZZ<sup>+</sup>15, SS15, VNM14]. **implementations** [HTZ<sup>+</sup>16].

**implemented** [JV14]. **Implementing** [WH14, Sha18a, VC15]. **implication** [OO12]. **implications** [GSL<sup>+</sup>14, THR18]. **importance**

[GZL18, WL16, WWB18, XSF17]. **imprecise** [HSC11]. **improper** [OS14].

**improve** [Wes16]. **Improved**

[ABA16, BV15a, ÇK19, FP11b, HM18a, JP11, KP18, Lem11b, Lem11c, LX14, LL15b, MFP17, NAA17, SGG13, SY17b, WM15, WRP18, ZHH19, AH16, BZ14, BAT11, CHQ17, Haq14, MKSN18, WW19, WyT17, YGX14, ZCW<sup>+</sup>17].

**Improvement** [BR16]. **Improvements** [GB18, DM16, RL15]. **Improving**

[BSS17, CMCH12]. **Imputation**

[OMY12, ASM<sup>+</sup>11, AHJ16, Bru19, DS11, DG16, EKE<sup>+</sup>18, GSL<sup>+</sup>14, GG17, KKY15, SBMF18, WDCK15, XHYX14, Yuc17, vGK17]. **imputations**

[JvBF13]. **imputing** [MSS18]. **INAR**

[BV15a, BVRI16, BBM18, SM18, WJ19]. **incidence** [Lee17, Yu11]. **inclusion**

[LB11, LN13]. **Income** [IGR13]. **incompatibility** [GB15]. **incompatible**

[CI15]. **incomplete** [AP17, DSP15, HN11, KKY15, LP13, LNC17, OMY12].

**inconsistent** [STL16]. **incorporates** [MTS14]. **increasing** [Sha18c].

**incremental** [WW12]. **independence**

[LL16, Med16, NBB15, NKZ19, SU18, ZZ15a]. **independent**

[IRNB18, LCLP15, Sha15a, SWZ15, WEHCC14, WPC15]. **Index**  
[LX14, AWJ<sup>+</sup>13, BU17, Bia15, BAZ19, GRPP10, Jer13, LM18b, NS17,  
PV17b, PWW15, PL18, Wan18a, WL10, WC14, WHX19, YZWM19, ZL15].  
**indices**  
[CGP15, Cox13, HCY16, HAB12, NAA18, Per10, SGTKBL15, TP15a, XG11].  
**Indirect** [SM15, Car19, GC17b, LGWZ18]. **individual**  
[NO10, NX18b, SG18, WL14, YPAC11]. **individuals** [MA17]. **inequalities**  
[HL13]. **inequality** [FS13, HCY16, ZY15]. **Inference**  
[AHA15, AD16b, AD12, ER19, FLB15, FKM13, IS13, Lee17, LHLB19, PS14,  
Say12, ABP16, Ame12, BS13, BZ16b, CCZJ17, CL14, CF17, CNS12, CNQ14,  
CNL17, CNP19, DSE16, DA14, DSP15, DF19, EKBO16, FP11b, FP14,  
GGM18, GC17b, GA15, GV12, GIDB15, Haq19a, HC17, HS13, Ism14, JK17,  
JYML13, KAT15, KP18, LRV17, LMFMA15, Lem16, LYZ11, LX16, LZZW17,  
LM18a, LZZM18, LVB18, MB16, Man15, MSS14, MKW16, PF16a, SN17,  
SBAA14, Sha10i, Sha18b, Sha19c, Sha19e, Sha19o, SK16, SWZ15, SZWL19,  
SZ16, SAT16, SB11, TK16, TP13, WL15c, WT18, WSC18, Wes16, YL18,  
YCXN14, Yuc17, Sha15i]. **Inferences**  
[AAS18, YML14, ZS18, ATH12, BBA15, CPK19, CT14, GZB13, Gun18,  
Lu19, SY17b, SR11, WRP18, WWCL11]. **Inferential**  
[SRK13, GB17a, GLB17, SSD17]. **inferiority** [Llo10]. **infinite** [DHP14].  
**inflated** [AWH19, DSCS19, FI17, FBV18, HK18b, KNM<sup>+</sup>15, KL17a, KR15a,  
Li11, LLY19, LT16, LWT<sup>+</sup>17, MH16, MGR15, PCN14, PCMMA13, SB15,  
SMM19, SY19, ZCL19]. **Inflation** [SGG18, BBM18, FS15b, GZT14, LWS19].  
**Influence**  
[AAAQ19, LJL15, XLW10, DFT17, Ema16, IJL18, JTL18, dCOC16].  
**Influential** [ZH12, CA19, LGWZ18]. **Information**  
[Sha19j, AH19b, AKU11, BS12, Cha17, DBC12, GHJC10, HK16a, HK18a,  
HKK<sup>+</sup>16, HSC11, Kuk18, Lin14, MMK10, MFD16, MPB19, MKSN18, NA13,  
Nou19, Pam19, PB12, PSK14, PK17, Sha10h, XY16]. **informative**  
[KLK14, PS19a, SSK13]. **inheritance** [SS15]. **initial** [DI11]. **INLA** [TD14].  
**innovation** [JGPF17]. **innovations** [DGW10, Haj19, KL17b, MN19, TZA10].  
**innovative** [LZZ<sup>+</sup>15]. **input** [DMV17, WL16]. **inputs** [CJS10, CL15].  
**insight** [RZ13b]. **inspection** [WW19, WCW15]. **instrumental** [Adk12].  
**insurance** [Sha13a, TTKK19]. **integer** [HKL17, KL17b, KBM19, Lee19].  
**integer-valued** [HKL17, KL17b, KBM19, Lee19]. **Integrated**  
[GI17, GMR15, HKST17, LPK18, Tsa18]. **Integration**  
[CKPS11, SKTC11, CGA10, Mar10, RRV13]. **inter** [KN15, KN16, NK15].  
**inter-record** [KN15, KN16, NK15]. **interaction** [FR15, KKM16, XWMA18].  
**interactions** [CKP16]. **intercept** [MJ16, RKV17]. **intermittent** [UM14].  
**interpretation** [AAH19]. **Interval** [Bak14, BBW17, BEBG14, KBS11,  
RYS11, SP11, She10, WY19, WWW17, Wu10, AYR16, AH16, Are12, BZ16a,  
BAS17, Che14, DG16, DTZZ12, DYT10, DT13, DK17, GIDB15, HCY16,  
HWWZ16, KA13, KL18b, MADASAM11, NY16, dALNCdATdC11, She12,  
She14b, She15a, SWLZ15, Tsa10a, WYW12, WM12, WDY18, WFC<sup>+</sup>18,

WH19, XHYX14, YP10, YCD15, YGX14, YXZ16, ZMW13]. **interval-**  
 [KA13]. **Interval-Censored** [KBS11, BBW17, Che14, DG16, GIDB15,  
 She14b, She15a, WYW12, WDY18, WFC<sup>+</sup>18, XHYX14, YCD15].  
**Interval-valued** [WWW17, dALNCdATdC11, SWLZ15]. **intervals**  
 [AR10, AB10, BA15, Bia15, BBC10, Bur14, DD12, Haq19b, HK18b, Hat16,  
 Ili15, Ili16, KKE17, KL12, KL13a, LZ11, Moh17, PO14, PB19, QKY16,  
 RAK16b, RAJ16, RNA17, RMS14, SFS15, SG18, Tar12, WM15, WN11c,  
 WN12, WN13, WY11, XHEM17, You14, Zar17, Zha15, vdAvA15].  
**intervened** [KS17c]. **intraclass** [XLB12]. **intractable** [HH17, Lia10].  
**Introduction** [PL16a, Zha17, Sha19g, Sha19h]. **invariant**  
 [BDKM11, CC12, DDJ16, NB13b, NB14]. **Inverse**  
 [SDS16, AOH16, Ami11, BB12, DY16, DW18, GTB14, GDCO18, GV12,  
 JK19, JZD18, KAT15, KKE17, KKL14, KK12, LP10, MA10, Moh17, Muh16,  
 NB13a, NB14, NJ18, RAK16b, SH19, SC12, SAM13b, SAM13a, SAK14].  
**inversely** [AR10]. **inverted**  
 [DKG16, KK13, KDG17, MTSR19, SSK13, TCA<sup>+</sup>18, WY19]. **investigation**  
 [JYML13, Say12]. **investing** [FS15b]. **investment** [MV14]. **involving**  
 [CKP16]. **irregular** [How13]. **Irregularities** [JR13]. **irregularity** [LX14].  
**IRT** [ABA12]. **ISBN** [Sha15d, Sha15c, Sha15e, Sha15i, Sha19i, Sha19f].  
**ISBN-13** [Sha15d, Sha15c, Sha15e, Sha15i]. **Ismail** [Ano14c]. **isomorphic**  
 [Sta10]. **issue** [Zha17]. **issues** [DS18, GB17a, GLB17]. **Istanbul** [YAEU13].  
**item** [AB13, CCK13, GdCCDS18, MTS14, TA11]. **iterated** [NHGS14].  
**iterative** [CP14, FFP16, HY16, MM13b, MSA12, ZZ15a]. **IV** [GB17a].

**J** [Pak11]. **jackknifed** [ÖK19]. **Jacobi** [MM13b, SB12a]. **Jacobi-type**  
 [MM13b]. **James** [AKS<sup>+</sup>15, WCK11]. **Jeffreys** [Ho12]. **job** [WTJW17].  
**Johnson** [MG15]. **Joint** [AH18b, MBL15, PM10, QMZ16, YYG16, Bai16,  
 BAKZ16, HZSA19, HNPB18, IJL18, KNM<sup>+</sup>15, MA17, PQ19, PRMM12,  
 She10, sS16, sS19, SZ16, WZX13, XZY13]. **jointly** [SBAA14]. **Jolly**  
 [HS13, YPAC11]. **judgement** [Fre16]. **judgment** [Haq19a]. **jump** [LZZ<sup>+</sup>15].  
**jumps** [MS15]. **Jun** [Sha19i].

**Kaplan** [CC11a, Lee11, SKM14]. **kappa** [NJdC14, NdCOP15, RNA17]. **Katz**  
 [KL17b]. **Keep** [Her11]. **Kendall** [SGZM14, SU18]. **Kernel**  
 [How13, KAJB19, Ame12, ABA12, BBW17, BAKZ16, DL19, DW19b, GL16,  
 GZL18, JW11, JP14, KC14, KPK<sup>+</sup>13, LWZ17, TNS14, WZ19, ZAK13].  
**kernels** [Lüt15]. **key** [PSS15]. **kind** [AKJ16]. **Knot** [SESY13, JKP19]. **know**  
 [Sha19s]. **known** [JP17, MQR18, TCHS19, TdC18, WLL12]. **Kolmogorov**  
 [Fre12, OO12, SY17a]. **Korean** [LLP<sup>+</sup>14]. **KPSS** [KE10]. **Kruskal**  
 [vdAvA15]. **Kullback** [DR17, NA13, Nou19]. **Kumaraswamy**  
 [CM17, COS14, GdSCO14, KN16, Lem11c, NKP14, NCO12, POCdP13].  
**Kumaraswamy-** [NCO12]. **kurtosis** [Bur14].

**Label** [Yao15]. **labelled** [BG11a, ZB13]. **labelling** [YL14]. **labels** [YL14].

**laboratory** [DS11]. **lack** [Li11, LLY19]. **lack-of-fit** [Li11, LLY19]. **lag** [DRLP14, ÖK17]. **Lagrangian** [HLVRS18]. **Laguerre** [SB12a]. **lambda** [WW16a]. **Lanchester** [KMS17]. **landings** [PSY18]. **Langevin** [SLM16]. **Laplace** [GI17, AOH16, BZ16a, BOG15, DYA19, GMR15, NP16, TZA10]. **Laplacian** [Fan19]. **large** [Ahm19, CC19, Cha15, FWF16, HKK<sup>+</sup>16, Ism16, JKP19, LL18a, LCN<sup>+</sup>17, LXL17, PF16a, RGNM13, RWCD17, SHLT17, ZCW<sup>+</sup>17, ZF16]. **large-scale** [Ism16, JKP19, LCN<sup>+</sup>17, RGNM13, SHLT17]. **largely** [PS19a]. **largest** [KS16]. **Laspeyres** [Bia15]. **Lasso** [AY14, FWZ<sup>+</sup>15, Wu13, AP19, CZX18, DW19a, HM18b, KK18, YW14, FP17, Fu16, LY18, LPSR16, WKJ<sup>+</sup>19, BCLM17, NKB19]. **Lasso-mixed** [AY14]. **lasso-type** [AP19]. **Latent** [RBC<sup>+</sup>15, ARY16, Lin14, Sha10c, VNM14, YYW15]. **latin** [LLXY17, YLL17]. **lattice** [Alw17, SM11]. **law** [MA10, WL15c, Zör15]. **laws** [HCY16, RS14, SA15]. **lead** [BS16]. **lead-in** [BS16]. **lean** [Sha19g]. **Learning** [TZSP19, Cha16, DW19b, KKL<sup>+</sup>15, LMRW17, LL18b, Sha18b, Tu19, YZ14]. **Least** [AR16a, RA17, ATF19, CKP15, Fuk11, Fuk16, JR16, KS16, LJ18, Mal16, MSA12, NHA18, RBK16, SESY13, SML19]. **least-square** [LJ18]. **least-squares** [SESY13]. **Least-trimmed** [RA17]. **left** [CHT16, DN13, FM15b, KA13, She10, She14b, She14c, She15a]. **left-censored** [FM15b, KA13]. **left-truncated** [CHT16, She14b, She14c, She15a]. **Lehmann** [ODBT15]. **Leibler** [DR17, NA13, Nou19]. **Lemeshow** [LL18a]. **length** [FH15, LZGW14, SHST13, TGL12b, WN11c, XZ19]. **length-biased** [FH15, XZ19]. **lengths** [CCP12, DRLP14, Moi17a]. **Leone** [Akg19, BCY<sup>+</sup>17, Gen13, Sha18c]. **leptokurtic** [AD12]. **level** [ATF19, DRAR19, FWZ<sup>+</sup>15, KPM16, MS19, NJ13, SNGMRC16, Sta10, TC10]. **levels** [Kuk18]. **Levenberg** [GVW17]. **Levene** [Mar11]. **leverages** [ZR14]. **Libby** [RPN15]. **library** [OO12]. **life** [AS15a, Ano14c, AJA11a, AJA11b, AKJ16, ABA16, BSC14, DYT10, DT13, HW17, Ism10, IA10, IAGEK11, Ism14, LSL10, LHLB19, LXL11, LSF<sup>+</sup>17, NB16, WGC14, WBGJ15, WBG15, WSLX17, WH19, ZS16a, Lia11, Sha19f]. **lifetime** [AHH17, ASH16, AS12, BCL18, CLDB16, COS11, COL14, EXH16, GdSCO14, GIDB15, HC17, HSC11, LHLB19, NJR13, NSR14, Nou17b, PB17, PS14, ROCH16, RN14, WC14, Zar17]. **lifetimes** [CSJ17]. **Likelihood** [ABP16, BG11a, GTB14, HC17, Ism14, ZCL19, ZGW14, AAVG16, BTR16, BZ16a, BSS15, BS19, BZ16b, Bor17, BOG15, CH19, CS16, CS17, Che19, Ciu13, CL10, CCC10, DL19, DFPT16b, DGK12, EFGMD13, FHS12, FP11b, FP14, GAB14, GV18, HKK<sup>+</sup>16, Ho16, HC10, JW11, Kha12, KB18, LP13, Lem11b, Li18, LZ10, MM13b, MB16, MMP15, MD18, MFP14, NBB15, NLK11, NLOT19, PCN14, RGNM13, RL14, SJN15, Saz19, SGG13, SL15, SY17b, SZS16, SDWL17, SLLZ18, SZ16, SAK14, SB11, TW14, Tsa10b, Tso16, VNM14, WXF11, WPXL14, XZ19, YS13, Yos18, Zha16, ZST15, ZY15]. **Likelihood-based** [ABP16, ZCL19, BZ16a, DL19, SDWL17]. **likelihoods**

[GVW17, LPV13]. **Likert** [MTS14]. **Likert-type** [MTS14]. **limit** [PPK16]. **limited** [WH19, ZST15]. **limits** [DH14, Gau10, KP15, NHGS14]. **Lindley** [AAR15, AAS18, Ali15, GSW17, GDCO11, HBFSGD11, OY15, QKY16, dESM15, SAT16]. **line** [FF14, FG13, QLW16]. **Linear** [Jou15a, LS11, TKB16, ZY15, AÖ16, AJFB14, Ali12, AR16a, AKAW15, ATH12, AB18, AGA18, AW17, AL18, AH18b, Bag11, BCY16, BDKM11, CL11, CCMGA14, CT14, COP14, CNP19, DSP15, DK10, FS10, GG17, HL13, HN13, HY16, HXT15, HTZ<sup>+</sup>16, HKST17, HLL18, JR13, Kal14, KAK16, Kib12, KF16, KL12, Kuk18, KÖ19, LC19, LW12, LP16b, LGW16, LWW18, Man15, MC16, Moi17b, MS19, MMP12, MC14, NX18b, NKB19, ÖK18, ÖK19, Özk19, PS18, PZ10, PMP14, PAFPM12, PL18, QMZ16, RY13, RKV17, RB17, RAN11, RZ13b, SGG18, SRP11, SWW19, ST13, SD15, Say12, Sha10b, sS12b, Shu12, SU11, SS13, SB11, THG15, TTWT19, Tsa10a, VRC13, VNM14, WM15, WL15b, WL15a, WW16b, Wan18a, WL19, WKJ<sup>+</sup>19, WBAS15, WWW17, Wel16, Wu16a, XY11, Yu15, ZR14]. **linear** [ZC13, ZZ17, ZST15, dCFOM12]. **linear-by-linear** [Ali12]. **linearity** [Li15a]. **linearly** [MM13b, MN15]. **lines** [HP11, Wil10]. **lineups** [PDS16]. **linex** [IP14, NO10, ASBM19]. **Link** [Sha19f, NMPR14, QHB15, YZWM19]. **linked** [GGM18]. **links** [dlCHBCD19]. **Liu** [AD10a, ADRA15, KAA18, Kib12, Mån13, QAA18, Şir19, TKG18, Wu16a]. **Liu-type** [AD10a]. **LMARS** [AP19]. **load** [DLZ19]. **Local** [AGM15, Bag11, CWM17, Ema16, JO12, KBS11, XZ19, Alt19, BAKZ16, CL16, DFPT16b, DKY17, FMK15, JTL18, WMDO11]. **Locality** [LMRW17]. **Locally** [Che14, SNG12, CJ13]. **location** [Che11, GA15, KL18a, LMSX16, LCB13, LHLB19, LP16b, MADASAM11, NB13b, NB14, PB13a, PL16b, Saz19, SRAO11, SC19, Wil15, WZX13, Wu16b, WZ18, XHEM17, Zha14, ZX14, ZBG18]. **location-based** [LP16b]. **location-scale** [Che11, KL18a, PB13a, ZX14]. **location-shifted** [WZ18]. **locations** [DC15, PS19b, SK17]. **Log** [TNJ17, BCJG12, BCY<sup>+</sup>17, CMC13, CAO<sup>+</sup>17, DPK11, GRPP10, GGAM13, HK16b, KF16, LDCL17, Lem12, LCB13, LHLB19, Lon12, MMP12, OWLP16, OCPC12, PP15, QHB15, RAK16b, SH19, TD14, VP16, XHEM17, ZZXS17, ZBG18, dCOC16]. **log-Birnbaum** [LDCL17, Lem12]. **log-excesses** [GRPP10]. **log-exponential** [BCJG12]. **log-exponentiated** [OCPC12]. **Log-Gaussian** [TNJ17, TD14]. **log-linear** [KF16, MMP12]. **log-link** [QHB15]. **log-location-scale** [LCB13, LHLB19, ZBG18]. **log-logistic** [BCY<sup>+</sup>17, CAO<sup>+</sup>17, OWLP16, RAK16b, dCOC16]. **log-normal** [CMC13, DPK11, GGAM13, Lon12, SH19]. **log-odd** [dCOC16]. **log-rank** [PP15]. **log-skew-normal** [HK16b]. **log-symmetric** [VP16]. **Logarithmic** [AZS15, KR15a, MP16]. **logistic** [AL18, BS13, BAB15, BCY<sup>+</sup>17, CL13, CAM16, CAO<sup>+</sup>17, CA19, EKE<sup>+</sup>18, FH16, GI17, HMP17, HAH14, KK18, KSLN<sup>+</sup>18, LJV<sup>+</sup>18, LYQ<sup>+</sup>15, LY18, LSA16, MJ16, MS18b, MADASAM11, OWLP16, PK16a, PT14, RAK16b, RT14, SCL<sup>+</sup>18, SL17, SJ10, TK18, WZ13, dCOC16]. **logit**

[DGLV17, GC17b, GMR15, SBD10, ZS18]. **loglogistic** [GIDB15]. **lognormal** [BET16, DDZ13, HK18b, LW17, NB13b, SRG11, STW15, WM12, WN18, WN13]. **Lomax** [AZS15, COP15, GGAM10, HSR15]. **Lomax-Logarithmic** [AZS15]. **Long** [CGAP19, AA11, BBC10, Bor17, COBH11, FPP18, Her11, JK17, Kuk19, Kus11, MAEP14, PL15, RL14, RTM18, Sha10k, SB12b]. **long-memory** [AA11, RL14, SB12b]. **long-range** [PL15]. **long-term** [Bor17, COBH11, Kuk19]. **longest** [Bak18]. **Longitudinal** [HLN<sup>+</sup>15, UM14, AI16, BG11b, CWM17, DFT17, FW15, Fan17, Hua16, HNPB18, LH18, LLT12, Mar14b, MBL15, NMOV18, PQ19, QMZ16, QZZ16, Sha10c, SJ10, SR11, TX14, WL15a, YLG15, YYG16, ZP14, ZPL16, ZFZQ18]. **Looking** [CC19]. **loop** [MCW17]. **Lorenz** [SSD17]. **loss** [ASBM19, AYJ11, Han17, HL15, IP14, NO10, RASR16, WW19, WCW15, YZL17, ZZXS17, ZWDM19]. **losses** [KC16, NdCOP15]. **lot** [ABJR13a, ABR13b, NS17]. **low** [BTD18, JSM13, SH10]. **low-dimensional** [JSM13]. **low-sample** [SH10]. **lower** [Gha19, KS17a, KL17c, WEHCC14]. **LR** [BD12]. **LRT** [MMP12]. **LSTAR** [LS11]. **Ltd** [Sha19f].

**M** [Ano14c]. **machine** [KOM19, KKL<sup>+</sup>15, LYL17, Tu19, HZL16]. **machines** [CKPS11, Erd13]. **macro** [Ahm16, BBV17, LV17]. **macro-financial** [Ahm16]. **Macros** [NB18]. **magnetic** [KM14]. **magnitude** [CMX17]. **Mahalanobis** [LGWZ18, SG18]. **maintenance** [AD16b]. **majorant** [BF12]. **majorants** [JR17]. **majorization** [YZ14]. **make** [ATH12]. **making** [Sha19r, WRP18]. **Malliavin** [JK14]. **malnutrition** [DRAR19]. **Management** [Sha19j]. **Mann** [AS15c]. **MANOVA** [KL10, RR13a]. **manufacturer** [MCW17]. **MAR** [JvBF13]. **Marginal** [VNM14, AI16, FHS12, GDPH12, PQ14, RPFOMGRM17, TK14]. **marginal-likelihood** [FHS12]. **marginally** [AI16]. **marginals** [AD15, JO12, PNN17]. **mark** [YP10, YPAC11]. **marked** [HEB13]. **market** [Cox13, YAEU13, YTNT14]. **markets** [CGAP19, GC17a]. **Markov** [CDG<sup>+</sup>15, CCK13, DRB17, DLZ19, FP15b, Haj19, LP13, LL10, LZZ<sup>+</sup>15, LED16, Mar14b, MC16, TNM17, UG10, Wu16c, ZB13]. **Markov-chain-based** [ZB13]. **Markowitz** [CLC19]. **Marquardt** [GVW17]. **MARS** [AP19]. **Marshall** [ASH16, DNMT18, GGAM10, LLGP17, MS11, dESM15]. **Marshall-Olkin** [DNMT18]. **masked** [AH18b, WYW12]. **masking** [WYW12]. **mass** [BAKZ16, ZB13]. **massive** [CP14]. **matching** [BBV17]. **mathematical** [LAGM11]. **mathematics** [Sha19i]. **MATLAB** [Wan15]. **matrices** [AvR15, Cha15, FWF16, HLVRS18, HM19, PGT11, Wes16, YBAA15]. **matrix** [APF18, CA12, CLC19, GGG19, Ho16, Lem11a, LZZW17, MM13b, McC14, VS15, WLSZ18, Xu17b]. **matrix-valued** [APF18]. **max** [CS17]. **max-stable** [CS17]. **maximal** [BF12, WD16, YR15]. **maximization** [BOG15, GVW17, MBL15, SWLZ15]. **Maximum** [LP13, Lee11, MM13b, MAV17, RGNM13, SO10, Tsa10b, Yos18, AAVG16, CH19, CCC10, HKK<sup>+</sup>16, Ho16, HR12, JW11, Jin15, KB18, Lem11b, LR18b, MB16, MD18, PPK16,

RL14, Saz19, SGG13, SL15, SAK14, WDCK15, WRN18].  
**Maximum-likelihood** [RGNM13, Lem11b, SGG13]. **maximum/minimum** [MB16]. **Maxwell** [COBH11, SY19, HOR17, KM12, KVK15, TP15b].  
**MCMC** [BMK14, DR17, GGM18, Hol19, PD13, TD14]. **MDEWMA** [AM13]. **MDIC** [MMK10, MK12]. **MDS** [AAJ16]. **Mean** [FH15, FMB16, AF17, AH19a, AH19b, AHM13, Ahm19, AO11, AOR13, AOH19, Ak19, AWJ<sup>+</sup>13, AH18a, AA16, CL16, FBV18, Fre12, Fre16, Gau11, Haq14, HK16a, HM18a, HK18a, HK18b, IJL18, JZZH18, KTJ18, LAuaS<sup>+</sup>15, LP17, LW14, LLBL14, MMR16, NY16, OWKC15, PSKC18, PJR15, QMZ16, RR13a, SGTKBL15, SRP11, SGÇ18, SRAO11, STS14, SLLZ18, Sun11, TS16, TK15, WN11c, Yam19, YL15, YS19, Zar17, ZL11, ZMW13].  
**mean-covariance** [QMZ16]. **Mean-shift** [FMB16]. **mean-variance** [PJR15]. **means** [KKE17, KL13a, PA15, PQ14, RRB10, RBHSL11, TPW17, WM12, WN11b, YP17]. **measles** [YWL18]. **Measure** [LP16b, AB11, BS12, NdCOP15, Wil15, WWB18]. **Measurement** [SZS14, CCZJ17, CB10, GZB13, GM16, HBMAO15, HAC16, HHC15, IJL18, Lüt15, MFP14, NAA18, PF16a, QZZ16, STL16, Şir19, TdC18, Tsa10a, Wu11, ZR14, ZCZ17, ZLZZ18, ZLL19, ZY19]. **measurements** [DH14, LC10, MTS14, MC14]. **measures** [BS14, Da 15, DM16, GZL18, GB15, HTZ<sup>+</sup>16, IJL18, MH16, PC10, QKUH18, TA11, VK14, Wei11].  
**Measuring** [Jon16, Sha19s]. **mechanism** [JY13, LPY18]. **median** [AOR13, CC16b, HMP17, HCT19, MAEP14, MAAM10, RS15, TCHS19, WDCK15, YZL17, ZZ15b]. **mediation** [SCL<sup>+</sup>18]. **mediators** [SCL<sup>+</sup>18].  
**medical** [CCF19, Sha19b]. **medicine** [Sha19r]. **medium** [Her11]. **Mehl** [MG15]. **Meier** [CC11a, Lee11, SKM14]. **membership** [GC17b]. **memetic** [WTJW17]. **memory** [AA11, BBC10, CGAP19, FPP18, JK17, KKL<sup>+</sup>15, Kus11, RL14, Sha10k, SB12b]. **Merging** [SLA17, CC17a]. **Merton** [Guo17].  
**meshes** [SHLT17]. **meta** [PB15, WT18]. **meta-analysis** [PB15]. **method** [AOH19, ATH12, BZ14, BCT16, BCO13, CHTZ14, Che11, Coi13, Dia10, EZ12, Fan19, FR15, GL16, GGM18, Gül10, GA15, JL16, KKM16, Kia10, LX14, LYL17, LJ18, LLP<sup>+</sup>14, LGWZ18, Mån13, MKL13, MADASAM11, NB13a, NB14, NHWT14, OvP10, ST13, Sha19a, TPM17, Tso15, Tso16, WyT17, XY16, YP10, YPAC11, YL14, ZCW<sup>+</sup>17, dLHT17]. **Methodology** [Jer13, BS19, FGHRM12, JP14, MSS18, PS18, RAN11, Sha10]. **methods** [AY13, BP15, Car19, CMCH12, CGP15, CHT16, DS11, DL13, DAP15, GSL<sup>+</sup>14, GD19, HT12, dCHBCD19, IGR13, JMM<sup>+</sup>17, Jou15a, KF16, KEW13, KK11, LW14, LXL17, LYLM17, LED16, MS18b, MMT16, NPJ14, ÖK19, PQ14, PB15, RY13, RKV17, RNSR19, SNGMRC16, dESM15, SJZ17, Sha19h, SBMF18, TCA<sup>+</sup>18, TNJ17, Tsa11, TRC<sup>+</sup>18, VKK14, WN18, WRP18, Xie14, YS13, Zha16, ZNW19]. **Metropolis** [KK15, Lia10, VNM14, ZWCK16]. **MGARCH** [CQJ12]. **MHDR** [BH19].  
**microarray** [LDB10, PZY<sup>+</sup>14, RY13]. **microRNA** [SH19]. **Microsoft** [OO12]. **microwave** [RB17]. **middle** [ARY17]. **midpoint** [AH16, YGX14].  
**military** [KMS17]. **mines** [ASM17]. **Minimal** [WD16]. **Minimal-maximal**

[WD16]. **minimization** [PM10]. **minimizing** [DRAR19, LM18b, YL14]. **Minimum** [Adr18, WZ18, CC11a, CTX18, DI11, GB18, Kim18, LL19, MB16]. **mining** [PZY<sup>+</sup>14]. **Minitab** [Sha19e]. **minorants** [JR17]. **misclassification** [NMPR14, RYS11, SXTJ17, WL14, ZY19]. **misclassified** [CB10, RZ13a]. **Mises** [Chr15, CL10, FM15a]. **mismeasured** [Hua16]. **Missing** [VKK14, ASM<sup>+</sup>11, CH19, Ciu13, CYPGGM16, DK17, DM12, FVB13, FTS10, FHO15, HKK<sup>+</sup>16, HLN<sup>+</sup>15, Hua16, JY13, Jon16, Kal14, KAR13, Lin14, LLWY15, NJdC14, NMOV18, PS19a, SLV18, Seo11, Shu12, SZWL19, SZM17, WL15b, YL15, ZL11]. **missingness** [JM10, UM14]. **mission** [WWB18]. **misspecification** [LCLP15]. **misspecified** [ES11, FRL17, NX18b, XWZS15]. **misusing** [Sha19f]. **mitigating** [JR18]. **Mitochondrial** [Sha19j]. **Mixed** [HBL14, AY14, AD15, AD16a, ATF19, AB18, BCY16, BV15b, CL11, CB10, DFT17, FHS12, FBV18, FHO15, GC17b, GMR15, HTZ<sup>+</sup>16, Hua16, HKST17, IRNB18, JWWdL16, KP15, KÖ19, LC19, LW12, LLWY15, MBL15, Mog11, MS19, MC14, ÖK18, ÖK19, PS18, SRP11, SL17, SH16, SBD10, SB11, VHV<sup>+</sup>16, WL15b, WSLX17, WBAS15, XLW10, ZR14, ZC13, ZY19, dCFOM12]. **mixed-effect** [MC14]. **Mixed-effects** [HBL14, ATF19, HTZ<sup>+</sup>16, Hua16, LC19, LLWY15, MBL15, VHV<sup>+</sup>16, XLW10, ZC13]. **Mixing** [Hol19]. **Mixture** [BCY16, GZB13, PBM16, AM19, AJM11, Akn13, Cha16, CCK13, DP15, Fal16, GDR12, GY16, GYV<sup>+</sup>13, GOC18, HZSA19, HEB13, JM10, LL11, LC19, LNC17, LZZ<sup>+</sup>15, MA17, PJR15, SPS19, SL15, SAM13b, SAM13a, TS17, TGL12a, Tsa18, WPXL14, WH14, WW16b, WYX17, WZ18, YL14, Yao15, ZF16]. **mixtures** [DYA19, FS10, FLB15, FMB16, GLO14, GdCCDS18, JR18, LDCL17, MAV17, MARS19]. **MLEs** [CBG16, TN16]. **mobile** [DRC<sup>+</sup>16]. **modal** [YLG15]. **mode** [vGK17]. **Model** [CL13, Che18, CYPGGM16, FP15b, HZ14, HAH14, KÖ19, LP16a, Lin14, LT16, LSA16, LZZ<sup>+</sup>15, MMK14, PBM16, RT19, SM11, XWZS15, AHAH14, AHA15, AP19, AG19, AHAM15, Ahm16, Akg19, AAH19, AL15, Alt19, Alw17, Ame12, AS12, AAAQ19, AKAW15, ATF19, AAGV12, Aus18, AAY19, ABA12, BR16, BL19, BV16, BCL18, BAS17, BAZ19, BBL13, Bor17, Bor15, CG15, CB11a, COBH11, CLDB16, CCZJ17, CJS10, CW16, CL14, CT16, CC17b, CTTS19, CA12, CCK13, CH14, Con10, CGdS14, CSPO14, CYRO18, DW17, DF19, DW18, DBL10, DDD17, EKBO16, FOC14, FM19, FW15, FII17, FHS12, FF14, FRL17, FBV18, FMB16, FKM13, FTS10, GBdL16, GGdC17, GGdC18, GK16, GY16, GB17a, GdSCO14, GGA18, GdCCDS18, GG16, Guo17, GV12, GG17, GIDB15, Haj19, HZSA19, HRR<sup>+</sup>17, HBFSGD11, Hir11]. **model** [HR12, HSC11, HW12, HY14, HS13, HKST17, HHC15, IRNB18, Ili15, Ism14, JP17, JY14, JYML13, Juh16, JKLR11, Kal14, KNM<sup>+</sup>15, Kha12, KA13, Kib12, KLKK19, Kiz17, KBM19, KL18b, KP15, Kuk19, LJV<sup>+</sup>18, LKM<sup>+</sup>15, LL11, LCLP15, LS19, Lem11b, Lem12, Lem13, LS11, LWZ17, LXL17, LJ18, LCZ18, LTJB18, LJL15, LZ10, Mån13, MSS14, MJ16, MC13, MC16, MS15, MFP17, MTS14, MPB19, Moi17a, MG15, NMS18, NX18a, NX18b, NTC11, OWLP16, OCPC12, ÖK18, PSV11, PB17, Par11, PO14, PRMM12, PD13,



PL18, PT14, QAA18, QMZ16, RGNM13, Rai12, RYS11, RBC<sup>+</sup>15, SSMF18, Saf13, SRP11, SWW19, dSSCR19, SPS19, SMM19, SGGC10, STL16, sS11, sS12b, SCW16, SY17b, Shi15, SM18, SYL<sup>+</sup>14, SH19, SRK13, TK18, TX14, TTWT19, TKG18, TdC18, TGL12a, Tsa10a, Tsi15, VBL17, WXF11]. **model** [WYW12, WZS17, WC17, Wan18a, WBAS15, WWW17, Wu16a, Wu16c, WYX17, WZ18, XYZ19, XZY13, XZD15, XLMX19, YCD15, YYW15, YHWS18, YZWM19, ZZXS17, ZLQ<sup>+</sup>17, ZF11, ZB13, dCOC16].

**Model-averaged** [FP15b]. **Model-based**

[LP16a, SM11, AKAW15, DF19, LXL17]. **Model-free**

[Che18, LWZ17, SGGC10]. **modeling** [AH18b, Sha15c, Sha15i, Sha19m].

**Modelling** [DRC<sup>+</sup>16, GY16, HEB13, KSJ16, MCW17, MFD16, MR17, WCC13, ZPL16, BAB15, CS18b, GHJC10, GG16, HNPB18, JY13, LS14, LLV<sup>+</sup>14, MBG17, MMK14, MBL15, MWL14, Mug16, PK16a, Par17, PQ19, RPFOMGRM17, SPS19, Sha15i, Sha19n, Stå16, YZWM19, dCOC16].

**models** [AM19, AHM13, AÖ16, AHC15, AD10a, ADRA15, AWH19, AAH19, AB16a, AACR18, ABGM18, ATON18, AR16a, ASB14, AB18, AI16, AÖ13, AL18, AY18, BKR17, BT14, BCY16, BZF18, BKJ16, BG11a, BSS17, BBA15, BMAW14, BCCN18, BG11b, BK17b, BEBG14, BV15a, BH18, BV15b, CL11, CDG<sup>+</sup>15, CSJ15, CH19, CCMGA14, ÇK19, CCM12, Cha16, CQJ12, CPK19, CLH14, CZX18, CT14, CWM17, Ciu13, CAO<sup>+</sup>17, CA19, CNL17, CCC10, DRAR19, DSP15, DP15, DY16, DHP14, DRLP14, DGW10, DP13, DFT17, DA13, Ema16, FH16, Fam12, FW13, FW15, FP15a, FP14, FLB15, FNRCM17, FAV18, FPP18, FVB13, FHO15, GLO14, GDR12, GYV<sup>+</sup>13, Gha19, GB18, GM16, GC17b, GMR15, GI17, GHMR19, HP15, HOC<sup>+</sup>19, HM13, HMP17, HA10, HA13, HAC16, HY16, HLN<sup>+</sup>15, HTZ<sup>+</sup>16, Hua16]. **models**

[HKL17, HKKL17, JM10, JKP19, JvBF13, Jou15a, JTL18, JLM15, Kal14, Kan17, KKY15, KK14, KL17a, KL18a, KF16, KSLN<sup>+</sup>18, KL12, KP15, Kum15, KÖ19, LH18, LDCL17, LP13, LY15, LL10, LC19, Lee19, Lem11a, LCM12, Li11, LYZ11, LW12, Li15a, LM18a, LLY19, Lia10, LNC17, LdNdSF18, Lin14, LSA16, LLWY15, LZZ<sup>+</sup>15, LGW16, LWT<sup>+</sup>17, LZZM18, LVB18, LM18b, LLT12, LK13, MCZ17, MMP19, MBKW19, Man15, MMK10, MRBR15, MH16, Mar14b, MC13, MBL15, MS17, ME15, MFP14, MKW16, MT17, MGR15, Mog11, Moi17b, MS19, MMP12, MC14, NJR13, dALNCdATdC11, NKB19, NLK11, NHA18, OJRACL18, OS14, ÖK17, ÖK19, Özk19, Pam19, PS18, PV17a, PZ10, PMP14, PAFPM12, PB19, QMZ16, QHB15, RKV17, RS17, RAN11, RBK16, RA17, RN18, RIY18, RZ13b, SM15, SL17, SH16, Say12, Seo11]. **models**

[SL15, SF12, Sha10b, She14a, She15b, SK18, Şir19, SB12b, SC12, Su16, SZM17, SS13, SO10, SBD10, SJ10, SR11, SB11, SGB13, THG15, THCZ18, TNM17, TZA10, TC10, Tsi15, UGMK13, UM14, VHV<sup>+</sup>16, VRC13, VP16, VNM14, VAW15, WM15, WDCK15, WL15b, WL15a, WL17, WDY18, WZX13, WHX19, XLW10, YK15, YLG15, YYG16, Yao15, YML14, YPL13, Yu15, YD16, YA16b, ZRH15, ZR14, ZMKAV19, ZCL19, ZH12, ZC13, ZZ17, ZLL19, ZL15, ZB10, ZS18, ZS16b, ZF16, Zie11, dCFOM12, dLHT17, vGK17, Sha15i].

**moderate** [SHP12]. **Modern** [MB16, Sha19t]. **modification** [LSA<sup>+</sup>15].

**modification-based** [LSA<sup>+</sup>15]. **Modified** [AY18, JZZH18, KR16, MFP14, Mur12, PCN14, PT14, SRAO11, VVNTVD<sup>+</sup>17, AO11, AAH19, AH16, AAVG16, ASA<sup>+</sup>17, Bot11, CC16b, CLAH17, COS14, CB13, DS14, DS15, DYX15, GSW17, GD19, HMP17, HNPB18, KS17a, Kia10, KS17c, LN13, McF16, NCO11, Saz19, SK11, UG10, UGMK13, Wel16, YS19, YGX14, ZA11]. **moment** [CLS<sup>+</sup>19, GSW17, McL14, RR13b, Yoo13]. **moment-generating** [McL14]. **Moments** [NJ18, BS13, BZAZ15, Cor13, NP16, PGF19, SAT16, WLL12, ZA11]. **monitor** [AM13, Haq14]. **Monitoring** [HKL17, KAK16, PV17a, Rak16a, WL19, AP15, AKAW15, AH18a, CMX17, CKPS11, DRC<sup>+</sup>16, FAT19, Gau11, GWX14, HK16a, HM18a, HK18a, HP11, HLL18, KP19, LAuaS<sup>+</sup>15, Li18, MMR16, MH17, NTC<sup>+</sup>19, OWKC15, QLW16, RA14, SLLZ18, SKTC11, WW16b, YA16a, YZL17, ZST15]. **monotone** [JM10, MMT16, Shu12]. **Monotonic** [MH12, SGB13, Yam19, ZNW19]. **monotonicity** [BDKM11, Wu12]. **Monte** [LED16, AB16a, AB13, AB14, BZF18, Bør15, CDG<sup>+</sup>15, Car16, CK14, CCK13, FP15b, GP15a, HH17, HLVR18, KE10, LLC17, LZZ<sup>+</sup>15, Meh15, Ned11, NA11b, NA11a, OSN17, PP10, PO14, Saf13, SJZ17, TPM17, UG10, WJ17, YW14]. **Moran** [LLN13]. **Morgan** [HCY16]. **Morgenstern** [UY12]. **morphology** [LAGM11]. **Morris** [FR15]. **motion** [FS15a, Guo17, KSM16, XZZ15]. **motor** [TKK19]. **movement** [LCN<sup>+</sup>17]. **Moving** [AP15, AAH19, BT16a, BCCN18, CHB18, Haq14, HBMAO15, HL15, Jou15a, LPJ14, LCZ18, MMR16, Zha16]. **moving-average** [Jou15a]. **mRMR** [BCT16]. **MSE** [NX18b]. **MSV** [CQJ12]. **MTM** [ZBG18]. **Muller** [Dia10]. **Multi** [Cha14, DRAR19, KGA12, RAB14, UA16, WTJW17, XX15, AR10, DW19b, GB17b, PS19b, RWCD17, SC19, WyT17, WHX19]. **multi-dimensional** [DW19b]. **multi-index** [WHX19]. **Multi-level** [DRAR19]. **Multi-objective** [KGA12, RAB14, UA16, WTJW17, GB17b, WyT17]. **multi-sample** [AR10, PS19b, SC19]. **multi-stage** [RWCD17]. **Multi-step** [Cha14, XX15]. **multiattribute** [HWA<sup>+</sup>14]. **multicollinear** [YA16b]. **multicollinearity** [AAH19, BKR17, BAT11, Jur12, RN18]. **multicomponent** [AG19, Akg19, Gun18]. **multidimensional** [Bai16, Cox13, FTS10, KC16, QX12]. **multifactor** [TQP10]. **multigamma** [MH12]. **multilevel** [AL18, GM16, GI17, Yuc17]. **multimodal** [AB10]. **multimodality** [NB18]. **multinomial** [AB15, HSC16, HAH14, RGNM13]. **multipath** [LPY18]. **Multiple** [Ahm19, AHJ16, DG16, GG17, WLCL18, YXZ19, AKU11, BKR17, BL19, BG11a, BCLM17, CSJ15, CA19, DS11, DDDD10, DYX15, DW19b, ER19, EKE<sup>+</sup>18, FAT19, GC17b, Jin15, KLK17, KS17b, KK15, KL17c, Li15b, LLM16, LWW18, NMS18, NTG13, NJdC14, QYX17, SSMF18, SGG18, SA12, SFS15, SLA17, sS12b, SBMF18, SU11, THCZ18, TKJ13, TK16, WDCK15, Wil15, WRP18, WPC15, Wu16b, Xie14, XSF17, Yam19, YZ15, YYG16, Yuc17, Zha15, vGK17]. **multiple-imputation** [vGK17]. **multiple-membership** [GC17b].

**multiple-point** [KK15]. **multiplicative** [LLBL14]. **multiplicity** [Hwa11].  
**multipliers** [JGPF17]. **multiply** [FM15b, SBS14, WY11, WLL12, WC14].  
**Multiresolution** [MN15]. **multisample** [Mur12]. **multistate** [DDD17].  
**multivariable** [ZCW<sup>+</sup>17]. **Multivariate**  
[CF10, CS18b, KS17b, Lem13, LMFMA15, MARS19, PJR15, Sha11d, SC19,  
AJFB14, ABP16, APF18, ARB13, AAG<sup>+</sup>19, AD15, AD16a, AI16, BCY16,  
BAKZ16, BS12, BS14, CCF19, CLDB16, CA12, CKPS11, DS11, DSCS19,  
Dog15, DC13, DC15, DC16, GSL<sup>+</sup>14, GBCS16, GV16, GB17b, HT12, Haq19b,  
HZ14, HSJ18, JV14, KGA12, LNC17, LLWY15, Lue19, MM13a, MLCL18,  
MA17, MV14, MFP14, MFP17, Mur15, NTC<sup>+</sup>19, Nom14, OvP10, PC11,  
PJ15, PS19b, PK16b, PL15, RAB14, RWCD17, SSMF18, SLSW15, SLV18,  
SFS15, SA15, SLD16, SR16, SKTC11, TD13, Tsa18, Tsa10b, UA16, VM19,  
WL15b, Wan15, WBG15, Wan18a, Yuc17, ZZ17]. **Multivariate-multiple**  
[KS17b]. **municipal** [YFT10]. **mutation** [WyT17]. **Mutiple** [GMG13].  
**Mutual** [BS12]. **MVRB** [GHRAM13]. **MWM** [ZBG18]. **myopia** [FW15].

**Nadarajah** [TCA<sup>+</sup>18]. **Naim** [Sha19f]. **Naive** [JL16]. **Nakagami** [SGG13].  
**natural** [BS16, WL15c]. **NBUE** [AB14]. **near** [GB15]. **nearest** [KLK15].  
**necessary** [BMPZ14]. **needs** [Con10, Sha19s]. **negative**  
[ÇK19, CLYX18, FI17, FDGD16, Fu16, GGdC17, GY16, HY14, KAJB19,  
KS17c, Li15a, LLY19, Mân13, MS17, Mog11, PA15, SP11, You14, YXZ16].  
**neighbour** [KLK15]. **neighbourhood** [RdSF16]. **neoteric** [TdSC19].  
**Nested** [GI17, TW14, CNL17, GMR15, HZSA19, Hof12, Kan17, XMC<sup>+</sup>14].  
**Nesting** [AB13]. **net** [MPB19, Pam19, PK16a, XX15]. **net-type** [PK16a].  
**Network** [LPY18, AP19, KOM19, KBL<sup>+</sup>15, SZS14]. **networking** [PSS15].  
**networks** [FAT19, GP19, LH14, LPY18, LL18b, VC15, YFT10, dB15].  
**neural** [GP19, VC15, YFT10, dB15]. **neuro** [JY14]. **neuro-fuzzy** [JY14].  
**Neyman** [LL13, PSV11]. **node** [LH14]. **Noise**  
[LLBL14, GP19, RL14, WHX<sup>+</sup>17]. **noise-based** [GP19]. **noisy** [RT19]. **Non**  
[CNL17, GGM18, KLK14, LH18, Med16, EB19, AO12, AR16b, BCJG12,  
BEBG14, CHTZ14, DFT17, FDGD16, GSL<sup>+</sup>14, GYV<sup>+</sup>13, HBT12, HY16,  
Hua16, IJL18, JM10, JG16, JYML13, Kal14, Kel16, KSJ16, LW15, LL15b,  
LLWY15, Llo10, MS17, MSS18, NJ13, NTG13, NLOT19, OSdVM13, PC11,  
PO14, PS19a, PPGT19, RAB14, RRB10, SRP11, SWXJ18, SSK13, Sta10,  
SKJ17, TK16, WBGJ15, WYZK16, WRN18, Wil10, WN11a, WN13,  
WFC<sup>+</sup>18, XY16, Xu17b, Yuc17]. **non-Bayesian** [HBT12]. **non-binary**  
[GSL<sup>+</sup>14]. **non-central** [PPGT19]. **non-conventional** [IJL18]. **non-convex**  
[SWXJ18]. **non-crossing** [EB19]. **non-distinctness** [Yuc17]. **non-Gaussian**  
[NLOT19]. **non-Gaussianity** [LW15]. **non-identical** [AR16b].  
**non-ignorability** [Yuc17]. **non-ignorable** [LLWY15]. **non-ignorably**  
[Kal14]. **non-inferiority** [Llo10]. **Non-informative** [KLK14, PS19a, SSK13].  
**non-isomorphic** [Sta10]. **non-iterative** [HY16]. **non-monotone** [JM10].  
**non-negative** [FDGD16, MS17]. **Non-nested** [CNL17]. **non-normal**  
[BEBG14, DFT17, GYV<sup>+</sup>13, Hua16, JYML13, LL15b, NTG13, PO14,

RRB10, WN11a]. **non-normality** [AO12, Xu17b]. **non-normally** [TK16]. **Non-parametric** [GGM18, Med16, OSdVM13, SRP11, WYZK16, WRN18, Wil10, WN13, WFC<sup>+</sup>18, XY16]. **Non-penalty** [LH18]. **non-random** [PC11]. **non-regular** [BCJG12]. **non-repairable** [JG16]. **non-response** [IJL18, MSS18, NJ13, RAB14]. **non-standard** [Kel16]. **non-stationary** [CHTZ14, KSJ16, SKJ17, WBGJ15]. **nonconformities** [KP19]. **nonconvex** [LOK16, SZJW19]. **nonignorable** [FTS10]. **nonignorably** [SZWL19]. **noninferiority** [Wel16]. **Noninformative** [KLKK19]. **Nonlinear** [ZLL19, BPH12, BV15b, Ciu13, CCC10, EKBO16, FG13, GLLO14, GOC18, GV16, Haj19, KMS17, LCM12, LS11, MBKW19, MBL15, Par12, RAB14, RS17, SR16, WBG15, XLW10]. **nonlinear-multivariate** [WBG15]. **nonnormality** [Bur14, GGSS19, KEW13, RBHSL11]. **Nonparametric** [AR10, BS14, CB19, DM12, Ned11, PS19b, PL16b, SK11, She12, She15a, TPW17, VDBA14, YZ15, ZCZ15, AGM15, BC19, CYPGGM16, DS11, DS10a, DFPT16a, DC15, DC16, KB18, LMSX16, Lu14, MG17, NY16, NS18, NJ18, SK17, WSC18, WBAS15, WWW15, Xu17a, YZWM19]. **nonresponse** [JvBF13, VM19]. **nonstationary** [MKL13]. **normal** [Aci18, ARY15, AG19, AL15, AB16b, AD15, AAVG16, ABA12, BMM14, BEBG14, CMC13, ÇS18a, CC16a, CSPO14, Dia10, DYA19, DC13, DFT17, DPK11, ER19, FLB15, FMB16, FAV18, GSL<sup>+</sup>14, GLLO14, GYV<sup>+</sup>13, GEC19, GA15, GGAM13, HK16b, HL13, Hay15, Hua16, JYML13, JTL18, KLK17, LW14, LL15b, LXZ11, Lon12, MAV17, MB16, MD18, MARS19, NTG13, Nom14, PO14, PJR15, RRB10, SL15, Sha18c, SH19, SG15, Sun11, TK15, Tsa18, VSG<sup>+</sup>18, Wan18b, Wil11, WN11a, WN12, WZX13, XZD15, ZMKAV19, ZA12b, dABS16]. **normality** [AO12, BRY17, CF10, GV18, Han10, HT12, JV14, KR16, MP15, Mei11, Nou10, NA11b, Nou17a, PZ10, RDC10, RA17, RIY18, SEGMA19, SNG12, Wan15, Xu17b, YS11, ZA12a]. **normalizing** [Lia10]. **normally** [Lüt15, McF16, TK16]. **northern** [PSY18]. **note** [BMM14, DFPT16a, GGdC17, Kla15, Kru12, LRV17, LPV13, TS17, WL10, Wu12, ZL16]. **novel** [AP17, FAT19, Ism16, LLXY17, WHX<sup>+</sup>17, Wu11, YAEU13]. **Novick** [RPN15]. **nowcasting** [MFD16]. **np** [HWA<sup>+</sup>14]. **NSGA** [SFS15]. **NSGA-II** [SFS15]. **nuisance** [CRV15, JP17, Mug16]. **null** [CRV15, Hwa11, QYX17]. **Number** [SGG18, AL18, Cha16, GY16, HKK<sup>+</sup>16, Hwa11, NKB19, RRDU13, SPS19, dABS16]. **numbers** [GB17b, McF16, YD16]. **numerical** [CGP15, DS11, LPS12, LR18a, Mur12, WT18].

**O** [ZB13]. **O-labelled** [ZB13]. **obfuscation** [MZZ<sup>+</sup>19]. **Objective** [KLK17, LM13, FHSC14, GB17b, KGA12, LW17, QMZ15, RAB14, UA16, WTJW17, WyT17]. **objects** [LP17, MWL14]. **observational** [TJK13, TKJ13, TK14]. **observations** [CC17a, CA19, DM12, JO11, KS16, RAB16, ZH12]. **observed** [PF16a, XZZ15, Zha16]. **Obtaining** [RMS14, Dia10]. **occlusion** [LLP<sup>+</sup>14]. **occupation** [DDD17]. **odd**

[AACR18, BCY<sup>+</sup>17, CAO<sup>+</sup>17, dCOC16, ACN<sup>+</sup>17]. **odds** [Alt19, WFC<sup>+</sup>18, ZRH15]. **offences** [CW16]. **oil** [HOC<sup>+</sup>19]. **Olkin** [ASH16, DNMT18, GGAM10, LLGP17, MS11, dESM15]. **On-line** [FG13, QLW16]. **One** [NTC<sup>+</sup>19, RZ13a, AS15c, AW17, BEBG14, ÇŞ18a, DHP14, DS15, DC16, GGSS19, KLKK19, KP15, LZ10, PO14, PHCS11, PCMMA13, SB15, SK11, Wu16b, YML14, YCA15]. **one-regressor** [DHP14]. **one-sample** [DS15, DC16]. **One-sided** [NTC<sup>+</sup>19, AW17, KP15, PHCS11, YCA15]. **one-stage** [Wu16b]. **One-way** [RZ13a, BEBG14, ÇŞ18a, GGSS19, KLKK19, LZ10, PO14, YML14]. **online** [Akn13, Gau11, SGGC10, YL14]. **only** [Mug16]. **open** [HS13, Sha18a]. **operating** [KKY15, LYQ<sup>+</sup>15, Sha15d]. **operational** [HBFSGD11]. **Operations** [Sha13b]. **operator** [CKP15]. **Optimal** [AH19b, Alw17, ABJR13a, ABJR13b, DA16, DB10, DB11, DW18, DG19, Hua11, HW17, IA10, KS17a, LY13, LXL11, PDS16, TKÖ19, WH19, YBAA15, ASM19, ATH12, CTX18, DBC12, ER19, Hir11, JP17, Kia12, LJV<sup>+</sup>18, LSL10, LY15, LLB12, MJ16, Pam19, PT14, RNH19, SP16, SNG12, WN11a, WL14, Ano14c]. **optimality** [WPXL14]. **optimization** [CMCH12, CLC19, GB17b, KGA12, LOK16, LL18b, San12, WH14, WyT17, ZCW<sup>+</sup>17]. **optimizations** [Sha11b]. **Optimized** [IJL18, LLXY17]. **Optimum** [IAGEK11, VM19, GB17b, KGA12]. **Option** [Guo17, FM19, MS15, SJZ17]. **options** [JK14, Meh15]. **order** [AJFB14, AHAA10, BS13, BZAZ15, BT16a, BA15, CRV15, CG15, CL11, CLH14, DRAR19, FP11a, FP15a, FP17, FGHRM12, Gha16, GRPP10, GHMR19, HP11, JKM16, KL17b, LL10, Llo10, MMP15, MES19, NSMFR15, PGF19, Rai12, SGTKBL15, SAB15, SBS14, SWZ15, SAT16, TP15a, UY12, VDBA14, WSC18, Zar19, ZS16b]. **Ordered** [Haq19a, JK19, AR16b, GYV<sup>+</sup>13, GBCS16, SAB15, TCM11, THCZ18]. **ordering** [Kiz18]. **ordinal** [Alt19, DP15, FH16, SXTJ17, Wan18a]. **oriented** [MN15, Sha19l, Sha19p, Sha19q]. **Ornstein** [HKST17, Zha11]. **orthogonal** [JP11, Jou15b, TP15a, ZCW<sup>+</sup>17]. **orthogonalization** [LWW18]. **other** [BAB15, DRB17, MZZ<sup>+</sup>19, MP15, OJRACL18, WLL12]. **Outcome** [BS16, GG17, TK16, YYG16]. **Outcome-adaptive** [BS16]. **outcomes** [BS16, CB10, JM10, Lu19, MA17]. **Outlier** [CC17a, DC13, Jur12, Par17, PMP14, SS12a, AKU11, CCF19, DS11, HMM13, KR18, SDWL17, YWZ18]. **Outlier-free** [CC17a]. **Outlier-resistant** [Par17]. **outliers** [AHM13, FMB16, KE10, KL17c, LGWZ18, Noo19, RBHSL11, SB12a, SC12, SO10, SB11, WLCL18, ZLW16]. **output** [VNM14, WC17]. **outputs** [DP13]. **over-** [OJRACL18]. **over-dispersed** [HK16b, SKJ17]. **over-dispersion** [PA15]. **overdispersed** [KNM<sup>+</sup>15, PCMMA13]. **overdispersion** [FMV<sup>+</sup>19, RIY18]. **overestimations** [KC16]. **overlapped** [AAG<sup>+</sup>19]. **overview** [LZGW14]. **ozone** [PAFPM12].

**P** [ACG<sup>+</sup>16]. **P-splines** [ACG<sup>+</sup>16]. **package** [GEV18, Wan15, YS13, ZY19]. **pair** [Alw17, Dia10, JW18]. **pair-approximation** [Alw17]. **paired** [AOH16, AP17, LLM16, RNSR19, SHP12]. **pairs** [HA10, HM17]. **Pairwise**

[FHS12, Lue19, RBHSL11, RR13a, RM19, FMK15, KKM16, LPV13, RRB10, Zha15]. **Pairwise-** [FHS12]. **Palm** [NHGS14]. **panel** [AB16a, BZF18, Fuk16, JTL18, Mei11, SS13, SBD10, YK15]. **paper** [BMM14]. **Paperback** [Sha19i, Sha19f]. **parabolic** [GB17b]. **parachute** [GZT14]. **Parallel** [SA16, AHH17, HC17, Kiz18, PS14, WZS17]. **parallelism** [TS16]. **Parallelizing** [PRNG18]. **Parameter** [ABA12, DPK11, EG18, KBM19, NB13b, NLHD12, RT14, SWLZ15, XZZ15, Adk12, ADA18, AP15, AWH19, ASH16, AY15, AS15b, AKV17, BT14, Bak14, BB12, CG15, CMCH12, CCMGA14, ÇK19, CCM12, CTX18, CA12, Chr15, Coi13, DHP14, DAB11, DB11, FWF16, FRL17, GZB13, GSW17, GRPP10, GHH17, GA15, Han17, HM18b, HAH14, HY14, HKL17, Ili16, JP17, JKM16, KC16, KR15b, Mar10, Mug16, NSR14, NB13a, NB14, NB15a, NB16, ÖK17, ÖK18, PV17a, PSK14, PK16a, Par17, PS14, PK11, RL14, SP11, SF13, San12, dSSCR19, SGG13, STL16, SSK13, SJ10, Ten19, Tza11, WY11, WWCL11, WLL12, WC14, YK15, ZZXS17, ZWDM19]. **Parameter-driven** [KBM19, AWH19]. **parameterized** [PV17b]. **parameters** [AE11, AS15a, AB16b, BZ14, BAS17, CRV15, CDG<sup>+</sup>15, CM10, CM17, Che11, DN13, DA16, DA13, GAB14, GM16, HCT19, Ism10, JKM16, JK19, KSM16, LGW16, MM13a, MD18, MQR18, MES19, MADASAM11, NB13a, NB14, NB15a, NKB19, PA15, PL16b, QAA18, RYS11, Saz19, SRAO11, STW15, SAM13b, SAK14, TCHS19, TKÖ19, TK14, WM15, WH14, Wan18b, Wu16b, ZS16a, ZBG18, ZY15]. **Parametric** [CT14, Chi10, XMC<sup>+</sup>14, BT16a, BCLM17, Bør15, CWM17, GC17a, GRPP10, GGM18, Haq19a, JK17, KL10, Li11, Med16, ME15, OSdVM13, Saf13, SRP11, SK18, WYZK16, WRN18, Wil10, WN13, WFC<sup>+</sup>18, WHX19, XY16, Xie14, YPAC11, YA16b, ZS18]. **parametrization** [Lem11b]. **Pareto** [AS15a, AS12, AKJ16, CC17b, DAB11, GB17a, Han17, HSC11, Hua11, IAGEK11, Lon12, Nad10, Noo19, PNN17, RASR16, SSD17, Wu10, WLL12]. **parsimonious** [DF19]. **part** [AKS<sup>+</sup>15, NX18a, NX18b]. **Partial** [SGÇ18, BCO13, Fuk11, LM13, Mal16, NHWT14, QX12, RAN11, SML19, Tsa18, WL15a, WWW17, Wu16a, XZ19]. **partially** [AS15a, AR16a, Ano14c, BCJG12, Haq19a, Ism10, IA10, Ism14, LGW16, PL18, QMZ16, SWW19, Wan18a, ZZ17]. **particle** [LL18b, Ned11, SHLT17, WH14, WyT17, YTNT14, dSdS17]. **partition** [WYW12]. **Partitioning** [LCN<sup>+</sup>17, RZ13b]. **past** [AAGV12, Li14, Zar17]. **path** [CP12]. **Pattern** [JM10]. **Pattern-mixture** [JM10]. **patterns** [FFP16, MN15, PC11, PSY18, SBMF18]. **PDF** [JZD18]. **Pearson** [ASB14, CM14, RS17]. **Pena** [KAA18]. **penalization** [CP12]. **Penalized** [Ali12, YPL13, HS13, HC10, KBJ16, LOK16, MT17, NHA18, SWXJ18, SZJW19, SDWL17, SESY13, TTWT19, VAW15, Wu13, XWMA18, YZ14, YA16b]. **penalty** [KK18, LH18]. **pepper** [WHX<sup>+</sup>17]. **percentile** [HK18b]. **percentiles** [HP11, LP10, SHST13]. **perfect** [MH12]. **perform** [BBV17]. **Performance** [DDDD10, dICHBCD19, LF16, LLS13, MFR<sup>+</sup>18, Moh17, WM12, Wu16a,

CS17, DS11, DFPT16b, GVTGH<sup>+</sup>18, HA13, HSC11, LS14, LK13, MM13a, MQR18, NO10, QAA18, RRV13, Tar12, Wu11, WC14, ZBG18].

**Performances** [Kal14, YS18]. **period** [CB19, Fuk11]. **periodic** [BCL18, BH18, MN19]. **permanent** [McC14]. **permutation** [GBCS16, KEW13, YXZ19]. **Permuting** [AP17]. **Perron** [HM19].

**personality** [MTS14]. **perspectives** [SLA17]. **perturbation** [Gül10, TTWT19]. **perturbations** [RL15]. **perturbed** [DRB17]. **PFC** [XLZ18]. **pharmacokinetic** [CL14]. **Phase** [SOH13, EKE<sup>+</sup>18, PV17a, AKAW15, YYW15]. **phased** [WWB18].

**phenomenon** [PSV11]. **Phylogenetic** [AP12]. **physiology** [WSC18].

**Piecewise** [AGA18, SB12b, WDY18, GGA18, Wel16]. **Pitman** [AB11, BDKM11, RAB16]. **pivotal** [MADASAM11]. **pivotals** [Llo10]. **plan** [AR10, AS12, AJA11b, AWJ<sup>+</sup>13, ABJR13a, ABJR13b, ABA16, NS17, WW19, WH19, YCA15]. **Planning** [LCB13, LCB14, Ano14c, IA10]. **plans** [AJA11a, AYJ11, AW17, CYL17, DYT10, DT13, DW18, DG19, Gov17, IAGEK11, LY13, Lia14, LHB11, LHB13, LCB13, TCLY14]. **plant** [WSC18].

**play** [Li14]. **plot** [SGTKBL15, Sta10]. **plots** [KK12]. **plotting** [Han10].

**PLSR** [AAG<sup>+</sup>19]. **plug** [FFP16]. **plug-in** [FFP16]. **PMSE** [NX18a]. **Point** [ARY16, Stå16, ACG<sup>+</sup>16, BT14, BTR16, BZ16a, HEB13, Kel16, KK15, Lem11c, Len11, LLC17, MN15, RG10, RS15, SR16, Wu16c, YP10, YTN14, ZGW14]. **points** [EFGMD13, JZZH18, LGWZ18, Wil15]. **Poisson** [AD15, ASA<sup>+</sup>17, AÖ13, BK17a, BAJN14, BSS15, BV15a, BVRI16, COBH11, ÇK19, CW16, Che19, Chi10, DSCS19, Fre12, GBdL16, GDCO18, GWH14, HEB13, HK16b, HBFSGD11, HR12, HKL17, KP19, Kha12, KSJ16, KL17a, KL13a, Lee19, Li11, LWT<sup>+</sup>17, OWLP16, ÖI10, Özk19, PB17, QKY16, RYS11, dSSCR19, SMM19, Sha15a, SH19, TZC<sup>+</sup>16, Wei12, ZHB18, ZWDM19, ZST15].

**Poisson-binomial** [ZHB18]. **Poisson-generalized** [COBH11].

**Poisson-reciprocal** [GDCO18]. **Poisson-X** [TZC<sup>+</sup>16]. **Poissons** [SY19].

**polar** [Nom14]. **policies** [AD16b]. **pollution** [DRC<sup>+</sup>16]. **polygon** [SHLT17].

**polylogarithm** [GGdC18]. **polynomial** [AD16b, Coi13, JP11, KSM16, MMT16, SB12a]. **polynomials** [MM15].

**polytomous** [GYV<sup>+</sup>13, WZ13]. **pool** [DHP14, Kuk18].

**pool-adjacent-violators-algorithm** [DHP14]. **Pooled** [Tza11, LLB12, NKZ19]. **pooling** [Rav19]. **popular** [ABA16]. **population** [AOR13, AOH19, Ak19, BMM15, CM16, GD19, IJL18, KTJ18, LXL17, Lu19, Moh17, MКСN18, NY16, PSKC18, QKUH18, QRH19, SA12, SRAO11, STS14, SG15, YP10, YPAC11, YS19]. **populations** [HS13, JKM16, JK19, LXZ11, RRB10, SBAA14, Stå16, SZ16, TK15, WY11].

**PORT** [FGHRM12, GHRAM13]. **portfolio** [CLC19, THR18]. **portmanteau** [AB18, ZHH19]. **position** [Han10, HCT19]. **positive** [AKS<sup>+</sup>15, CLYX18, HLVS18, NX18a, NX18b, PV17b, Sha19u].

**positive-part** [NX18a, NX18b]. **positives** [XX15]. **possibilistic** [MBG17, WH17]. **possible** [JZZH18, RSD14]. **post** [Fre16, LSA16, Sun11].

**post-change** [Sun11]. **post-stratification** [Fre16]. **posterior**

[FM15a, HH17, LRV17, WJ17]. **posteriori** [LR18b, MAV17]. **potentially** [CI15]. **Power** [DC15, Li15b, SY17a, SK17, Ali12, Ali14, AACR18, AL18, Aus18, BMPZ14, BMP12, Coi13, CLAH17, DC19, DII1, GGA18, JV14, KL17a, LL18a, LL10, LK17, MY13, NNB14, RDC10, RS14, SJN15, SDS16, TKB16, TRC<sup>+</sup>18, WL15c, Yam19, ZCL19, ZZXS17, dABS16]. **power-divergence** [Ali12, Ali14]. **power-log** [ZZXS17]. **power-normal** [dABS16]. **powerful** [LL15a, PHCS11, WPC15]. **pp** [Pak11, Sha19i, Sha19f]. **Practical** [DFPT16b, Sha19j, Jon16]. **practice** [GSL<sup>+</sup>14, POCdP13]. **Practices** [Sha19j]. **pre** [CC17a, Llo10, NO10, WW16a]. **pre-binned** [WW16a]. **pre-classified** [CC17a]. **pre-estimation** [Llo10]. **pre-test** [NO10]. **Precedence** [LBN<sup>+</sup>19]. **precise** [CRV15]. **precision** [LC10, WW12]. **predator** [Alw17]. **predict** [PAFPM12]. **predicting** [WDCK15, Yua15]. **Prediction** [AJFB14, AVK15, BA15, Erd13, RAJ16, SAB15, AHAH14, AMB12, AHAA10, AB10, CF15, DD12, DNMT18, DDD17, FNRCM17, Hat16, HW12, KTSR17, KR18, KN16, LX14, Lia11, NK15, NY16, PS16, PB19, PK11, RMS14, SBS14, Sha16, TD14, VDBA14, WL15c, XHEM17, XLZ18, YFT10]. **Predictive** [Gov17, FGV14, HBT12, KÖ19, MPB19]. **predictor** [GP15b, Her11, LY15]. **predictors** [ASM17, ARY16, LB11, RAB16, THCZ18]. **Preface** [AV19]. **Preliminary** [BPH12, Gau10]. **premium** [HBFSGD11]. **presence** [ASM19, Bor17, CRV15, CH19, GK16, GGSS19, JK17, JZZH18, KR18, KA13, LL15b, MSK14, NJdC14, PA15, RL15, SBMF18, VM19, Wu11]. **present** [ASM17, Mug16]. **prespecified** [HU14]. **Press** [Sha19i, Sha19f]. **pretest** [LSA16, SLA17]. **prevalences** [LYLM17]. **prevalent** [Yu11]. **prey** [Alw17]. **prey-predator** [Alw17]. **price** [Bia15]. **Pricing** [MS15, FM19, Guo17, JK14, Meh15, SJZ17]. **primal** [SZJW19]. **Principal** [Fuk16, JSM13, LGW16, AHJ16, Car16, Fuk11, VKK14, YBAA15]. **Principal-component-based** [Fuk16]. **Principles** [Sha19j, Sha18a]. **prior** [AL15, AY15, ABA12, BMM14, DD12, Tak17, WL15c, YZWM19, ZWDM19]. **priors** [Ho12, KLK14, KLKK19, LW17, LY18, LM13, LZZ<sup>+</sup>15, SSK13]. **probabilistic** [KL18b, DMV17, RWCD17]. **probabilities** [AB15, Bak18, GP15a, Gou11, HL13, Hay15, LB11, LLB12, Nom14, OvP10, SLD16, TK14, YL14]. **Probability** [SS15, AKS<sup>+</sup>15, BMM15, BAKZ16, CH15, DD15, GB15, HWWZ16, JY14, JL16, LZ11, MQR18, NJ18, OWKC15, ÖI10, Sha10d, Sha19f, VVNTVD<sup>+</sup>17, XBL18]. **probability-proportional-to-size** [BMM15]. **probable** [ZA12b]. **probit** [Adk12, AB16a, HA13, LS19, NMPR14, SBD10, Wan18a, YYW15]. **problem** [CLC19, MN19, NS17, PA15, PHCS11, QX12, RAB14, RGNM13, RS15, SH10, WRN18, WPC15]. **problems** [BTD18, Che19, CVL18, Mur12, NSMFR15, PD13, Wu16c]. **procedure** [CHQ17, FH11, GMG13, JCW19, KB18, Kuk18, LL18a, DDJ16, PB17, Rav19, SLV18, STS14, TP15a, WC14, WL14, You14]. **procedures** [DS18, DB11, DBL10, FKM13, Hwa11, Li15b, Rai12, SSD17, Sha15a, TP15b, UY12, WZ13, Wu16b, ZMW13, vGK17]. **Proceedings** [KS15]. **Process**



[Wei12, AM13, AH19a, AH19b, Ami11, AYJ11, AWJ<sup>+</sup>13, AÖ13, AH18a, AA16, BT14, BKJ16, BU17, BVRI16, BBM18, CW16, Cha17, Che19, CKPS11, DW18, DLZ19, Gau11, GV16, HZSA19, Haq14, HK16a, HM18a, HK18a, HCY16, HCT19, HAB12, Jer13, JK14, KAT15, KS17a, KSJ16, KL17b, KB18, LAuaS<sup>+</sup>15, LSF<sup>+</sup>17, Med16, MH17, NS17, NAA18, OWKC15, PWW15, Per10, RA14, SOH13, SC16, SLLZ18, WGC14, WL15c, WBGJ15, WW19, WL10, Wu11, YA16a, YZWM19, ZMKAV19]. **processes** [ACG<sup>+</sup>16, BTR16, BK17a, BBC10, CS17, CL15, DSE16, GGM18, HEB13, HR12, JY14, MAV17, Moi17a, NAA18, PBSZ13, PV17a, Per10, PL15, RPFOMGRM17, RMS14, SF13, SM11, Sha13c, SB13, SLM16, SKTC11, TD14, TNJ17, Tsa10b, WBG15, Wei12, XSF17, YYG16, Ye16, Zha11, ZST15, ZB10]. **product** [BS13, BZAZ15, MKSN18, Nad10, PGF19]. **products** [FF14, HOC<sup>+</sup>19]. **profiles** [AKAW15, AW17, GV16, HLL18, KAK16, Li18, WW16b, WL19]. **program** [GHMR19]. **programming** [FMK15, QX12, RAB14, Sha19l, UA16]. **programming-oriented** [Sha19l]. **programs** [KKL<sup>+</sup>15]. **progressive** [AHAH14, AHA15, AHH17, AS15a, ARY15, AG19, AB16b, BB12, BBA15, BAS17, CM17, CPK19, DBC12, DYT10, DT13, DC19, DKG16, ER19, HSR15, HW12, HW17, KTSR17, Lia14, LHB11, LH12, LHB13, PGF19, RT14, SKK12, SBK13, SEAEM13, SAK14, TN16, TP15b, WY19, Wu10, WWCL11, WH19, XYZ19, YCXN14]. **progressive-censored** [AHAH14]. **progressive-stress** [AHAH14, AHA15]. **progressively** [AMB12, AYR16, ARY16, AR16b, BS13, CBG16, DNMT18, EDASM17, GTB14, GAB14, GP15b, HC17, Ism14, KM12, KK13, KDG17, MTSR19, NLHD12, PB13a, PS14, RAB16, SK16, STW15, ZS16a]. **Projection** [AF12, CWZ18]. **Projection-based** [AF12]. **prone** [LYZ11]. **propensity** [TJK13, Tu19, TRC<sup>+</sup>18]. **Properties** [GDCO18, TQP10, AHH17, AACR18, AB10, AR16b, BG11b, BS12, Bru15, CGdS14, CSPO14, CAO<sup>+</sup>17, CYRO18, CLL10, DAP15, GDCO11, Kib12, KMS17, LMFMA15, OWLP16, SWW19, SDS16, SLM16, Tak17]. **property** [HM19]. **proportion** [GD19, QYX17, SB15, Tso15, YGX14, AH16]. **Proportional** [She11, She14b, AAGV12, Aus18, BMM15, BBA15, CPK19, DW17, DW18, Kiz17, OS14, sS11, WDY18, ZRH15]. **proportions** [ATH12, CC19, CCS12, RZ13a]. **proposal** [DGLV17, SU11]. **proposals** [TMG18]. **protocol** [LN13]. **prototype** [RGNM13]. **proxy** [NX18a]. **Pseudo** [CS11, DK17, DDD17, TGL12a, YD16]. **Pseudo-Bayes** [CS11]. **pseudo-empirical** [CS11]. **pseudo-replicated** [TGL12a]. **pseudo-value** [DDD17]. **pseudorandom** [McF16]. **Pte** [Sha19f]. **public** [DSVY14]. **Publishing** [Sha19f]. **purposes** [GG16, SLV18]. **puzzles** [VS15].

**QMLE** [BZF18]. **QR** [RN18]. **quadratic** [ARB13, GB17b, KGA12, OMY12, QX12, UA16]. **quality** [QLW16, Rav19, Sha19g, WW19, YZL17]. **quantal** [DS10a]. **quantification** [OSN17]. **quantifying** [HH17]. **Quantile**

[CHT16, FMZ18, HH15a, Hua16, LC18, MSA12, QZZ16, EB19, AR10, AY14, AY15, Cha14, CSJ17, HC15, HXT15, HKKL17, JLM15, KBJ16, KM17, KPK<sup>+</sup>13, KK11, Kuk18, LLT12, NB13b, PZZ19, SRP11, SB15, She14c, Tar12, TTWT19, Tsi15, WKJ<sup>+</sup>19, YZX18, Yu15, ZL15, ZL16]. **quantiles** [AR10, Cor13, Lon12, NB14, NB15a, Shi15, TTZS15, WEHCC14, Yua15]. **quantitative** [SBMF18]. **quantization** [FG13, FS15a]. **Quasi** [Alt19, CH19, SH16, Wu16c, FGHRM12, Kha12, Li18, NBB15, Ned11, SB11, Tsi15]. **quasi-Bayesian** [Tsi15]. **Quasi-complete** [SH16]. **Quasi-hidden** [Wu16c]. **quasi-independence** [NBB15]. **quasi-likelihood** [Kha12, Li18, SB11]. **Quasi-maximum** [CH19]. **quasi-Monte** [Ned11]. **quasi-PORT** [FGHRM12]. **question** [Lin14]. **questionnaire** [VKK14]. **questionnaires** [NMOV18].

**R** [ACG<sup>+</sup>16, CM14, GEV18, JV14, KKL<sup>+</sup>15, TNM17, VP16, YS13, ZY19, Sha19d]. **Rademacher** [MM15]. **radiometry** [RB17]. **Random** [MWL14, NJ13, Yua15, dABS16, AHAA10, APF18, AMB15, AR16b, AD16b, AL18, BP15, BA15, Ber12, BEBG14, Bru15, CCF19, CCMGA14, CLS<sup>+</sup>19, DN13, DYT10, DT13, GP15a, GDR12, GI17, HBL14, HOC<sup>+</sup>19, HM13, HBC11, Juh16, KLKK19, KP15, KTJ18, LH18, Li14, LL16, Lia11, LZ10, MJ16, McL14, MFD16, MSS18, NFFM14, PSKC18, PC11, PO14, RGNM13, RG10, RKV17, RRDU13, SA12, SH16, SY17a, She15b, WYW12, WL15b, YML14, YD16, Zar17, ZC13, ZWCK16, ZX14, ZB13]. **random-clumped** [RGNM13]. **random-intercept** [RKV17]. **randomization** [AP17, TQP10]. **Randomized** [RTM18, CS11, CB11b, JMM<sup>+</sup>17, MES19, Mur15, SM15, TTWT19, TP15a]. **randomly** [DA14, KVK15, PP19, RS14, Zör15]. **randomness** [DTZZ12]. **range** [AP15, PL15, YWL18]. **Rank** [HMM13, BZ16b, CP14, CWZ18, DD15, DKY17, GLB17, HZ14, HLL18, LM16, MMR16, Man15, NKB19, PP15]. **Rank-based** [HMM13, HLL18, NKB19]. **rank-sum** [DD15, MMR16]. **Ranked** [AMB15, BK16, AMAMS12, AAS18, AO11, AOR13, AOH16, CTX18, EG18, FZ18, GD19, Haq14, HBMAO15, HBM16, Haq17, LBN<sup>+</sup>19, MFR<sup>+</sup>18, MA10, MS18a, MMR16, MAAM10, Nou17a, SAB15, SDC12, SY17a, SGÇ18, SRAO11, STS14, SKM14, TdSC19, TKK19, YS18]. **ranked-set** [FZ18]. **ranks** [VGTGCF17]. **Rapid** [SDWL17, YTNT14]. **Rare** [QKUH18, QRH19]. **Rasch** [FHS12]. **rate** [AAGV12, Bag11, BCL18, BC19, CPK19, COP14, DW18, FVB13, GBdL16, GGdC17, GGdC18, Guo17, JG10, Kiz17, LPJ14, Li15b, LH14, LVB18, MY13, PQ19, RYS11, RBC<sup>+</sup>15, Sha18c, SRK13, UGMK13]. **rates** [AB10, AL18, Car19, Sha15a, SBK13, TRC<sup>+</sup>18, VHV<sup>+</sup>16]. **Ratio** [NHGS14, BTR16, BG11a, BSS15, BEBG14, CS16, Che19, CL10, EFGMD13, Gus15, LZ10, Mar11, MMP15, MFP14, MKSN18, Nad10, NBB15, OWKC15, PK17, PCN14, SJN15, SZS16, SLLZ18, WPXL14, WM12, WN11b, WW12, YS19, ZST15, ZGW14]. **ratio-based** [ZGW14]. **ratio-exponential-type** [YS19]. **ratio-product** [MKSN18]. **ratio-type** [YS19]. **rational** [OWKC15].

**ratios** [CSJ17, DGK12, Kuk19, LL17]. **Raton** [Sha19i]. **Rayleigh** [AE11, AHAH14, DD12, EG18, FH15, GdSCO14, JZD18, KR15b, MTSR19, NNB14, RAK16b, SJN15]. **Re** [SCW16]. **Re-weighting** [SCW16]. **real** [KAJB19, Sha15c]. **real-world** [Sha15c]. **realistic** [HM19, RBHSL11]. **reasonable** [ASM17]. **recapture** [ABM17, HHC15, Moh17, YP10, YPAC11]. **Receiver** [Sha15d, KKY15, LYQ<sup>+</sup>15]. **reciprocal** [AJM11, GDCO18]. **recognition** [LMRW17]. **recombinant** [PRNG18]. **Recommended** [RNSR19]. **Reconstruction** [AAGV12, KAR13]. **record** [AR10, AMB12, CM16, DB10, DAB11, DB11, KN15, KN16, Kiz17, NK15, RASR16, SAB15, Sha10e]. **record-based** [DB11]. **records** [AB11, Bak14, DDZ13, MZZ<sup>+</sup>19]. **recovery** [AB10, ABA12]. **Recurrence** [BS13]. **recurrent** [CR18, Wu13]. **Recursive** [Akn13, BZAZ15, GM16, LJ18, RZ13b]. **recycling** [MCW17]. **reduced** [FGHRM12, HZ14]. **reduced-bias** [FGHRM12]. **Reducing** [MT13, SD15, CP14, XX15]. **reduction** [Adr18, AAVG16, CG15, DKY17, Fan19, LS19, Par11, WL16, WN11b, XLZ18, Yoo13, ZLZZ18, dCFOM12]. **redundancy** [LV17]. **reference** [ABJR13a, ABRJ13b, BMM14, YL14]. **referring** [Wel16]. **refined** [DY16]. **refinement** [FS13]. **regard** [MY13]. **regime** [Guo17]. **region** [Wel16]. **regions** [AB15, CSJ17, LL17, MMP12, Rin12, Sun11]. **Regression** [DSCS19, LdNdSF18, PM10, SGGC10, THCZ18, AM19, AHM13, AÖ16, EB19, AD10a, ADRA15, AY14, AY15, AACR18, AKU11, AI12, AAAQ19, AR16a, AKAW15, ATF19, ASB14, AGM15, AL18, Aus18, AY18, AAY19, BKR17, BSS17, BZ16b, BAZ19, BK17b, Bor17, COBH11, ÇK19, Cha16, Cha14, CL13, CLC17, CHT16, CT14, CA12, Coi13, CAO<sup>+</sup>17, CYRO18, CA19, CYPGGM16, DG16, DYA19, DKY17, DK10, DP13, DA13, DDD17, EKE<sup>+</sup>18, FOC14, FH16, Fam12, FW15, FMZ18, FI17, FBV18, FP11b, FP14, FLB15, FAV18, FPP18, Fu16, GLLO14, GYV<sup>+</sup>13, GG16, HOC<sup>+</sup>19, Hat16, HM13, HMP17, HA10, HAH14, HN13, HH15a, HY16, HY14, HC15, HXT15, Hua16, dICHBCD19, HKKL17, HH15b, JP17, JLM15, KSÖG11, KBS11, KBJ16, KAA18, Kib12, KK14, KS17b, KK18, KPK<sup>+</sup>13, KSLN<sup>+</sup>18, KK11]. **regression** [Kuk18, KÖ19, LDCL17, LY15, Lem11a, Lem11b, LCM12, Lem12, Lem13, LYQ<sup>+</sup>15, Li15a, LL17, LY18, LNC17, LSA16, LZZ<sup>+</sup>15, LP16b, LGW16, LWW18, LM18b, Lu14, Lue19, LLT12, Mân13, MMP19, MBKW19, MJ16, MH16, MG17, Mar14b, MFP14, Moi17b, MS18b, MSA12, NO10, NX18a, NX18b, dALNCdATdC11, NHA18, OCPC12, ÖKD17, ÖK18, PB17, Pam19, PZZ19, PV17a, PSK14, PK16a, Par17, PZ10, PRMM12, PMP14, PD13, QAA18, QZZ16, QPQ18, QHB15, RAN11, RBK16, RA17, RN18, RIY18, SGG18, SRP11, SCL<sup>+</sup>18, SWW19, SB15, dSSCR19, ST13, SD15, SY19, SF12, Sha19u, She11, sS12b, She14b, She14c, SY17b, SWXJ18, SZJW19, SU11, SO10, SGB13, TK18, TTZS15, Tar12, THG15, TX14, TTWT19, VRC13, VP16, WZ13, WL17, WLCL18, WKJ<sup>+</sup>19, WBAS15, WWW17, Wil10, WS16, WN13, WW12, Wu13, XLW10, XY11, Xu17a]. **regression** [XWMA18, YZ15, YR15, YPL13, Yu15, YFT10, ZP14, ZCZ15,

ZLW16, ZLL19, ZL15, ZL16, ZY15, ZB13, dCOC16]. **Regression-based** [SGGC10, Hua16]. **regression-free** [SGGC10]. **regression-type** [WW12]. **regressions** [BAB15, CTC17, CNS12, CNQ14, CNP19, FS10, KM17, Lem16, NMPR14, PCN14, XY16, YZX18, ZLZZ18]. **regressor** [DHP14]. **regressors** [HA13]. **regular** [BCJG12]. **regularization** [FP15b, PK16a, RY13, WS16]. **Regularized** [CPP<sup>+</sup>19, LYQ<sup>+</sup>15, ZRH15, FWF16, MMK14]. **regularly** [EB19]. **Reisenburg** [KS15]. **reject** [Bot11]. **rejection** [ZWCK16]. **Relabelling** [ZF16]. **related** [Ame12, BSS17, KM14, KSLN<sup>+</sup>18, Sha15h, Sha15j]. **relation** [Mal16]. **Relations** [Xie14, BS13]. **relationship** [PZY<sup>+</sup>14]. **Relative** [JO11, FGH14, JMM<sup>+</sup>17, MMP12, YZX18]. **Reliability** [AG19, Akg19, CC17b, GZT14, KM12, KK13, LH14, XYZ19, XG11, AAS18, Bak14, CPK19, EXH16, Gum18, GGAM10, GGAM13, Kiz18, LSA<sup>+</sup>15, LPY18, NTZ19, PNN17, RT14, SK18, SSK13, SWZ15, SAM13b, TMG18, WWB18, XBL18, YML14]. **remanufacturing** [MCW17]. **remarks** [Mal16]. **Remedying** [PSV11]. **removals** [DYT10, DT13]. **remove** [WHX<sup>+</sup>17]. **renewal** [Ami11, CCZ13a, CCZ13b, JG10]. **repair** [AD16b, RBC<sup>+</sup>15]. **repairable** [JG16]. **Reparameterizing** [MS11]. **repeated** [FHO15, HTZ<sup>+</sup>16, MBL15, MC14, PA14, RG10, YPAC11, ZS18]. **Repetitive** [NS17, YCA15, AYJ11, AWJ<sup>+</sup>13, LAuaS<sup>+</sup>15]. **replacement** [Moh17]. **replicated** [CCZJ17, MAAM10, STL16, TGL12a]. **replicates** [BBL13]. **representation** [FNRCM17, Hof12]. **representative** [GL16]. **represented** [AD12]. **Reproducibility** [DD15]. **reproductive** [DFT17]. **repulsive** [QPQ18]. **reputation** [PSS15]. **Resampling** [XLB12, DS18, PC10, ZNW19]. **resampling-based** [DS18, PC10]. **rescaling** [Bru19]. **Research** [Sha19j, MCW17, NJ13, Sha13b, Sha19h, Sha19s]. **reservoir** [Sha19n, Sha19m]. **Residual** [Lee19, LSF<sup>+</sup>17, WGC14, WBGJ15, WBG15, CSJ17, FH15, FRL17, HKKL17, RAJ16, RASR16, Zar19, dCOC16]. **Residual-based** [Lee19, HKKL17]. **Residuals** [ZR14, ASB14, MS17, PA14, RS17]. **resin** [HOC<sup>+</sup>19]. **resistant** [Par17]. **resonance** [KM14]. **resources** [LYL17]. **respondent** [NB15b]. **respondent-driven** [NB15b]. **response** [CTC17, CS11, CCK13, DHP14, FH11, Fan17, FBV18, FTS10, GdCCDS18, IJL18, LS19, Lue19, MTS14, MSS18, NJ13, PV17a, RAB14, SH16, Sha10l, Sha19u, TA11]. **responses** [CB10, Ciu13, KBS11, LS14, Özk19, PA14, WL15b, Wan18a, ZPL16]. **restoration** [CC16b]. **restricted** [KSÖG11, ÖKD17, RCL15, XY11]. **restriction** [MES19]. **restrictions** [JKM16, ÖK18]. **results** [BCJG12, CL10, CNO13, NCO11, NCO12]. **retain** [Car16]. **RETRACTED** [Ano14c]. **Retraction** [Ano14c]. **retransmission** [LPY18]. **returns** [Ral17, THR17, Yos18]. **reversed** [AAGV12, Kiz17]. **reversible** [LZZ<sup>+</sup>15]. **Review** [Sha14d, Sha15f, Sha15b, Sha15d, Sha15c, Sha15e, Sha19d, Sha19e, Sha19i, Sha19f, Sha19g, Sha19h, OJRACL18, PF16b, TMG18]. **reviewed** [Sha10a, Sha10b, Sha10c, Sha10d, Sha10f, Sha10e, Sha10g, Sha10h, Sha10i, Sha10j, Sha10k, Sha10l, Sha11b, Sha11a, Sha11d, Sha11e, Sha13b, Sha14c,

Sha14b, Sha14a, Sha14e, Sha14f, Sha15f, Sha15b, Sha15d, Sha15g, Sha15c, Sha15e, Sha15h, Sha15i, Sha15j, Sha14d]. **Reviews** [Sha15g, Sha15h, Sha15i, Sha19j]. **revised** [BKR17]. **rich** [EKE<sup>+</sup>18]. **Ridge** [RAN11, AÖ16, AY15, AAAQ19, AR16a, AKV17, DK10, Ema16, GGG19, KSÖG11, Kib12, KÖ19, NO10, NAA17, ÖKD17, ÖK19]. **ridge-type** [Kib12]. **right** [AK16, AY18, AAY19, BZ16a, BMP12, CC19, CPK19, Che18, CHT16, KA13, Li14, MAEP14, NB15a, NB16, PP15, PPK16, PP19, She10, She14c, sS16, sS19, Stå16, Su16, XZ19]. **right-** [KA13]. **right-censored** [AY18, AAY19, BMP12, CHT16, NB15a, PP15, PPK16, PP19, She14c, Su16, XZ19]. **right-censoring** [sS16]. **ringens** [PSY18]. **Risk** [FS15b, NO10, THR18, BR16, DK17, FGH14, GZL18, Gus15, HBFSGD11, IS13, JMM<sup>+</sup>17, LL11, PB15, RZ12, Sha10f, Sha15j]. **risk-related** [Sha15j]. **risks** [AE17, AYR16, ARY16, ARY17, Bør15, CLC17, DG16, FMZ18, GK16, HU14, HH15a, HW17, Ili15, Lee17, MSS14, WYW12]. **RNA** [FMK15]. **Robust** [AO12, AB15, AAG<sup>+</sup>19, AI12, BAZ19, CB11a, ÇŞ18a, DF19, GZL18, IPK10, KL17a, KF16, KL18b, LL10, Lem16, LMSX16, LNC17, MS18a, MLCL18, Mar14b, NKB19, NLK11, PSK14, PK16a, Sha19u, SZWL19, SB11, THR17, THR18, VBL17, Woo10, XWMA18, YLG15, AF17, AM13, AO11, AY13, BV16, CT14, DA16, HMP17, KM17, MCZ17, MBKW19, MSK14, NAA17, PC11, PMP14, PP19, QKUH18, RA17, San12, SGGC10, Sha19a, Tso15, Tso16, TKJ13, Wil15, Wil11, WYX17, YL15, ZL11]. **robustness** [DC16, MHA10]. **ROC** [BCO13, MCBPF16, ODBT15, WZ13, Sha15d]. **rock** [ASM17]. **rock-burst** [ASM17]. **root** [CL16, MK12, ZS16b]. **roots** [GHJC10]. **Rounding** [GSL<sup>+</sup>14]. **row** [Sta10]. **row-column** [Sta10]. **rule** [MAEP14, PZY<sup>+</sup>14, ZZXS17]. **rules** [CL13, CC11b, JKM16, JK19, MQR18, RA14, Rak16a]. **run** [Bak18, Her11, LZGW14, SHST13, ZWCK16]. **run-length** [SHST13]. **runs** [CC11b, CB13, CLYX18, MQR18, RA14, Rak16a]. **Runtime** [KKL<sup>+</sup>15]. **rural** [IGR13].

**Saddlepoint** [GP15a, Ye16, AE17, McL14]. **sagax** [PSY18]. **SALSA** [WMDO11]. **salt** [WHX<sup>+</sup>17]. **salt-and-pepper** [WHX<sup>+</sup>17]. **Sample** [Su16, AF17, AM19, AVG18, AR10, AHAA10, ARQ19, AS15c, AAJ16, ABA12, BA15, BTD18, BG11b, Bru15, CC19, CTC17, CWZ18, Che19, DS10a, DS15, DB10, DC16, EE15, EDASM17, EG18, FKS10, FP14, GB18, GP15b, HW17, IP14, KAK16, KK13, KL17c, Lee11, LCZ18, Lon12, LK13, Mur12, Mur15, PS19b, PP15, PP19, PF16a, PL16b, RAB14, RRB10, RBHSL11, RRV13, Saf13, SGTKBL15, SBAA14, SBS14, Sha16, SC19, SHP12, SH10, SZ16, Tar12, UA16, WSC18, Wes16, Wil11, Wu10, WWCL11, WLL12, WC14, ZBG18]. **sampled** [AR10]. **sampler** [CI15, CK14, DSVY14, Lia10, SDC12]. **samples** [AOR13, BZ16a, BMM15, BBA15, BK16, ÇŞ18a, CYL17, DVA15, FM15b, Gau10, GAB14, GWX14, HN11, LBN<sup>+</sup>19, LY13, LLN13, NLHD12, NFFM14, RR13a, RAB16, SB12a, SBS14, SKM14, TCLY14, WY11]. **sampling** [AMAMS12, AAS18, AO11, AOH16, AOH19, Ali14, AS12, AMB15, AJA11a,

AJA11b, AYJ11, AWJ<sup>+</sup>13, ABJR13a, ABJR13b, ABA16, AAJ16, AW17, BU17, BK16, CS11, CYL17, CTX18, DYT10, DRB17, DGLV17, DG19, FM15a, FZ18, GZL18, GD19, Gou11, Gov17, GB17b, Haq14, HBMAO15, HBM16, Haq17, HK18a, Haq19a, Haq19b, HSC16, Hof12, HY16, KGA12, KK11, KTJ18, LF16, LAuaS<sup>+</sup>15, LLXY17, LY13, Lia14, LHB11, LHB13, LZ11, MFR<sup>+</sup>18, MA10, MS11, MS18a, MMR16, MH12, Moh17, MAAM10, Ned11, NB15b, NS17, Nou17a, Özg18, PSKC18, QKUH18, QRH19, SMBS10, SAB15, SA12, SFS15, SY17a, SGÇ18, SRAO11, Sha19t, STS14, SG15, TdSC19, TCLY14, TKK19, VM19, VC15, WW19, WCW15, XSF17, YLL17, YCA15, YS18, YS19, ZWCK16]. **SAR** [LPS12]. **sardine** [PSY18]. **Sardinops** [PSY18]. **SAS** [BBV17, LV17, NB18, Sha15g, UM14]. **saturated** [LJV<sup>+</sup>18]. **Saunders** [AJA11a, BZ14, LDCL17, Lem11a, LCM12, Lem12, Lem13, LMFMA15, Lem16, LX16, MLCL18, NGXZ14, PJR15, SN17, XYZ19]. **SCAD** [KEW13]. **Scale** [LDCL17, Che11, FLB15, FMB16, GLO14, Ism16, JKP19, KL18a, KP18, LCN<sup>+</sup>17, LCB13, LHLB19, MAV17, MARS19, MADASAM11, PB13a, PS14, PL16b, RGNM13, RM19, SHLT17, Saz19, SGGC10, SL15, SRAO11, WGC14, WLL12, WZX13, XHEM17, ZX14, ZBG18]. **scale-mixture** [SL15]. **scale-mixtures** [FMB16, MAV17]. **scaler** [BMM14]. **scales** [Mar11]. **scaling** [Cox13, QX12]. **scheduling** [WTJW17]. **scheme** [ADA18, HBM16, PB12, PSS15, SFS15, TN16, TP15b, WCW15, MM13b]. **schemes** [HBMAO15, KAK16, SA12, YCXN14]. **Schmidt** [Kia10, LWW18]. **Scholes** [Gül10]. **science** [Sha10g, Sha11c, Sha18a, Sha19k, Sha19j]. **sciences** [Sha19h]. **Scientific** [Sha19f]. **score** [AH16, CL10, DY16, LPV13, Mog11, Mug16, SO10, TJK13, Tu19, TRC<sup>+</sup>18, XZD15, YGX14]. **score-based** [Mug16]. **scoring** [CKP15]. **Scott** [NTC11, PSV11]. **screening** [BTD18, Che18, DM16, LB11, LWZ17, LC18, MCZ17, PZZ19, She11, WYZK16, WL14, YHWS18, YQ19, ZZ15a]. **screenings** [CTC17]. **SCS** [Zha17]. **SDE** [KSM16]. **search** [BOG15, FH11, JKLR11, PD13]. **Searching** [OSdVM13]. **seasonal** [BCCN18, BVRI16, KE10, RRV13]. **Seber** [HS13, YPAC11]. **second** [AKJ16, CG15, FGHRM12, GRPP10, Llo10, TP15a]. **second-order** [CG15, FGHRM12, GRPP10, TP15a]. **sectional** [TS14]. **segmentation** [BCLM17, LP16a, TNM17]. **segmented** [Mug16]. **selected** [AR16c]. **Selection** [PBM16, Bai16, BC19, BCT16, DS18, BAZ19, CCF19, CL13, CLH14, CKP15, DW19a, DP15, DK10, EZ12, FWZ<sup>+</sup>15, FWF16, FP11a, FP15a, FP17, GL16, Her11, HZ14, HM18b, HAH14, HH15b, JW18, JKP19, JP14, Kal14, KSLN<sup>+</sup>18, KÖ19, LKM<sup>+</sup>15, LC19, LYQ<sup>+</sup>15, LY18, Lin14, LT16, LSA16, LZZ<sup>+</sup>15, LWW18, MMK14, NKB19, OCT18, PS18, PSK14, PK16a, Par17, PHCS11, RT19, Saf13, SPS19, SESY13, SU11, SJ10, TK18, Ten19, TX14, THR18, WDCK15, WL15a, WL17, WZ19, WZX13, WPC15, XY16, XX15, XWZS15, YLG15, YR15, ZX12, ZFZQ18, ZF11]. **selector** [BAKZ16]. **selectors** [DL19]. **Self** [Rav19, DGLV17, SC16, SZS16]. **self-adjusted** [SZS16]. **self-adjusting** [DGLV17]. **Self-starting** [Rav19]. **self-updating**

[SC16]. **Semi** [ASM19, BCLM17, GC17a, YP17, DLZ19, GRPP10, HH15a, JK17, LZZM18, ME15, QX12, WHX19, YA16b, ZS18]. **semi-competing** [HH15a]. **semi-definite** [QX12]. **Semi-doubly** [ASM19]. **semi-Markov** [DLZ19]. **Semi-parametric** [BCLM17, GC17a, GRPP10, JK17, ME15, WHX19, YA16b, ZS18]. **Semi-supervised** [YP17]. **semi-varying** [LZZM18]. **semicircle** [RS14]. **Semiparametric** [HS13, She15b, WZ13, YCD15, ZZ17, Zie11, AD10a, ADRA15, AY18, AAY19, DFT17, DA13, Ema16, HZL16, Hua16, Kan17, KC14, Kuk19, PL15, RBK16, RA17, RN18, Seo11, She14a, TX14, WBAS15, Wu13, WYX17, WZ18, XZY13, XZD15]. **sensible** [MSS18]. **sensitive** [MZZ<sup>+</sup>19]. **sensitivities** [GP15a]. **Sensitivity** [AW14, BTD18, KKY15, LPS12, ABA12, CL15, CGP15, Da 15, DM16, GDPH12, JY13, LSA<sup>+</sup>15, DMV17, SGTKBL15, WYZK16, WC17, XG11]. **sensitizing** [RA14]. **sensory** [Sha10g]. **Separated** [MS17, Say12]. **separation** [SH16]. **sequence** [Bak18, CB19, LP17, RG10, Sun11, TNM17]. **sequences** [FMK15]. **sequencing** [SH19]. **Sequential** [HAB12, Kum15, Ak19, FS15b, LZ11, OWKC15, SMBS10, SJZ17, SBS14, WPXL14, WL14, ZGW14]. **serial** [FHO15, LP17, Wei11]. **serially** [Wei12]. **series** [AHH17, Ahm16, ABGM18, AB18, AA11, BPH12, BCLM17, BS19, BBM18, CHTZ14, CCP12, CB11a, CL16, Chr15, CF15, CLAH17, EFGMD13, Her11, HZ14, IRNB18, Jin15, JCW19, KL18a, KF16, Kiz18, KBM19, KR15a, LP17, MN19, MC16, MV14, Moi17a, NSMFR15, Par12, PMM18, PSY18, RWCD17, RTM18, SDS16, Sha19a, Sha10k, Sha15i, SM18, SB12b, SR16, SKJ17, SO10, TD13, TS14, TZA10, WZS17, WSLX17, Wei11, WJ19, YK15, YWL18, YAEU13, ZMKAV19, ZCL19, ZNW19, dSdS17]. **series-parallel** [AHH17]. **services** [CLC17]. **set** [AMAMS12, AAS18, AO11, AOR13, AOH16, AMB15, BK16, CJ13, CTX18, EG18, FW15, FZ18, GD19, Haq14, HBMAO15, HBM16, Haq17, LBN<sup>+</sup>19, MFR<sup>+</sup>18, MA10, MS18a, MMR16, MWL14, MFD16, MAAM10, Nou17a, SAB15, SY17a, SGC18, SRAO11, SZJW19, STS14, SKM14, TdSC19, TKK19, YS18]. **SETAR** [FP15a]. **sets** [AKS<sup>+</sup>15, LL18a, RZ12, SNGMRC16, ZF16]. **setting** [DLS18, Mar14b]. **settings** [TS16]. **setup** [ZS18]. **seven** [NA11b]. **Several** [WBAS15, GMG13, KKE17, MMP19, Mar14a, NGXZ14, PV17b, PGT11, PAFPM12, TK15, Wil11]. **sex** [GGM18]. **shape** [AP15, CG15, Ili16, Ism16, KTSTR17, KP18, NG16, SGG13, SY15, Tza11, WWCL11, WLL12]. **shape-scale** [KP18]. **shaped** [ASH16]. **shapes** [WH17]. **Shapiro** [GEC19, MP15]. **shared** [FRL17]. **sharpening** [BBW17]. **shelf** [LSL10]. **shell** [WH17]. **Shewhart** [CM10]. **shift** [FMB16, HKL17, LMSX16]. **shifted** [MP16, WZ18]. **shifts** [MMR16, OWKC15, TC10, Yam19]. **shock** [NMS18, SSMF18]. **shocks** [BG11a]. **shop** [WTJW17]. **short** [BZF18, DLZ19, Guo17, Her11, Kuk19]. **short-term** [Kuk19]. **shortfall** [GZL18, GC17a]. **showing** [UGMK13]. **Shrinkage** [CA12, MAAM10, NHA18, YA16b, Cha15, CKP15, LH18, NX18a, NX18b, SLA17, Tak17, THG15, WN11a]. **SICA** [SWXJ18, SZJW19].

**SICA-penalized** [SWXJ18, SZJW19]. **sided** [AW17, KP15, NTC<sup>+</sup>19, PO14, PHCS11, Rak16a, WL14, WPC15, YCA15].  
**sieve** [CH14, RMS14]. **sigma** [Sha19g, Rav19]. **sign** [DC16, TTZS15].  
**sign-based** [TTZS15]. **sign-type** [DC16]. **signal** [CSJ15, CC16b, LZGW14, SLSW15, XBL18]. **signals** [Bru15]. **Signed** [BZ16b, Wei11]. **Signed-rank** [BZ16b]. **Significance** [DLS18, Adk12, CRV15, LDB10]. **Simian** [TNM17]. **similarities** [TD19].  
**similarity** [PSS15]. **similarity-based** [PSS15]. **Simon** [LRV17]. **simple** [AHM13, Ali14, AH18b, BT16b, Bru15, CC16a, Che11, Cor13, Dia10, GSL<sup>+</sup>14, GK16, Her11, HA13, JP17, KAK16, Kus11, LL18a, LP16b, PSKC18, SY17a, WW16b, Wil11]. **simpler** [SCL<sup>+</sup>18]. **simplex** [DGLV17, OvP10, TPW17]. **simplification** [SM11]. **SimSel** [EZ12]. **Simul** [Pak11]. **Simulated** [SGZM14, CS16, Woo10]. **Simulating** [HSC16, How13, HM19, LWT<sup>+</sup>17, MB13, McL14, PQ14]. **Simulation** [How13, KR13, Adk12, BK17a, DS18, Bru19, CHTZ14, CDG<sup>+</sup>15, DF14, DSVY14, EZ12, EKE<sup>+</sup>18, FM19, FF14, FVB13, FS15a, GI17, HU14, HZ14, HR12, JMM<sup>+</sup>17, JL16, KTJ18, LF16, LLGP17, LW12, LLV<sup>+</sup>14, LZ11, Meh15, NHGS14, Özk12, PC11, PO14, RT19, RCL15, SNGMRC16, Saf13, SLV18, Sha15c, SBMF18, TJK13, UG10, Yuc17, Zha11, ZMW13, Sha15c].  
**simulation-based** [LW12]. **simulations** [Jon16]. **Simultaneous** [AD15, DW19a, KKE17, LM16, Man15, WL15a, WHX19, Zha15, CSJ17, CT14, LL17, MC14, PS18, TKG18, WM15, WY11, XHEM17].  
**Simultaneously** [CMX17, NJdC14]. **Singapore** [Sha19f, HLN<sup>+</sup>15]. **Single** [CSJ15, BS13, BZAZ15, BAZ19, Dog15, Gov17, LY15, LM18b, Özk12, PGF19, PL18, Wan18a, YZWM19, ZL15]. **single-index** [BAZ19, LM18b, PL18, Wan18a, YZWM19, ZL15]. **Singular** [JR17, RTM18].  
**SIR** [EKBO16, SZWL19]. **six** [Sha19g, Rav19]. **size** [AVG18, AHAA10, AAJ16, AL18, ABA12, BMM15, BA15, BTD18, CC19, CTC17, CM16, DB10, HW17, IP14, KAK16, Moh17, NFFM14, SH10, Su16, TP13, YP10, YPAC11].  
**size-biased** [TP13]. **sized** [ES11]. **SiZer** [LM18a]. **sizes** [FKS10, PF16a, RRB10, RBHSL11, SHP12, VHV<sup>+</sup>16]. **Skew** [XZD15, ATON18, AAVG16, ABA12, BMM14, BK16, ÇS18a, DYA19, DC13, FLB15, FMB16, FAV18, GLLO14, GEC19, Haj19, HK16b, JTL18, LS19, MAV17, MARS19, SNG12, Stå16, SG15, TdC18, VSG<sup>+</sup>18, WZX13, Yos18, ZMKAV19]. **skew-** [Yos18, ATON18]. **skew-generalized-normal** [FAV18].  
**Skew-normal** [XZD15, AAVG16, ABA12, BMM14, DC13, GLLO14, JTL18, MAV17, MARS19, SG15, VSG<sup>+</sup>18, WZX13, ZMKAV19]. **skew-normality** [SNG12]. **skew-probit** [LS19]. **skew-symmetric** [Haj19]. **skewed** [YZL17].  
**skewness** [AK16]. **skip** [ABJR13a, ABR13b]. **skip-lot** [ABJR13a, ABR13b]. **skipped** [WRP18]. **SkSP** [ABJR13a, ABR13b].  
**SkSP-2** [ABJR13a, ABR13b]. **slicing** [XLZ18]. **sliding** [RWCD17].  
**slightly** [Juh16]. **slippage** [BG11a]. **slope** [STL16, Tsa10a]. **slot** [GZT14].  
**slot-parachute** [GZT14]. **slowly** [FPP18]. **Small** [BG11b, CCS12, FP14, HM13, LXL17, Lon12, MS19, SRP11, Tar12, ZBG18, Bru15, CTC17, EE15,



GB18, HM17, LK13, NTC11, NKZ19, QMZ15, RR13a, SHP12, TS14, HT12].  
**Small-sample** [FP14, Lon12, ZBG18, Bru15, EE15]. **Smirnov**  
 [Fre12, OO12, SY17a]. **Smith** [NTC11]. **Smooth** [BMAW14, DTRB11].  
**Smoothed** [BC19, Lin16, MPB19]. **smoothing**  
 [CJ13, CWM17, JO11, JO12, Ned11, WMDO11, ZAK13]. **smoothly** [CP12].  
**Sobol'** [TP15a, CGP15]. **social** [FAT19, PSS15]. **society** [LCN<sup>+</sup>17].  
**software** [ASM<sup>+</sup>11, BR16]. **solution** [KL10, SLM16]. **solutions** [Yao15].  
**Solving** [NHWT14, VS15, BH19, Kha12]. **Some** [AB18, Kib12, KMS17,  
 Kiz18, Mal16, MGR15, SJZ17, Adk12, ACN<sup>+</sup>17, ABA16, CGdS14, DDDD10,  
 DC16, Fam12, GZL18, KL12, KP15, KR15a, LC18, PP10, PNN17, QAA18,  
 QKUH18, SF13, SK13, SG15, TKÖ19, YS18, Zie11, ZMW13]. **sometimes**  
 [Rav19]. **sources** [SLA17]. **Space**  
 [Jou15b, ABP16, CJS10, CSJ15, FNRCM17, HLVR18, KBM19, San12].  
**Space-filling** [Jou15b]. **space-time** [ABP16]. **Sparse**  
 [LOK16, SH19, Cha15, DW19a, DS10b, FWZ<sup>+</sup>15, FP17, JO11, NBB15,  
 NKZ19, PSK14, SML19, WLCL18]. **spatial**  
 [BT14, BTR16, BL19, BZF18, CS18b, CWZ18, Con10, DL19, DBL10, FRL17,  
 HLL18, JKP19, JTL18, LP16a, Lia10, MN15, NHWT14, RdSF16, RS15,  
 SZM17, TD14, WS16, XWZS15]. **spatial-fractional** [NHWT14].  
**spatial-temporal** [DBL10]. **spatially** [BKJ16, WMDO11]. **spatio**  
 [ACG<sup>+</sup>16, DRC<sup>+</sup>16, VBL17]. **spatio-temporal** [ACG<sup>+</sup>16, DRC<sup>+</sup>16, VBL17].  
**spatiotemporal** [DL19]. **Spearman** [SGZM14, TCM11]. **special** [Zha17].  
**specific** [Her11, LLV<sup>+</sup>14, NAA18, Yu11]. **specific-to-general** [Her11].  
**specification** [YCA15]. **specifications** [AW17]. **specified**  
 [AI16, PQ14, Wil15]. **spectra** [ZB13]. **spectral** [HLVR18, LL13, NHWT14].  
**spectrally** [AAG<sup>+</sup>19]. **spectrum** [RTM18]. **speed** [PF16b]. **spheres**  
 [APF18]. **spiked** [HOC<sup>+</sup>19]. **spline** [HS13, MT17]. **splines**  
 [ACG<sup>+</sup>16, RCL15, SESY13]. **split** [Sta10]. **split-plot** [Sta10]. **sports**  
 [Sha11a]. **spread** [Len11]. **SPSS** [Sha15e, Sha15e]. **spTDyn** [BKJ16].  
**spurious** [Kus11]. **square** [Alt19, ATF19, CM14, LJ18, SLD16]. **squared**  
 [CF10, Tsa18, VGTGCF17, Yoo13]. **squares** [AR16a, Fuk11, Fuk16, HL15,  
 KS16, Lee19, Mal16, MSA12, RBK16, RA17, SESY13, SML19]. **Srivastava**  
 [HT12]. **stability** [Gau11, KBL<sup>+</sup>15, Li15b]. **stabilizer** [GP19]. **stable**  
 [CS17, SA15, Zha11]. **stage** [AJA11b, BL19, BV15b, CC16b, CHQ17,  
 FMV<sup>+</sup>19, HNPB18, Kuk18, NAA18, RWCD17, TdSC19, TKG18, Wu16b].  
**Stahel** [VW11]. **standard**  
 [Dia10, Kel16, LLP<sup>+</sup>14, LK13, RZ12, Tsa11, Wil11]. **standardized** [RR13b].  
**standardizing** [LL18a]. **standby** [JG16]. **starting** [Rav19]. **starts** [SA12].  
**state** [Alw17, CJS10, CSJ15, DSVY14, DDD17, FNRCM17, KBM19, SDC12].  
**state-space** [CJS10, CSJ15, FNRCM17, KBM19]. **Statement** [Ano14c].  
**states** [RRDU13]. **station** [DRC<sup>+</sup>16]. **stationarity** [BD12, dLHT17].  
**stationary** [CHTZ14, KSJ16, NHGS14, SKJ17, Tsa10b, WBGJ15]. **Statist**  
 [Pak11]. **statistic** [AHM13, ASA<sup>+</sup>17, HMP17, HP11, KAA18, KÖ19,  
 MMR16, Mur15, PPK16, Yan10]. **Statistical**

[ASM17, ARY17, AZS15, Aus18, BBA15, BMP12, BBL13, CPK19, CL14, CLL10, FM15b, GLLO14, GV12, KAT15, LYZ11, RB18, Sha10i, SK16, TP13, WWCL11, YCXN14, ZLQ<sup>+</sup>17, ABA16, AL18, BS12, DB11, FKS10, FHSC14, GIDB15, HBT12, KPM16, KP19, LLV<sup>+</sup>14, LCN<sup>+</sup>17, MZZ<sup>+</sup>19, NMS18, PAFPM12, RGNM13, RB17, SSMF18, SFS15, Sha19e, Sha19g, SOH13, TPM17, TRC<sup>+</sup>18, WHX<sup>+</sup>17, ZCW<sup>+</sup>17]. **statistically** [HRR<sup>+</sup>17, HL15]. **statisticians** [Sha13a]. **Statistics** [Sha10a, Sha15h, AJFB14, AvR15, AHAA10, Ali12, Ali14, AR16b, BS13, BZAZ15, BT16a, BA15, CS16, CC11a, CP14, CVL18, ES11, Gha16, Man15, MG15, Mur12, NB13b, NB14, PCN14, PGF19, PPGT19, QHB15, Ral17, SAB15, SB12a, SBS14, Sha10j, Sha11a, Sha11c, Sha11d, Sha11e, Sha14d, Sha14a, Sha19g, Sha19q, SK13, SRK13, SAT16, UY12, VDBA14, WyT17, Sha19j]. **status** [PL18, SK11]. **Steady** [SDC12, DSVY14]. **Steady-state** [SDC12, DSVY14]. **steepest** [FH11, Kia10]. **Stein** [AMAMS12, AKS<sup>+</sup>15, ZWDM19]. **Stein-type** [AMAMS12]. **step** [ARQ19, Ano14c, AH18b, BH19, Cha14, Dog15, DW18, GK16, IA10, Ism14, LCB13, LCB14, LXL11, XX15, ZS16a]. **step-stress** [AH18b, DW18, GK16, Ism14, LCB13, LCB14, LXL11, ZS16a]. **stepwise** [HH15b, KEW13, QMZ15]. **stewardship** [Sha18a]. **stick** [Car16]. **Stochastic** [LLC17, Sha13c, ARB13, Alw17, AKV17, BH18, CK14, EKBO16, FM19, FW13, HA10, Hof12, Jer13, Jon16, Kiz18, LLQ<sup>+</sup>16, LH14, MBL15, McC14, MS15, MKW16, ÖK18, RPFOMGRM17, SHLT17, WCC13, WSC18, ZLQ<sup>+</sup>17]. **stock** [Cox13, YAEU13, Yos18]. **storytelling** [Sha18a]. **Strategies** [Gou11, NMOV18, BAT11, LXL17, LPS13, MV14]. **strategy** [BCLM17, Kia10, Li14, PZY<sup>+</sup>14]. **stratification** [Fre16]. **stratified** [AM19, ARB13, GB17b, KGA12, KTJ18, Özg18, RAB14, SMBS10, UA16, VM19]. **streams** [QLW16]. **strength** [AG19, AAS18, Akg19, Bak14, BBA15, CC17b, Hir11, Jou15b, NTZ19, SWZ15]. **strengths** [SC16]. **Stress** [Ho16, NTZ19, AHAH14, AHA15, AG19, AAS18, Akg19, Ano14c, AH18b, Bak14, BBA15, CC17b, DW18, ER19, GK16, Hir11, IA10, IAGEK11, Ism14, LCB13, LCB14, LHLB19, LXL11, SWZ15, ZS16a]. **Stress-strength** [NTZ19, AG19, AAS18, Akg19, Bak14, BBA15, CC17b, Hir11, SWZ15]. **strong** [FM19]. **strongly** [SB13]. **Structural** [SB13, CB11a, CK14, Con10, GHMR19, JY13, LK13, MV14, MSK14, RL15, TD19, VBL17, Yam19]. **structural-change** [CK14]. **Structure** [LL18b, WL17, BR16, BVRI16, BH18, FRL17, Gha16, GHH17, LLGP17, WL15a, XWZS15, YTNT14]. **Structured** [KPK<sup>+</sup>13, MM13b, Wes16]. **structures** [Jin15, RdSF16, ZX12]. **Student** [Ho12, AO12, HY16, LK17]. **Student-** [Ho12, HY16, LK17]. **Studentized** [SO10]. **studies** [DSVY14, EKE<sup>+</sup>18, Fan17, KL12, NMOV18, QZZ16, ST13, TJK13, TKJ13, TK14]. **Study** [GB15, XHYX14, AB16a, AY13, BCT16, DS18, Bør15, Bru19, CGSTG18, CYPGGM16, DS11, DP15, DC13, EKE<sup>+</sup>18, FGHRM12, FVB13, GI17, HZ14, HM18b, IS13, JMM<sup>+</sup>17, JV14, KTJ18, LF16, LLGP17, LLP<sup>+</sup>14, LZ11, MMK10, MSS18, Özk12, PO14, PMM18, PRMM12, RASR16, RKV17, RT19,

RCL15, SNGMRC16, SKX<sup>+</sup>18, SK13, TJK13, Wes16, XZY13, YPAC11, YS13, YYW15, ZL11, ZMW13, HLN<sup>+</sup>15]. **subdiffusive** [Guo17]. **subdistribution** [HU14]. **subject** [GM16, LH14, RNA17, RNSR19, ZLZZ18]. **subordinator** [Ye16]. **subsamples** [AMB15]. **Subsampling** [WZ19]. **Subsampling-extrapolation** [WZ19]. **subset** [GL16, Haq19a, HR12]. **subspace** [AKV17, KLK15, LLBL14, Par12, SML19]. **success** [LZ11]. **successive** [She10, sS16, sS19]. **Sufficient** [AMBP17, XLZ18, Adr18, NX18b, Yoo13]. **suitability** [Gau10]. **Sum** [Nad10, DD15, HL15, MMR16, MH17, SY19]. **summary** [MG15]. **sums** [CLS<sup>+</sup>19, FDGD16, GP15a]. **superadditive** [KAJB19]. **supersaturated** [BMAW14, CKP16, KEW13]. **supervised** [Fan19, YP17]. **supplemented** [MQR18]. **supplier** [PHCS11, WPC15]. **supply** [MCW17]. **support** [ATF19, Bot11, CKPS11, Erd13, KOM19]. **sure** [ZZ15a]. **surface** [FH11, Sha10l, WZ13]. **surfaces** [ODBT15, Sha19u]. **surgery** [LED16]. **surplus** [KS17a]. **surrogates** [DP13]. **survey** [ARQ19, AD10b, MSS18, Sha19t, UA16]. **surveys** [ARB13, CCS12, LXL17, LPS13, Lu14, RAB14, ZCZ15]. **Survival** [AÖ13, Sha15f, Bor17, CCF19, CLDB16, CR18, FVB13, GWH14, HP15, LKM<sup>+</sup>15, PQ19, She10, SK11, sS16, sS19, TKK19]. **surviving** [CLDB16]. **survivors** [Bor17, COBH11]. **Survo** [VS15]. **SV40** [TNM17]. **swarm** [LL18b, WH14, WyT17]. **Swerdlow** [Sha19j]. **switching** [Haj19, RA14, Yao15, YTNT14]. **symbolic** [dALNCdATdC11]. **Symmetric** [JW11, AD12, CCC10, Haj19, MN19, VP16]. **Symmetrical** [WC17]. **symmetry** [AE17, Alt19, AK16, BMPZ14, CB13, DC16, MAEP14, PV19]. **synthetic** [CS13, HK16a, HWA<sup>+</sup>14, MHA10, NTC<sup>+</sup>19, RNH19]. **synthetic-np** [HWA<sup>+</sup>14]. **System** [CYRO18, AHH17, BU17, CM16, FF14, Gun18, LLV<sup>+</sup>14, LTJB18, PS14, RBC<sup>+</sup>15, SRK13, SZS14, WWB18]. **systematic** [NJ13, SA12]. **systems** [AAG<sup>+</sup>19, BCO13, EXH16, HC17, JG16, Kiz18, KBL<sup>+</sup>15, Nom14, WZS17, WSLX17, YQ19, ZLQ<sup>+</sup>17, Sha19g].

**table** [Alt19]. **tables** [BS14, KKM16, NBB15, NKZ19]. **tagging** [YPAC11]. **Taguchi** [HL15]. **Tail** [GRPP10, Bak18, GP15a, Gha19, MARS19, MAEP14, Stå16]. **tailed** [CG15, CCZJ17, DYA19, SL17, TdC18]. **tails** [LPSR16]. **Taylor** [Chr15]. **TCP** [LPY18]. **technique** [Bør15, dCFOM12]. **techniques** [GZL18, HRR<sup>+</sup>17, JY14, MHA10, OMY12, ST13, SLSW15, SF12, SKTC11, VC15]. **telephone** [LPS13]. **tempered** [Zha11]. **template** [WH17]. **template-based** [WH17]. **Temporal** [DDD17, ACG<sup>+</sup>16, BKJ16, DRC<sup>+</sup>16, DBL10, Kus11, MS19, VBL17]. **temporary** [TC10]. **term** [Bor17, COBH11, DLZ19, Kuk19, SGB13]. **terms** [ÇŞ18a, MMP15, DMV17, YPL13]. **tessellations** [NHGS14]. **Test** [BRY17, AE11, Ali12, Ali14, AK16, AP17, ABA16, AH18b, BTR16, BPH12, BT16a, BSS15, CF10, CL16, CWZ18, CB13, CLYX18, DD15, DVA15, DS14, DS15, DYT10, DT13, DGK12, DYX15, DLS18, DW18, ES11, Fre12, GFS15,

Gau10, GEC19, Han10, Hir11, HMP17, HW17, HKKL17, IAGEK11, Ism14, JL16, KE10, KM17, KL18a, KEW13, Kus11, LL18a, LK17, LPK18, Lee19, LN13, Li11, LL16, LLY19, LCB13, LCB14, LXL11, LZ10, LLB12, MK12, MP15, MY13, Mog11, MSK14, NO10, NBB15, NKZ19, Njdc14, NdcOP15, NNB14, OWKC15, PHCS11, PP15, PPK16, PP19, QYX17, RNA17, SJN15, SNG12, SY17a, SK13, SHP12, SZS16, SDWL17, SLLZ18, TQP10, WPXL14, Wan15, WRN18, WPC15, WH19, XZD15, Xu17a, YXZ19, ZA11, ZST15].

**test-based** [SLLZ18]. **Testing** [Adk12, CNS12, CNP19, Gha19, KAWA12, KL17c, LW14, Li15a, LLM16, Mar14a, Mei11, Mug16, NA11c, NA11d, PB13b, PZ10, PA15, PGT11, PBM16, RG10, RL15, SU18, WLSZ18, Wel16, Xu17b, YK15, Yam19, ZA12a, Zam15, Zar19, ZNW19, Ali12, ASS11, AL18, BG11a, BMPZ14, BV15b, ÇS18a, CNQ14, CNL17, DD15, DS14, ER19, EFGMD13, GEV18, GHMR19, GV18, Ho16, HAB12, Hwa11, KKM16, KR16, LDB10, DDJ16, Li15b, LXZ11, LYLM17, LVB18, LZ10, MA10, MS17, MFP17, MAEP14, Mur15, Nou10, NJ18, RR13a, SB12a, dSSCR19, Say12, Sha15a, SK13, SK17, TD13, TCM11, TPW17, WC14, Xie14]. **Tests** [AvR15, AB14, BET16, CCP12, FH16, LP17, NP16, SC12, TS16, AF17, AE17, AS15a, AOH16, AS15b, AS15c, AD10b, Ano14c, AP12, AB18, AJA11a, AJA11b, AKJ16, BG11a, BMPZ14, BMP12, BD12, CRV15, Che14, Chi10, CGSTG18, CL10, DTRB11, DDDD10, DY16, DGK12, DC19, DC15, DC16, FS15b, GBCS16, HT12, IPK10, Ism10, IA10, JGPF17, JZZH18, JV14, Kel16, KK12, Lee11, LLS13, LL15a, LS11, LM16, LBN<sup>+</sup>19, LHLB19, Llo10, LR18a, LL13, Mar11, Med16, ME15, MFP14, MY13, MGR15, NB18, Njdc14, NA11b, NA11a, NA13, Nou17a, Nou17b, Nou19, PB13a, PS19a, PS19b, PP15, PV19, RRV13, RNSR19, RDC10, SEGMA19, SM11, She15a, SW18, SK17, SC19, SO10, Ten19, TMG18, TGL12b, VK14, WZ13, WM12, WD16, Xie14, XMC<sup>+</sup>14, Yan10]. **tests** [YS11, YS18, Yoo13, ZHH19, ZCL19, ZS16a, ZX14, ZS16b, Zör15]. **th** [Yoo13]. **th-moment** [Yoo13]. **their** [Bru15, GZB13, Kib12, LL17, Lüt15, YZX18]. **them** [MGR15]. **theoretical** [SLM16]. **theory** [AvR15, CCK13, COP14, COS14, GZT14, JG16, POCdP13, Sha10h, TA11]. **there** [Wil15]. **Thompson** [PP10, YS19]. **three** [ATF19, BB12, BS16, Car19, CB19, GMG13, KPM16, KR15b, MWL14, MS18b, NB13a, NB13b, NB14, NB15a, NB16, NLHD12, NAA18, sS19, Tza11, Xie14, vGK17]. **three-decision** [GMG13]. **three-dimensional** [MWL14]. **three-group** [BS16]. **three-level** [ATF19, KPM16]. **three-mode** [vGK17]. **three-parameter** [BB12, KR15b, NB13a, NB13b, NB14, NB15a, NB16, NLHD12]. **three-period** [CB19]. **three-stage** [NAA18]. **Threshold** [JKP19, YWL18, FW13, LLS13, RBC<sup>+</sup>15]. **Thresholding** [YWZ18]. **Thresholding-based** [YWZ18]. **throughput** [SH19]. **thumb** [MAEP14]. **tightness** [LLP<sup>+</sup>14]. **Time** [JY14, Sha15i, TZA10, YAEU13, ZMKAV19, Ahm16, ABP16, ABGM18, AB18, AKJ16, AH18b, BPH12, BS19, CHTZ14, CCP12, CB11a, CL16, CC11b, CWM17, CF15, Dog15, DP13, FNRCM17,

FPP18, Her11, HZ14, HNPB18, Jin15, JCW19, Kan17, KA13, KL18a, KF16, KBM19, LP17, LZGW14, LdNdSF18, LH14, LPY18, LSF<sup>+</sup>17, MN19, MC16, MBL15, MV14, MTS14, Moi17a, NSMFR15, PV17a, Par12, PMM18, PSY18, RWCD17, RRV13, RTM18, RCL15, Sha19a, Sha10k, SM18, SK18, SRK13, SB12b, SR16, SC12, SKJ17, SO10, TD13, TS14, TKK19, WGC14, Wei11, WJ19, YK15, YCD15, YYG16, YWL18, YD16, ZNW19, dSdS17, Sha15i].

**time-between-events** [CC11b]. **time-dependent** [DP13, KA13, SRK13, YD16]. **time-domain** [RRV13]. **time-scale** [WGC14]. **Time-series** [YAEU13, TS14]. **time-to-event** [HNPB18, MBL15, PV17a, RCL15, YYG16]. **time-to-failure** [SK18]. **Time-varying** [JY14, CWM17, FNRCM17, FPP18, LdNdSF18, LSF<sup>+</sup>17]. **times** [ARY16, AAGV12, DAB11, GP15b, KAR13, KN15, KN16, Lee17, NK15, She10, sS16, sS19]. **tips** [VNM14]. **tissue** [SYL<sup>+</sup>14]. **Tobit** [AY15, ZL15]. **Toh** [Sha19f]. **tolerance** [KL12, KP15, PO14, QKY16, You14]. **tool** [LYL17]. **tools** [ASM<sup>+</sup>11, BSS17, VRC13]. **topology** [KBL<sup>+</sup>15]. **Topp** [Akg19, BCY<sup>+</sup>17, Gen13, Sha18c]. **total** [NAA18]. **track** [LX14]. **trade** [FFP16]. **tradeoff** [RB18]. **tradeoffs** [NB15b]. **trained** [FF14]. **trajectory** [Alw17]. **transfer** [Par11]. **transform** [DGLV17, OvP10]. **transformation** [CWM17, She14a, She15b]. **transformations** [GEC19, MP16, WGC14]. **transformed** [DS14, NA11d]. **transition** [HEB13, dLHT17]. **transitions** [MMP12]. **translation** [CC12]. **translation-invariant** [CC12]. **transmission** [KBL<sup>+</sup>15]. **transmuted** [GLB17]. **transparent** [SHLT17]. **Treatment** [SJ10, CB19, DM12, LR18a, NA13, TKJ13, TK16]. **treatments** [BD17, GMG13, HM17, MMP15, Sha19b, TKJ13, TK16]. **tree** [CJ13, Cha14, LLQ<sup>+</sup>16, MES19, TK18, YPAC11]. **tree-based** [CJ13]. **trees** [AP12, PRNG18]. **trend** [BT16a, FPP18, JK17, ZNW19]. **trends** [BD12]. **trial** [BD17, LN13]. **trials** [Bak18, BS16, JMM<sup>+</sup>17, Llo10, Sha14e, YYW15]. **triangular** [KC14]. **tricks** [VNM14]. **trigonometric** [FDGD16]. **trimmed** [AR16a, CC12, RBK16, RA17, XWMA18]. **trivariate** [HL13]. **tropospheric** [PAFPM12]. **true** [Hwa11, QYX17]. **truncated** [AJA11b, AKJ16, ABA16, CTX18, CHT16, GB17a, GBCS16, sS11, She12, She14a, She14b, She14c, She15a]. **Truncation** [DDJ16, AOR13, NFFM12, She10, sS16, sS19]. **truncation-based** [AOR13]. **trust** [LYL17, PSS15]. **trusted** [PSS15]. **Tsallis** [Zar19]. **Tuck** [Sha19f]. **Tukey** [BT16b, RNH19]. **Tuning** [FWF16, AS15b, HM18b, Kum15, PSK14, PK16a, Par17, Ten19]. **Tuning-parameter** [FWF16]. **Turkish** [TKK19]. **tutorial** [TD14]. **Tweedie** [BK17b]. **Twenty20** [PDS16]. **twisting** [GZL18]. **Two** [ARQ19, ASS11, CC16b, CWZ18, QYX17, SBS14, Sha11e, TKG18, WSC18, AF17, ADA18, AHAA10, ASH16, AJA11b, AD12, Bak14, BD17, BRY17, BCO13, BV15b, CCMGA14, ÇK19, CR18, CB19, CHQ17, Che19, Chi10, CNP19, DAB11, DB11, EKE<sup>+</sup>18, FKS10, FMV<sup>+</sup>19, GSW17, GHRAM13, GOC18, GGM18, HA13, HY14, HNPB18, JP17, JKM16, Jin15, JCW19, Jou15b, KKM16, KL13a, Kuk18, KTJ18, Lee11, LBN<sup>+</sup>19, LLBL14, LL13,

LLB12, Mar11, MMP15, MS15, Mur12, Mur15, NBB15, ÖK17, ÖK18, PO14, PA15, Per10, PP15, PP19, PPGT19, PL16b, PK11, PB15, Rak16a, RNSR19, SBAA14, Sha15a, SKX<sup>+</sup>18, SBK13, Sta10, SZ16, SAM13b, SAM13a, SR11, TdSC19, TS16, TD13, TMG18, WH14, WZS17, WM12, WEHCC14, WY11, WWCL11, WC14, WL14, WPC15, Zha15]. **two-arm** [SKX<sup>+</sup>18]. **two-component** [WZS17]. **two-dimensional** [LLBL14]. **two-factor** [MS15]. **two-level** [Sta10]. **two-parameter** [ADA18, ASH16, Bak14, CCMGA14, ÇK19, DAB11, DB11, GSW17, HY14, PK11, WY11, WWCL11, WC14]. **two-parameter-weighted** [ÖK18]. **two-phase** [EKE<sup>+</sup>18]. **Two-sample** [CWZ18, SBS14, WSC18, AF17, AHAA10, Che19, Lee11, Mur12, Mur15, PP15, PP19, PL16b]. **two-sex** [GGM18]. **two-sided** [PO14, Rak16a, WL14, WPC15]. **Two-stage** [CC16b, TKG18, AJA11b, BV15b, CHQ17, FMV<sup>+</sup>19, HNPB18, Kuk18, TdSC19]. **Two-step** [ARQ19]. **two-treatment** [CB19]. **two-way** [KKM16, NBB15, Zha15]. **Type** [ARY16, Ano14c, PS16, SAM13b, AHA15, AHH17, AP19, ARY15, AG19, AMAMS12, AD10a, AB16b, ABRJ13a, ABRJ13b, BMPZ14, BAS17, Car19, CM17, CPK19, DSE16, DNMT18, DC16, ER19, GWX14, HMP17, HW17, Ili15, Kib12, KP18, LHLB19, MM13b, MSS14, Mar11, MTS14, MKSN18, NK15, PB17, PK16a, RT14, SBAA14, SWZ15, SAK14, TS17, TN16, TP15b, WD16, WW12, WC14, XYZ19, YS19, AHAH14, AJM11, AYR16, AR16b, ABRJ13a, ABRJ13b, AL18, BDKM11, BS13, BZ16a, BB12, BBA15, BMP12, ÇŞ18a, CYL17, CAM16, CBG16, DBC12, DYT10, DT13, DC19, EDASM17, FM15b, GAB14, GP15b, Ism10, IA10, IAGEK11, Ism14, KR18, KM12, KK13, LCB13, LCB14, LXL11, MY13, Moi17b, NTZ19, NB15a, NB16, NLHD12, Nou17b, PB13a, PB13b, SL17, SKK12, SBS14, Sha16, SBK13]. **Type** [SK16, SEAEM13, SZ16, TCLY14, TRC<sup>+</sup>18, Wu10, WY11, WLL12, YCXN14]. **Type-2** [SAM13b]. **type-I** [BAS17, Ili15, LHLB19, MSS14, TP15b, AYR16, BMP12, Ism10, IAGEK11, Ism14, LCB13, LCB14, LXL11, PB13b, SZ16]. **Type-I-censored** [TCLY14]. **Type-II** [Ano14c, ARY16, AHA15, AHH17, ARY15, AG19, AB16b, CM17, CPK19, DNMT18, ER19, GWX14, HW17, KP18, SBAA14, SAK14, TN16, XYZ19, AHAH14, AR16b, BS13, BZ16a, BB12, BBA15, CYL17, CBG16, DBC12, DC19, EDASM17, GAB14, GP15b, IA10, KR18, KM12, NTZ19, NB15a, NB16, NLHD12, PB13a, SKK12, SBS14, Sha16, SBK13, SK16, YCXN14]. **types** [AD16a, GZL18, YS11]. **Typical** [NSMFR15, GZL18].

**Uhlenbeck** [HKST17, Zha11]. **ultra** [Che18, LC18]. **ultra-high** [Che18]. **ultra-high-dimensional** [LC18]. **ultrahigh** [MCZ17, PZZ19, YHWS18]. **ultrahigh-dimensional** [MCZ17, YHWS18]. **unadjusted** [TK14].

**Unbalanced** [VHV<sup>+</sup>16, BEBG14, CKP16, KLKK19, VFLR10, XMC<sup>+</sup>14, YML14, Zha15]. **unbiased** [BDKM11, CTX18, CC11b, GWX14, HP11, Wu16a]. **Uncertainty** [ABM17, Sha15j, PC10, WJ17]. **unconditional** [LR18a, LLB12, Sha15a, SKX<sup>+</sup>18]. **under-** [KC16]. **under-dispersed**

[SMM19]. **underdispersed** [OJRACL18]. **underground** [ASM17].  
**understand** [Sha15e]. **undirected** [OCT18]. **unequal**  
[BK16, CCP12, PA15, RRB10, RBHSL11, Zha15]. **unidirectional** [SXTJ17].  
**unified** [PS16]. **uniform** [Tak17, AKA<sup>+</sup>16]. **Uniform-Geometric**  
[AKA<sup>+</sup>16]. **uniformity** [Zam15]. **unimodal** [BBW17, SEGMA19]. **unique**  
[Sha10j, Sha10k, Sha10l]. **uniqueness** [NB16]. **Unit**  
[GHJC10, SE11, CL16, MK12, MS19, PS14, ZS16b]. **unit-level** [MS19].  
**units** [ARY16]. **univariate** [Bot11, CF10, RDC10]. **Universal**  
[BP15, Tso15, Tso16]. **unknown** [AE11, AWJ<sup>+</sup>13, Cha16, Fre12, HCT19,  
JP17, JK19, MQR18, MAEP14, NB13b, NB14, RRDU13]. **unobserved**  
[Bør15]. **unreliable** [LH14]. **unreliable-node** [LH14]. **unreplicated**  
[KKM16]. **unrestricted** [Özk12, ZMKAV19]. **unstable** [Alw17, Juh16].  
**Unsupervised** [Cha16, LAGM11]. **update** [CGSTG18]. **Updated** [RR13b].  
**updating** [SC16]. **upper** [JR16, KL17c, RASR16, WEHCC14]. **Use**  
[Kha12, DM16, Ho12, RCL15, Sha19f, TCM11, TGL12a]. **useful** [SB12a].  
**Using**  
[BAT11, CP14, GYV<sup>+</sup>13, KSLN<sup>+</sup>18, LAGM11, TKJ13, Wu11, AHM13,  
AvR15, AMAMS12, AOR13, AOH16, AY15, AKJ16, AAJ16, ASA<sup>+</sup>17, AHJ16,  
Aus18, BCY16, BKJ16, BCLM17, BS19, CCZJ17, CDG<sup>+</sup>15, CMCH12, CW16,  
CWZ18, Chr15, DS11, DRAR19, DTZZ12, DS14, DR17, DK17, DSVY14,  
EXH16, Erd13, FR15, FP15b, FHO15, Fuk11, FMK15, GZL18, GY16, GVV17,  
GdCCDS18, GG17, HK16a, HK18a, HEB13, HK16b, HN11, HSR15, Hir11,  
HP11, HWWZ16, HS13, IJL18, IS13, JK14, JY14, JGPF17, KAK16, KKM16,  
KK14, KTJ18, Kus11, LAuaS<sup>+</sup>15, LW14, LW17, LZ11, MMR16, MK12,  
MP15, MBL15, McL14, MSS18, MPB19, MMP12, MKSN18, MADASAM11,  
NLK11, NA11a, NA11d, Pam19, PF16a, QPQ18, QKUH18, Rak16a, RdSF16,  
RM19, RMS14, SS12a, SRP11, San12, SB15, SD15, SRAO11, SK18, SSK13].  
**using** [STS14, SEAEM13, Stå16, SWLZ15, Su16, TPM17, TKÖ19, TS14,  
TNM17, VS15, WCC13, WTJW17, WWW17, Wil15, XZY13, XWMA18,  
YR15, Yu11, YZWM19, YTNT14, Zar19, ZP14, ZCW<sup>+</sup>17, ZAK13, dB15].  
**uterine** [Bor17]. **utility** [GZL18]. **utility-based** [GZL18]. **utilizing**  
[MFD16].

#### **Vacuolating** [TNM17]. **Validation**

[ME15, AÖ16, Bai16, HN13, JYML13, VAW15]. **Value**  
[LL11, THR18, AB16b, AA16, DYX15, DDD17, FP14, Gha19, LCZ18,  
LXZ11, MP15, OO12, OSN17, PV17b, PPK16, PF16b, YCXN14, Moi17b].  
**Value-at-Risk** [THR18, LL11]. **valued** [APF18, HKL17, KL17b, KBM19,  
Lee19, dALNCdATdC11, SWLZ15, WWW17]. **values**  
[AMB12, CH19, CC16a, CH14, DK17, DAB11, DI11, HKK<sup>+</sup>16, Kel16, KN15,  
KN16, Kiz17, LS14, LLWY15, MMP12, NK15, PRNG18, RG10, RR13b,  
RASR16, SAB15, SLV18, SKX<sup>+</sup>18, Sha10e]. **VaR** [FGHRM12]. **variability**  
[MH17, SLLZ18]. **Variable**  
[AYJ11, DK10, PZZ19, TX14, WDCK15, WZX13, YR15, ZFZQ18, ZF11,

AAJ16, Bag11, BCT16, DS18, CCF19, CTC17, CNS12, DW19a, DP15, DTZZ12, EZ12, FWZ<sup>+</sup>15, GA15, GG17, Haq19b, HH15b, KAK16, KSLN<sup>+</sup>18, LAuaS<sup>+</sup>15, LC19, LYQ<sup>+</sup>15, Lia14, LHB11, LHB13, LWW18, NKB19, PS18, SFS15, SU11, VNM14, WL15a, WL17, XX15, YLG15, YCA15, ZX12].

**variable-interval** [DTZZ12]. **variables** [Adk12, AHC15, ARQ19, AD16a, AWJ<sup>+</sup>13, AHJ16, BU17, BP15, CGP15, CLS<sup>+</sup>19, Dia10, Fan19, FBV18, GSL<sup>+</sup>14, GG11, GBCS16, HOC<sup>+</sup>19, HSC16, KTJ18, LC18, MHA10, McL14, MSS18, DMV17, Nad10, NX18a, dALNCdATdC11, PQ14, RG10, RIY18, SD15, SG18, Sun11, TZSP19, TX14, TK16, WW19, WCW15, YYW15].

**Variance** [SGG18, WCK11, WWB18, ZP14, Are12, AWJ<sup>+</sup>13, AL18, AA16, BEBG14, Bur14, CTX18, CGSTG18, FKM13, JZZH18, KLKK19, LP17, LZ10, Lu14, MSK14, MКСN18, NB15b, OWKC15, PP10, PJR15, QRH19, RdSF16, SA12, SR11, SGB13, TD13, VGTGCFC17, WL16, YA16a].

**Variance-based** [WWB18]. **variances** [DVA15, GGSS19, IPK10, KLK17, KLKK19, RRB10, RBHSL11, SK13, SHST13, TdC18, Zha15]. **variants** [BL19]. **variate** [Tsa11]. **variates** [AD12, Ber12, Chi10]. **variation** [CS13, Hay15, LXZ11, LM18b, MFR<sup>+</sup>18, NTC<sup>+</sup>19, RA14, SW18, WL16].

**variational** [GDR12]. **variations** [DRAR19]. **various** [ASM<sup>+</sup>11, Moi17a, Sta10, Tu19, YP10, YS11]. **varying** [EB19, BKJ16, CWM17, FNRCM17, FPP18, Gou11, HLN<sup>+</sup>15, JY14, LYZ11, LM18a, LdNdSF18, LSF<sup>+</sup>17, LZMZ18, MCZ17, MMK14, PB15, QMZ16, SCW16, WL15a, XZD15, YLG15]. **varying-coefficient** [HLN<sup>+</sup>15, LYZ11, MMK14, YLG15]. **vector** [ATF19, AR16b, CTTS19, CKPS11, Erd13, Jou15a, Kha12, KOM19, LJL15, MB16, PV17a, Rai12, WN11c]. **vectors** [Ahm19, HBC11, LL16, RR13a, TS16]. **version** [CLAH17, KR15a, KS17c, NHGS14, RR13b]. **versus** [FH15, GC17b, PWW15, SBD10]. **very** [PB12, SH10]. **via** [ASM<sup>+</sup>11, AWH19, AP12, AGM15, BMM15, BSS17, BBW17, BZ16b, CQJ12, CL13, CK14, CPP<sup>+</sup>19, Coi13, DW19a, DKY17, DDD17, FWZ<sup>+</sup>15, GI17, HZSA19, Jin15, KÖ19, LWW18, MMK14, MM15, MSA12, PSK14, PK16a, SPS19, SDWL17, UG10, VK14, WZ13, Wil10, WEHCC14, Wu13, XLW10, YZ15, ZY15]. **view** [RS15]. **violation** [Aus18]. **violations** [AW14].

**violators** [DHP14]. **virus** [TNM17]. **Visual** [OO12]. **visualization** [SHLT17]. **visualizing** [SHLT17]. **volatilities** [THR17]. **volatility** [ATON18, BH18, FM19, FW13, JK17, Jer13, MS15, WCC13, Zie11]. **volume** [HR12]. **VP** [FHSC14]. **vs.** [HA10, NJ13, YPAC11]. **VSI** [NTG13, TPM17]. **VSIX** [ASBM19]. **vulnerability** [IGR13].

**Wald** [FHSC14, HMP17]. **Wald-type** [HMP17]. **Walsh** [MM15]. **warning** [HP11]. **Warp** [Ral17]. **warping** [SYL<sup>+</sup>14]. **Wasserstein** [AGA18]. **water** [YFT10]. **Wavelet** [JK17, SA15, WKJ<sup>+</sup>19, AI12, Bru15, DF14, LS11, RL15, SR16].

**Wavelet-based** [SA15, WKJ<sup>+</sup>19, DF14, RL15]. **wavelets** [GG11]. **way**



[BEBG14, ÇS18a, GGSS19, KKM16, KLKK19, LZ10, NBB15, PO14, RZ13a, YML14, Zha15]. **Weibull**  
 [Pak11, AP15, AVK15, BSdMC11, BBT13, CGdSO13, CNO13, COL14, COS14, DA14, DYT10, HP11, HW12, Ism14, JG10, KLK14, LLGP17, Muh16, NCO11, NMS18, NB16, NLHD12, OWLP16, Pak10, PK16b, RAJ16, SRG11, SDS16, SY15, SY17b, SK16, SAM13b, SAM13a, SAK14, TLRB14, TP13, UG10, UGMK13, VRC13, WXF11, WH14, WM12, ZS16a, dCOC16]. **Weibull-geometric** [BSdMC11, BBT13]. **Weighted**  
 [DAP15, Haq19b, Aci18, Ali15, AB18, BS19, CHB18, CC11a, CLS<sup>+</sup>19, FH15, GBdL16, GSW17, Haq14, HBMAO15, HH15a, HL15, HXT15, KS16, Lee11, LPJ14, LZZ<sup>+</sup>15, MMR16, MG17, Med16, NJdC14, NHA18, ÖK18, PB17, RNA17, RS14, Saz19, She14c, SZS16, SLLZ18, WL17, WLL12]. **weighting** [SCW16]. **weights** [ARQ19, VVW11]. **whether** [Sta10]. **Whitney** [AS15c]. **wide** [TMG18, XZY13]. **width** [LZ11]. **Wiener**  
 [LSF<sup>+</sup>17, PBSZ13, WGC14, WBG15]. **Wilcoxon**  
 [AS15c, DD15, MMR16, PP15]. **wild** [FMK15, HA10]. **Wilk** [GEC19]. **Wilks** [PPGT19]. **win** [Hay15]. **win-probabilities** [Hay15]. **WinBUGS** [CQJ12]. **wind** [MC16, PF16b]. **window** [RWCD17, ZST15]. **window-based** [RWCD17]. **window-limited** [ZST15]. **windowed** [LCZ18]. **wise** [Kim18]. **Within** [Wil15]. **Workbook** [Sha19j]. **worked** [Sha19d]. **workers** [FF14]. **working** [Sha13a]. **World** [Sha19f, Sha15c]. **wrapped** [ABP16, SRG11]. **wrapped-Gaussian** [ABP16]. **wrong** [RSD14]. **Wu** [Sha19i].

**X** [TZC<sup>+</sup>16]. **XII** [AJM11, ABJR13a, ABJR13b, BAS17, CYRO18, DA16, NK15, PS16, POCdP13, SSMF18, SEAEM13]. **xix** [Sha19f]. **xv** [Sha19i].

**yield** [WW19]. **Yule** [LRV17].

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