# A Complete Bibliography of Publications in *Biometrika* for the decade 2020–2029

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## Title word cross-reference

$E$ [IWR24]. $F$ [KZ23]. $K$ [PSCW20, MW20]. $M$ [DFZ24]. $p$ [GLS21, VW20]. $\sqrt{2}$ [MWP23]. $\tau$ [ZZ24b].

**-censored** [ZZ24b]. **-estimation** [MWP23]. **-estimators** [DFZ24]. **-modelling-based** [KZ23]. **-nearest** [PSCW20]. **-sample** [MW20]. **-values** [VW20, IWR24].

**aberration** [TX22]. **aberration-type** [TX22]. **absolute** [RvdL24]. **abundance** [Wan23]. **accuracy** [BDS22, JA20]. **accurate** [FDZ22]. **across** [JR24]. **acyclic** [LLFT22]. **Adaptive** [AVCG20, PSCW20, GLS21, GHRB24, JA20, LTM23, PEAL21, YYS22, ZZC21]. **Additive** [LMP23, HNS21]. **adjusted** [LY20, LTM23, ODM24, YSY24, Zha22b]. **Adjusting** [ST22a]. **adjustment** [GPR$^+$23a, LD21, MDT$^+$24, SSR22]. **adjustment-based** [MDT$^+$24]. **adjusts** [WA23]. **Admissible** [MS21]. **adversarial** [COF20].

**after** [AK24, McC24]. **against** [Wie24]. **aggregation** [Pol24]. **algorithm** [DJ20, GD22, LS23a, ODM24, XL22]. **algorithms** [AAR21, SWU21, VLZ23]. **always** [BPR20]. **analysi** [BM21, Bub21, CO21, GGH$^{+}$21b]. **Analysis** [LGR20, BM24, CTGS22, DS21, DST23, GGH$^{+}$21a, GHRB24, LHW$^{+}$24, LZW23, MT21, MZ22, PAJ22, QLR23, SZZ22, SYY21, WJ22, WYCL24, YCG20, ZC21]. **Ancestor** [SB23, Ano23a]. **anomaly** [BM24]. **ANOVA** [SZM21]. **applicability** [YSY24]. **application** [BUCFFH21, JLM21, THT$^{+}$23]. **applications** [NKK21, SZZ22]. **approach** [MDT$^{+}$24, Mao20, MW20, WPTC20, WPS22]. **approximate** [CRRS21, VF20, WX22]. **approximately** [WZ20]. **Approximating** [vdBRD21, vdBRD22]. **approximation** [Ano24d, LD20, MZZ$^{+}$20, Woo20, vdBRD21, vdBRD22]. **arbitrary** [WX22]. **area** [Sug20]. **arising** [BM24]. **arrays** [MFM23]. **art** [YKN23]. **Assessing** [AVH21, SWD23]. **assessment** [DDH$^{+}$23]. **assisted** [ST22a, XW24]. **association** [WL22, WYCL24, ZZC21]. **associations** [LSR$^{+}$22]. **assumption** [AATM24, KM20, LB21, Leu24]. **assumption-free** [LB21]. **assumptions** [LS23b, Säv24a, Säv24b]. **Asymptotic** [SC22, MB21, McC24, SZM21, WZ20]. **Asymptotically** [CY24, AL24]. **Asymptotics** [Zha22a, Cap24, MBW24, MO21, SDDP21]. **attraction** [EBMVZ22]. **augmentation** [LL21]. **autocorrelations** [Zha22a]. **autocovariances** [CCY22]. **autoregressive** [Muk20, ZC21]. **Average** [HLW22, CY24, LY20, VF22, YYS22]. **averaging** [VW20]. **aware** [DNC22, HMvB21].

**Backfitting** [MS22a, HNS21]. **bacterial** [CZL20, MCL21]. **Bagging** [BUCFFH21]. **balanced** [VLZ23]. **balancing** [NSI20, WZ20]. **bandwidth** [AL24, MO21]. **bandwidths** [BUCFFH21]. **Barker** [VLZ23]. **based** [Ano24a, CCY22, CCZ24, CMB24, CV23, He21, JCD23, Kon20, KZ23, LLLD23, MCL21, MDT$^{+}$24, QLR23, SWU21, WYC24, XL22, ZJB21, ZD22]. **bases** [HMvB21]. **Basis** [LWZ21, MZZ$^{+}$20]. **Bayes** [FDZ22, KZ23, RHD23, Sug20, WPS22]. **Bayesian** [CP24, CBM20, CRRS21, DYND20, GLS21, LDD20, MCFB22, SK22, SSYL20, VF20, XX20, YGT20]. **Behrens** [WX22]. **Benjamini** [ST22a, ZZ24b]. **Bernoulli** [VGLR22]. **best** [HHLL23]. **best-subset** [HHLL23]. **between** [YZ23]. **beyond** [FN22, TZ22]. **bias** [GYK23, Ros20, RSR21, THT$^{+}$23]. **biased** [WWM23]. **big** [BUCFFH21, WM21]. **binary** [DDH$^{+}$23, FDZ22, GRR21, JD20, KCB$^{+}$21, KYW22, KBLM23, QYK$^{+}$21a, QYK$^{+}$21b, WZRR21, ZL21b]. **binomial** [KF21]. **binomial-response** [KF21]. **Bio** [DK21]. **Bio-equivalence** [DK21]. **biomarkers** [SZW21]. **blind** [BGN$^{+}$20]. **Blinder** [CF24]. **Block** [KLY21, ZJB21]. **boosting** [LH23]. **bootstrap** [GMR20, KLY21, LH24]. **Bootstrapping** [KP23, Muk20]. **bootstraps** [YKN23]. **borrowing** [AFLP24]. **bouncy** [ST22b]. **boundary** [WYC24]. **bounds** [PC22]. **brain** [NKK21]. **breakpoint** [Che21].

**calculation** [Mao20]. **calculations** [BLD24]. **calibrated** [Tan20]. **calibration** [CF24, DDH$^+$23, GYK23]. **canonical** [MZ22, YCG20]. **Carlo** [GLS21, HJ20, LWDL22, LS23a, NDL20, SSYL20, VGLR22, VF20]. **case** [YMRW22]. **Causal** [AATM24, Leu24, Säv24a, Säv24b, Ano24b, BDT23, CZ23, CTGS22, DHRvDL21, GRR21, HLW22, KCB$^+$21, KYW22, LLJ$^+$24, NSI20, QYK$^+$21a, QYK$^+$21b, RR23, SWD23, SXG24, SSR22, SWU21, WD20, ZL21b, ZD22]. **causality** [GB23]. **cause** [RvdL24]. **cause-specific** [RvdL24]. **causes** [KYW22, LGL$^+$23]. **censored** [GZHL24, XZL23, ZZ24b]. **censoring** [BKGF20, CHCK23, CV23, DV21a, DV22]. **Central** [Mau24]. **centres** [TFMP24]. **chain** [GLS21, LS23a, SSYL20, VGLR22, VF20]. **Changepoint** [YHF21, AK24, KBLM23, SC22]. **characteristic** [AVH21]. **Characterization** [RSR21]. **Characterizing** [DFZ24]. **Chatterjee** [LH23, LH24, SDH22]. **class** [LGL20]. **Classification** [CFS20, LD20]. **closed** [Dob20]. **cluster** [LLLD23, SWD23]. **cluster-level** [SWD23]. **Clustering** [ALRZ23, FI23, RHD23]. **coefficients** [NS22]. **column** [Ano23b, ZZ23]. **Combining** [VW20]. **communication** [DNC22, Sen22]. **communication-efficient** [DNC22]. **community** [LCL20, YZ24]. **compact** [DRS23]. **comparison** [MW20]. **competing** [BKGF20]. **completely** [LD21]. **complexity** [FK21]. **component** [QLR23]. **components** [CFV24]. **Componentwise** [CRRS21]. **Composite** [PEAL21, HNRC20]. **composition** [CZL20, WCL21]. **compositional** [SZZ22, Wan23]. **computation** [CRRS21, Pol24, VF20]. **computer** [PEAL21]. **concentration** [RC20]. **concomitant** [FI23]. **conditional** [GR20, HBM24, JR24, LZS20, LKJR22, Muk20, PGDM20, Ros20, TZ22, WJ22, WYCL24]. **conditioning** [GS24]. **conditions** [ODM24]. **Confidence** [BMS22, McC24, Zha22b]. **conformal** [BHRZ24, Gua23]. **Conformalized** [GHRB24]. **confounder** [Ano24b]. **confounders** [DHRvDL21]. **confounding** [CTGS22, GPR$^+$23a, MSK$^+$20]. **conjugate** [LGR20]. **connectivity** [NKK21]. **considerations** [WZ20]. **Consistency** [GMR20, SWU21, ALRZ23]. **Consistent** [LCL20]. **constant** [CY24]. **constrained** [AVCG20, THT$^+$23]. **constraint** [DYND20]. **constraints** [LRF21, WYC24]. **constructing** [LLT21]. **contamination** [LY21]. **continuous** [Gun21, YPC20]. **continuous-time** [YPC20]. **contraction** [JG21]. **control** [BHRZ24, LRF21, NS22, SKN$^+$22, ZZC21]. **controlling** [ST22a]. **convergence** [ODM24]. **copulas** [CV23]. **Correction** [Ano23a, Ano23b, Ano24a, Ano24b, Ano24d, Ano24c, DV22, HZ22a, LW20, vdBRD22, VF20]. **correlated** [Wie24]. **correlation** [LH23, LH24, MZ22, SK22, SCHL23, SDH22, WL22, WYCL24, YCG20]. **correlation-shrinkage** [SK22]. **cost** [WCL21]. **count** [ZL21a]. **counterfactual** [KBW23a]. **counting** [SCMH22]. **couplings** [HJ20]. **covariance** [GT21, KK24, MSP23, MC22, VF22, XL22, YXZ23]. **covariances** [Gui22, WX22]. **Covariate** [YSY24, ZZC21, LTM23, NSI20, WYX24, YYS22]. **covariate-adaptive** [LTM23, YYS22]. **Covariate-adjusted** [YSY24]. **covariate-induced**

[WYX24]. **covariates** [COW22, LD21, TZ22, YHF21, ZLWL22]. **coverage** [BHRZ24, Zha22b]. **coverage-statement** [BHRZ24]. **Cox** [CMTT23]. **criterion** [Hui21, TX22]. **critical** [AVCG20]. **cross** [AL24, Ano24a, BUCFFH21, CKY20, CMB24, FH20, GM20, HDL20, LL20, LLZ20a, LLZ20b]. **cross-sectional** [HDL20]. **cross-validated** [BUCFFH21]. **cross-validation** [AL24, CKY20, FH20, GM20, LL20, LLZ20a, LLZ20b]. **cross-validation-based** [Ano24a, CMB24]. **crossed** [PRZ20]. **cumulative** [AK24, LDD20]. **cure** [AVH21, EBMVZ22]. **cures** [ZZ24a]. **current** [LHW+24]. **curses** [ZZ24a]. **curves** [AVH21, RvdL24, SXG24]. **cut** [GHRB24]. **cut-offs** [GHRB24].

**Data** [TCH23, AVH21, BUCFFH21, BM21, BPR20, Bub21, CZL20, CP24, CO21, DS21, DV21a, DV22, DK21, DDB22, GGH+21a, GGH+21b, GZHL24, HDL20, JLM21, KLY21, LGR20, LZS20, LCL20, LB24, LL23, LHW+24, LWH23a, LWH23b, ND23, SZZ22, SC22, SZ23, Tan20, WM21, WWC23, Wan23, XZL23, YCG20, YXZ23, ZL21a, ZDS+20, ZXZ22, ZLWL22, ZYZ23]. **debiased** [CNS23, HLLH24]. **Decomposition** [XC22]. **deconvolution** [JCD23]. **decrease** [BDS22]. **Deep** [FY24]. **definite** [LMP23]. **definitions** [AATM24, Leu24, Säv24a, Säv24b]. **demonstrated** [Ros20]. **Demystifying** [LGL20]. **density** [KBW23a, PGDM20, Sug20]. **dependence** [GM22a, SWT20, Ber22, GM22b, LEZK+22, SJS+22]. **Dependent** [CV23, CHCK23, DV21a, DV22, KLY21, WYX24, Zha21, Zha22a]. **descent** [HLLH24]. **Design** [LLLD23, Ano23b, HP21, LB21, RR23, VLZ23, ZD22]. **Design-based** [LLLD23, ZD22]. **designs** [Azr23, BDT23, He21, LLT21, PEAL21, TX22, Wie24, ZZ23]. **detection** [DFW20, FI23, KBLM23, LCL20, SC22, YZ24]. **determination** [LL21]. **Determining** [CL22, SWT20]. **deviation** [DK21]. **Diagnosing** [BPR20]. **differential** [NKK21, Wan23]. **Dimension** [ZLWL22, YZ23, YY22, ZZZ21]. **dimension-and-sample** [YZ23]. **dimensional** [BW24, CCTW21, CL22, CLC23, CLYZ20, DV21b, FDZ22, GT21, HHLL23, KKSC23, LB24, LZW23, LXYY22, MO21, MW20, NSI20, SK22, SSLD20, SZZ22, Tan20, WD20, WX22, WJ22, YXZ23, ZB22, ZXZ22, ZYH22, ZWZ20, vdBRD21, vdBRD22]. **dimensionality** [Cap24]. **dimensions** [MZ22, QQJG20, YZ23, ZZ24a]. **direct** [HLW22]. **directed** [LLFT22]. **Dirichlet** [ALRZ23]. **Discontinuous** [NDL20]. **discovery** [LRF21, MCFB22, ST22a, WD20]. **discrepancy** [AG24, YZ23]. **discrete** [LS23a, NDL20, ST22b]. **discrete-time** [LS23a]. **discretely** [ZYZ23]. **discriminant** [BW24, PAJ22]. **Discussion** [AATM24, Ber22, BM21, Bub21, CKY20, CO21, GM20, GRR21, KCB+21, LEZK+22, LL20, Leu24, ND23, SJS+22, SZ23, WWC23, ZL21b]. **dispersion** [WZ20]. **distance** [He21, LLT21, XL22]. **distillation** [LKJR22]. **Distributed** [CLZ22, DNC22]. **Distribution** [GP22, GB23, MB21, NBP20, SC22, ZS22]. **distribution-free** [SC22]. **Distribution-on-distribution** [GP22]. **distributionally** [BMS22]. **distributions** [EBMVZ22, HMF22, JR24]. **divergence** [Sug20]. **divergent**

[TZ22]. **diverging** [LD21]. **domain** [EBMVZ22, YKN23]. **dose** [SXG24, ZZZ21]. **dose-finding** [ZZZ21]. **dot** [XX20]. **Doubly** [QQJG20, WYX24, Ano24c, CT24]. **drift** [MDT+24]. **driven** [GLL24, GMR20]. **dynamic** [CHCK23, HMvB21, SYY21]. **dynamical** [SZW21].

**edge** [CKY20, GM20, LL20, LLZ20a, LLZ20b]. **effect** [DV21b, LLJ+24, LY20, LTM23, MSK+20, SWD23, SL24, WPTC20, YYS22, YMRW22, ZWZ20]. **effects** [BDT23, CTGS22, GYK23, GRR21, HLW22, KCB+21, KYW22, LGL+23, NS22, NW21, NSI20, PRZ20, PK22, QYK+21a, QYK+21b, RR23, WZRR21, XC22, ZL21b]. **efficiency** [Che21, Mao22, Sen22, YSY24]. **Efficient** [KU24, KK24, LL23, PK22, SSLD20, SSR22, VGLR22, Ano24b, DHRvDL21, DNC22, GPR23b, KH24, MZZ+20, SLT23]. **eigenvalues** [TY20]. **eigenvector** [XW24]. **eigenvector-assisted** [XW24]. **eigenvectors** [MWP23]. **elicitable** [HMF22]. **Elicitation** [FK21]. **elimination** [GPR23b]. **Empirical** [CLYZ20, CCTW21, KLY21, KZ23, MO21, Sug20, SZM21, WPS22, YGT20]. **Ensemble** [SLCF20]. **Envelopes** [ZLS20]. **environment** [LSR+22]. **equation** [Ano23a, SB23]. **equivalence** [CCZ24, DK21]. **Equivariant** [MH23]. **Erratum** [Ano22]. **error** [AB24, BPBS21, DS21, FY21, LZF20, NBP20, SZZ22, ZZC21]. **errors** [JD20, LB21, NBP20]. **errors-in-variables** [NBP20]. **essential** [LMSW20]. **estimands** [ZD22]. **estimates** [LY20, TCH23]. **Estimating** [NKK21, QYK+21a, VF22, GRR21, KCB+21, QYK+21b, ZL21b]. **Estimation** [AB24, EBMVZ22, HDL20, LZF20, MS22b, NBP20, WZRR21, WL22, ZWZ20, BMS22, CZL20, COW22, Che21, CTGS22, CMTT23, DV21a, DV22, GZHL24, JCD23, KBW23a, KK24, KZ23, LW18, LW20, LL23, LTM23, MCL21, MSP23, MH23, MSK+20, MWP23, NW21, NSI20, PK22, PGDM20, RvdL24, SCHL23, SLCF20, Sug20, SLT23, Tan20, WYX24, WBC23, XC22, XX20, XW24, XL22, YPC20, ZL21a]. **estimator** [CY24, Kon20, ZS22]. **estimators** [Azr23, CF24, DFZ24, GB23, KP23, LGL20, MS21, Muk20]. **Evaluating** [LGL+23]. **evaluation** [KU24, YHF21]. **Event** [BM21, Bub21, CO21, GGH+21a, GGH+21b, SYY21]. **events** [MPHF21]. **evolutionary** [SP24]. **exact** [KH24, LB21, SKN+22]. **excess** [HNS21]. **exchangeable** [Dob20, LB21, MFM23]. **excursion** [GRR21, KCB+21, QYK+21a, QYK+21b, ZL21b]. **Existence** [DRS23]. **expansions** [LWZ21, MSP23]. **experimental** [CP24]. **experiments** [BDT23, LD21, LY20, PEAL21, SL24, ZD22]. **explained** [WPTC20]. **Explicit** [AL24]. **exploiting** [TCH23]. **exponentially** [YGT20]. **exposure** [AATM24, Leu24, Säv24a, Säv24b]. **Extended** [SSYL20]. **extending** [YKN23]. **extensions** [QLR23]. **external** [TCH23, ZDS+20]. **extraction** [WWM23]. **extreme** [CLZ22, ZS22]. **extremes** [FI23, SWT20].

**facilitate** [CHCY24]. **factor** [CL22, HZ22c]. **factorial** [ZD22]. **factorization** [SCD22]. **factorizations** [LDD20]. **factors** [CL22, Kon20]. **factory** [VGLR22]. **failure** [LH24, YPC20]. **false** [BHRZ24, LRF21, ST22a, Zha22b]. **Familial** [TFMP24]. **family** [TFMP24]. **familywise** [ZZC21]. **Fast** [Dob20, LKJR22, KBLM23, PEAL21]. **fifty** [DJ20]. **filling** [MZZ+20, TX22]. **filter** [GD22, LW18, LW20, LSR+22, Sen22]. **filtering** [PC22]. **finding** [ZZZ21]. **Finite** [ZC21, CNS23, JR24]. **finite-sample** [CNS23]. **Finite-time** [ZC21]. **finiteness** [KF21]. **Fisher** [Ber22, GM22b, LEZK+22, SJS+22, GM22a, WX22]. **fixed** [LB21]. **fixed-design** [LB21]. **flow** [WCL21]. **follow** [EBMVZ22]. **follow-up** [EBMVZ22]. **forecast** [HZ22a, HZ22b]. **forecasting** [LXYY22]. **forests** [BDS22]. **forms** [BZ21]. **formula** [GPR23b]. **framework** [Gua23, LRF21, RHD23, XW24]. **Fréchet** [MH23, YY22]. **free** [LB21, SC22, WPTC20]. **frequency** [YKN23]. **full** [AFLP24]. **full-range** [AFLP24]. **function** [FN22, WBC23]. **Functional** [HZ22c, LY21, ZYZ23, Ano24c, DK21, LZS20, LWZ21, PAJ22, QQJG20, ZOP22]. **functionals** [CT24, SKN+22]. **functions** [BW24, MWP23, SXG24]. **fused** [PSCW20]. **fusion** [LL23, WWM23]. **fusion-extraction** [WWM23].

**g** [GPR23b, SLT23]. **G-estimation** [SLT23]. **g-formula** [GPR23b]. **gain** [YSY24]. **game** [COF20]. **Gauss** [JA20]. **Gaussian** [vdBRD22, BW24, DDB22, DRBW23, KKSC23, PGDM20, ZOP22, vdBRD21]. **Gaussianity** [WD20]. **General** [BKGF20, Zha22b, CNS23, HP21, KBLM23, LRF21, YMRW22]. **Generalized** [KM20, SCD22, SC24, ZDS+20, BZ21, CFV24, CL22, CLC23, CF24, DFBL22, Gua23, Hui21, JG21, JCD23, KF21, LGR20, MBW24, MS22a, Muk20, RHD23, ZS22]. **generalizes** [LZL24]. **genetic** [WL22]. **genome** [ZZC21]. **genome-wide** [ZZC21]. **genomic** [MCFB22]. **geodesic** [CFV24]. **geometric** [ODM24]. **Geometrically** [HMvB21]. **geometry** [CFV24]. **Gibbs** [CRRS21]. **Gibbs-like** [CRRS21]. **global** [GD22, ZS22]. **Gradient** [QLR23, HLLH24, SSYL20]. **Gradient-based** [QLR23]. **Granger** [GB23]. **graph** [CFV24, GPR23b]. **Graphical** [DDB22, HBM24, KKSC23, NKK21, QQJG20, SSR22, WA23, ZOP22]. **graphon** [COW22]. **graphons** [LS23b]. **graphs** [LLFT22, RC20, XX20]. **greedy** [SWU21]. **grid** [PEAL21]. **grids** [Gui22]. **group** [KH24, LHW+24]. **group-tested** [LHW+24]. **grouped** [LGR20]. **groups** [FI23, LMP23]. **growth** [MCL21]. **guaranteed** [YSY24]. **guarantees** [CNS23, SWU21]. **Gumbel** [EBMVZ22].

**habituation** [BDT23]. **Hamiltonian** [HJ20, NDL20]. **handling** [HZ22c]. **harm** [CF24]. **Hastings** [DJ20, VLZ23]. **hazards** [XZL23]. **health** [GRR21, KCB+21, QYK+21a, QYK+21b, ZL21b]. **Hermite** [JA20]. **Heterogeneity** [DNC22, HZ22c, SWD23]. **Heterogeneity-aware** [DNC22]. **Heterogeneous** [MPHF21, NS22, NW21, SXG24]. **heteroscedastic**

[Muk20, Wie24]. **heteroscedasticity** [ZLS20]. **hidden** [SSR22]. **High** [CCTW21, LZW23, SZZ22, WD20, Zha21, ZB22, ZYH22, BW24, CL22, CLC23, DV21b, FDZ22, GT21, HHLL23, KKSC23, LB24, LXYY22, MO21, MZ22, MW20, NSI20, QQJG20, SSLD20, Tan20, WX22, WJ22, YZ23, YXZ23, ZXZ22, ZZ24a, ZWZ20, vdBRD21, vdBRD22]. **High-dimensional** [CCTW21, LZW23, SZZ22, WD20, ZB22, ZYH22, BW24, CL22, CLC23, DV21b, FDZ22, GT21, HHLL23, KKSC23, LB24, LXYY22, MO21, MW20, NSI20, SSLD20, Tan20, WX22, WJ22, YXZ23, ZXZ22, ZWZ20, vdBRD21, vdBRD22]. **High-quantile** [Zha21]. **higher** [YZ24]. **higher-order** [YZ24]. **highly** [DDB22]. **histogram** [LMSW20]. **history** [BM21, Bub21, CO21, GGH+21a, GGH+21b, SYY21]. **Hochberg** [ST22a, ZZ24b]. **Honest** [DDH+23, KBW23b]. **hop** [LS23a]. **Hug** [LS23a]. **Hybrid** [McC24, HZ22c]. **hyperbolic** [BZ21]. **Hypotheses** [BPBS21, TFMP24]. **Hypothesis** [WCL21].

**ideal** [ZYZ23]. **Identifiability** [KYW22]. **identification** [NS22, THT+23, XC22]. **imaging** [HZ22c]. **imbalanced** [SSLD20]. **imperfect** [CFS20]. **implicit** [ZYH22]. **implied** [CZ23]. **improve** [Zha22b]. **improved** [ZDS+20]. **improvement** [MBW24]. **inconsistency** [BDS22, Säv22]. **incremental** [SXG24]. **independence** [Ber22, GM22a, GM22b, GR20, JGS24, KM20, LZS20, LEZK+22, MC22, SJS+22, ZZ24a, ZZ24b]. **index** [CLZ22]. **indexes** [SCMH22]. **indirect** [HLW22, ZWZ20]. **individual** [MPHF21]. **individualized** [CHCY24]. **induced** [WYX24]. **inequalities** [KM20]. **inexact** [GR23]. **Inference** [DV21b, YYS22, YGT20, AATM24, BHRZ24, CCTW21, CZ23, CLZ22, DV21a, DV22, DNC22, GS24, Gua23, HLLH24, HZ22a, HZ22b, HNRC20, JR24, KKSC23, KBW23b, Leu24, LB24, LLJ+24, LWH23a, LWH23b, McC24, ND23, PRZ20, PEAL21, Pol24, RY23, Säv24a, Säv24b, SWU21, SZ23, SCMH22, TFMP24, WWC23, WYC24, WPS22, YHF21, ZDS+20, ZB22, ZD22, ZWZ20]. **infinite** [LDD20, SCD22]. **inflated** [VF20, YLYG23]. **information** [AFLP24, Hui21, Mao20]. **informative** [McC24]. **inner** [MSP23]. **insensitivity** [Ros20]. **instrument** [Gun21]. **Instrumental** [CMTT23, HBM24, JD20, JCD23, KM20, SLT23, WZRR21]. **insufficient** [EBMVZ22]. **Integrated** [TZ22, Ano24d, Woo20, vdBRD21, vdBRD22]. **integration** [TCH23, ZDS+20]. **intensity** [WBC23]. **intent** [Mao22]. **intent-to-treat** [Mao22]. **interactive** [LRF21]. **interference** [HLW22, PK22, SWD23]. **intermediate** [Ano24b, DHRvDL21]. **interplay** [YZ23]. **Interpoint** [MC22]. **Interpoint-ranking** [MC22]. **Interpolating** [BW24]. **interpolation** [LZL24]. **interval** [GZHL24, XZL23]. **interval-censored** [GZHL24, XZL23]. **intervals** [McC24, Zha22b]. **interventional** [CP24]. **intractable** [VGLR22]. **invalid** [SLT23]. **invariance** [KH24]. **Inverse** [LXYY22, HMvB21]. **Inverses** [Gui22].

**Jackknife** [MO21]. **Jeffreys** [KF21]. **Jeffreys-prior** [KF21]. **Joint** [ZXZ22].

**Jump** [Che21].

**Kernel** [LZL24, SXG24, YZ23, SC24]. **kink** [Che21]. **knockoff** [LSR+22, ST22a]. **knockoff-assisted** [ST22a]. **knockoffs** [WJ22]. **Kronecker** [FY24, YXZ23].

**labels** [CFS20]. **lag** [VF22]. **Langevin** [ODM24]. **Laplace** [Ano24d, Woo20]. **Large** [DFBL22, SDDP21, CLYZ20, GLS21, SSYL20, SZM21]. **large-dimensional** [CLYZ20]. **Large-sample** [SDDP21]. **Large-scale** [DFBL22, SSYL20]. **Lasso** [LTM23, PSCW20, WA23]. **Lasso-adjusted** [LTM23]. **Lassoing** [TY20]. **Latent** [MLZ22, BW24, CL22, NKK21, WA23, ZXZ22]. **Lattice** [He21]. **Lattice-based** [He21]. **layer** [LCL20]. **Learning** [ZJB21, Ano24c, CP24, CCZ24, CHCY24, CNS23, CLY23, CT24, KU24, MDT+24, QLR23, ZB22]. **least** [Azr23]. **left** [BKGF20, WYX24]. **left-truncation** [BKGF20]. **less** [MCFB22]. **level** [SWD23]. **leveraging** [ZDS+20]. **Lie** [LMP23]. **like** [CRRS21]. **Likelihood** [WYC24, AVCG20, CCTW21, CLYZ20, DRBW23, FH20, GZHL24, HNRC20, MO21, MT21, RvdL24, XL22, YGT20, ZL21a, ZS22]. **Likelihood-based** [WYC24, XL22]. **likelihoods** [NDL20]. **limit** [Mau24]. **limited** [Sen22]. **line** [KU24]. **linear** [Ano23a, COW22, CZ23, Che21, CLC23, DFBL22, FN22, HMvB21, Hui21, JG21, KF21, LGR20, LB21, LZW23, MBW24, MDT+24, NBP20, PAJ22, SB23, ZYH22, ZC21, ZWZ20, ZYZ23]. **Linearized** [SCHL23]. **Local** [COW22, Dob20, FN22, LD20, Mau24, WZRR21]. **Localized** [Gua23]. **locally** [VLZ23]. **log** [SZZ22, YSY24]. **log-error-in-variable** [SZZ22]. **log-rank** [YSY24]. **logistic** [FY21, LB24, PGDM20, SSLD20]. **longitudinal** [LWH23a, LWH23b, ND23, SZ23, WWC23]. **loss** [MS22b]. **lost** [GLS21]. **Lugsail** [VF22].

**M** [Muk20]. **M-estimators** [Muk20]. **machine** [Ano24c, CNS23, CT24]. **manifold** [LD20, LY21, WBC23]. **Mann** [Mao22]. **mappings** [AATM24, Leu24, Säv24a, Säv24b]. **maps** [GP22]. **Marginal** [XZL23, CTGS22, CMTT23, FH20, GR20, SDDP21]. **mark** [QSS24]. **mark-specific** [QSS24]. **marker** [WPTC20]. **Markov** [GLS21, HMvB21, LS23a, SSYL20, VGLR22, VF20]. **matched** [COF20, Ros20, SL24]. **matching** [DRS23, GR23, MT21, Säv22]. **Matérn** [Gui22]. **matrices** [CZL20, KK24, LMP23, VF22, YXZ23, ZJB21]. **Matrix** [FY21, MCL21, MS22b, MWP23, XW24, YXZ23]. **matrix-valued** [MWP23]. **Matrix-variate** [FY21, YXZ23]. **maximin** [LLT21]. **maximizing** [MCFB22]. **Maximum** [GZHL24, ZL21a, AG24, DK21, EBMVZ22, RvdL24, SCHL23, ZS22]. **MDA** [BDS22]. **Mean** [BDS22, AG24, CLYZ20, LZS20, MS21, YLYG23, ZB22]. **means** [MH23]. **Measurement** [JD20, DS21, FY21]. **Median** [KBW23b]. **mediation** [Ano24b, DHRvDL21, DST23, XC22, ZWZ20]. **mediator**

[MSK+20]. **mediator-outcome** [MSK+20]. **mediators** [XC22]. **metagenomics** [CZL20]. **method** [DFW20, JCD23, LLT21, ST22a, SDDP21, SKN+22, SZM21]. **methodology** [KBLM23]. **methods** [Cap24, LXYY22, SXG24, YYS22]. **Metropolis** [ODM24, VLZ23]. **Metropolis-adjusted** [ODM24]. **microbial** [SZZ22]. **Minimal** [WZ20, LS23b]. **Minimax** [BDT23, Azr23, Wie24]. **minimization** [YYS22]. **minimum** [TX22, WCL21]. **minimum-cost** [WCL21]. **Missing** [FDS22, BPR20, YHF21]. **misspecification** [Tan20]. **misspecified** [AATM24, DFBL22, DV21b, Leu24, Säv24a, Säv24b]. **mixed** [GYK23, Hui21, LGR20, MBW24, RSR21, YCG20]. **mixed-effects** [GYK23]. **mixing** [GLS21]. **mixture** [LPR20]. **mixtures** [ALRZ23, BW24]. **mobile** [GRR21, KCB+21, QYK+21a, QYK+21b, ZL21b]. **mode** [HMF22]. **Model** [WPTC20, Ano23a, BKGF20, CMTT23, DFBL22, HDL20, HNS21, HZ22c, JD20, MBW24, McC24, PGDM20, QSS24, SK22, Tan20, TCH23, WZRR21, YLYG23, ZDS+20, ZD22, ZZZ21]. **Model-free** [WPTC20]. **Modelling** [SZW21, DV21a, DV22, KZ23, LPR20, MPHF21, YMRW22]. **models** [Cap24, CL22, CLC23, DFBL22, DDB22, DV21b, FDZ22, GYK23, GLL24, GZHL24, GT21, Hui21, JLM21, JG21, KKSC23, KF21, LGR20, LB21, LB24, LMP23, MLZ22, MS22a, Mao20, Muk20, NKK21, NBP20, PRZ20, QQJG20, SCD22, SB23, SLCF20, SSR22, SZM21, XW24, XZL23, YPC20, ZOP22, ZL21a, ZLS20, ZXZ22, ZC21, ZWZ20]. **moderation** [SWD23]. **modularity** [MB21]. **moment** [LXYY22, TZ22, YZ23]. **monotone** [MCL21]. **Monte** [NDL20, GLS21, HJ20, LWDL22, LS23a, SSYL20, VGLR22, VF20]. **Multi** [CHCK23, GM22a, LCL20, LSR+22, Ber22, GM22b, LEZK+22, SJS+22]. **multi-environment** [LSR+22]. **multi-layer** [LCL20]. **Multi-scale** [GM22a, Ber22, GM22b, LEZK+22, SJS+22]. **Multi-stage** [CHCK23]. **multinomial** [LPR20]. **multiple** [CBM20, GS24, IWR24, KYW22, LLJ+24, NS22, XC22]. **multiplex** [MLZ22]. **Multiplicative** [YMRW22, YLYG23]. **multiply** [LGL20, XC22]. **Multisample** [CZL20]. **multistate** [GZHL24]. **Multivariate** [COF20, Ber22, BPR20, BZ21, CG22, DDB22, GM22a, GM22b, HHLL23, LEZK+22, LZW23, MS21, SJS+22, SWT20, XZL23, ZOP22, ZLS20].

**natural** [KU24, XC22]. **nearest** [PSCW20]. **neighbour** [PSCW20]. **nested** [Ano24d, LLFT22, Woo20, YLYG23]. **Network** [LLZ20a, YZ24, Cap24, CP24, FY24, LCL20, MO21, Mau24, PK22, ZXZ22, ZLWL22, CKY20, GM20, LL20, LLZ20b]. **networks** [CFV24, MB21, MLZ22, SYY21]. **No** [CF24]. **No-harm** [CF24]. **node** [ZXZ22]. **noise** [XW24]. **non** [WD20]. **non-Gaussianity** [WD20]. **noncompliance** [Mao22]. **nonconvex** [WYC24]. **nonlinear** [SZW21]. **nonlinearity** [ZLS20]. **Nonparametric** [AFLP24, DHRvDL21, WBC23, KK24, MW20, PSCW20, WPS22, Ano24b]. **nonparametrics** [MCFB22]. **nonreversible** [LS23a]. **Nonsmooth** [HNS21]. **Nontestability** [Gun21]. **normal** [MS21]. **note** [JA20, Wie24]. **nuisance**

[CLC23, vdBRD21, vdBRD22]. **number** [CL22, Kon20, LD21, TZ22].

**Oaxaca** [CF24]. **object** [JGS24]. **object-valued** [JGS24]. **objects** [YY22]. **observational** [COF20, GR23, Ros20, RR23, SL24]. **observations** [SC22]. **observed** [ZYZ23]. **off** [KU24]. **off-line** [KU24]. **offs** [GHRB24]. **One** [RvdL24, BM24, COF20]. **one-sided** [COF20]. **One-step** [RvdL24]. **Online** [HLLH24, QLR23]. **operating** [AVH21]. **operators** [Mao20]. **Optimal** [Ano23b, Azr23, MCL21, VLZ23, WM21, WPS22, XX20, ZZ23, AL24, CHCK23, CLY23, GP22, He21, KBLM23, LWDL22, ZB22]. **optimality** [GLL24, KLY21, ZS22]. **optimization** [GD22]. **oracle** [NW21]. **Order** [CCZ24, LL21, YZ24]. **Order-based** [CCZ24]. **orders** [YZ23]. **other** [VLZ23, YYS22]. **outcome** [DDH$^+$23, KYW22, MSK$^+$20]. **outcomes** [CHCK23, QYK$^+$21a, YLYG23, ZTKW24, GRR21, KCB$^+$21, QYK$^+$21b, ZL21b].

**Page** [AK24]. **panel** [ZL21a]. **paradata** [DS21]. **parallel** [ZTKW24]. **parameter** [TCH23]. **parameters** [CLC23, DV21b, NDL20, RSR21, SZM21, vdBRD21, vdBRD22]. **parametric** [CV23]. **parsimonious** [ZZZ21]. **Partial** [ZOP22, MSP23, PK22, THT$^+$23]. **Particle** [Sen22, GD22, LW18, LW20, ST22b]. **partition** [PGDM20]. **Path** [RC20, MSK$^+$20]. **path-specific** [MSK$^+$20]. **penalized** [Hui21]. **penalty** [KF21]. **performance** [HZ22a, HZ22b]. **permutation** [SWU21]. **permutation-based** [SWU21]. **permuted** [MCL21]. **personalized** [ZZZ21]. **perspective** [FDS22, WCL21, YKN23]. **perturbation** [Kon20]. **phase** [HMZX21, Zha22a]. **phenomenon** [HMZX21]. **Phylogenetic** [WYCL24, WCL21]. **Pitman** [LPR20]. **plus** [XW24]. **point** [Ano24a, CG22, CMB24, JCD23, WBC23]. **Poisson** [JLM21]. **policies** [KU24]. **political** [JLM21]. **poorly** [LZL24]. **population** [CHCY24]. **Populations** [CFV24, JR24]. **positive** [LMP23]. **positive-definite** [LMP23]. **post** [RY23, VF20, WPS22]. **post-correction** [VF20]. **post-selection** [RY23, WPS22]. **Posterior** [JG21, LGL$^+$23, MDT$^+$24, SSLD20]. **posteriors** [VGLR22, vdBRD21, vdBRD22]. **potentially** [DV21b]. **Power** [BLD24, LH23, SDH22, Sug20, WJ22]. **powerful** [LKJR22]. **practical** [BDS22, WZ20]. **predicting** [MCFB22]. **prediction** [AVH21, AB24, Gua23, SK22]. **predictions** [DDH$^+$23]. **predictor** [LL21]. **predictors** [LXYY22]. **presence** [Mao22, MSK$^+$20, SWD23, WWM23, YHF21]. **principal** [CFV24, QLR23, YHF21]. **prior** [KF21, SK22]. **priors** [AFLP24, DRS23]. **probabilistic** [RHD23]. **probability** [HZ22a, HZ22b, YGT20]. **problem** [WX22]. **problems** [GYK23, HMvB21, MW20]. **procedure** [WWM23]. **procedures** [ZZ24b]. **process** [ALRZ23, DDB22, FDS22, LPR20, WBC23]. **processe** [Ano24a]. **processes** [BM24, CG22, CMB24, JCD23, PGDM20, SCMH22, YPC20, ZOP22]. **product** [MSP23, XX20, YXZ23]. **projections** [He21]. **Projective** [ZZ24a].

**Promises** [ZTKW24]. **Propensity** [RR23, NSI20, Tan20]. **properties** [AAR21, FK21, WZ20, ZD22]. **property** [RSR21]. **proportion** [WPTC20]. **proportional** [XZL23]. **proposal** [VLZ23]. **Proximal** [DST23, XL22]. **pseudo** [SDDP21]. **pseudo-marginal** [SDDP21].

**quadratic** [BZ21, MS22b]. **quadrature** [JA20]. **quantifying** [WPTC20]. **quantile** [MT21, PC22, QSS24, WM21, Zha21]. **quantile-matching** [MT21]. **quantiles** [KLY21, SL24]. **Quasi** [NW21, He21]. **quasi-optimal** [He21]. **Quasi-oracle** [NW21]. **quasilikelihood** [Hui21].

**random** [Azr23, BDS22, BPR20, BZ21, FDS22, Kon20, PRZ20, XX20, YY22]. **random-perturbation-based** [Kon20]. **randomization** [LKJR22, LTM23, WX22, WJ22, YYS22]. **randomized** [LD21, LY20, SL24]. **range** [AFLP24]. **rank** [CBM20, HP21, JLM21, Kon20, LH23, LH24, SCHL23, SDH22, WYCL24, YSY24]. **ranking** [MC22]. **rate** [BHRZ24, EBMVZ22, LRF21, ST22a, Zha22b, ZZC21]. **rate-adjusted** [Zha22b]. **rates** [BPBS21, MCL21]. **ratio** [AVCG20, DRBW23]. **ratios** [TCH23]. **reality** [ZYZ23]. **receiver** [AVH21]. **recurrent** [MPHF21]. **reduced** [JLM21, TCH23]. **reduced-rank** [JLM21]. **reduction** [Cap24, CBM20, GPR23b, YY22, ZLWL22, ZZZ21]. **regime** [CLY23]. **regimes** [CHCK23]. **regions** [BMS22]. **Regression** [LD21, LHW$^+$24, LY20, MFM23, ZD22, AG24, Ano23a, BKGF20, CBM20, CZ23, Che21, FY21, FDZ22, FN22, GP22, GZHL24, GB23, HNS21, HHLL23, HZ22c, LB24, LY21, LZF20, LZW23, PSCW20, QSS24, SB23, SSLD20, SZZ22, SLCF20, WM21, ZL21a, ZLS20, Zha21, ZYH22, ZYZ23]. **Regression-adjusted** [LY20]. **Regression-based** [ZD22]. **regularity** [KBW23b]. **regularization** [ZYH22]. **Regularized** [Tan20]. **reinforcement** [KU24]. **Rejoinder** [GGH$^+$21b, GM22b, LLZ20b, LWH23a, QYK$^+$21b, Säv24b]. **relational** [MFM23]. **relative** [HMF22, Mao22]. **relaxation** [DYND20]. **repeated** [SC22]. **replacement** [Säv22]. **representative** [KH24]. **rerandomization** [BLD24, LLLD23]. **resampling** [LWDL22]. **respondent** [GMR20]. **respondent-driven** [GMR20]. **Response** [HHLL23, KF21, SXG24]. **responses** [Wie24]. **restrictions** [ZC21]. **Retrospective** [LLJ$^+$24]. **ridge** [LZF20]. **Riemannian** [WBC23]. **right** [BKGF20]. **right-censoring** [BKGF20]. **Risk** [PC22, BKGF20, CY24, HNS21, MPHF21]. **risks** [RvdL24]. **Robust** [CHCY24, NSI20, Sug20, Wan23, AG24, Ano24c, BMS22, CT24, DFW20, LGL20, LSR$^+$22, WWM23, WYX24, XC22]. **robustness** [Wie24]. **role** [GR23]. **roots** [CCY22]. **rotated** [vdBRD21, vdBRD22]. **row** [Ano23b, ZZ23]. **row-column** [Ano23b, ZZ23]. **rule** [CHCY24].

**Sample** [THT$^+$23, BLD24, CCY22, CHCY24, CNS23, KLY21, MW20, SDDP21, SC24, WX22, YZ23, Zha22a]. **Sample-constrained** [THT$^+$23]. **sampler** [ST22b]. **samples** [SZM21]. **Sampling**

[GB23, GMR20, LLZ20a, SSLD20, YGT20, CKY20, GM20, LL20, LLZ20b]. **Sard** [SKN$^{+}$22]. **Scalable** [FDZ22, PRZ20, Pol24]. **Scalar** [FN22]. **Scalar-on-function** [FN22]. **scale** [DFBL22, GM22a, MS21, SSYL20, Ber22, GM22b, LEZK$^{+}$22, SJS$^{+}$22]. **scales** [HNS21]. **schemes** [GLS21]. **score** [CCZ24, GLL24, NSI20]. **score-driven** [GLL24]. **scores** [RR23, Tan20]. **search** [GLS21, ZB22]. **Searching** [LSR$^{+}$22]. **Second** [MBW24]. **sectional** [HDL20]. **Seeded** [KBLM23]. **segmentation** [KBLM23]. **segmented** [Che21]. **selecting** [HBM24, TX22]. **selection** [CBM20, DFBL22, GYK23, GS24, GLS21, KLY21, McC24, MZZ$^{+}$20, RY23, ST22a, SLCF20, SSYL20, SZM21, THT$^{+}$23, WPS22]. **Selective** [BHRZ24, CT24, GS24, Zha22b, Ano24c]. **selector** [HHLL23]. **Semi** [SKN$^{+}$22, ZB22]. **Semi-exact** [SKN$^{+}$22]. **semi-supervised** [ZB22]. **Semiparametric** [KBW23a, SLT23, YPC20, DV21a, DV22, GZHL24, HDL20, Mao20, MSK$^{+}$20, PK22, SLCF20, SZW21, YCG20, ZL21a]. **Sensitivity** [CTGS22, HP21]. **separability** [ZOP22]. **Separable** [MSP23]. **separated** [LB24]. **separating** [AATM24, Leu24, Säv24a, Säv24b]. **separation** [BGN$^{+}$20, He21]. **sequential** [AK24, HZ22a, HZ22b, LWDL22]. **serial** [JGS24]. **series** [AB24, DFW20, JGS24, Zha21, Zha22a]. **sets** [HBM24, SSR22]. **shape** [SCMH22]. **shared** [MLZ22]. **shift** [DFW20]. **shrinkage** [KF21, LDD20, SK22]. **sided** [COF20]. **sign** [MC22]. **signal** [XW24]. **signal-plus-noise** [XW24]. **signals** [WPS22]. **signed** [HP21, MB21]. **Significance** [MZ22]. **simple** [CNS23, ODM24]. **Simplified** [Woo20, Ano24d]. **simultaneous** [CBM20]. **single** [GB23]. **single-regression** [GB23]. **size** [BLD24, SCMH22]. **sketching** [AAR21]. **small** [MO21, Sug20]. **smooth** [MWP23]. **Smoothed** [LLFT22]. **smoothing** [MZZ$^{+}$20, SZM21]. **snippets** [LWZ21]. **Sobol** [BDS22]. **Sobol-MDA** [BDS22]. **Soft** [GYK23]. **solution** [BDS22]. **solutions** [AL24]. **source** [BGN$^{+}$20, BM24]. **sources** [WWM23]. **space** [CFV24, MLZ22, MZZ$^{+}$20, TX22, ZXZ22]. **space-filling** [MZZ$^{+}$20, TX22]. **spaces** [DRS23]. **Sparse** [PAJ22, YCG20, CBM20, JG21, LS23b, MO21, QLR23, WPS22, XL22]. **Spatial** [BGN$^{+}$20, DDB22, GPR$^{+}$23a, WBC23]. **specific** [MSK$^{+}$20, QSS24, RvdL24]. **Specification** [GT21, HNRC20]. **specifications** [ZD22]. **spectra** [CG22]. **Spectral** [GPR$^{+}$23a, Cap24]. **Spherical** [FI23]. **spline** [SZM21]. **splines** [MZZ$^{+}$20]. **Splitting** [RY23]. **squares** [Azr23]. **stage** [CHCK23]. **state** [AK24, YKN23]. **state-of-the-art** [YKN23]. **statement** [BHRZ24]. **statistic** [ZJB21]. **Statistical** [AAR21, LWH23b, SP24, SCMH22, Ano24a, CMB24, DNC22, FK21, GT21, GR23, HMvB21, ZDS$^{+}$20, LWH23a, ND23, SZ23, WWC23]. **statistics** [CLY23, Mau24, WL22, WWM23]. **status** [AVH21, LHW$^{+}$24]. **step** [RvdL24]. **steps** [CRRS21]. **stochastic** [FDS22, GD22, HLLH24, KU24, SSYL20]. **strategies** [BPBS21, RY23]. **Stratification** [LWDL22]. **stratified** [LY20, SL24]. **streamed** [LWH23a, LWH23b, ND23, SZ23, WWC23]. **structural**

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[SSR22] E. Smucler, F. Sapienza, and A. Rotnitzky. Efficient adjustment sets in causal graphical models with hidden variables. *Biometrika*, 109(1):49–65, March 2022. CODEN BIOKAX. ISSN 0006-3444 (print), 1464-3510 (electronic). URL `http://academic.oup.com/biomet/article/109/1/49/6174686`.

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[SSYL20] Qifan Song, Yan Sun, Mao Ye, and Faming Liang. Extended stochastic gradient Markov chain Monte Carlo for large-scale Bayesian variable selection. *Biometrika*, 107(4):997–??, December 2020. CODEN BIOKAX. ISSN 0006-3444 (print), 1464-3510 (electronic). URL `http://academic.oup.com/biomet/article-abstract/107/4/997/5871037`.

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