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Title word cross-reference

β [Hog18, YX13]. C_p [BKN17]. D [YXCD17, ZZ14, BL14]. K [MSR16]. L_1 [FL14]. p [BL14, CCC10, HRD18, LY16, MSBM11, Woo13a]. ϕ_p [WS14]. Q [LLS14]. R [WJL17]. t [FFM14]. U [Mao18, TQ10]. φ_p [JH11b]. Z [BCK15].

-estimation [BCK15]. **-function** [MSR16]. **-learning** [LLS14]. **-mixing** [Hog18]. **-model** [YX13]. **-optimal** [JH11b, WS14]. **-squared** [WJL17]. **-statistics** [Mao18]. **-trace** [YXCD17, ZZ14]. **-value** [BL14, CCC10, MSBM11]. **-values** [HRD18, LY16, Woo13a].

Aalen [MSZ11]. **aberration** [ZLK13]. **aberrations** [WWN15]. **absence** [EN18]. **absolute** [BCK15]. **abundance** [LLQ17]. **accelerated** [LLZ13]. **account** [DH15]. **Accounting** [MN19]. **accuracy** [CLZ12b, KGV17a, KGV17b]. **Accurate** [CR10b, FRS16, LSD17]. **Acknowledgements** [Ano13a, Ano14a, Ano15a]. **across** [BH18, KTC19].

active [DKB15, SDK+17]. **acyclic** [RCWJ19, SM10, VT12, YSPW19]. **Adaptive** [Ros15, STG13, YH18, AZ11, CDC13, HSS19, LL11a, LGF12, MHZ15, MJPK13, PM16, SYZ10, XLWP16]. **addition** [PML19]. **Additive** [MY10, BDW11, FL12, HQ13, LLZ16, MSZ11, MWY13, SR19, Van12, VMT14, VSW14, Woo13a, WS15, ZC10, ZW15]. **adjust** [QF14]. **Adjusted** [Yu13, CLLX13, GKBZ10, LF18a, NSF16]. **adjustment** [GCAIM12, KI14, LSWZ17, VMT14]. **against** [GvHF11, LL11b]. **aggregated** [EDO19]. **Aggregation** [FG11]. **Aggregation-cokriging** [FG11]. **AIC** [GK10]. **Akaike** [CC18, DOXV11, KHS11]. **Akaike-type** [KHS11]. **algebra** [SDW14]. **algorithm** [BKM10, Che15, DI13, FWT10, PDV11, RCWJ19]. **algorithms** [NSF16]. **aliasing** [EN18]. **all-or-none** [ELZ12]. **allocation** [AG10a, AMR12, CJ11]. **allows** [GT18]. **alternating** [DR17]. **alternative** [GvHF11, LY16]. **alternatives** [JN17]. **Amendments** [BKL18, DRS12, Pal10, Tan13a, Tit13a]. **amplifiers** [DVR17]. **analyses** [DPW15, Far10]. **Analysing** [ZW12]. **Analysis** [CSDF10, JDM12, AW10, BDPW16, BD14, CLMX19, Cha13b, CDHT18, CCC10, DZK+18, DD18, DM19, FFM14, FMD18, HWTH12, Kim11, KJW12, KS13b, KGV17a, KGV17b, KHG11, KP12, KTC19, KB15, LSWZ17, LL18, LZ10, LTF13, Lin17, LSR+19, MHS15, MZY12, NTWY17, RL11, Sch14, SED17, SAL+17, TL11, VMT14, VFJ19, XCL11, XZZL15, YXCD17, ZL15, ZM18, ZS16, ZIT11]. **Analytical** [BL14]. **analyzing** [WQC10]. **angle** [ZL14]. **angle-based** [ZL14]. **annual** [Ste17]. **antedependence** [CZ16]. **any** [Ros15, SCD15]. **applicable** [BMG14]. **application** [AGPS10, CLLX13, CLMX19, EDO19, HLM12, JMW19, LC18, PDS11, ZCC+12, ZW12]. **applications** [BD10, Hun12, Li18, TNWL16, XCC15, XLV16]. **approach** [AMW16, BHRG13, BLC+17, CZM16, CV18, DWG14, GS10, KM12, KR12, KN16, MY16, MZY12, OAB16, PPRS12, RLZ10, SZ15, TQ12, WWS12, XGX+16, YMC12, ZIT11]. **approaches** [DHW14, SNQ12]. **Approximate** [WKY18, CD10, FMRR18, LŁ14, LF18b, LF18a, Ogd17]. **Approximating** [DH16]. **approximation** [CE10, TQ10, XZW19, YMM12, ZQ13]. **approximations** [KPW13, LTZ19, PDS11, RF10, WW15]. **arbitrary** [GNRM19, PASJS+19]. **Area** [DRS05, DRS12, BDG13, CG11, GKK15, JHD13, PC12]. **area-level** [GKK15]. **arm** [MJW12, SK18]. **array** [HQ11a]. **array-based** [HQ11a]. **arrays** [HT13, MST14, ZT19]. **Assessing** [BH18, QYSW11, ELZ12]. **assessments** [HKM18]. **Assigning** [HW17]. **assignment** [LJ15]. **assisted** [BA18, BVR17, Fog18, KR12]. **associated** [HT13, WT14]. **association** [DLS15, HHG13, XCL11, YS18, ZW14]. **assumption** [CSK13, CDW19]. **assumptions** [CW10, ZW11]. **Asymptotic** [CC18, CKO18, FL14, FMRR18, Li18, YD18, CJ11, CL10, CC10, GvHF11, LF18b, MT14, Ogd17, WO11]. **asymptotics** [FMPP17, KS16]. **attempts** [QF14]. **attenuation** [OV13]. **Attributable** [CLZ10]. **augmentation** [PS13, RLD16]. **auto** [FP18]. **auto-distance** [FP18]. **autocovariance** [PG18]. **Automatic**

[Rob13, WSSQ17, WS15]. **autoregressions** [GWY16, Mon18]. **autoregressive** [BL10, Cai10, CD10, LGLY15, TFS19, ZLL18]. **auxiliary** [SR19, VMT14]. **average** [BCVG17, BL10, Fog18, HC17, OR12, TQ10, ZL12, dLWR11]. **averages** [STL17]. **averaging** [ASD19, PR17, ZZL14, ZCM18]. **axial** [AJ13].

bagging [SL14]. **balance** [KAK19]. **balanced** [ABMW14, BC12, CDH11]. **balancing** [AZ11, HFW14, WC18]. **band** [AGL14]. **banded** [AGL14, GWY16]. **banding** [LL11a]. **bands** [BB12, CJ11]. **bandwidth** [CV18]. **base** [CLNP17]. **based** [AG10b, CCC10, CV18, DPW15, DD18, FMPP17, FMPP18, GMMMV16, HQ11a, He17, He19, HHG13, HSG19, HV16, HAW10, JS12, KHL17, KGV17a, KGV17b, LZ15, LY16, LSPV19, LZG17, MY16, MSBM11, PS16, RLD16, RCZ17, RLZ10, Sev10, SZWZ19, VTH14, WYC15, WC10, WC18, XHQ11, YMM12, ZL14, ZPFW14]. **baseline** [MT12, TS14, YTY$^+$16]. **Basic** [DRS05, DRS12]. **basis** [MHZ15]. **Bayes** [CD13, DMY17, DKY12, DY10, DZ16, DD14, Dur19, Efr16, GKK15, GK19, KD16, PRS14, SW18]. **Bayesian** [AGPS10, BDK15, BDPW16, BD10, BD11, BD14, CZ19, Cra15, DD16, FFM14, FMRR18, HW17, KS16, KJW12, KB15, LŁ14, LF18b, LF18a, LD14, Lin17, LD15, LHW19, MS14, MLG18, MK15, PR17, PRD11, RCF18, SBS16, SSW15, STG13, SHM16, WD11, WKY18, WDH17, ZZR10, ZIT11]. **be** [Ros15]. **behaviour** [CL10, EDO19, GK10]. **Benchmarked** [GKK15]. **Benchmarking** [BDG13]. **benefit** [RV11]. **best** [BM14]. **beta** [KJW12, TMJ11]. **beta-Dirichlet** [KJW12]. **Better** [Xio14]. **between** [HRD18, SFJ10, WYX18, ZXLZ17]. **beyond** [FMD18, HW13, XZW19]. **Bias** [EO17, OV13, DVR17, JHD13, KF11, KP14b, Lun18, MR14, PSS17, PC12, Wad15]. **Bias-corrected** [EO17]. **biased** [AZ11, CCD12, Cha13b, Che11, HQ11b, HQF12, SNQ12]. **biased-sampling** [SNQ12]. **Bidirectional** [HLM12]. **Big** [Cox15]. **bigraphical** [NL13]. **binary** [AG10a, AMR12, CYW11, MZ13b, RL11, RLL13, SWZL17, SG10, TR11, WRR17a, WRR17b]. **Bingham** [KPW13]. **biological** [DPW15, MN19]. **Biometrika** [Ald13, Ano17, Tit13a, Tit13b]. **bivariate** [HNLR11, NCC$^+$15, Pre14, XM12, ZW12, ZW14]. **block** [MRV18, PR17, WW15]. **block-diagonal** [PR17]. **Blocked** [ZLK13]. **Blocking** [SLM17, WM11]. **blockmodels** [CWA12]. **body** [OR12]. **Bootstrap** [BB12, HM10, Hua14, NV19, PS16, PW11, Cam15, CH15, CHLM19, DL19a, DW11, FHH11, LW18b, LHW19, PC12, WVM18]. **Bootstrap-based** [PS16]. **Bootstrapping** [KXZ18, LBA19]. **boundary** [CL10, CNN$^+$17, CHN$^+$18, Sus13]. **Bounded** [Tan10, AL13]. **bounding** [LŁ14, SM13]. **bounds** [DV16, HSG19, KCG10, VT12]. **brain** [LC18]. **break** [Hog18]. **breaking** [FLP12]. **Bregman** [ZJC10]. **Bridging** [FK13]. **Brown** [HD13]. **Brown-Resnick** [HD13]. **Brownian** [BDK15]. **Brunk** [WS10]. **building** [LLS14].

calculation [BL14]. **Calibrated** [KKP16]. **Calibrating** [CTU+10, SM19]. **calibration** [Pal09, Pal10, Tan13a, Tan13b]. **cancer** [ZCC+12, ZW12]. **cannot** [Ros15]. **capture** [Far11, JLMV19, LLQ17, SS12]. **capture-recapture** [LLQ17, SS12]. **care** [WZ10]. **Carlo** [DPDK15, HJ19, LŁ14, LFR19, VFJ19]. **Case** [ZZC17, BM14, BD14, Cha13b, Hua14, KCL13, KCG10, LSW10, NCZ16, QZL+15, Sta10, SAL+17, XW11]. **Case-cohort** [ZZC17, Hua14, KCL13, NCZ16]. **case-control** [BD14, Cha13b, KCG10, LSW10, QZL+15, Sta10, SAL+17, XW11]. **categorical** [PTG15, Van10a]. **category** [LCFL13]. **Causal** [YWD19, BKN17, BFT19, CDW19, KSS15, KCG10, KP14b, LZG17, Mao18, MGT18, RLSR12, SBS16, WZR17, YD18, YS18]. **cause** [Van10a]. **cautionary** [NT15]. **Cavalieri** [ZJDP11]. **Censored** [QP10, SLMJ14, CCD12, CLZ10, CT10, HQ11b, HQ13, LC13, LZ13, SZWZ19, WLT+15, ZML16, ZGL17, ZZL+15, ZZC17]. **censoring** [BB12, CH19a, DZK+18, LC10, SSZ12, CH19b, Mar19b, TL19]. **central** [YX13]. **chain** [DPDK15, GT13, LŁ14, VFJ19]. **chains** [DH16, SM13]. **change** [WK18]. **change-plane** [WK18]. **Changepoint** [CW15, MY16]. **changepoints** [ZSJL10]. **characteristic** [DZ13]. **characteristics** [MR18]. **Characterization** [JLC14, WC14]. **charts** [GL13]. **chi** [XZW19]. **chi-squared** [XZW19]. **choice** [LFR19, SCD15, ZZL14]. **Cholesky** [RLZ10, ZL12]. **Cholesky-based** [RLZ10]. **Choosing** [HM12, HRD18]. **circle** [KJ15]. **Circular** [ABMW14]. **Clarifying** [MR15, MR16a]. **class** [CPB17, GTXR14, JH11a, WS10, Zha11]. **classes** [CWA12]. **Classification** [KS19, Lei14, YMM12, CSDF10, DHB12, DZ16, MZ13b, SWZL17, SL14, ZJC10, ZL14]. **classifiers** [DMY17, HX10, HXX13, HV16, KS19]. **classifying** [HM12]. **Clayton** [Pre16]. **Clayton-Oakes** [Pre16]. **clear** [LT11]. **clinical** [AG10a, AZ11, ELZ12, MJW12, Oak16, SK18]. **clique** [GT18]. **closed** [LLQ17, MJPK13]. **closure** [KES11]. **cluster** [ET12, KKP16, LKS19, MSR16, NM11]. **clustered** [LLZ13, SD11, SG10]. **clustering** [BVR17, Cra15, DHB12, SHP12]. **clusters** [Wan10b]. **coarsened** [OV13]. **coefficient** [CT10, Jia14, KKG11, LSWZ17, ZW15]. **coefficients** [CLZ12a, KG13, SSZ12, ZJBH14]. **cohort** [CAW12, CSDF10, Hua14, KSS15, KCL13, KCG10, NCZ16, ZZC17]. **coin** [AZ11]. **cokriging** [FG11]. **collective** [AG10a]. **colorectal** [ZCC+12]. **Column** [ZT19]. **Column-orthogonal** [ZT19]. **combination** [SL14]. **combined** [DWG14, FL14]. **Combining** [KR12, LL16, HRD18]. **Comment** [MR16a]. **common** [JCL13, Kon17]. **community** [CLMX19]. **comparing** [CO14]. **comparison** [LCOT13]. **comparisons** [KC16, McE16]. **Compatible** [For12, MJPK13]. **compete** [LJ15]. **competing** [LF13, MH11, SSZJ10]. **complete** [HWF15]. **complex** [CK12, DBP17, KY17, LS13, OAB16, SAL+17]. **compliance** [ELZ12]. **component** [HWTH12, LZW14, NTWY17]. **components** [JLA18, Sch14, Woo13a]. **Componentwise** [DHB12, DZK+18, Wad15]. **Composite** [DZ13, HD13, CHN+18, DZK+18, Lun16, SM13]. **compositional**

[CLL18, LSFL14]. **Compound** [AG10a, Wan10a]. **compressed** [XZ11]. **computation** [FMRR18, LŁ14, LF18b, LF18a, MHZ15]. **computational** [FWT10]. **computationally** [SIL$^+$16]. **computer** [GSDK14, HT13, JGB15]. **concave** [FL14]. **condition** [MZ13a]. **Conditional** [DÉMR13, DOXV11, HP17, WY15, CHN$^+$18, CZM16, DKY12, DY10, Far11, GK10, HW14, HC17, KD16, Mon18, RBN10, SHM16, SD19, Tan11, TWB18, WZ10, ZLL18]. **conditionality** [Azr19]. **conditionally** [SR17, SK18]. **conditions** [DV14, KR14]. **confidence** [AR10, BMS13, BB12, CJ11, HM10, HZ11, Har12, HSG19, Lei14, MJPK13, YH18, Zha11]. **conformalization** [Lei19]. **confounder** [MGT18]. **confounders** [OV13, TR11, YWD19]. **confounding** [DV16, DVR17]. **conic** [BCW11]. **conjectured** [Pal09, Pal10]. **Conjugate** [Dur19]. **connecting** [Cha13b]. **connection** [WYX18]. **connectivity** [LC18]. **Conservative** [Har12]. **consistency** [ADL$^+$13, BOW13, DL19a]. **Consistent** [WWN15, Wan10b, AMR18, HHG13, Pre14]. **constant** [KPW13, YH18]. **Constrained** [YSPW19, MWZ18]. **constraints** [CHN$^+$18, Far11, KHS11, Sus13]. **Constructing** [ES18]. **Construction** [GSDK14, JH11b, XX17, BS11]. **contact** [QF14]. **contamination** [KF15]. **Contents** [Ano13b, Ano14b, Ano15b]. **continual** [JLC14]. **Continuous** [PRBR18, BKL15, BKL18, FMPP18, MH11]. **Continuously** [MWY13]. **continuum** [CC10]. **Contours** [CPB17]. **contrast** [JH11b]. **control** [BD14, Cha13b, DKB15, GL13, GvHF11, GMKS19, GT18, HZSR15, KCG10, LSW10, QZL$^+$15, RCWJ19, Sta10, SAL$^+$17, XCL18, XW11]. **controlled** [CQ14, SDK$^+$17, Van10b]. **Controlling** [JHD13]. **controls** [CCC13]. **Convergence** [DI13, LZW14, LF18a, Che15]. **convex** [HSS19, TWZ$^+$18]. **Copula** [LC10]. **copy** [EZ11]. **Cornfield** [DV14]. **corpuscle** [CQ16]. **Corrected** [WSZ12, EO17]. **Corrected-loss** [WSZ12]. **Correction** [KGV17a, LW20, Mon18, PC12]. **Corrections** [BKL18, DRS12, Pal10, Tan13a, Tit13a]. **correlated** [BA18, CYW11, DCGO18, GB12]. **correlation** [CPB17, DCGO18, FP18, KG13, LLZ16, SL11, SZAS16, TP17, ZJBH14, ZXLZ17]. **correlations** [CYZ17, CQ14, LSPV19]. **cost** [FWT10, WZ10]. **count** [CD13, DD16]. **counterexamples** [KR14]. **Counting** [SZWZ19]. **coupled** [MR15, MR16a]. **couplings** [HJ19]. **Covariance** [DPW15, XZZL15, AG10b, AMBFL18, Bat19, BT11, CZM16, DP19, GD13, KMM11, LFH17, LL11a, Li11, MT14, MLG18, NT15, PS16, PM19, PADS14, RV16, RLZ10, Rot12, XM12, ZL12, ZLS19]. **Covariance-based** [DPW15]. **Covariance-enhanced** [XZZL15]. **covariances** [PM16, WDM18]. **Covariate** [BVR17, CLLX13, YS18, dLWR11, AZ11, KN16, KTC19, NM11, QZL$^+$15, SYZ10, WSZ12, WC18, YMC12]. **covariate-adaptive** [AZ11, SYZ10]. **Covariate-adjusted** [CLLX13]. **Covariate-assisted** [BVR17]. **covariate-specific** [QZL$^+$15]. **covariates** [Atk15, BLC$^+$17, CLZ12b, CM10, DLS15, LSFL14, MLS13, MN19, Rat13, TWB18, TS14, TSMW15, VMT14, ZIC15]. **coverage** [YH18]. **Cox** [CLZ12a, HQF12, SIL$^+$16, WK18, ZIC15]. **credible** [SM19]. **criteria**

[HWF15, Jan14]. **criterion** [BKN17, CC18, KHS11, MZ15, XQ15]. **criticism** [BL14]. **Cross** [AG10b, CYZ17, HNLR11, KM12, KG13, MR14]. **cross-correlation** [KG13]. **cross-correlations** [CYZ17]. **Cross-covariance** [AG10b]. **cross-sectional** [MR14]. **crossvalidating** [ZQ13]. **crossvalidation** [Wan10b]. **cumulative** [GL13, RSR18]. **cure** [BLC+17, MV19]. **current** [LF13, MHS15, MH11, PJ16]. **curve** [BRW10, DZ13]. **curves** [KDL10, XQ15]. **cyclic** [YMM12]. **cylindrical** [MSR16].

Data
[GC17, KO11, PS13, RLD16, AM10, BMG14, CLL18, CJ11, CAW12, CC15, CCD12, Cha13b, CZ16, CDHT18, CSDF10, CT10, CYW11, CZI+13, CHLM19, CM16, Cox15, DMY17, DD16, DHB12, DHW14, DH15, DH16, DBP17, DD14, EDO19, Far10, FHD17, FHV10, FW15, Fle12, FG11, HM12, HW13, HP17, HFQ10, HQ11b, HLM12, HQ13, Jia14, Kim11, KJW12, KR12, Kon17, KP12, LZW14, Li11, LF13, Li18, LZ10, LCFL13, LLZ13, LZ13, LLQ17, LT15, LC18, MHS15, MH11, MN19, Mei10, OAB16, OV17, PS16, PM16, PJ16, Pre16, PW11, RCZ17, RZWY15, RLSR12, RLL13, SR17, SR19, SSZJ10, SW16, SNQ12, SKMdG16, SRH14, SLMJ14, Sus13, SG10, Tan11, TL11, TQ12, VLQCB19, VTM12, WQC10, WLT+15, WY15, XW11, XM12, XGX+16, YLW15, Yu13, ZML16, ZGL17, ZL12, ZW15, ZZL+15, ZM18, ZJBH14]. **data** [ZLS19, ZK12, ZS16, ZZC17, ZW12, ZW14]. **data-dependent** [Sus13]. **Data-driven** [KO11]. **datasets** [BDT13]. **Davis** [YWS15]. **death** [WZR17]. **debiased** [SOG+19]. **decisions** [ZTLD13]. **declustering** [Rob13]. **decomposable** [GT13, GT18]. **decomposition** [EO17]. **Decompositions** [CT19]. **deconvolution** [Efr16]. **Default** [BDPW16]. **definite** [Rot12]. **definitions** [MR15, MR16a]. **degrees** [JFH15, KR14, MN19, MCWZ15, MCWZ18, Sus13]. **dense** [KZ13]. **densities** [HMMMN16, PM19, ZH14]. **Density** [YLQ17, BD10, BM14, DMY17, GK19, Gui19, KD14, SNQ12, STG13, WD11, ZZR10, ZHC19]. **Dependence** [WT12, CT19, GMD15, Hog18, LSPV19, MR14, NCC+15, SFJ10, WJL17, WDM18]. **dependencies** [SFG16]. **Dependent** [JKL17, DLS15, HNLR11, JH11a, MHS15, SKMdG16, SSZ12, Sus13, XLV16]. **depth** [PB19]. **Design** [FMPP17, FMPP18, PML19, AZ11, BA18, BDW11, DCGO18, FHV10, Hua14, Ros15, Tan13a, Tan13b]. **Design-based** [FMPP17, FMPP18]. **design-efficient** [Tan13a, Tan13b]. **designed** [SM15]. **Designing** [DKB15]. **Designs** [Lin12, WW15, ZQ13, ABMW14, ASD19, Atk15, Che11, CQ14, DLS15, DKBB10, DGMW18, GSDK14, HQ11a, He17, He19, HAW10, JH11b, JGB15, KD15, KAK19, LT11, MJPK13, RV11, Ros15, SDK+17, SCD15, TQ10, TX14, WYX18, WWY10, WS14, XX17, XHQ11, ZLK13]. **Detecting** [ZSJL10, CLMX19, WJL17]. **detection** [AGL14, KN16, MY16, RCZ17, RZWY15, XCC15]. **determination** [LL16]. **determine** [BMS13, MZ15]. **deviation** [BCK15]. **deviations** [CTP19]. **Diagnostic** [CCZ15, ZIC15]. **diagonal** [PR17]. **dichotomous** [Van10b].

difference [DV14]. **Differential** [CLMX19, YXCD17, AMW16, BDK15, CCC10, PPRS12, XCC15, Yu13, ZCL14]. **differential-geometric** [AMW16]. **diffusion** [LSPV19]. **diffusions** [DL19b, PPRS12]. **dilution** [DH15]. **Dimension** [DL10, WYC15, YZPZ13, CCZ15, HFQ10, HC17, Hun12, KO11, LZG17, MZ13a, MZ15, SWZL17, SZWZ19, WGZX14, XGX+16, YLW15, ZWZF10]. **dimension-reduction** [Hun12]. **dimensional** [AW10, AGL14, AMR18, AMBFL18, Azr19, BCM16, BMG14, BKM10, CLL18, CC15, CYZ17, CQ14, CT19, Dic14, DZ16, EPS16, Fry13, GvHF11, GWY16, HX10, KHL17, LYB11, LZW14, LT12a, Li18, MZ13b, MN19, NL13, Pre16, PW11, PG18, RZWY15, SM10, SLMJ14, TWZ+18, TL10, WY15, XCL18, XLWP16, YB19, ZJC10, ZJBH14, ZLS19, ZPFW14, dFD18]. **dimensionality** [GC17]. **dimensions** [AG10b, HCL17, JLA18, KXYZ16, LSR+19, LBA19, MZY12, RLZ10, She17, TNWL16]. **dimple** [CPB17, KMM11]. **Direct** [LJ15, ZCL14, MZY12, TS14, Van10b]. **Directed** [VT12, RCWJ19, SM10, YSPW19]. **direction** [AM10, JMW19]. **directional** [FRS16]. **Dirichlet** [KJW12, STG13, SM13]. **Dirichlet-multinomial** [SM13]. **discontinuation** [LJ15]. **discontinuous** [XQ15]. **discover** [HZSR15]. **discovery** [CDW19, EZ11, GL13, GMKS19, HSG19, JCL13, JMW19, RCWJ19, SL11, SZY11, XCL18]. **discrete** [AR10, CE10, MH11]. **discretization** [ZWZF10]. **discretization-expectation** [ZWZF10]. **discriminant** [LL18, MZY12, XZZL15]. **discrimination** [AM10, DGMW18, HLM12]. **Discussion** [BR19, JW19, Mar19a, Mar19b, RRG19, TL19]. **disease** [CSDF10, MB13, QZL+15]. **disparate** [KTC19]. **Dispersion** [KP12]. **distance** [FP18, He17, He19, LSPV19, WYX18, XX17]. **distance-based** [LSPV19]. **Distances** [PADS14, ABMW14, HHG13, Li18]. **distinguish** [RV11]. **distributed** [DL10]. **Distribution** [HZ11, HCL17, LY16, BMG14, CDHT18, CCC10, ET12, GMMMV16, Hid14, KP15, LGH+14, Ste17]. **distribution-based** [CCC10]. **Distribution-free** [HCL17, BMG14]. **Distributional** [DL19a]. **distributions** [BS11, BK16, BKM10, BB12, Dur19, GNRM19, GCYS16, KC16, KJ15, KPW13, MT14, Wad15]. **divergence** [GK19, ZJC10]. **diverging** [YX13]. **do** [PRS14]. **does** [KR14]. **domain** [CDHT18, KS19]. **dominance** [ZHC19]. **dominated** [Ros15]. **dose** [CE10, DKB15, MSBM11, SDK+17]. **dose-finding** [CE10, DKB15, SDK+17]. **dose-response** [MSBM11]. **Double** [CH15, HW13, RLSR12, XH19]. **Double-bootstrap** [CH15]. **double-robust** [RLSR12]. **Doubly** [BCVG17, LSH12, ZZL+15, MT16, SBS16, Tan10, TRR10]. **downscaling** [EDO19]. **driven** [BDK15, BKL15, BKL18, KO11]. **drop** [Han16, WWY10]. **drop-out** [Han16]. **drop-the-losers** [WWY10]. **Dual** [SS18]. **Dunnett** [MJW12]. **Durbin** [PG18]. **dynamic** [DD14, ES18, ZTLD13]. **dynamics** [SS12, VTM12].

early [JS12]. **edge** [MLG18, Mon18, VT12, ZLZ17]. **edge-specific** [VT12].

Editor [Ano17]. **Editorial** [Dav13]. **effect** [BCVG17, DD18, DFKO15, Fog18, HZSR15, KP14b, SL11, TS14, Van10b, YS18, dLWR11]. **Effective** [JFH15, YLW15, HFW14]. **effects** [BFT19, CZI+13, GMMMV16, HC17, KG13, KHG11, KCG10, Lee18, LLXC17, LZG17, MGT18, NM11, QP10, SSZJ10, SZ15, SRH14, Van10b, WW15, WZR17, Woo13b, YD18, ZCC+12, ZL15, ZZL14]. **efficacy** [ELZ12, SDK+17]. **Efficiency** [MZ13a, Han16, LF18b, LZ10, WM11]. **Efficient** [BDT13, CLZ12a, DPDK15, LSW10, Li11, LC13, MHZ15, Mei10, RZ15, Tan11, TO15, WT14, WLT+15, CS13, KCL13, SIL+16, SC11b, SC12, SZCY16, Tan10, Tan13a, Tan13b, TQ12, ZK12]. **eigenvalues** [LZW14, LL16]. **eigenvector** [CTP19]. **eigenvectors** [LZW14, LL16]. **elicitable** [Hei14]. **eliminating** [YS18]. **elimination** [Cha13a]. **Elliptical** [VF11, TO15, VT14]. **elliptically** [DL10, MT14]. **emax** [DKBB10]. **embeddings** [Gui19]. **Empirical** [AW10, CG11, Efr16, PC12, TL11, CZ19, DZ16, GKK15, GK19, LT12a, LLQ17, OAB16, PRS14, TL10, TQ12, TW14, VTH14, WQC10]. **endpoints** [DZK+18]. **energy** [LFR19]. **enhanced** [XZZL15]. **Enhancing** [TQ10]. **ensemble** [FK13]. **ensembles** [DSB18]. **Entropy** [GMD15, Tan13a, Tan13b]. **envelope** [EC17, Sch13, Sch14, SZCY16]. **Envelopes** [CFZ15, CS13, SC11b, SC12]. **environment** [CCC13, DKLP12, SAL+17]. **environmental** [FMPP17]. **epidemic** [KP14a]. **epidemiology** [ZW12]. **equal** [CDW19, PB14]. **equal-variance** [CDW19]. **equality** [Far11, PS16, ZH14]. **equation** [GS10, PB14, XGX+16]. **equations** [BDK15, BL10, LT12a, PPRS12, QYSW11, TQ12, TW14]. **equivalence** [Sta10]. **equivariant** [BM14]. **ergodicity** [LŁ14]. **errata** [Pal10]. **Erratum** [WRR17a]. **error** [CDHT18, GvHF11, GMMMV16, HZSR15, LL18, MLS13, PB14, PC12, XW11, YMC12, Yu13, YB19]. **error-prone** [MLS13]. **errors** [DCGO18, KD15, MS14, WSZ12, WVM18, ZBDPJ10]. **errors-in-variables** [KD15]. **estimability** [MN19]. **estimated** [CO14, YD18, ZCM18]. **estimates** [Efr16, JLMV19, PSS17, RSR18]. **Estimating** [CZI+13, Fle12, SFJ10, Wan10a, YB19, ZCC+12, ZLZ17, DWG14, GS10, LL11a, LT12a, LZG17, QYSW11, TQ12, TW14, XQ15, XGX+16, ZZL+15]. **Estimation** [AG13, HW13, HFW14, LYB11, MR14, NM11, TS14, Van10b, WZ10, AHL16, AL13, AMBFL18, BHRG13, BCK15, BD10, BT11, BRW10, CTU+10, CLLX13, CW15, CAW12, CQ16, CG11, CD10, Che11, CLZ12a, CWS15, CFB17, CIHF18, CS13, DR17, DI13, DL19b, Dic14, EC17, FL12, Fry13, GD13, GMMMV16, Gui19, GLMZ11, HFQ10, HNLR11, HQ11b, HHC11, HQ13, HC17, HD13, KF15, KS13a, KC13, KP14a, KD14, LFH17, LSW10, LLZ16, LW18a, LW20, Li11, LF13, LSD17, LC13, LCFL13, LLXC17, LLZ13, LLQ17, LJ15, MSBM11, Mao18, MLG18, NCC+15, OR12, PPRS12, PC12, PDS11, Rat13, RZ15, RLL10, RLSR12, SC11a, SL11, STG13, SM10, SRH14, SK18, SC11b, SC12, SZCY16, Tan10, TFS19, TRR10, TR11, VL14, VSW14, WO11, WSZ12, WWS12, WLT+15, WZR17, WWY10, XH19, XLV16, YK16]. **estimation** [YS18, Yu13, YLQ17, ZML16, ZGL17, ZTLD13, ZZ14, ZCL14, ZM18, ZK12, ZWZF10, ZW14, ZJDP11, dLWR11]. **estimator** [BS10, CPS10, DPDK15, HQF12, Lee18, PTK12, Pre14, PG18, RV16]. **Estimators** [DRS05, DRS12, BDG13, Cam15, CJ11, CKO18, CG12, CV18, HZ11, JHD13, KK12, KCL13, LF18b, LHBD16, LT15, MT16, MR18, MCWZ15, MCWZ18, Rot12, SK16, STL17, Tan11, Tan13a, Tan13b, VT14, WS10, WO11, ZJDP11]. **ethics** [AG10a]. **evaluation** [GKK15]. **event** [CLZ10, CLZ12b, DSB18, ELZ12, GKBZ10, KJW12, LCFL13, NCC+15, Oak16, WH14, Yu13, ZC10]. **events** [CZI+13, Rob13, ZC10]. **Evidence** [Ros10, KFS19]. **Ewens** [Cra15]. **Exact** [DEO16, FWCT14, JH11b, Lei19]. **exceedances** [ET12]. **exchangeability** [MR15, MR16a]. **exchangeable** [GCYS16]. **exciting** [Cai10]. **existing** [WSSQ17]. **Expandable** [SED17]. **expectation** [VTH14, WC14, ZWZF10]. **expectation-maximization** [WC14]. **expectations** [LTZ19]. **expensive** [DLS15]. **experimental** [JH11b]. **experimentation** [PASJS+19]. **experiments** [BA18, Fog18, GSDK14, HT13, JH11b, JGB15, PML19, SM15, VMT14]. **explicit** [LSWZ17]. **exploratory** [HZSR15]. **Exponential** [KS16, DKBB10, DKB15, DY10, FW15]. **exposure** [TR11, Van12]. **exposures** [Van10a]. **expression** [CCC10, JMW19]. **Extended** [TW14, TSMW15, Woo13a]. **extension** [LL11b, MRV18, TMJ11]. **extraction** [She17]. **extrapolation** [BLC+17]. **extrema** [HM10]. **Extremal** [EDO19, Hog18]. **extreme** [BS11, Ste17, WT14]. **extremes** [CT19, WT12]. **extremum** [WDH17].

Factor [Wan12, BD11, JMW19, KD14, LT11, She17, SED17, ZL12]. **factorial** [TX14, ZLK13]. **factorials** [MT12]. **factorization** [VLQCB19]. **factorized** [MRSR17]. **factors** [AZ11, KFS19, Kon17, LYB11, Ros10, SW18, TX14]. **failed** [QF14]. **failure** [DW11, HNLR11, LLZ13, NCZ16, Pre16, ZZC17]. **faithful** [BKM10]. **False** [EZ11, SZY11, GL13, GMKS19, HSG19, RCWJ19, RZ15, SL11, XCL18]. **falsification** [WRR17a, WRR17b]. **families** [DKB15, DY10, FW15, KES11]. **family** [KJ15]. **familywise** [HZSR15]. **Fast** [BCM16, Lei19]. **feature** [SHP12]. **features** [BH18]. **fewer** [KR14]. **fiducial** [CH19a, CH19b, Mar19b, TL19]. **field** [CLMX19, ZZR10]. **fields** [AG10b, Gui19]. **filling** [XHQ11, ZX15]. **filter** [LW18a, LW20, MZ13b]. **filtering** [DKLP12]. **filters** [FK13]. **finding** [CE10, DKB15, SDK+17]. **findings** [BH18]. **Finite** [CG12, BL14, BHRG13, HWF15]. **finite-** [BL14]. **first** [Su18]. **Fisher** [KPW13, KB15]. **Fisher-Bingham** [KPW13]. **fit** [GMMMV16, MV19, SS14, XW11, YL16, ZLL18]. **fitting** [CK12, DWG14, Fle12, SZAS16]. **fixed** [KES11]. **flawed** [JFH15]. **fluctuations** [CTP19]. **follow** [KI14, Ste17]. **follow-ups** [KI14]. **Forecasting** [Cai10, HMMMN16, Pal09, Pal10]. **forms** [FWCT14]. **formulae** [LM11]. **formulation** [TWZ+18]. **Forward** [LL11a]. **four** [KJ15]. **four-parameter** [KJ15]. **fraction** [CLZ10]. **fractional**

[BDK15, Kim11, TX14]. **fractions** [MT12]. **fragmented** [DH16]. **fragments** [DP19, KS19]. **frailty** [LLZ13, MSZ11]. **frames** [AJ13]. **framework** [Che11, MSBM11, MB13, SK16, WDM18, YS18]. **Fréchet** [DM19, NTWY17, PM16]. **free** [BMG14, HCL17, JH11a]. **freedom** [JFH15, KR14, MCWZ15, MCWZ18, Sus13]. **frequency** [CDHT18, Kon17, TFS19]. **Frequentist** [KP14a, ASD19]. **fully** [MST14]. **function** [DWG14, GMS11, KKG11, LCFL13, MSR16, Pre14, WWS12, WLT+15, ZZR10]. **Functional** [KHG11, YM10, ZCM18, CJ11, CM16, CKR17, DMY17, DHB12, DH16, DP19, FHV10, Ger15, HM12, Hei14, JKL17, Jia14, KXYZ16, KP12, KS19, LC18, MY10, MWY13, PS16, PM16, QP10, RCZ17, VTM12, WC18, YLW15, YMC12, ZW15]. **functional-coefficient** [Jia14]. **functionals** [KXZ18]. **functions** [AG10b, CO14, CLZ10, CV18, CPB17, CH19a, CH19b, FWCT14, Mar19b, PS16, PTK12, SDW14, TL19, WT14].

gamma [MSZ11, Wan10a]. **gatekeeping** [LCOT13]. **Gaussian** [BDT13, BCM16, DR17, DFKO15, FLP12, FS11, GMS11, KRS18, LD14, MLG18, PB14, PS13, SZAS16, SIL+16, WT14, XLV16, YSPW19]. **Gene** [SSC19a, CCC10, CCC13, DKLP12, JMW19, SAL+17, XCC15, BR19, JW19, Mar19a, RRG19, SSC19b]. **gene-environment** [CCC13, DKLP12, SAL+17]. **gene-gene** [XCC15]. **General** [Hid14, LHW19, SM15, DVR17, FHD17, GK19, HW17, LT12a, MB13, ST17, SM19]. **Generalized** [Cra15, DV14, KTC19, KKG11, MNF11, WQC10, WJL17, AMW16, AMR18, CW10, CH19a, CH19b, DOXV11, EO17, Fle12, GvHF11, JKL17, MJW12, Mar19b, NM11, PDV11, PTG15, QYSW11, SC11a, Ste17, TL19, WW15, WDM18, Woo13a, WS14, YMC12, ZLL18, ZJDP11]. **genetic** [CCC13, LSR+19, WLT+15]. **genetical** [CLLX13]. **genome** [DKLP12, XCL11]. **genome-wide** [DKLP12, XCL11]. **genomic** [WWN15]. **genomics** [CLLX13, XLV16]. **geodesic** [KDL10]. **geometric** [AMW16, KM12, LŁ14, ZIT11]. **geostatistical** [PRD11]. **geostatistics** [KS13a]. **Gibbs** [BCRW14, SLM17]. **Global** [KK12, WC10, BDPW16]. **Gneiting** [CPB17, KMM11]. **Going** [SIL+16]. **good** [ZX15]. **Goodness** [GMMMV16, MV19, SS14, XW11, YL16, ZLL18]. **Goodness-of-fit** [GMMMV16, MV19, SS14, XW11, YL16, ZLL18]. **gradients** [MY10]. **Graph** [VSW14, GT18, SHP12, YSPW19]. **graphical** [CWS15, DR17, GLMZ11, LLZ16, MLG18, TNWL16, VF11, VT14, XLV16]. **graphs** [GT13, RCWJ19, SM10, VT12, YX13]. **greatly** [KAK19]. **grid** [SIL+16]. **group** [AG13, DHW14, DH15, LLZA12, PJ16, WMGK14, ZM17]. **group-tested** [PJ16]. **grouped** [AMW16, MH11, WS10]. **growing** [CWA12, LT12a]. **guaranteed** [LL18].

Hamiltonian [HJ19, LFR19]. **Hamiltonian/hybrid** [LFR19]. **handle** [EC17]. **Hastings** [STL17]. **hazard** [RSR18, TSMW15, VMT14]. **hazards** [CIHF18, DOXV11, HQ13, MSZ11]. **health** [WZ10]. **heavy** [FW15, KF15].

heavy-tailed [FW15]. **Hellinger** [WYC15]. **heterogeneity** [DD18, JLMV19]. **heterogeneous** [Bro19, WY15]. **heteroscedastic** [WVM18, ZLL18]. **hidden** [AHL16, BR19, JW19, Mar19a, RRG19, SSC19a, SSC19b, WC14]. **Hierarchical** [GK19, SW15, HSS19]. **High** [DZ16, Fry13, GWY16, NL13, dFD18, AGL14, AMR18, AMBFL18, Azr19, BCM16, BMG14, BKM10, CLL18, CYZ17, CDHT18, CT19, Dic14, GC17, GvHF11, HX10, HCL17, JLA18, KXYZ16, Kon17, LYB11, LZW14, Li18, LSR+19, LBA19, MZY12, MZ13b, MN19, PG18, RZWY15, RZ15, RLZ10, She17, SM10, SLMJ14, Tan13a, Tan13b, TNWL16, TWZ+18, TL10, XCL18, XLWP16, YB19, ZJBH14, ZLS19, ZPFW14]. **High-dimensional** [DZ16, Fry13, GWY16, NL13, dFD18, AGL14, AMR18, AMBFL18, Azr19, BCM16, BMG14, BKM10, CLL18, CYZ17, CT19, Dic14, GvHF11, HX10, LYB11, Li18, MZ13b, MN19, PG18, RZWY15, SM10, SLMJ14, TWZ+18, TL10, XCL18, XLWP16, YB19, ZLS19, ZPFW14]. **high-entropy** [Tan13a, Tan13b]. **high-frequency** [CDHT18, Kon17]. **high-throughput** [RZ15]. **Higher** [Pre16, BL14, RF10]. **higher-order** [RF10]. **highlights** [Tit13a, Tit13b]. **highly** [FG11]. **history** [KJW12, Sti12]. **Hochberg** [GTXR14]. **Holm** [SFG16]. **Hommel** [GTXR14]. **Homogeneity** [ZLS19]. **homotopy** [Lei19]. **horizons** [ES18]. **horseshoe** [CPS10]. **Horvitz** [CJ11]. **Horvitz-Thompson** [CJ11]. **hunting** [BR19, JW19, Mar19a, RRG19, SSC19a, SSC19b]. **hybrid** [GTXR14, LFR19]. **hypercube** [CQ14, HQ11a, HAW10, XX17]. **hypercubes** [HT13, ST17]. **hypotheses** [KES11, LCOT13, SYZ10]. **Hypothesis** [AGL14, GMKS19, HM10, Har12, LY16, Ros12]. **Hysteretic** [LGLY15].

Identifiability [PB14, TFS19, Che11]. **Identification** [WZR17, AHL16, MWZ18]. **Identifying** [MGT18]. **Ignorability** [FHD17, FMD18]. **image** [KRS18]. **implementation** [DPDK15]. **implications** [MR15, MR16a]. **imply** [KR14]. **importance** [Har12]. **Improved** [RLSR12, GTXR14, KAK19, LSWZ17]. **improvement** [LL18]. **Improving** [KGV17a, KGV17b, SFG16]. **imputation** [CDH11, CH17, Kim11, KY17, WMC12, YK16]. **imputations** [LGH+14]. **imputed** [CHLM19]. **In-sample** [HMMMN16]. **Inadmissibility** [BM14, MT14]. **incidence** [CAW12]. **incidental** [Lun18]. **incomplete** [SR17]. **Incorporating** [HX10, TS14]. **increase** [QZL+15]. **indefinite** [ES18]. **independence** [BS19, FP18, GNRM19, HCL17, KD16, RBN10, SS14, SLMJ14, Wan12, XZ11]. **independent** [DKLP12, KR12, SR17]. **index** [ZHC19]. **Indicator** [SDW14]. **Indirect** [MR16b, CR10b]. **individual** [AG10a, Bro19, LZ10]. **individual-level** [LZ10]. **individualized** [DSB18, LZ15, ZZL+15]. **induced** [KP15]. **inequality** [KHS11]. **Inference** [BLC+17, Van12, ZJBH14, BKN17, BCK15, BCVG17, BDK15, CC18, CNN+17, CH19a, CH19b, CR10b, DD16, DKY12, DY10, DZ16, ELZ12, Fog18, FRS16, KSS15, KZ13, KGV17a, KGV17b, KD16, KP14b, LC10, LW18b, LSR+19, MH11, MT11, Mar19b, NCC+15, Ogd17, PADS14, PW11, QF14, RLSR12, SBS16, SIL+16, SW15, TL19, TO15, TLT18, WT14, Wad15, WWS12, WH14, WKY18, WVM18, WC14, XQ15, YD18, YWD19, ZZR10, ZW14, ZHC19, dFD18]. **Inferring** [VTM12]. **infinite** [BD11, CC15]. **infinite-dimensional** [CC15]. **influence** [ZIT11]. **Information** [BKL15, Jan14, SS12, BS19, CC18, DOXV11, FL12, HWF15, KHS11, KTC19, MZ15, OAB16, PDS11, QZL+15, SR19, WW15, XQ15, YTY+16, BKL18]. **Information-theoretic** [BKL15, BKL18]. **informative** [Far10, KS13b, LKS19, Lin17, NM11, PRD11, SZ15, WKY18, ZC10]. **inhomogeneous** [BS10, GS10]. **Inner** [SC12]. **insights** [CC10]. **Instrumental** [DVR17, CFB17, RL11, WRR17a, WRR17b]. **integral** [WYC15]. **integrated** [LFH17, Sev10]. **Integrating** [KFS19]. **integration** [GC17, PM16]. **Integrative** [LL18]. **intensities** [PRBR18]. **intensity** [BS10, CV18, Rat13]. **interaction** [BD16, CM16, DKLP12, Van12]. **interactions** [CCC13, LT11, SAL+17, Van10a, XCC15]. **Interactive** [LLS14]. **interference** [BFT19, LHBD16, PASJS+19]. **Interleaved** [He17, He19]. **interpoint** [Li18]. **interpretable** [KJ15, PM16]. **intersections** [GT18]. **Interval** [AL13, WWY10, LSD17, ZML16, ZGL17, Zha11, ZZC17, ZW12, ZW14]. **interval-censored** [ZML16, ZGL17, ZZC17]. **intervals** [AR10, BMS13, HM10, HZ11, Har12, MJPK13, YH18]. **Intrinsic** [Han16, Mon18]. **invariant** [CS13, SNQ12]. **Inverse** [MLS13, SD11, FLP12, LHBD16, RLL10, SW16, Tan10, TWZ+18]. **isotonic** [CIHF18, WD11]. **item** [CH17]. **Itemwise** [SR17]. **iterative** [Che15, DI13, LGH+14].

jackknife [CZ19]. **Joint** [GLMZ11, HC17, XCL18, XLV16, VSW14, WWS12]. **Jump** [XQ15, PDV11]. **junction** [GT13].

Kahan [YWS15]. **Kalman** [FK13]. **Karl** [Ald13, Sti12]. **Kernel** [LLZ13, WC18, CV18, LD15]. **Kernel-based** [WC18]. **kernels** [LL14]. **Kinetic** [LFR19]. **knockoffs** [SSC19a, BR19, JW19, Mar19a, RRG19, SSC19b]. **Kolmogorov** [MZ13b]. **Kronecker** [Sch14].

L [Sti12]. **landmark** [PW11]. **Langevin** [NSF16]. **large** [BDT13, GMKS19, LFH17, LL11a, Mei10, Rot12, SW15, ZH14, ZJC10, ZL14]. **large-dimensional** [ZJC10]. **large-margin** [ZL14]. **large-scale** [GMKS19, SW15]. **largest** [JN17]. **lasso** [BCW11, Cam15, DL19a, Lei19, LGF12, OV17, TLT18, YXCD17, ZZ14]. **Latent** [KD14, AG10b, LYB11, SZAS16, TNWL16]. **Latin** [CQ14, HQ11a, HT13, HAW10, ST17, XX17]. **lattice** [He17, He19, ZX15]. **lattice-based** [He17, He19]. **laws** [GT18]. **learning**

[DSB18, LLS14, ZZL$^+$15]. **least** [BCK15, CD10, Lee18, SKMdG16]. **left** [HQ13]. **left-truncated** [HQ13]. **length** [CCD12, Cha13b, HQ11b, HQF12]. **length-biased** [CCD12, Cha13b, HQ11b, HQF12]. **Level** [DRS05, DRS12, GKK15, LZ10, MT12, OAB16, SCD15, ZLK13]. **levels** [CE10, Van10a]. **Levinson** [PG18]. **life** [CCD12, SSZ12]. **Likelihood** [RL11, Sev10, SNQ12, Sus13, AHL16, AW10, BD14, CSK13, Cha13a, CQ16, CG11, CD10, CHN$^+$18, CZ19, CIHF18, DI13, DKY12, DZ16, DPDK15, DW11, GMS11, HW14, HW17, HQF12, HR12, HWF15, HD13, JLC14, KGV17a, KGV17b, KC13, LY16, LT12a, LHC11, LLZ13, LLQ17, Lun16, LT12b, LT15, LHW19, MHS15, MY16, MT11, MRSR17, Nas14, Ogd17, OAB16, PSS17, PTK12, Pre14, QF14, SC11a, Sch13, SM10, Sta10, SOG$^+$19, TL10, TL11, TQ12, TW14, Wad15, WQC10, WC14, XH19, YLQ17, YSPW19, ZML16, ZGL17]. **likelihood-based** [KGV17a, KGV17b, LY16, MY16]. **likelihoods** [VTH14]. **likely** [BMS13]. **limit** [KN16, YX13]. **limits** [JLD18]. **Lindley** [SHM16]. **line** [MSR16]. **linear** [ADL$^+$13, AMW16, AMR18, BKM10, CS13, CW10, DKBB10, Dic14, DOXV11, FWT10, Fle12, GvHF11, GK10, HMMMN16, JKL17, JH11b, KXYZ16, KF11, KS19, LW18b, Lei19, LL11b, LL18, LC13, MNF11, MS14, MR16b, NM11, PDV11, PTG15, RLL13, RBN10, SDW14, SFJ10, Sch13, SS14, SZ15, SW18, SHM16, SC11b, SC12, SZCY16, SZ12, WW15, WS14, YB19, ZZL14, ZCM18]. **linear-quadratic** [SDW14]. **linearity** [MZ13a]. **link** [KKG11]. **linkage** [JLD18]. **Local** [DCGO18, BDPW16, EN18, HMMMN16, KXZ18, LY16, WC10, WDH17]. **Locally** [KD15, WS14, DL19b, EN18, SFJ10]. **locations** [PRD11, ZBDPJ10]. **loci** [JMW19]. **locus** [NTWY17]. **Log** [RLL13, DKBB10, JH11b, KF11, RBN10, SIL$^+$16, WT14]. **log-Gaussian** [SIL$^+$16, WT14]. **log-linear** [DKBB10, KF11, RBN10]. **Log-mean** [RLL13]. **Logistic** [BCRW14, SRH14, SD19, Van10b, XW11]. **logit** [KF11]. **loglikelihood** [RF10]. **longitudinal** [CZ16, CM16, Far10, FHD17, Han16, KZ13, Li11, Lin17, LT15, MRV18, TL11, TSMW15, WQC10, WWS12, XM12, XGX$^+$16, YMC12, ZL12, ZLS19, ZK12]. **look** [CW15]. **losers** [WWY10]. **loss** [GK19, LHW19, MZ13a, WSZ12, YXCD17, ZZ14]. **loss-likelihood** [LHW19]. **Low** [JLMV19]. **Low-risk** [JLMV19]. **Luo** [DI13].

M [DL19b]. **M-estimation** [DL19b]. **machines** [SWZL17]. **manifolds** [BD10, EPS16, KPW13]. **Mann** [CC15]. **mappable** [MST14]. **mapping** [MB13]. **maps** [FMPP18, LSPV19]. **margin** [ZL14]. **Marginal** [CYW11, Far10, RBN10, GK10, Lun16, MT11, SR19, STL17, SD19, TWB18, XM12]. **Markov** [BR19, JW19, Mar19a, RRG19, SSC19b, AHL16, BB12, CLMX19, DH16, DPDK15, GT13, GT18, LŁ14, SSC19a, VFJ19]. **matched** [KC16, KSS15]. **matrices** [AGL14, AMBFL18, LFH17, LL11a, PG18, Rot12, TP17, ZLS19]. **matrix** [Bat19, BT11, CLLX13, CTP19, FP18, Fry13, MT14, MLG18, MR18, PDS11, WW15, ZZ14]. **max** [DÉMR13, DEO16, GMS11, GPS15, Wad15]. **max-stable** [DÉMR13, DEO16, GMS11, GPS15, Wad15]. **maxima** [ET12, Wad15]. **maximal** [AM10]. **maximin** [He19, WYX18, XX17]. **maximization** [WC14]. **maximize** [AMR12]. **Maximum** [JGB15, LHC11, LLQ17, SC11a, ZML16, ZGL17, AHL16, CQ16, CYZ17, DZ16, HQF12, MHS15, Nas14, PSS17, PTK12, Pre14, QF14, Ste17, XH19]. **Mean** [RF10, SSZ12, CCD12, HFQ10, HFW14, HR12, LCFL13, LJ15, MWZ18, NTWY17, PS16, PC12, PS13, PW11, RLL13, Tan11, WZ10, YL16, Zha11]. **means** [AL13, CLL18, XLWP16]. **measure** [CLNP17]. **Measurement** [KP14b, WSZ12, XW11, YMC12, Yu13]. **measures** [WDM18, ZIC15]. **Measuring** [DRS05, DRS12]. **mechanistic** [BD16]. **Median** [PSS17]. **mediation** [DV16, FMD18]. **mediator** [DV16]. **mediator-outcome** [DV16]. **merge** [PRS14]. **merging** [WWS12]. **meta** [KGV17a, KGV17b, KTC19, LZ10, ZL15]. **meta-analysis** [KGV17a, KGV17b, KTC19, LZ10, ZL15]. **meta-regression** [KGV17a, KGV17b]. **metaphor** [JFH15]. **method** [Hun12, JLC14, KES11, KKP16, ST17, TQ10, YK16, YMC12, ZK12]. **methods** [AW10, CH15, CYW11, CHLM19, DH15, DL10, GKK15, HRD18, HZSR15, LZ15, NT15, SM10, Sta10, SZWZ19, WQC10, WH14]. **metric** [KB15, PM16]. **Metropolis** [NSF16, STL17]. **Metropolis-adjusted** [NSF16]. **microbial** [CLMX19]. **microclustering** [JLD18]. **minimal** [GCAIM12]. **minimax** [He17]. **minimization** [DR17]. **minimum** [JH11b, SK18, ZLK13]. **minus** [ZT19]. **misclassification** [LLZA12, Van12]. **Misclassified** [PJ16, CYW11]. **mismeasured** [BLC^{+}17, OV13]. **missing** [HW13, HP17, HFQ10, Kim11, LCFL13, MR15, MR16a, RLSR12, SR19, SZ15, SW16, SRH14, Tan11, TQ12, TR11, YWD19, YMC12, ZM18, ZK12, ZIC15]. **missingness** [Cha13a, Lin17, MT16]. **misspecification** [LGF12]. **misspecified** [LSH12]. **mixed** [CWS15, CW10, DOXV11, GMMMV16, GK10, KHG11, NM11, SZ15, SRH14, TFS19, ZZL14]. **mixed-effects** [SZ15, SRH14, ZZL14]. **mixed-frequency** [TFS19]. **mixing** [FS11, Hog18]. **mixture** [BCM16, HWF15, JH11b, MT11, MV19]. **mixtures** [JH11a, LHC11, PS13, STG13]. **Möbius** [KP15]. **mode** [Hei14]. **Model** [BA18, DRS05, DRS12, FS16, ZZL14, ASD19, BLC^{+}17, BR19, CCD12, CLZ12a, CM16, CW10, Cra15, CV18, DR17, EC17, Fle12, FFM14, GvHF11, HW17, HQF12, HQ13, JW19, JMW19, JH11b, KMM11, KR12, KF11, KHS11, LLS14, LW18b, LL11b, LC13, LLZ13, LGF12, LT12b, LT15, Mar19a, MSZ11, MRV18, McE16, MV19, PR17, RL11, RRG19, SC11a, SFJ10, SSZJ10, SSC19a, SSC19b, SNQ12, SZAS16, SW18, SM13, SZCY16, TRR10, TR11, TS14, TMJ11, TSMW15, Wan10a, WRR17b, WK18, Woo13a, YX13, YB19, ZC10, ZL12, ZIC15, ZHC19, WRR17a]. **Model-assisted** [BA18, KR12]. **Modelling** [ET12, OAB16, TP17, XM12, CD13, DD14, FS11, KDL10, MB13, MY10, OV17, PRD11, SR17, SR19, VF11, WT12, ZL12]. **models** [AR10, AHL16, ADL^{+}13, AMW16, AMR18, BD11, BDW11, BOW13, BKL15, BKL18, BKM10, BB12, Cai10, CTP19, Cha13a, CZ16, CT10, Che15, CWS15, CNN+17, CFB17, CIHF18, CK12, CZM16, DI13, DWG14, DKBB10, DGMW18, Dic14, DOXV11, EPS16, Far11, GKK15, GMMMV16, GK10, GLMZ11, HP17, HR12, HWF15, JKL17, Jia14, KF15, KZ13, KD15, KD14, KTC19, KKG11, LLZ16, LW18b, LKS19, LGLY15, LSH12, LTF13, LLXC17, LZ13, MZ15, MY16, MT11, MS14, MLG18, MRSR17, MWY13, NM11, NL13, PDV11, PB14, PTG15, PS13, PDS11, Pre16, RLD16, RLSR12, RLL13, RBN10, Sch13, Sch14, SS14, SZ15, SZAS16, SHM16, SD19, SSZ12, Tan11, TNWL16, TFS19, Van10b, VMT14, VT14, VSW14, WW15, WMGK14, Woo13b, WS14, WS15, XLV16, XW11, XM12, YL16, YZPZ13, ZCC+12, ZML16, ZGL17]. **models** [ZQ13, ZZL14, ZW15, ZCM18, ZLL18]. **moderately** [ZJBH14]. **modern** [Cox16]. **modification** [HZSR15]. **Moment** [LT15, HP17]. **Moment-type** [LT15]. **moments** [YK16, YMC12]. **monitoring** [GKBZ10, Mei10]. **monotone** [CSK13, LD14, WS10, ZK12]. **monotonic** [RCF18]. **monotonicity** [SSW15]. **Monte** [DPDK15, HJ19, LŁ14, LFR19, VFJ19]. **Most** [FHV10]. **Most-predictive** [FHV10]. **motion** [BDK15, OR12]. **mouse** [XLV16]. **moving** [BL10, ZL12]. **MR2158619** [DRS12]. **MR2767288** [Pal10]. **MR3034324** [Tit13a]. **MR3068442** [Tan13a]. **multi** [CQ14, LSW10, LC18, MJW12, SK18]. **multi-arm** [MJW12, SK18]. **multi-dimensional** [CQ14]. **multi-phase** [LSW10]. **multi-stage** [MJW12, SK18]. **multi-way** [LC18]. **Multicategory** [ZL14]. **multigroup** [YH18]. **multilevel** [LKS19]. **multilinear** [HWTH12, Sch14]. **Multinomial** [KF11, GCYS16, SM13]. **Multiple** [MRSR17, WMC12, BH18, CSK13, CW15, DFKO15, GMKS19, GTXR14, GLMZ11, Han16, JS12, KY17, KTC19, LCOT13, Oak16, PM19, RCF18, XLV16, YK16, ZSJL10, ZJBH14]. **multiplicative** [GKK15]. **Multiply** [CH17]. **multisample** [CQ16]. **Multiscale** [Nas14]. **multistate** [BB12, KJW12]. **Multivariate** [CZM16, GPS15, Jia14, VFJ19, ZPFW14, AG10b, BS11, CSDF10, CM16, CS13, DHW14, FP18, FG11, HHG13, KC13, LHC11, MY16, MB13, MR16b, MCWZ15, MCWZ18, PM16, Pre16, SR17, SSZJ10, Sch13, STG13, SC11b, SC12, SZCY16, TMJ11, Wad15, XCL18, ZGL17, ZM18]. **mutual** [BS19].

naive [Ogd17]. **natural** [TS14]. **Nearly** [KAK19, MST14, GSDK14]. **neighbourhood** [ZLZ17]. **neighbours** [ABMW14]. **Nested** [HQ11a, CR10a, JDM12, YL16]. **Network** [LSPV19, BA18, YXCD17, ZLZ17]. **network-correlated** [BA18]. **networked** [ZS16]. **networks** [CLMX19, MRV18, XCC15, ZCL14]. **noise** [CTP19, CYZ17, EN18]. **noisy** [CDHT18]. **Non** [DBP17, FS11, GL13, CV18, DL10, PS13]. **non-elliptically** [DL10]. **Non-Gaussian** [FS11, PS13]. **non-model-based** [CV18]. **Non-restarting** [GL13]. **Non-strange** [DBP17]. **nonconvex** [KK12]. **Noncrossing** [BRW10]. **nondecomposable** [VT14]. **nondifferentiable** [WO11]. **nondifferentially** [OV13]. **none** [ELZ12]. **Nonidentifiability** [VLQCB19].

nonignorable [Cha13a, FS16, QF14, SR19, SW16, ZM18]. **Nonlinear** [LFH17, BDW11, GMD15, Jia14, MWY13]. **Nonnested** [McE16]. **Nonparametric** [AHL16, BS19, BD10, CD13, CAW12, CQ16, CH19a, DH15, DD14, ELZ12, HSS19, HQ11b, HHC11, KD16, LCFL13, MH11, PPRS12, SSW15, VL14, ZZR10, ZW14, BCVG17, DHW14, DZ16, GD13, KXZ18, LLZ16, Li11, LF13, Lin17, PTK12, Pre14, SL14, WLT+15, WDM18, XH19, dLWR11, CH19b, Mar19b, TL19]. **nonresponse** [CH17, FS16, KKP16, QF14, SR17, SD11, ZM18]. **nonstationary** [SFJ10, ZW11, Zha11]. **norm** [CDC13]. **normal** [CZ16, Dur19]. **normality** [Li18, WO11]. **normalized** [FLP12, Zha11]. **normalizing** [KPW13]. **note** [Che15, CW10, KY17, NT15, Pal09, RLL10, YK16]. **Notice** [Ros16]. **novel** [PDV11, WSSQ17]. **nuclear** [CDC13]. **nugget** [KG13]. **Nuisance** [Cha13a]. **number** [BOW13, CWA12, EZ11, JLA18, Kon17, Mei10, RZ15, SCD15, Wan10b, YX13, ZH14].

Oakes [Pre16]. **Objective** [DKY12, DY10, FFM14]. **objects** [DM19]. **observation** [BKL15, BKL18, MH11]. **observation-driven** [BKL15, BKL18]. **observational** [HZSR15, KFS19, Ros10, Ros12, WC18, YD18]. **observations** [CE10, Far10, KP14a]. **observed** [BDK15, CSDF10, HWF15, PDS11, Rat13]. **occurrence** [Wad15]. **odds** [Che15, TRR10, TR11]. **off** [SIL+16]. **one** [ABMW14, JN17, Ros12]. **onwards** [Tit13a, Tit13b]. **operating** [DZ13]. **operator** [LLZ16]. **operators** [KP12, PS16, PADS14]. **Optimal** [ASD19, AMR12, BDW11, DMY17, DKBB10, DGMW18, DFKO15, MT12, Rat13, SDK+17, SCD15, YTY+16, ZM18, AG10a, CSK13, CJ11, DSB18, JH11b, KD15, SS12, WS14, ZTLD13]. **Optimality** [LLZA12, BKL15, BKL18, KK12, SM15, WM11]. **Optimizing** [RV11]. **Optimum** [Atk15]. **Order** [HWF15, DL10, HWTH12, KP12, Lun16, LL16, PML19, RF10]. **order-of-addition** [PML19]. **order-two** [HWTH12]. **ordered** [PTK12]. **ordering** [SG10, YLQ17]. **ordinal** [LS12, OV13, Van10a]. **orthogonal** [AJ13, GSDK14, HQ11a, HT13, MST14, ST17, WYX18, ZT19]. **Orthogonalization** [GCAIM12]. **other** [BCK15]. **outcome** [DV16, DVR17, ELZ12, LJ15, NCZ16, Van10b, YTY+16]. **outcomes** [BA18, DSB18, LM11, LS12, SDK+17, SZWZ19, WZR17]. **Outlier** [RZWY15, CCC10, RCZ17]. **output** [VFJ19]. **overadjustment** [RLL10]. **overdispersed** [CZI+13]. **overdispersion** [Fle12]. **overfitting** [HKM18].

paired [Fog18]. **pairs** [Cam15]. **pairwise** [CM16, MY16, SFG16]. **panels** [Bro19]. **paradox** [SHM16]. **Parameter** [CM10, Cha13a, Che11, KJ15, KS13a, PDS11, WDS13]. **parameterization** [MT12, RBN10, SDW14]. **parameters** [AR10, FRS16, HM10, Lun18, SD19, WH14]. **Parametric** [Kim11, CTU+10, CK12, GMMMV16, ZW11]. **Pareto** [TO15]. **Partial**

[CIHF18, SKMdG16, SC11b, LLZ16, MWZ18]. **Partially** [KXYZ16, BDK15, BDW11, BKM10, CSDF10, LT11, QP10, Rat13]. **Particle** [NSF16, PDS11, FK13, LW18a, LW20, SLM17]. **Partition** [KHL17]. **Partition-based** [KHL17]. **pathway** [LSR$^+$19]. **pathways** [DPW15]. **pattern** [Far10]. **patterns** [SW15]. **PC** [BKM10]. **PC-simple** [BKM10]. **peaks** [dFD18]. **peaks-over-threshold** [dFD18]. **Pearson** [Ald13, Sti12, XZW19]. **penalization** [CDC13]. **Penalized** [BC12, KC13, LT12a, SM10, TL10, ZJC10, CKO18, KO11, KK12, WS10, WVM18, YXCD17, ZZ14]. **penalty** [HSS19]. **perfect** [SM13]. **periodic** [Gui19, VL14]. **periodicities** [WC10]. **permanental** [YMM12]. **Permutation** [HSG19]. **Permutation-based** [HSG19]. **Permuting** [TX14]. **personal** [Cox16]. **perspective** [DD18, KXZ18, PRBR18]. **perturbation** [DL19a]. **phase** [FMPP17, LSW10]. **phylogenetic** [NTWY17]. **piecewise** [Lei19]. **piling** [AM10]. **pioneers** [Cox16]. **Pitman** [CLNP17, Cra15]. **pivotal** [BCW11]. **planar** [BS10, BD10]. **plane** [WK18]. **platforms** [PASJS$^+$19]. **plug** [NT15]. **plug-in** [NT15]. **plus** [CTP19, ZT19]. **point** [BCRW14, DWG14, GS10, MSR16, ZX15]. **points** [FHV10]. **Pointwise** [PTK12]. **Poisson** [BS10, KF11, MSR16, PRBR18, Rat13, Wan10a]. **Poisson-compound** [Wan10a]. **Polya** [TMJ11]. **polygenic** [SAL$^+$17]. **polynomial** [DCGO18, WS14]. **population** [AL13, BHRG13, CHLM19, CG12, JLMV19, LLQ17, MWZ18, OAB16]. **populations** [FMPP18]. **Positive** [Rot12]. **positives** [RZ15]. **post** [BCK15, CC18, HKM18, LW18b]. **post-model-selection** [LW18b]. **post-selection** [BCK15, CC18, HKM18]. **Posterior** [ADL$^+$13, VTH14, LSD17, SM19]. **potential** [KP14a]. **power** [AMR12, CSK13, HW17, KC13, QZL$^+$15, XCL11]. **Practical** [SM13]. **precision** [AGL14, AMBFL18, CLLX13, Cox15, MLG18, MR18, ZZ14]. **prediction** [KS13a, MK15, PC12, YTY$^+$16, ZCM18]. **Predictive** [CLZ12b, BM14, FHV10, MT11]. **predictor** [WS14, YZPZ13]. **predictors** [AMW16, DL10, FHV10, GK19]. **presence** [AZ11, Atk15, BA18, JLMV19, KG13, Lin17, LLZA12, LHBD16, TWB18, VLQCB19, VL14]. **prevalence** [QZL$^+$15]. **prevalent** [CAW12]. **Principal** [FMD18, NTWY17, SWZL17, HWTH12, JDM12, JLA18, LZW14, Sch14]. **principle** [Azr19, BS11, Pal09, Pal10]. **prior** [DFKO15, GD13, HX10, KJW12]. **priors** [ADL$^+$13, BDPW16, BCM16, FLP12, GB12, MK15]. **probabilistic** [Pal09, Pal10]. **probabilities** [AL13, Far11, HX10, MWZ18, ZLZ17]. **Probability** [HAW10, LHBD16, MLS13, RLL10, SD11, Sti12]. **Probability-based** [HAW10]. **probability-weighted** [LHBD16]. **probit** [Dur19]. **problem** [CQ16, Li18, YLQ17]. **problems** [BL14, BCK15, CW15, CL10, CNN$^+$17]. **procedure** [LSWZ17, LCOT13, SFG16]. **procedures** [CH17, DKLP12, GTXR14, Su18]. **process** [BDT13, BS10, CLNP17, DWG14, HD13, KRS18, KJW12, LTF13, LD14, PRBR18, SZWZ19, TMJ11, YMM12]. **process-based** [SZWZ19].

processes [BCRW14, CD13, CD10, CKR17, DÉMR13, DEO16, GMS11, GPS15, GS10, JH11a, MSR16, NV19, NCC^{+}15, SIL^{+}16, TO15, WT14, WH14, Zha11]. **products** [KPW13, LTZ19]. **profile** [HQF12, LLZ13]. **profiled** [Wan12]. **prognostic** [AZ11]. **programming** [BCW11]. **Projection** [RCZ17, ZXLZ17, JGB15, LD14]. **Projection-based** [RCZ17]. **projective** [KM12]. **prone** [MLS13]. **Propensity** [KI14, KKP16, Lee18, SW16, YD18]. **proper** [For12]. **Properties** [CR10a, CC10, CKO18, FL14, FMRR18, JS12, ZX15]. **property** [GT18]. **proportion** [HSG19]. **Proportional** [CCD12, HR12, Cha13a, CIHF18, DI13, DOXV11, LT12b, LT15]. **proportions** [GMKS19]. **prospective** [BD14, Sta10]. **protected** [TR11]. **Protective** [SRH14]. **proxy** [MGT18]. **Pseudo** [AR10, CHLM19, STL17, FL12, HQF12]. **pseudo-additive** [FL12]. **Pseudo-marginal** [STL17]. **Pseudo-population** [CHLM19]. **pseudo-profile** [HQF12]. **Pseudo-score** [AR10]. **pseudolikelihood** [CL10, CNN^{+}17, ZM18]. **puzzle** [CSK13].

Quadratic [WWS12, SDW14, WS14, YM10]. **quantification** [ZM17]. **Quantifying** [DW11]. **Quantile** [HV16, BRW10, Cai10, DZ13, FHH11, QP10, TL11, WSZ12, WVM18, WMC12, WY15]. **Quantile-based** [HV16]. **quantiles** [EO17]. **quantitative** [JMW19, TX14]. **quasi** [DD16]. **quasi-sparse** [DD16].

random [And16, AG10b, CLMX19, Cha13a, CDH11, DCGO18, DM19, Gui19, Hog18, HP17, JL12, KAK19, LLXC17, MR15, MR16a, MT16, PM19, SSZJ10, SRH14, WT14, WW15, Woo13b, XZ11, YX13, YWD19, ZL15, ZZR10, ZXLZ17]. **random-** [And16]. **random-effects** [ZL15]. **Randomization** [BFT19, DD18, SYZ10]. **randomization-based** [DD18]. **randomized** [ELZ12, LM11, RV11, Ros15, VMT14]. **range** [KS13a]. **rank** [CDC13, CFZ15, JN17, LLXC17, LS13, MCWZ15, MCWZ18, SC17, SLMJ14, WDM18]. **rank-one** [JN17]. **ranks** [HHG13]. **Rao** [KB15]. **rare** [JCL13, Rob13]. **rate** [GL13, HZSR15, LL18, MV19, RCWJ19, SL11, SZY11, XCL18, ZC10]. **rates** [EZ11]. **ratio** [CSK13, Cha13a, CL10, Che15, CHN^{+}18, DI13, DKY12, DW11, HNLR11, HR12, KM12, LT12b, LT15, Oak16, Sch13, Sev10, SNQ12, Sus13, TRR10, TR11, YLQ17, ZHC19]. **ratios** [BK16, DMY17]. **reassessment** [JLC14]. **Recapture** [Far11, LLQ17, SS12]. **receiver** [DZ13]. **recipe** [LW18b]. **recognition** [SW15]. **reconstructing** [YSPW19]. **record** [JLD18]. **Recovering** [DP19]. **recovery** [BCW11, WS15, XCL11]. **rectangular** [HAW10]. **recurrent** [CZI^{+}13, LCFL13, NCC^{+}15, WWN15, WH14, ZC10]. **recursion** [MT11]. **Reduced** [CDC13, CFZ15, MCWZ15, MCWZ18, SC17]. **reduced-rank** [CFZ15, MCWZ15, MCWZ18, SC17]. **reduction** [CCZ15, DL10, HFQ10, HC17, Hun12, KF11, Lun18, LZG17, MZ13a, MZ15,

PSS17, SWZL17, SZWZ19, WGZX14, WYC15, XGX+16, YLW15, YZPZ13, ZWZF10]. **redundancy** [CM10]. **reflection** [Cox16, PW11]. **regimes** [ES18, LZ15, ZTLD13]. **regions** [HAW10, SM19]. **Regression** [Fog18, OV17, ZS16, Azr19, BCRW14, BDT13, BCK15, BCM16, BRW10, CC10, CDC13, CS13, CFZ15, DCGO18, DHW14, DZK+18, DZ13, Dur19, EPS16, FHH11, FFM14, Ger15, GB12, HSS19, HR12, Jia14, KRS18, KO11, KXYZ16, KN16, KGV17a, KGV17b, KTC19, LW18b, Li11, LF18a, LC13, LD14, LSFL14, LZG17, MHS15, MSBM11, MNF11, MR16b, MCWZ15, MCWZ18, MWY13, NV19, PS13, QP10, RCF18, SC11a, Sch13, SC17, SRH14, SS18, SD19, SC11b, SC12, SZCY16, Su18, SZ12, TWZ+18, TL11, TWB18, WS10, WD11, WSZ12, WMGK14, WVM18, WMC12, Woo13b, XCL18, Xio14, XW11, YM10, Yu13, ZGL17, ZJC10, ZCM18, ZIC15]. **regression-adjusted** [LF18a]. **Regression-assisted** [Fog18]. **regression-based** [LZG17]. **regular** [TX14, WC14, ZLK13]. **regularization** [FL14, KR14, RLZ10]. **regularized** [KS19, PG18]. **rejection** [RLD16]. **rejective** [Tan13a, Tan13b]. **Rejoinder** [CH19b, SSC19b]. **related** [MR15, MR16a, XX17]. **relational** [DD14]. **relative** [LZ10]. **relaxed** [HW14]. **renewal** [LTF13]. **replicability** [BH18]. **Replicates** [TNWL16]. **representation** [FLP12]. **rerandomization** [ZEM+18]. **resampling** [DBP17, JS12, LKS19]. **resampling-based** [JS12]. **residual** [CCD12, LS12, NV19, SSZ12, WVM18]. **residuals** [Lee18]. **resistant** [KP12]. **Resnick** [HD13]. **resolution** [Lin12]. **response** [AMR12, DLS15, HFQ10, HFW14, MSBM11, MR16b, SZCY16]. **response-dependent** [DLS15]. **responses** [BKL15, CYW11, Hun12, PTG15, SZ15, YMC12, BKL18]. **restarting** [GL13]. **restoration** [KP14b]. **restricted** [CD10, Tan11]. **results** [OV13]. **Retraction** [Ros16]. **retransformed** [WZ10]. **Retrospective** [BD14, Sta10]. **Retrospective-prospective** [BD14]. **reversible** [PDV11]. **richness** [Wan10a]. **right** [BB12, CCD12, HQ11b, HQ13, LZ13, SSZ12]. **right-censored** [CCD12, HQ11b, HQ13, LZ13]. **rigid** [OR12]. **Risk** [GKBZ10, CTU+10, DV14, GKK15, JLMV19, WLT+15]. **Risk-adjusted** [GKBZ10]. **risks** [LF13, MH11, SSZJ10, ZCC+12]. **Robust** [AMR18, AMBFL18, KF15, LT11, LTF13, LLXC17, MS14, SC17, VT14, ZTLD13, BHRG13, BCVG17, CH17, CR10b, DD18, FL12, JHD13, MT16, NT15, RLSR12, SBS16, Tan10, TRR10, ZZL+15, ZLL18]. **robustness** [HW13, Han16, LGF12, MRSR17]. **role** [KS13a]. **root** [BCW11, DKY12, JN17, TLT18]. **rotation** [ST17]. **Roy** [JN17]. **rule** [JS12, Sti12]. **rules** [DSB18, For12]. **run** [BMG14, JH11b].

Saddlepoint [KPW13]. **same** [Ros15]. **Sample** [LM11, XCL11, AL13, AMR12, BMG14, CLL18, HMMMN16, JL12, LZW14, Li18, LS13, MWZ18, Ros15, TQ10, XLWP16, YLQ17, ZBDPJ10]. **samplers** [And16, SLM17]. **samples** [MR14]. **Sampling** [GT13, BHRG13, BCM16, BOW13, BC12, CJ11, Che11, CR10a, DLS15, FMPP17, Har12, HQF12, KS13b, KKP16, KY17, LS13, MHZ15, PRD11, RLD16, SS12, SNQ12, STL17, SM13, Tan13a, Tan13b, WKY18, ZW12, ZW14, ZBDPJ10]. **scalable** [LSD17, Mei10]. **Scalar** [KRS18]. **Scalar-on-image** [KRS18]. **scale** [BCM16, CS13, FS11, GMKS19, SW15]. **scale-invariant** [CS13]. **Scaled** [CS13, SZ12]. **scales** [Bat19]. **scan** [And16]. **scanning** [PRBR18, SZY11]. **scarce** [KP14a]. **schemes** [Mei10]. **Score** [DLS15, AR10, EO17, HFW14, KI14, KKP16, Lee18, PDS11]. **scores** [LZW14, YD18]. **scoring** [For12]. **screening** [KHL17, LD15, MZ13b, RZ15, SLMJ14, TX14, Wan12, WY15, XZ11]. **scrutiny** [CSK13]. **search** [CG12]. **second** [DL10, KP12, Lun16]. **second-order** [DL10, KP12, Lun16]. **sectional** [MR14]. **segment** [DL19b, JCL13]. **segments** [DH16]. **selected** [Su18]. **Selection** [CWS15, AL13, AMR18, BCK15, BKM10, CC18, CG12, CV18, EC17, FS16, HKM18, HWF15, Jan14, KO11, KS19, KHS11, LW18b, LSFL14, LZ13, MJW12, MS14, MWZ18, NCZ16, PR17, PM16, SHP12, SZAS16, SZCY16, Wan10b, YZPZ13, dLWR11]. **Selective** [She17, TLT18]. **Self** [Pre14, Cai10, Zha11]. **Self-consistent** [Pre14]. **self-exciting** [Cai10]. **self-normalized** [Zha11]. **semi** [BB12]. **semi-Markov** [BB12]. **semicompeting** [ZCC$^+$12]. **Semiparametric** [DL19b, DZK$^+$18, FW15, HFQ10, HQ13, KSS15, KN16, MT11, QF14, SW16, SAL$^+$17, WMGK14, ZHC19, BKN17, Che15, CNN$^+$17, DHW14, DGMW18, Li11, LTF13, LZ13, MRV18, NL13, SSZJ10, TRR10, TS14, YZPZ13, ZC10, ZML16, ZGL17]. **sensing** [XZ11]. **sensitivity** [CW10, DV16, KB15]. **separability** [CKR17, LC18]. **sequence** [KES11, VL14]. **sequences** [ZSJL10]. **Sequential** [SL14, ZEM$^+$18, FWT10, FMD18, RCWJ19, Su18, ZTLD13]. **Sequentially** [SR19]. **serial** [GMD15]. **series** [BKL15, BKL18, Cai10, EN18, FP18, GMD15, Jia14, LYB11, LL11b, LGLY15, MY16, MNF11, McE16, SFJ10, TFS19, ZW11]. **sets** [SCD15, ZX15]. **settings** [MSBM11]. **several** [KI14]. **shadow** [MT16]. **Shape** [KDL10, MWZ18, AW10, KM12, PB19, PW11, WH14]. **Shape-constrained** [MWZ18]. **shapes** [BD10]. **Shared** [LD15, CCC13]. **Sharp** [DV16, KCG10]. **sharpness** [Pal09, Pal10]. **Should** [Ste17]. **shrinkage** [ADL$^+$13, BDPW16, GB12, LFH17, MK15]. **Shrinking** [MR18]. **Sieve** [MHS15]. **sign** [MT14, ZPFW14]. **sign-based** [ZPFW14]. **Signal** [CTP19, XCL11]. **Signal-plus-noise** [CTP19]. **signals** [BCW11, CPS10, JL12]. **signed** [DKY12]. **significant** [TWB18]. **signs** [BMS13]. **Simple** [HXX13, HW14, Lee18, LSD17, Tan13a, Tan13b, BKM10, Woo13b]. **simulation** [BLC$^+$17, CH15, DÉMR13, DEO16, TO15]. **Simultaneous** [BMS13, GMKS19, JCL13, MJPK13, SHP12, GD13, HSG19, SW15, ZSJL10]. **single** [CH15, WS14]. **single-variable** [WS14]. **Singular** [MK15]. **size** [AGL14, JH11b, JLMV19, LKS19, LM11, PW11, Ros15, WH14, XCL11]. **size-and-shape** [PW11]. **sizes** [DFKO15, NM11]. **Skew** [CZ16, Dur19]. **Skew-normal** [CZ16, Dur19]. **skewed** [CZ16]. **slab** [CLNP17]. **sliced** [TWZ$^+$18]. **slid** [HAW10]. **slid-rectangular** [HAW10]. **Small**

[DRS05, DRS12, BDG13, CG11, JHD13, PC12]. **small-area** [JHD13]. **smooth** [NV19, VL14, Woo13a]. **Smoothed** [LF13, LHC11, LLZ13]. **Smoothing** [WDS13, FWT10, MHZ15, ZLZ17]. **soft** [KRS18]. **soft-thresholded** [KRS18]. **sojourn** [BB12]. **solutions** [BL10]. **Some** [CC10, Cox16, KC16, GB12]. **Space** [ZX15, CKR17, CPB17, NTWY17, PDS11, SZAS16, XHQ11]. **Space-filling** [ZX15, XHQ11]. **space-time** [CKR17]. **Sparse** [BD11, BT11, DR17, SZCY16, ZZ14, AG13, BCW11, CPS10, DD16, Fle12, KZ13, MZY12, SM10, SZ12, SW15, TWZ+18, XCL11, YLW15]. **sparsity** [Bat19, Jan14, JL12, MP18, ZM17]. **Spatial** [EPS16, BCRW14, CZM16, CV18, FMPP18, FG11, GPS15, GS10, KMM11, MT14, RCF18, WT12, WT14]. **spatial-temporal** [KMM11]. **Spatially** [KG13]. **spatiotemporal** [FS11]. **Species** [BOW13, Wan10a]. **specific** [CTU+10, QZL+15, VT12]. **specification** [PTG15]. **Spectral** [Gui19, BVR17, KHG11, LBA19, WC10, ZZR10]. **spectral-based** [WC10]. **spectrum** [HHC11, KC13]. **spheres** [JDM12, KPW13]. **spherically** [MS14]. **sphericity** [Bro19, ZPFW14]. **spike** [CLNP17]. **spline** [CKO18, KO11, SK16, WS10]. **splines** [MHZ15, WDS13, WDH17]. **spreading** [KP14a]. **spurious** [Su18]. **Square** [BCW11, PC12, TLT18]. **Square-root** [BCW11, TLT18]. **squared** [WJL17, XZW19]. **squares** [CD10, Lee18, SKMdG16, XX17]. **stability** [SLM17]. **stabilization** [Nas14]. **stable** [DÉMR13, DEO16, GMS11, GPS15, Wad15]. **stage** [CFB17, DKLP12, Hun12, LM11, MJW12, SK18]. **standard** [Ros15]. **state** [PDS11]. **stationary** [BL10, DL19b, DWG14, EN18, LGH+14, SFJ10]. **statistic** [CL10, DKY12, DD18, Oak16]. **Statistical** [JS12, LSR+19, MP18, WH14, AR10, Cox16, XQ15]. **statisticians** [YWS15]. **Statistics** [AJ13, LZ10, LBA19, Mao18, PRBR18, Sev10, SZY11, Sti12, XZW19]. **status** [LF13, MHS15, MH11, PJ16]. **Stein** [RV16]. **step** [GTXR14]. **step-up** [GTXR14]. **stereological** [HZ11]. **stick** [FLP12]. **stick-breaking** [FLP12]. **Stiefel** [KPW13]. **Stochastic** [BD16, CE10, CWA12, BDK15, CG12, MRV18, SC11a, SG10, VTM12]. **stochastically** [PTK12]. **stopping** [JS12]. **strange** [DBP17]. **strategies** [FMPP17, SLM17]. **stratification** [CQ14, YTY+16]. **stratified** [CJ11, OV17]. **streams** [Mei10]. **strength** [ZT19]. **Strictly** [BL10]. **Strong** [HT13, HZSR15, ZT19]. **structural** [CFB17, GT18, Hog18, MZ15, PB14, TFS19, Van10b, YL16]. **structure** [DCGO18, LCOT13, NCC+15, WS15, XM12]. **structured** [TP17]. **Structuring** [GB12]. **Student** [FFM14]. **Student-** [FFM14]. **Studies** [Sti12, BH18, BD14, CSDF10, CCC13, CCZ15, DKB15, Han16, HZSR15, KFS19, KSS15, KCL13, KTC19, KCG10, LSW10, Lin17, LC18, MJW12, NCZ16, QZL+15, Ros10, Ros12, Sta10, SAL+17, WZ10, WWS12, WC18, XCL11, YD18, YMC12, ZZC17]. **study** [RV16, ZCC+12]. **studying** [Che11]. **subasymptotic** [ET12]. **subject** [CTU+10, DZK+18, KN16].

subject-specific [CTU$^+$10]. **subpopulations** [RV11]. **subsampled** [TFS19]. **subset** [Xio14]. **Sudoku** [XHQ11]. **Sudoku-based** [XHQ11]. **Sufficient** [JMW19, Van10a, ZWZF10, CCZ15, HC17, LZG17, SWZL17, WGZX14, KR14]. **sum** [CCC10, GL13, WC14]. **summary** [LZ10]. **supervised** [SHP12]. **support** [SWZL17]. **Sure** [XZ11, Wan12]. **surrogate** [LSWZ17]. **survey** [CHLM19, KS13b, KKP16, OAB16, WO11]. **surveys** [CDH11, CH17, FMPP17, KR12, ZK12]. **Survival** [Cha13b, BLC$^+$17, CAW12, CO14, CH19a, CH19b, DBP17, HMMMN16, KC16, LM11, LLZ13, Mar19b, SLMJ14, TL19, ZW12, ZW14]. **survivor** [PTK12, Pre14]. **switching** [CZI$^+$13, ZCC$^+$12]. **Symmetric** [WDM18, MT14, MS14]. **symmetries** [MLG18]. **symmetry** [BD14]. **Systematic** [ZBDPJ10, And16]. **systematic-scan** [And16].

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[CH19a] Y. Cui and J. Hannig. Nonparametric generalized fiducial inference for survival functions under censoring. *Biometrika*, 106

(3):501–??, September 2019. CODEN BIOKAX. ISSN 0006-3444 (print), 1464-3510 (electronic). URL `http://academic.oup.com/biomet/article-abstract/106/3/501/5513103`. See discussion [Mar19b, TL19] and rejoinder [CH19b].

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[CK12] D. R. Cox and Christiana Kartsonaki. The fitting of complex parametric models. *Biometrika*, 99(3):741–747, September 2012. CODEN BIOKAX. ISSN 0006-3444 (print), 1464-3510 (electronic). URL `http://www.jstor.org/stable/41720727`.

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