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Title word cross-reference

D [BMY20, HdBCAM21]. ℓ_1 [Hua20, LS22b]. ℓ_p [AFW22, WSB+23]. F [PLD21]. k [CGZ22b]. M [GLN20, LY20, RW20b]. n [SHSS+21]. p [BCL+23]. S [LGRG23]. U [BKS21, HXWP21].

-estimation [LGRG23]. **-estimator** [GLN20]. **-estimators** [LY20, RW20b]. **-means** [KKZ21]. **-norma** [LS22b]. **-optimal** [BMY20]. **-penalized** [Hua20]. **-regularized** [WSB+23]. **-statistic** [BKS21]. **-statistics** [HXWP21]. **-tests** [PLD21]. **-values** [BCL+23].

2876 [BGvZ21].

40 [BGvZ21].

acceptance [STG21]. **accuracies** [JS22]. **accuracy**

[Goo22, KRSW21, Zhi20]. **across** [HT23]. **action** [WQW23]. **activation** [Kut20, SH20a]. **acyclic** [RERS23]. **adaptable** [LAP+20]. **Adaptation** [FGKS21, CW22a, CW22b, PS22]. **Adaptive** [ALMM22, BBNW20, BNX22, CG21b, CCNT21, DW23a, GLCS20, HS21a, RCS21, SvZ20, AWS22, CW21, CW22a, CP22a, DP21, FGS21b, LH23, MM21, PHL20, RCSN22, TSY20, WGS+22]. **Adaptively** [BNR23]. **adaptivity** [JKL21]. **addition** [SM23]. **Additive** [JP20, JPV21, CP22a, GMW21]. **Adjusted** [ZA23, ZWH+20, ZGV22]. **admissibility** [DLY22, Str21]. **Admissible** [MS20, VWW22, DR21a, GHS21]. **adversarial** [BJ23, JS22, TY23]. **advisor** [vdGK21]. **Affine** [DP22]. **Affine-equivariant** [DP22]. **after** [Tia20]. **alarm** [Pol21]. **Algorithm** [ZCW22, CP22a, FGS21b, GZ22b]. **algorithmic** [ZJ23]. **algorithms** [BB21, BV20, BGL+20, DC23, Fan22, SWJ21, STG21, SL23]. **All-in-one** [DM22]. **Almost** [Cox20]. **alpha** [DDP21]. **alpha-divergence** [DDP21]. **alternatives** [PS20]. **AMP** [CFM23]. **analyses** [CCF21]. **Analysis** [JMM20, NLS21, SWJ21, AFWZ20, BSS20, BW23, CZ21, CLP21a, CvdP21, Cho20, DKA20, Dob20, JS22, PV20b, RSH20, RW20b, SO23, SHSS+21, SLY22, SWZ22, WSB+23, ZC23]. **Analytical** [LW20]. **Ann** [BGvZ21]. **application** [AR21, ALPW22, BCPW23, HYF23, KJJS20, KJJS22, LUZ21, LLM20, RY21, SG20, SMZ22]. **applications** [BZ21, BBNW20, BBSMW22, CBS20, CMW23, CP21a, CC23, CM22b, DZ23, EJ20, EB22, GSS22, HW21a, HLS22, LEV21, LWL21, VW21, ZCW22]. **approach** [BDH21, CZ21, Che22, DP21, DM23, DW23b, GKM21, HdBCAM21, PV20b]. **Approximate** [KYZ21, SS22, BJ22, JSLH23, MV21, Fan22]. **approximation** [Che21, DZ20a, Goo22, Kol22, Lop22]. **approximations** [AR20, CCKK22, DZ23]. **arbitrary** [VWW22]. **Archimax** [CFN20]. **ARFIMA** [HCCI22]. **armed** [CP22a, Cha20]. **array** [CT22]. **array-based** [CT22]. **arrays** [DDG21, HLS22, PWLL21, SM23]. **Assessment** [KS20, CFNP21]. **asset** [BCPW23]. **Assigning** [KPST23]. **assisted** [BGL+20, DQW20, Tan20]. **associated** [LZ22a]. **association** [HLM23]. **assumption** [BNR23, FGRS22]. **assumptions** [BG21, HJ20]. **asymmetrically** [CCF21]. **Asymmetry** [CCF21]. **Asymptotic** [BB21, Bha20, CVFL22, DR21b, GFLS21, Goo22, Hua20, HS21b, KJJS20, LHY20, QLY23, RS20b, SW07, SWZ22, ZZPZ22, KLR+20, KZ21, LEV21, LS22b, SWFD21, KJJS22, ZSW22]. **Asymptotically** [HXWP21, FY23, KB22, Pol21]. **Asymptotics** [CM21, HSS22, Han23, Li22, LW22, LSW21, YZZ22]. **Augmented** [HW21b]. **autocovariance** [BS23a]. **autoregression** [AF23]. **autoregressions** [CM21]. **autoregressive** [GKM21, WT23, DZ23]. **auxiliary** [CCZ22]. **Average** [SAH21, LL22, LQW+22, PMM+20, YNB+22]. **average-case** [PMM+20]. **Averages** [KLR+20]. **averaging** [DS21, KBW20].

Backfitting [GHO22]. **backward** [DC23, LSV20]. **balancing** [WQW23].

balls [HJWW20, MM21]. **Banach** [DKA20]. **bandable** [LR20b]. **bandit** [Cha20]. **bandits** [CP22a]. **bands** [DW23b, PLD21]. **barriers** [CM22a, SW22]. **based** [ALMM22, Bha20, BDH21, CFF20, Cha22b, CT22, DDP21, Dob22, GKM21, LEV21, LY20, LS22a, MPW23, OQC22, RGvdL22, ZD22, ZZYS20, ZS20]. **basis** [BCCP23]. **Batch** [LQW+22]. **Bayes** [ADXR20, BB20, BG20, CR20, DR21a, GvdVZ20, HKSW21, MS20, MJ22]. **Bayes-like** [BB20]. **Bayesian** [AD22, BSS20, CvdP21, CR21, CLP21b, DRR20, GKM21, GR22, Kle21, Li22, MNP21, PR22, RvdV20, RSH20, RvdP20, RS20b, WG23, ZC23]. **Beginning** [EG21]. **behavior** [KLR+20]. **benefits** [KM21a]. **Berry** [Zhi20]. **best** [WWM20]. **Betti** [RKP23]. **between** [BB21, CGK22, DDB20, HLM23]. **Beyond** [AL21, DZ20a, PS20, BCRT23, CC23]. **Bias** [KZ21, DSH23]. **bias-variance** [DSH23]. **binary** [FNZ22, LUZ21]. **binomial** [SHSS+21]. **biomarker** [HS22]. **bit** [DMR22]. **bivariate** [Efr22, MPW20]. **block** [BZ23b, HZ20, KW22, XJL20, ZLN22, ZA23, ZVB21, SPY20]. **blocks** [ZVB21]. **Board** [Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f]. **Boosted** [LCI21]. **boosting** [LS22b]. **Bootstrap** [DZ20a, Hid21, Kol22, LY20, CZ20, CCKK22, HL20, IM21, Lop22, MPK20, ZP22, Zhi20]. **Bootstrapping** [LLM20, RKP23]. **boundary** [EB22, RSH20, SM20]. **bounded** [CG21b]. **Bounds** [YNB+22, BNR20, DSH23, GLCS20, JSLH23, KR20, OQC22, OvdG21, RW20a]. **breaker** [LO23]. **Breaking** [MWW23]. **Bregman** [BFL21, SWJ21]. **bridge** [WWM20]. **Bridging** [CFMY21, DDB20, FMM23]. **broad** [CT22]. **bulk** [FSW21].

calculations [BBSMW22]. **calibrated** [Tan20]. **Calibration** [VW21, FL22]. **can** [LR20a]. **Canonical** [AV23, SF22, SS20]. **Carlo** [AL21, DMS20, FT23, HBDD20, KJJS20, KJJS22, MMS23]. **CART** [CR21, CC23]. **Carving** [Pan23]. **case** [PMM+20]. **Causal** [GMPE21, BFPM21, IM21, KS20, KBG20, RvdV20, ZD22]. **censored** [DQW20, Efr22, HPTZ22, TYZ20]. **censoring** [Efr21]. **Central** [LWL21, Lop22, CCKK22]. **chain** [BS23a]. **chains** [ALPW22, DDB20, Kol22, SPY20]. **change** [CNYY21, DM20, FLS20, HKW21, LGS21, VFLRB23, WYR21, WZVS22, ZWL20]. **change-point** [CNYY21, DM20, FLS20, VFLRB23]. **change-points** [ZWL20]. **changing** [Dre23]. **characteristic** [TCPS23]. **characterization** [KLR+20, LO23]. **Characterizing** [BKRS23]. **Charles** [EG21, Str21]. **charts** [Pol21]. **chi** [ZA23]. **chi-square** [ZA23]. **choice** [MBR21]. **Cholesky** [LR20b]. **Choosing** [CGK22]. **class** [BSS20, CT22, GX20, WZL22]. **classes** [ZC23]. **Classification** [KRSW21, CW21, CBS20, HS22, JS22]. **classifier** [CW21]. **classifiers** [LS22b]. **classifying** [KBG20]. **closed** [GHS21]. **CLT** [LHBS23, SMZ22]. **cluster** [Leu22]. **cluster-randomized** [Leu22]. **Clustering** [SPY20, AFW22, AR21, ADXR20, BBNW20, BFL21, BGL+20, GM22, KKZ21, LZZ21, LZ22b]. **co** [BJ22]. **co-sufficient** [BJ22]. **coefficients**

[GW22]. **Cointegration** [BG22]. **columns** [MWY23]. **combination** [HS22, VW21]. **combinatorial** [MW22]. **communication** [SvZ20, SVvZ23]. **Community** [JLLX21, YQ21, CLM22, PC20, XJL20, YLFS22, ZZ20]. **compact** [KB22]. **compare** [DK22]. **Comparison** [ALPW22]. **comparisons** [CGZ22a, MW22, PMM+20]. **compatibility** [BS23c]. **complementary** [GW22]. **Completely** [BS23c]. **completion** [WP22, XYZ21]. **Complex** [HW21a]. **Complexity** [ZC23, MMS23, MN20, YZZ22]. **compliers** [KBG20]. **component** [Nda22, PRV20, SO23]. **components** [BDWW22, DY21, FSW21, KLN20, KM21b, MK21a]. **compound** [RSH20]. **computation** [PS22]. **Computational** [HMR23, SW22, SS22, CW20, HWZ22, LZ22b, LX23, ZZ20]. **computationally** [XYZ21]. **concave** [FGKS21, HS21b]. **Concentration** [AR20, AR21, SS20, PV20a, RvdP20]. **Concordance** [SSL21]. **Conditional** [FT23, FL22, SL23, AC21, BJ22, BFR23, CPH23, GSUC21, HHPS20, KNBW22, LSV20, LS22a, NBW21, SP20, YNB+22]. **conditioning** [HJ20]. **conditions** [KB22, Lah21, LY20, RCSN22]. **Confidence** [DHZ21, EB22, BPS20, BNR20, DW23b, FLS20, HRMS21, LY20, PLD21]. **Conformal** [BCRT23, BCL+23]. **confounding** [GCB22, YNB+22]. **conjunctions** [KS20]. **connected** [KL21]. **connections** [BS23c]. **connectivity** [YQ21]. **consequences** [KMW20]. **Consistency** [Dob22, GS22, PR22, AY23, GKM21, HKSW21, JT21, Lah21, SS20]. **Consistent** [BCCG21, EJ20, HCCI22, ZWL20, DHS20, PC20, SHDH22]. **constancy** [SWFD21]. **constant** [DDB20, GHZ20]. **constrained** [BS23a, HS22, RW20b, dÁLM21]. **constraints** [HSS22, Han23, PTW21, RS20a, SvZ20, SVvZ23, XS21]. **Construction** [PWLL21, HLS22]. **Contents** [Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l]. **Continuous** [RGvdL22, DKA20, SO23]. **Continuous-time** [RGvdL22, SO23]. **continuum** [CP22a]. **continuum-armed** [CP22a]. **contributions** [FS21, Str21]. **control** [CCZ22, FLS20, FL22, MM21, Pol21, RV22]. **Controlled** [HBDD20]. **controlling** [GHS21]. **Convergence** [WN22, XYY20, ZG20, ZW21, BB21, BE22, CWZ21, CW22b, CFM23, CPT23, CM22b, DHK+20, HS21b, KL21, RS20a]. **convex** [BZ23a, CZ21, CM22a, CFMY21, HSS22, Han23, LZ22a, PTW21]. **convexity** [CFM23, Cox20, JMM20]. **copula** [GKV+22, ZGV22]. **copulas** [CFN20, ES21]. **corrected** [ZA23]. **Correction** [BGvZ21, FZ21, LBvdL21, ZSW22]. **correlated** [DD23, DGR23]. **correlation** [GFLS21, HY22, LWL21, XY20]. **correlation-free** [XY20]. **correlations** [DHS20]. **corroboration** [KS20]. **cost** [CWZ21, CW22b]. **count** [CL22]. **Coupled** [LSV20]. **coupling** [JLL21]. **Covariance** [DMR22, AMR20, BD20, BDWW22, BSS20, CHP20, CP22b, CQZ23, DY21, DKH21, GLN20, HW20, LW20, LHY20, Li22, LHBS23, LSW21, LGRG23, MZ20, Mou22, QLY23, RW23, SP20, WP22, XYY20, ZW21, ZZPZ22]. **covariate** [KM21a, LH23, MPW23, WL22]. **covariate-adaptive** [LH23].

covariate-shift [KM21a]. **covariates** [LCI21, LH23, WL22]. **Coverage** [CG21a, WG23, RS20b]. **Cox** [ZMW22]. **Cramér** [GSS22]. **Cramér-type** [GSS22]. **credible** [CG21a, RS20b, WG23]. **criteria** [CT22, SSL21]. **criterion** [BDSW22]. **criticism** [DK22]. **cross** [CC23, CLC21b, FJLX22]. **cross-sectional** [FJLX22]. **cross-validated** [CLC21b]. **cross-validation** [CC23]. **crossed** [GHO22]. **CrowdSourcing** [PCV23]. **Cube** [BE22]. **cure** [BEPV22, PV20b]. **current** [Efr21]. **curse** [MWW23]. **curved** [SS20]. **curves** [PLD21, TCPS23]. **cycles** [BFPM21].

DAG [ZC23]. **data** [CLC+21a, CP21a, CPT23, CFMY21, CP21b, Che22, CL22, DSUC23, DKA20, DQW20, DM23, ES21, EH23, FWZ21, FNL20, FJLX22, HS21a, KL20, LS22a, LM21a, LLM20, MWY23, MP23, MK21b, RW23, RCSN22, SLY22, Tan20, TYZ20, WZVS22, WZL22, YSK21, ZWH+20, dRdCMP21]. **data-adaptive** [RCSN22]. **datasets** [Cha22a]. **debias** [XZZ22]. **Debiased** [YSK21, GCB22]. **Debiasing** [BZ23a, ZP22]. **decay** [LLM20]. **decision** [AO22a, CG21b, HW23, LQW+22, SSL21, YZZ22]. **decomposition** [JLLX21]. **Deconvolution** [GLL22, BG21]. **Deep** [JSLH23, ZMW22, KL21, Kut20, SH20a]. **degree** [SW22, ZA23]. **degree-corrected** [ZA23]. **delayed** [STG21]. **delayed-acceptance** [STG21]. **denoised** [WY20]. **denoising** [BDW21, CC23, FGS21a, GLCS20, SG20]. **dense** [XM23]. **densities** [KK20, NWB22, SG20]. **Density** [BG21, BE22, BFR23, Efr22, FGKS21, HT23, MJ22, PLD21, RCSN22, XS21, ZW21]. **dependence** [AC21, CLP21b, Dre23, EFdH+22, FL22, LEV21, SWFD21, Vel22, VWW22, ZZYS20]. **dependent** [CLP21a, DSUC23, GSS22, Ing20, LCI21, Pol21, YQ21, ZLN22, dRdCMP21]. **derivatives** [LL22]. **descent** [CLTZ20, DDP21, DDB20, ZS22]. **Design** [DLY22, HLS22, LFR21, PMM+20, SGWH20, ZD22]. **design-based** [ZD22]. **Designs** [JPV20, BMY20, CMW23, CT22, HW21a, KYZ21, Leu22, LO23, TX21, WM21]. **Detecting** [WGS+22]. **detection** [BM22, Bha20, CW20, CLM22, DM20, EKJ20, JLLX21, LGS21, PC20, VFLRB23, WYR21, YQ21, ZZ20]. **deviation** [ERV20, GSS22]. **deviations** [BDH21]. **difference** [Cha22b, SMZ22]. **difference-based** [Cha22b]. **differences** [DK22]. **differential** [CWZ21, CGC20, LBY23, RS20a]. **Differentially** [AMBL23, BRS23]. **diffusions** [AWS22, GR22, NR20]. **Dimension** [LS22a, DQW20, FGRS22, FNZ22, GMMM21, HdBCAM21, HS21a, KLYL20, LL22, ZZYS20]. **dimensional** [BDP23, BZ21, BCPW23, BV20, BW23, BFZ22, CZ21, CS20, CM22a, CP21a, CQZ23, CVFL22, DDP21, DZ20b, DQW20, DM23, DWYZ23, DHS20, FWZ21, FLY23, FNL20, FJLX22, GZ22a, GFLS21, GW22, GLP20, GMW21, GCB22, HW20, HSS22, HMRT22, HXWP21, Ing20, JZLM23, JO20, Kol22, LW20, LWL21, LS22b, LGS21, LHBS23, NR20, SF22, SVvZ23, Tan20, WS20, WZVS22, WT23, XS21, XY20, ZW21, ZC23]. **dimensions** [CCKK22, CLC21b, FT23, Han21, Han23, HS23, Lah21, LLHL21, LLM20,

Lop22, MBR21]. **diminishing** [WL22]. **directed** [RERS23]. **directions** [PRV20]. **disclosure** [CFNP21]. **discovery** [CCZ22, FL22, GLP20, GMPE21, GHS21, KR20, RV22]. **discrete** [GZ22b, HMR23, MBR21, SO23]. **discrete-time** [SO23]. **discriminant** [BW23, CZ21]. **discriminators** [MBR21]. **Discussion** [Kut20]. **disjoint** [BZ23b]. **Dispersal** [HT23]. **displacement** [JMM20]. **Distance** [ZZYS20, BBSMW22, CLP21b, ERV20, GFLS21, NWB22]. **Distance-based** [ZZYS20]. **Distributed** [CW22a, CW22b, CP21b, DS21, SvZ20, SVvZ23]. **Distribution** [HdBCAM21, XY20, BDW21, BG21, BB21, BSS20, Bha20, DW23b, Efr21, GLL22, HZ20, LHY20, MM21, Mur21, RV22, SHDH22, TY23, XYY20]. **distribution-free** [SHDH22]. **distributionally** [DN21]. **distributions** [AO22b, AV23, BBSMW22, GFLS21, HY22, HKW21, KKZ21, Lei21, MS20, PR22, PHL20, ZG20]. **divergence** [DDP21]. **divergent** [CHP20]. **diverging** [LHBS23, TYZ20, WL22]. **document** [BBSMW22]. **documents** [KPST23]. **domain** [AvD20, Hid21, Li22, LSW21, MPK20, RY21]. **Donoho** [BKRS23]. **Double** [DQW20]. **Double-slicing** [DQW20]. **Doubly** [GCB22]. **drift** [AWS22, CGC20, NR20]. **driven** [CHHW21, LLSS21]. **dyadic** [CC23]. **dynamic** [OQC22, WYR21]. **dynamical** [MN20].

E-values [VW21]. **edges** [AMR20]. **Edgeworth** [KK20, ZX22, Zhi22]. **Edgeworth-type** [Zhi22]. **Editorial** [Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f]. **effect** [CDRV21, JPV20, LW22, MH22, SM23, YNB+22]. **effects** [GHO22, KBG20, KYZ21, SAH21, Tan20]. **Efficiency** [FY23, STG21, KZ21]. **Efficient** [BS23a, BS23b, HLM23, KLN20, vdVW21, Cha20, XYZ21]. **Eigenvalue** [CCF21, CHP20, QLY23]. **eigenvalues** [CHP20, HY22, LHY20, ZZPZ22]. **eigenvector** [AFWZ20, CCF21, XYY20]. **elaborate** [KS20]. **elbows** [BRS23]. **elicitability** [FZ16, FZ21]. **ellipsoids** [ZS22]. **Empirical** [BG20, DDG21, ES21, MN20, BE22, BFR23, BEV20, CR20, CLvdG22, Han21, TYZ20, XYY20]. **energy** [CFM23]. **enrichment** [LFR21]. **entire** [FGS21a]. **entries** [XYZ21]. **entropic** [BB21, BNR23]. **entropy** [BFR23, HJWW20]. **Entrywise** [AFWZ20]. **enumerator** [TX21]. **Envelope** [ZS20]. **Envelope-based** [ZS20]. **equations** [CGC20, TYZ20]. **equivalence** [GM22, MH20, ZC23]. **equivariant** [DP22, MS20]. **ergodicity** [DMS20]. **Erratum** [KJJS22]. **error** [GZ22a, JZLM23, JSLH23, OQC22, RW20a, Tia20]. **errors** [BG21, JPV22, KP22]. **Esseen** [Zhi20]. **estimate** [CS20]. **estimates** [KL21, MJ22, ZW21]. **Estimating** [CDRV21, GZ22a, MK21a, BGvZ12, BGvZ21, JPV20, RCSN22, TYZ20]. **Estimation** [DZ20c, DK21, KZ21, Kol22, KM21b, MP23, MV21, PCV23, TCPS23, Vel22, ABL23, AWS22, BCCP23, BDP23, BB20, BZ23a, BS23b, BDM22, BFR23, BBNW20, BNX22, BBSMW22, BCCG21, BRS23, CWZ21, CLC+21a, CW22a, CW22b, CNYY21, CG21b, CL22, CCNT21, CGC20,

DL22, DMR22, DRR20, DWYZ23, Efr21, Efr22, EJ20, FLS20, FGKS21, FNZ22, GHZ20, GM20, GSUC21, GLN20, Goo22, HJWW20, HWZ22, HPTZ22, HW21b, HT23, Hop20, HLM23, HR21, KLN20, KP22, LN22, LEV21, LW22, LR20b, LSW21, LGRG23, LM21b, LX23, MPW20, MS20, MZ20, MK21b, NWB22, OW21, PMM+20, RY21, RGvdL22, SW22, SH20b, SGWH20, Tan20, TSY20, TY23, WT23, WY20, XJL20, XS21, vdVW21]. **estimator** [DM22, GLN20, Hua20, MWW23, SG20, WWM20, YSK21, ZS22]. **estimators** [BZ23a, BE22, BDH21, CFF20, Cha22b, FY23, HZ20, HS23, HS21b, LY20, MMS23, RW20b, SMZ22]. **Euclidean** [CP21a, JPV21]. **Euler** [TCPS23]. **evaluation** [HW23]. **events** [EFdH+22]. **Evidence** [ZLSK22, KS20]. **Exact** [BV20, DGR23, Han23, Mou22, KYZ21]. **exchangeability** [BCRT23]. **exchangeable** [DDG21, WN22]. **Existence** [DKH21, CS20]. **expansion** [BCCP23, KK20]. **expansions** [ZX22, Zhi22]. **expected** [AFWZ20, TCPS23]. **expectile** [GSUC21]. **experiments** [DLY22, LH23, ZD22]. **exponential** [KMW20, LUZ21, LZ22a, SS20]. **exponential-family** [SS20]. **extended** [DR21a, HS21b]. **Extending** [MPK20]. **extension** [BEPV22]. **extensions** [FGS21a]. **extent** [KS20]. **extraction** [CP21a]. **extrema** [CM22b]. **extremal** [DSUC23]. **Extreme** [EH23, GSUC21, Dre23, EFdH+22, LHY20]. **extremes** [LEV21, REZ23, ZVB21].

Factor [LLSS21, BBNW20, BW23, Dob20, FMM23, LR20b]. **Factor-driven** [LLSS21]. **factorial** [TX21]. **factorization** [PC20]. **factors** [KS20, YNB+22, ZLSK22]. **fair** [AO22a]. **fairness** [CS22]. **False** [FLS20, RV22, BNR20, CCZ22, FL22, GHS21, KR20, Pol21]. **families** [BNR20, KMW20, LUZ21, LZ22a]. **family** [SS20]. **far** [AD22]. **feasible** [Cha22a]. **feature** [CP21a]. **field** [ZZ20]. **fields** [KB22, LSW21, NR20, TCPS23]. **filling** [CT22]. **filter** [LSV20]. **filtering** [CC23, GLCS20, WGS+22]. **filters** [CSSV22]. **Finetti** [WN22]. **Finite** [MMS23, AD22, KM21b, MK21a, Zhi22]. **Finite-sample** [MMS23]. **fit** [BJ22]. **fixed** [Li22, LSW21]. **fixed-domain** [Li22, LSW21]. **flat** [BATU23]. **flats** [WM21]. **flexible** [HLS22]. **forests** [CVFL22, MGS20, RvdP20]. **formal** [KK20]. **Foundations** [BFPM21]. **fourth** [BDM22]. **fourth-moment** [BDM22]. **fractional** [DK21, MP23, TX21]. **Frame** [dÁLM21]. **Frame-constrained** [dÁLM21]. **framework** [Cha22b, CC23, CS22, GvdVZ20, HWZ22, PHL20]. **Fréchet** [BM23, CM22b, DM20, LL22, LM21a, MH22, PLD21]. **free** [CFM23, FLY23, HK22, KBB+20, Pan23, SHDH22, XY20]. **frequency** [AvD20, Cho20, DK22, Hid21, MPK20, MP23, RY21, RW23, SWZ22]. **Frequentist** [Kle21, RS20b]. **full** [CGZ22a]. **fully** [KL21, SHDH22]. **function** [BCCP23, BGvZ12, BGvZ21, CW22b, Kut20, SH20a, SH20b]. **Functional** [DKA20, LL22, AvD20, BS23b, BRS23, CM21, ES21, KL20, LS22a, LLM20, SLY22]. **functionals** [KLN20, KZ21, Kol22]. **functions** [AMR20, CG21b, DKA20, DW23b, GH21, HdBCAM21, LSW21, WC20].

Fundamental [CM22a, EKJ20]. **Fuse** [MK21a].

GANS [BCST20]. **gap** [DDB20]. **Garza** [DLY22]. **Gaussian** [BATU23, CW22a, CMW23, DM22, DZ20a, DL22, DWYZ23, FGRS22, GIKM22, HSS22, Hop20, JT21, Kol22, Li22, LZZ21, LSW21, LX23, MNP21, Mur21, Nda22, RY21, SG20, WY20, ZLN22]. **Gaussian-subordinated** [ZLN22]. **genealogies** [KJJS20, KJJS22]. **General** [Cha22a, BG21, CMW23, Cha22b, FSW21, GvdVZ20, GSS22, Han21, LO23, MWY23, MPK20, PV20b, QLY23, TYZ20]. **generalised** [SP20]. **Generalization** [OQC22, LAP$^+$20, MZ22]. **generalize** [LR20a]. **Generalized** [ZJS22, ALS23, FGS21b, HWZ22, LHY20, SWJ21, TYZ20]. **generalizing** [KBG20]. **Geometric** [KLR$^+$20, Bha20, CP21a, DMS20]. **Geometrizing** [RS20a]. **geometry** [Eva20]. **Gibbs** [BCCP23, SM20]. **Global** [CLM22, CPT23, Cox20, Han21]. **go** [NLS21]. **goodness** [BJ22]. **goodness-of-fit** [BJ22]. **gradient** [CLTZ20, DDP21, DDB20, ZS22]. **gradient-based** [DDP21]. **gradually** [BDH21]. **graph** [Lei21, LW22]. **Graphical** [BR23, Che22, LZ22a]. **graphons** [ALS23]. **graphs** [AMR20, Bha20, BCCG21, Che22, DZ20b, DD23, GGCvL20, MH20, RERS23, SS20, XM23]. **GRID** [GLP20]. **group** [BMNT23, MK21a]. **Grouped** [HMR23]. **Groups** [MW22, AO22b, JPV22]. **growing** [MBR21]. **guarantees** [CPT23, MNP21, ZZ20, Zhi22].

Half [BDSW22]. **Half-trek** [BDSW22]. **Hamiltonian** [DMS20]. **hardness** [SP20]. **Hardy** [FGS21a]. **Hawkes** [CL22, DRR20]. **hazards** [CLP21a, LCI21]. **HC** [PS20]. **heavy** [BCCG21, DSUC23, FWZ21, GSUC21, GMPE21, HY22, KP22]. **heavy-tailed** [BCCG21, DSUC23, FWZ21, GSUC21, GMPE21, HY22, KP22]. **helps** [CW22a, CCF21]. **heterogeneous** [EH23]. **heteroscedastic** [GSUC21, KP22]. **Heteroskedastic** [ZCW22]. **hidden** [BNX22, GCB22]. **hierarchically** [CLP21a]. **hierarchy** [AO22a]. **High** [BCPW23, Cho20, DHS20, FWZ21, GCB22, HSS22, XS21, BDP23, BZ21, BV20, BW23, BFZ22, CZ21, CS20, CM22a, CP21a, CQZ23, CCKK22, CLC21b, CVFL22, DQW20, DM23, DWYZ23, FLY23, FNL20, FGRS22, FJLX22, FNZ22, FT23, GZ22a, GFLS21, GW22, GMMM21, GLP20, GMW21, HW20, Han23, HS23, HMRT22, HXWP21, Ing20, JZLM23, JO20, KR20, Kol22, Lah21, LS22b, LLHL21, LGS21, LLM20, Lop22, MP23, PV20a, PWLL21, RW23, SF22, SVvZ23, Tan20, WS20, WZVS22, WT23, XY20, ZW21, ZC23, ZZYS20]. **High-dimensional** [BCPW23, DHS20, FWZ21, GCB22, HSS22, XS21, BDP23, BZ21, BV20, BW23, BFZ22, CZ21, CS20, CM22a, CP21a, CQZ23, CVFL22, DQW20, DM23, DWYZ23, FLY23, FNL20, FJLX22, GZ22a, GFLS21, GW22, GMW21, HMRT22, HXWP21, Ing20, JZLM23, JO20, Kol22, LS22b, LGS21, SF22, SVvZ23, Tan20, WS20, WZVS22, WT23, XY20, ZW21, ZC23].

High-frequency [Cho20, MP23, RW23]. **high-probability** [KR20]. **Higher** [DK22, FZ16, OvdG21, FZ21]. **Hilbertian** [JP20]. **hoc** [BNR20]. **Hotelling** [LAP+20]. **HSIC** [ALMM22]. **Hunt** [EG21]. **Hurst** [SH20b]. **hypergraphs** [YLFS22]. **hypersphere** [KP23]. **Hypothesis** [JZLM23, WS20, AV23, CMW23, FZP20, GGCvL20, KS20].

i.i.d [BNR23, CGC20]. **Identifiability** [ADXR20, BDSW22, GX20, PRV20]. **ignorability** [HW23]. **image** [SM20]. **imbalance** [WL22]. **impacts** [LH23]. **importance** [DP21]. **Improved** [CCKK22]. **imputed** [Cha22a]. **incomplete** [CLC+21a]. **independence** [ALMM22, BJ22, BKS21, CPH23, DHS20, FJLX22, KNBW22, LEV21, MH20, NBW21, SP20, SHDH22, ZZPZ22]. **independent** [DZ20a, HXWP21, MWY23, Pol21, SO23]. **index** [BM23]. **individualized** [CLM22, FNZ22]. **inequalities** [ALPW22, Zhi20]. **Inference** [CFN20, CHLZ23, DSUC23, HHPS20, LFR21, PV20a, RW23, WZVS22, XZZ22, XM23, AMBL23, BDWW22, BCS20, BCRT21, BZ21, BS23a, BEV20, CZ20, CLTZ20, CP21b, CHHW21, DZ20c, DZ23, Dre23, DK21, DP22, EH23, GFLS21, GH21, GR22, GMW21, GCB22, HYF23, HPTZ22, KLYL20, KW22, KBB+20, LBvdL21, NR20, PR22, PTW21, Pan23, RvdV20, SWZ22, SL23, SM20, Tan20, WC20, ZZ20, ZWH+20, ZJ23]. **inferences** [ZD22]. **Infinite** [DDP21]. **Infinite-dimensional** [DDP21]. **infinity** [AD22]. **information** [CCZ22, EB22, SSL21]. **informative** [CSSV22]. **inhomogeneous** [CLM22, GGCvL20]. **instrumental** [ZLSK22]. **instruments** [KBG20]. **integral** [DM23]. **integrated** [GKV+22]. **Integrative** [PTW21]. **intensity** [SMZ22]. **interacting** [KJJS20, KJJS22]. **interaction** [BCCP23]. **Interactive** [BRS23, CW22a]. **interference** [JPV20, Leu22, LW22, SAH21]. **interpolate** [LR20a]. **interpolated** [LS22b]. **interpolation** [HMRT22, MZ22]. **interpolators** [CLvdG22]. **interval** [BZ23a]. **intervals** [BPS20, CG21a, DHZ21, WG23]. **intervention** [RGvdL22]. **intervention-specific** [RGvdL22]. **Intrinsic** [SLY22, HS21a]. **invalid** [ZLSK22]. **invariance** [Dob22, EG21]. **invariance-based** [Dob22]. **invariant** [AO22b, Fan22, GIKM22]. **inverse** [Han23, LLHL21, MWW23, MNP21, YSK21]. **inverse-variance** [YSK21]. **Irreducibility** [DMS20]. **Ising** [BK20, GM20, XM23]. **Isotonic** [DZ20b, PS22, DHZ21, FGS21a, GHZ20, HZ20, MPW20, WG23]. **Isotropic** [AMR20, LSW21]. **Iterative** [GZ22b, CPT23].

jackknife [BCRT21]. **Joint** [GM20, LHY20]. **Just** [LR20a].

Kendall [LWL21]. **Kernel** [LR20a, AR21, SS22]. **kernels** [WP22]. **Kesten** [ALS23]. **knockoffs** [BCS20, HJ20, SJ22, WSB+23]. **Krause** [FGS21a]. **Kronecker** [DKH21].

labels [KM21a]. **LAGO** [NLS21]. **Large** [CFF20, KW22, BG22, CCZ22, DK22, GHO22, HTYZ20, HYF23, LW20,

LHY20, LWL21, LR20b, LHBS23, ZZPZ22]. **large-dimensional** [LW20, LHBS23]. **Large-scale** [KW22, HTYZ20]. **largest** [CHP20]. **Lasso** [CMW23, GCB22, CHHW21, Lah21, CLC21b, MM21]. **LASSO-driven** [CHHW21]. **latent** [BDSW22, BCPW23, BW23, BFPM21, GX20, SS23, WN22, WZL22]. **latent-class** [WZL22]. **law** [EH23]. **laws** [CHP20]. **layer** [JMM20, PC20]. **layers** [GMMM21]. **lazy** [MZ22]. **learn** [NLS21]. **learn-as-you-go** [NLS21]. **learnable** [SS23]. **Learning** [ALS23, BK20, DM23, DN21, MW22, ABL23, CW21, CBS20, DW23a, FS23, HS21a, HK22, LL20, LQW+22, NIS+21, OQC22, RCS21, SWJ21, WQW23, ZMW22, ZC23]. **least** [HMRT22, KP22, Mou22, OvdG21, ZS20]. **lengths** [Pol21]. **level** [BE22, RCSN22, WM21]. **Lie** [JPV22]. **lifetimes** [Efr22]. **like** [BB20]. **Likelihood** [BM22, BBSMW22, BEV20, BMNT23, CS20, EJ20, GH21, GKM21, Goo22, HSS22, RY21, SG20, TYZ20]. **Limit** [AO22b, HZ20, KMW20, BATU23, BKRS23, CCKK22, HW21a, LWL21, Lop22, LX23]. **Limiting** [CHP20, HY22]. **limits** [CW20, EKJ20, Kle21, LZ22b]. **Linear** [HS22, BM22, BZ23a, BFZ22, DL22, DS21, FSW21, FGS21b, GZ22a, GvdVZ20, GW22, Han23, HW21b, HS21b, Ing20, KB22, KLN20, KBB+20, LWL21, LGRG23, Mou22, MBR21, SF22, ZZPZ22, ZMW22]. **Linearized** [GMMM21]. **linearly** [DLS20]. **Lipschitz** [HJWW20]. **Local** [BDP23, CBS20, CFM23, HTYZ20, KNBW22, CM22b, CPH23, Eva20, LBY23, MH20, RS20a]. **localization** [VFLRB23, WYR21]. **Locally** [LZ22a, BRS23, FY23, ZW21]. **locating** [CM22b]. **location** [BGvZ12, BGvZ21, DWYZ23, DP22, MS20, PV20a, SG20]. **log** [FGKS21]. **log-concave** [FGKS21]. **logistic** [BMY20, CS20, HTYZ20]. **long** [BDP23, Hid21, ZLN22]. **long-range** [ZLN22]. **long-run** [BDP23]. **longitudinal** [FNL20, SLY22, WZL22]. **loss** [RGvdL22]. **loss-based** [RGvdL22]. **losses** [TY23]. **low** [AFWZ20, CCF21, CHLZ23, DM23, FWZ21, HS21a, LX23, MV21, SW22, XYZ21, XZZ22]. **low-degree** [SW22]. **low-dimensional** [DM23]. **low-rank** [CCF21, CHLZ23, FWZ21, LX23, MV21, XZZ22]. **lower** [DSH23, Mou22]. **LSS** [LHBS23]. **lunch** [HK22].

machine [LL20]. **machines** [HS21a]. **make** [BK20]. **manifolds** [JSLH23]. **many** [Pol21]. **maps** [HR21]. **Marginal** [KM21a, ALPW22]. **marginalized** [MH20]. **Markov** [SPY20, ALPW22, BS23a, DDB20, FZP20, HW23, LQW+22, MH20, RERS23, YZZ22]. **Markovian** [AL21]. **massive** [CP21b]. **Matching** [DD23]. **Matérn** [LSW21]. **matrices** [AFWZ20, AR21, BDP23, BDWW22, CHP20, CLC+21a, CCF21, DZ20c, DY21, Fan22, HW20, HY22, LW20, LWL21, LR20b, LHBS23, LGRG23, MPW20, MWY23, MV21, Mou22, RW23, XYY20, ZZPZ22]. **matrix** [BM22, BDW21, BSS20, CW20, FWZ21, LHY20, PC20, QLY23]. **Max** [FJLX22, LLM20, PR22]. **max-stable** [PR22]. **Max-sum** [FJLX22]. **maxima** [BZ23b, DZ20a, DHS20]. **maximal** [HLM23, RW23]. **maximum**

[BGvZ12, BGvZ21, CS20, EJ20, Goo22, SG20]. **MCMC** [ALPW22, PHL20]. **Mean** [Hop20, BDH21, CW22a, DM22, DL22, GSS22, LBvdL21, LM21b, RGvdL22, ZZ20]. **means** [KKZ21, LL20, MH22, XY20]. **measure** [AC21, HdBCAM21, SP20, WN22]. **measurement** [BG21, JPV22, JZLM23]. **measures** [ALMM22, BB21, Vel22]. **Measuring** [CLP21b]. **median** [LL20]. **median-of-means** [LL20]. **Memorization** [MZ22]. **memory** [Hid21]. **Mendelian** [MWW23, YSK21, ZWH+20]. **merging** [VWW22]. **Message** [Fan22, MV21]. **method** [BZ23b, Che21, CGZ22b, GLP20, MW22, RCSN22, WY20]. **methods** [Dob20, MPK20, PTW21, PC20, SvZ20]. **metric** [ABL23, CM22b, HKSW21, KB22, LM21a]. **metric-space** [LM21a]. **metrics** [ZZYS20]. **Metropolis** [STG21]. **microclustering** [DCT21]. **microscopy** [KMW21]. **mimic** [RV22]. **Minimax** [BFR23, BGL+20, CW21, CP22a, FZP20, HR21, KBW22, LN22, LR20b, LGS21, MGS20, NBW21, NWB22, TY23, BNR23, CS22, Efr21, FNZ22, HW21b, KMW21, Mou22, MJ22]. **Minimax-optimal** [BGL+20]. **minimisation** [DDP21]. **minimization** [MN20]. **minimizers** [CLvdG22, Han21]. **minimizing** [SJ22]. **minimum** [CDRV21, CLvdG22, Cox20, LS22b, RGvdL22]. **minimum-** [LS22b]. **Missing** [BS23c, CFMY21, Che22, Efr21]. **misspecification** [DHK+20]. **mixed** [EJ20, EB22, FSW21, LZ22a, MP23, PWLL21, RERS23]. **mixing** [WN22]. **mixture** [ADXR20, AY23, AD22, CLP21a, DP21, JLLX21, KM21b, LZZ21, MK21a, Nda22, SG20]. **mixtures** [DGMMR21, DWYZ23, LX23, MW22, WY20]. **MLE** [CGZ22b, DKH21]. **modal** [GH21]. **Model** [BGL+20, Eva20, GIKM22, Ing20, Tan20, BPS20, BDW21, BEPV22, BK20, CLTZ20, CCNT21, DLS20, EKJ20, GM20, HSS22, KBB+20, LHY20, Li22, LZZ21, MBR21, Nda22, Pan23, Tia20, WSB+23, XJL20, ZD22, ZMW22]. **Model-assisted** [Tan20]. **model-based** [ZD22]. **model-free** [KBB+20, Pan23]. **model-X** [WSB+23]. **modeling** [Mur21]. **models** [ADXR20, AY23, AD22, BM22, BDSW22, BR23, BZ23a, BBNW20, BBSMW22, BW23, BFPM21, BFZ22, BMY20, CP22a, CLP21b, CHLZ23, DHZ21, DCT21, DN21, EJ20, EB22, FSW21, FMM23, FLS20, FGS21b, FY23, GvdVZ20, GKM21, GSUC21, GMPE21, GIKM22, GMW21, GX20, HS21b, JZLM23, JO20, KZ21, Kol22, KM21b, LZ22a, LGRG23, MK21a, MN20, PV20b, SS20, SS23, Vel22, WT23, WN22, WZL22, XM23, ZA23, ZC23]. **moderate** [GSS22]. **modern** [HLS22]. **moment** [BDM22]. **moments** [KKZ21, LS22a, MW22, WY20, ZX22]. **Mondrian** [MGS20]. **Monitoring** [HKW21]. **monotone** [BMNT23, CG21a, DHZ21, WC20]. **monotonicity** [FGS21a]. **Monte** [AL21, DMS20, FT23, HBDD20, KJJS20, KJJS22, MMS23]. **Motif** [BDM22]. **MSE** [DGR23]. **MSE-optimal** [DGR23]. **multi** [Cha20, DZ20b, DW23a, GH21, NR20, PC20]. **multi-armed** [Cha20]. **multi-dimensional** [DZ20b, NR20]. **multi-layer** [PC20]. **multi-modal** [GH21]. **multi-task** [DW23a]. **multiclass** [HTYZ20]. **Multidimensional**

[KMW20, GR22]. **multifactor** [DLY22]. **multilayer** [CLM22, JLLX21]. **multimodal** [PHL20]. **multinomial** [BMY20, LLM20]. **Multiple** [ZVB21, CCZ22, CR20, DHZ21, FLY23, HZ20, HLM23, WGS+22, ZLSK22]. **multiplier** [CZ20]. **multiply** [Cha22a]. **multiply-imputed** [Cha22a]. **Multiscale** [CvdP21, CP21a, KMW20]. **multitask** [HK22]. **Multivariate** [FGS21a, GS22, AWS22, BGvZ12, BGvZ21, BSS20, BNX22, CG21b, DRR20, DP22, EJ20, FGKS21, GLL22, KBW20, KM21b, LM21b, PR22, REZ23, WG23, WZL22, ZVB21].

Near [LLM20, Lop22, EB22]. **Near-parametric** [LLM20]. **nearest** [CBS20]. **nearly** [DL22]. **Necessary** [KB22, Lah21]. **need** [XZZ22]. **neighbour** [CBS20]. **Nested** [RERS23]. **Network** [Lei21, AF23, JMM20, JKL21, KL21, LW22, SS23, ZX22]. **networks** [CLM22, GMMM21, HYF23, JPV20, JLLX21, KLR+20, Kut20, MZ22, PC20, SH20a, WYR21]. **neural** [GMMM21, JMM20, KL21, Kut20, MZ22, SH20a]. **no** [HK22, XZZ22]. **no-free-lunch** [HK22]. **Noise** [CFMY21, AV23, DGR23, GLL22, dÁLM21]. **Noisy** [Han23, AMBL23, DM23, SM20, XYZ21]. **non** [CP21a, JPV21, ZGV22]. **non-** [ZGV22]. **non-Euclidean** [CP21a, JPV21]. **Nonasymptotic** [JSLH23, RW20a, HRMS21]. **Nonclassical** [Zhi20]. **nonconvex** [CPT23, CFMY21, JZLM23, SWJ21]. **Nonexchangeable** [DCT21]. **nonignorable** [MK21b]. **noninteractive** [BRS23]. **Nonlinear** [AF23, SO23, DM23, JZLM23, LW20, MNP21, SW07, SWZ22, ZSW22]. **nonlinear-type** [SWZ22]. **nonmonotone** [Che22]. **Nonparametric** [CPH23, CGC20, DRR20, Efr22, GR22, JPV22, Kut20, NR20, RSH20, SH20a, ADXR20, AY23, AD22, BS23c, BCCG21, CW21, CW22b, CLP21b, CG21a, Cha20, GS22, GLP20, HRMS21, JSLH23, KBW20, KH23, KM21b, LN22, LCI21, MPW23, SG20, SGWH20, SVvZ23, WC20, XS21, ZS22, vdVW21]. **Nonregular** [FNZ22]. **nonresponse** [MK21b]. **nonreversible** [AWS22]. **nonsmooth** [SWJ21]. **nonsparse** [BFZ22, SF22]. **nonspiked** [CHP20]. **nonstandard** [DR21a, LY20]. **nonstationary** [BR23, DZ20c, DZ23, TCPS23]. **nonunique** [LBvdL21]. **norm** [AWS22, BDH21, CLvdG22]. **norma** [LS22b]. **normal** [BSS20, Che21, FY23, KZ21]. **normality** [QLY23]. **normalization** [WS20]. **normalized** [GSS22]. **note** [BGvZ21, FZ21, LBvdL21, ZSW22]. **null** [RV22]. **number** [KM21b, MK21a, TYZ20, WL22, ZWL20]. **numbers** [RKP23]. **numerical** [HL20].

observations [CSSV22, Ing20, SLY22]. **observed** [HW23, KL20, WN22]. **Off** [HW23, BKRS23, CS22, DSH23, SS22]. **Off-policy** [HW23]. **offline** [WQW23]. **one** [DM22, DMR22]. **one-bit** [DMR22]. **Online** [GH21, KR20, ZS22]. **Only** [GHS21]. **operator** [CP22b, DM23]. **operators** [BD20]. **Optimal** [ABL23, BM22, BGvZ12, BGvZ21, BKS21, BS23c, BW23, CWZ21, CW22b, CFNP21, CCZ22, CNYY21, Cha22b, CGZ22a, DLS20,

DWYZ23, HJWW20, JKL21, LX23, MBR21, PCV23, RCS23, SGWH20, SVvZ23, TSY20, VFLRB23, WYR21, WY20, XJL20, ADXR20, BB21, BNR23, BMY20, BGL+20, CG21b, DGR23, FZP20, GS22, Han21, HWZ22, HR21, KB22, KL20, Leu22, LO23, LBvdL21, MPW20, MK21b, MGS20, Nda22, NBW21, SSL21, SM20, WT23, XYZ21, ZLN22]. **Optimality** [CGZ22b, LZZ21, CQZ23, DR21b, KBW22, LLHL21, LM21b, LZ22b, MJ22, ZCW22]. **Optimally** [MPW23]. **Optimization** [AO22a, AMBL23, CZ21, CPT23, CFMY21, DR21b, DN21, HMR23, JZLM23]. **oracle** [BG20, BS23b, RV22]. **Order** [SM23, BZ21, BK20, FZ16, FZ21, HCCI22, OvdG21]. **Order-of-addition** [SM23]. **ordering** [AL21, SM23]. **Orthogonal** [FS23, CT22, HLS22, PWLL21, SM23]. **Osband** [FZ21, FZ16]. **other** [BZ21, DHZ21, RKP23]. **outcome** [HLM23, LBvdL21]. **outcomes** [RGvdL22]. **outlier** [CDRV21]. **outliers** [BCL+23, CFMY21]. **overlapping** [BBNW20, ZVB21].

p [VWW22]. **p-values** [VWW22]. **Pairwise** [BCCP23, CGZ22a, MW22, PMM+20]. **panel** [BCPW23, FJLX22]. **parabolic** [Cho20]. **parallel** [Pol21, WM21]. **parameter** [CWZ21, LSW21, MM21]. **parameters** [CLTZ20, GM20, Li22]. **Parametric** [ZGV22, LLM20]. **Partial** [CGZ22b, GX20, KS20, PMM+20, ZS20]. **partially** [HW23, KL20, ZMW22]. **particle** [CSSV22, KJJS20, KJJS22, LSV20]. **partition** [DCT21]. **partitioning** [CFF20]. **partitioning-based** [CFF20]. **passing** [MV21, Fan22]. **paths** [CGC20]. **Pattern** [Che22]. **PCA** [AFW22, CFMY21, Dob20, RW20a, SS22, ZCW22]. **PDEs** [Cho20]. **Penalized** [TYZ20, Hua20, HS21b, OQC22]. **penalties** [CM22a]. **performance** [DN21]. **Permutation** [Dob20, PCV23, BKS21, KNBW22, KBW22]. **permutations** [MPW20, MW22, PS22]. **persistent** [CGK22, RKP23]. **perspective** [AD22, BKRS23, KMW21]. **perspectives** [HMR23]. **perturbed** [CCF21]. **Peskun** [AL21]. **Peskun-Tierney** [AL21]. **phase** [BV20, CS20, GZ22a, Hua20, MZ22]. **phenomenon** [BS23b, BDM22, DLY22]. **piecewise** [BZ23b, CG21b, GHZ20]. **planted** [LZ22b]. **plot** [ZD22]. **Poincaré** [ALPW22]. **point** [BCCP23, CNYY21, DM20, FLS20, HKW21, LGS21, VFLRB23, WYR21]. **points** [EB22, WZVS22, ZWL20]. **Poisson** [JZLM23, RSH20]. **policy** [HW23, LQW+22]. **polygon** [JKL21]. **polynomial** [Hop20, JSLH23]. **polynomials** [CG21b, SW22]. **population** [LHY20]. **populations** [HY22]. **position** [SS23]. **positive** [FLS20]. **positives** [BNR20]. **positivity** [LUZ21, REZ23]. **possible** [DK22, GLL22, RV22]. **possibly** [LBvdL21, ZLSK22]. **Post** [BNR20, ZJ23, BPS20, KLYL20, KBB+20, PTW21]. **post-model-selection** [BPS20]. **Post-selection** [ZJ23, KBB+20, PTW21]. **Posterior**

[RvdP20, SHSS+21, KK20, Mur21, SM20, ZG20]. **posteriors** [AR20]. **power** [EH23, WSB+23]. **Powerful** [SJ22]. **practice** [LL20]. **Precise** [JS22, LS22b]. **precision** [BDP23, DZ20c, LR20b]. **Prediction** [OvdG21, Tia20, BCRT23, DLS20, KB22]. **predictions** [BK20]. **Predictive** [BCRT21, HHPS20, MJ22, SL23]. **predictors** [HLM23, JPV21]. **prefactors** [JSLH23]. **presence** [DK21, SAH21]. **prices** [OW21]. **pricing** [BCPW23]. **Principal** [FSW21, BDWW22, DY21, KLN20, PRV20]. **principle** [FWZ21, FZ16, FZ21]. **prior** [RSH20]. **priors** [BSS20, MNP21, RS20b]. **privacy** [CWZ21, LBY23, RS20a]. **private** [AMBL23, AV23, BRS23]. **probability** [BB21, KR20]. **problem** [Cha20, NIS+21]. **problems** [AO22a, Han23, MNP21, PCV23]. **procedure** [MK21a]. **procedures** [BGvZ12, BGvZ21, DR21a, GHS21, WGS+22]. **process** [BATU23, DDG21, HPTZ22, JT21, Li22, MNP21, Mur21]. **processes** [BCCP23, CL22, DRR20, FZP20, Hid21, HW23, HCCI22, LQW+22, MPK20, MP23, YZZ22, ZW21, ZLN22]. **profession** [FS21]. **profile** [ZWH+20]. **Projected** [WQW23]. **projection** [KBW20]. **projections** [KPST23]. **Projective** [SS23]. **promotion** [BEPV22]. **properties** [BCST20, CFF20, CVFL22, HS21b, RERS23, RS20b]. **proportion** [KR20]. **proportions** [GHS21]. **Propriety** [Mur21]. **protocol** [CW22a]. **proxy** [KRSW21]. **pseudo** [ALPW22, GKM21]. **pseudo-likelihood** [GKM21]. **pseudo-marginal** [ALPW22]. **pure** [LN22].

quadratic [BRS23, CZ21]. **quantification** [BG20, CR21, MNP21]. **quantifying** [CS22]. **quantile** [BCPW23, HdBCAM21, HPTZ22]. **quantiles** [GS22, KP23]. **quantization** [DMR22]. **quantum** [FY23, LN22].

Random [BS23c, LW22, AFWZ20, BD20, BM22, CPT23, CVFL22, DZ20a, DCT21, DD23, GSS22, GHO22, GGCvL20, KB22, LSW21, SS20, SGWH20, STG21, TCPS23]. **randomization** [Dob22, MWW23, YSK21, ZWH+20]. **randomized** [Leu22, LH23]. **range** [SWFD21, ZLN22]. **Rank** [LEV21, AFWZ20, CP22b, CCF21, CHLZ23, DHS20, FWZ21, HYF23, LWL21, LX23, MV21, RW23, SHDH22, XYZ21, XZZ22]. **Rank-based** [LEV21]. **ranking** [CGZ22a, CGZ22b]. **ranks** [GS22, HdBCAM21]. **rare** [DK22, PS20]. **rare/weak** [PS20]. **Rate** [Leu22, WT23, CW21, CW22b, CCZ22, DHK+20, FL22, Han21, KL21, RV22, SM20, TY23]. **Rate-optimal** [Leu22, WT23, SM20]. **Rates** [HS21b, BB21, BKS21, BFR23, CWZ21, GS22, HS21a, HJWW20, Hop20, LGS21, LLM20, MGS20, RS20a, TSY20, XJL20, ZG20]. **ratio** [BM22, BMNT23, HSS22]. **reach** [ABL23]. **recollections** [Che21]. **Reconciling** [RY21, ZD22]. **reconstructability** [SJ22]. **reconstruction** [KL20, RW20a]. **recovery** [BGL+20, CGZ22b, DD23, FWZ21, GZ22b, Nda22, RSH20]. **reduction** [DQW20, KLYL20, KZ21, LL22, LS22a]. **reference** [BNR20, Mur21]. **Refined** [GSS22]. **reflections** [Che21]. **regime** [LLSS21]. **regimes** [OQC22].

regions [EB22, FLS20, LY20]. **regression** [BATU23, BGvZ12, BG20, BGvZ21, BCPW23, BV20, BM23, BNX22, BJ23, CS20, CM22a, CG21a, CM22b, CS22, DSUC23, DZ20b, DHZ21, DS21, FGS21a, GZ22a, GW22, GLP20, GSUC21, HZ20, HTYZ20, HS23, HHPS20, HPTZ22, Ing20, JP20, JPV21, JPV22, JT21, JSLH23, KR20, KL21, KBB+20, Kut20, LLSS21, LR20a, LLHL21, LM21a, MPW23, OQC22, PS22, PLD21, RvdP20, SH20a, SGWH20, SF22, WG23, ZP22, ZS22, ZGV22, dÁLM21]. **regression-based** [OQC22]. **regressions** [GHO22, dRdCMP21]. **regret** [BNR23]. **regrets** [CP22a]. **regular** [XM23]. **regularization** [BNR23, DGMMR21, dÁLM21]. **regularized** [BZ23a, CLvdG22, HS23, JLLX21, LM21a, OvdG21, Tan20, WSB+23]. **reinforcement** [WQW23]. **Relaxing** [BNR23, FGRS22, HJ20]. **relevant** [BDH21]. **ReLU** [Kut20, SH20a]. **replicating** [WGS+22]. **representation** [Lei21]. **Rerandomization** [WL22]. **Rerandomized** [MWW23]. **resampling** [CSSV22, ZLN22]. **research** [BFdGG21]. **residual** [HYF23]. **residuals** [Vel22]. **resilience** [ZJS22]. **resolution** [KMW21]. **response** [BNX22, FGS21b, PLD21]. **responses** [BJ23, FNZ22, JP20, JPV21]. **restricted** [GX20]. **restrictions** [KH23]. **results** [DDG21, SS20]. **reversible** [AL21, BS23a, GR22]. **revisited** [NIS+21, ZP22]. **reward** [LQW+22]. **Rho** [BB20]. **Rho-Bayes** [BB20]. **Ridge** [ZP22]. **Ridgeless** [LR20a, HMRT22]. **Riemannian** [SLY22]. **risk** [CFNP21, CLvdG22, CS22, DR21a, GLCS20, Han21, Han23, HHPS20, Hua20, MN20, Mou22]. **risk-fairness** [CS22]. **RKHS** [MPW23, ZZYS20]. **RKHS-based** [MPW23, ZZYS20]. **Robust** [BB20, BCS20, BFL21, CZ20, DL22, FLY23, GLN20, KBW20, KKZ21, LL20, LM21b, MZ20, OW21, SM20, CFMY21, CCNT21, DM22, DW23a, DN21, FWZ21, Hua20, WT23, YZZ22, ZWH+20, ZJS22]. **robustness** [CLvdG22, LBY23]. **root** [BE22, BNR23, Lei21]. **root-entropic** [BNR23]. **rotationally** [Fan22]. **rule** [LBvdL21, Pol21]. **Run** [Pol21, BDP23].

saddlepoint [Goo22]. **Safe** [DP21]. **Sample** [YZZ22, Bha20, CHP20, CFF20, GW22, GGCvL20, HY22, KRSW21, LHY20, LHBS23, MMS23, Mou22, QLY23, XYY20, XY20, YSK21, ZZPZ22, ZWH+20, Zhi22, ZWL20]. **sample-splitting** [ZWL20]. **sampling** [BJ22, BDM22, DP21, HTYZ20, HW21a, LSV20]. **Scalable** [HPTZ22, BV20]. **scale** [CCZ22, GHO22, HTYZ20, KW22, MS20]. **scales** [HT23]. **scanning** [KMW20]. **scenario** [AL21]. **schemes** [CSSV22]. **score** [ZWH+20]. **ScreeNOT** [DGR23]. **search** [Tia20]. **Second** [BZ21, SMZ22]. **Second-order** [BZ21]. **sectional** [FJLX22]. **Segmentation** [FLS20]. **selection** [BPS20, BMNT23, CDRV21, Eva20, GKM21, GLP20, GIKM22, HMR23, HCCI22, Ing20, JT21, KBB+20, Lah21, PTW21, RCS23, WWM20, ZWL20, ZJ23]. **self** [GSS22, WS20]. **self-normalization** [WS20]. **self-normalized** [GSS22]. **selfnormalization** [WZVS22]. **semi** [CBS20]. **semi-supervised** [CBS20]. **Semiparametric** [MK21b, RvdV20, WZL22, BEV20, ZGV22, dRdCMP21]. **sensitive** [PS20].

sensitivity [DK22]. **separability** [BD20]. **separable** [DY21]. **sequence** [BS23a, HSS22, HKW21]. **sequences** [HRMS21, WN22]. **sequential** [FZP20, FT23, HBDD20, HW23, KJJS20, KJJS22, MMS23]. **series** [AvD20, BR23, BZ23b, CFF20, CNYY21, Cha22b, DZ20c, DZ23, SW07, Vel22, WS20, ZVB21, ZSW22]. **Set** [Han21, BE22]. **sets** [RCSN22, RS20b]. **settings** [KR20]. **shape** [BS23a, KH23, RCSN22, XS21]. **shape-constrained** [BS23a]. **Sharp** [CPT23, CQZ23, Efr21, KBG20, Nda22]. **shift** [KM21a, MPW23]. **short** [SWFD21]. **short-range** [SWFD21]. **shrinkage** [FWZ21, FGRS22, LW20]. **sieve** [RS20b, ZS22]. **signal** [BM22, CC23]. **signals** [CQZ23, GHZ20, GLL22, SO23, WGS+22]. **signed** [JKL21]. **signed-polygon** [JKL21]. **significance** [FNL20]. **signs** [HdBCAM21]. **simple** [AC21]. **simplices** [NIS+21]. **Simultaneous** [KR20]. **Single** [BM23]. **Singular** [BDW21, DGR23, EB22, MWY23]. **Singularity** [DHK+20, KM21a]. **SIR** [TSY20]. **size** [BGvZ12, BGvZ21, DDB20]. **sizes** [ZVB21]. **sketching** [GW22]. **slab** [CR20]. **sliced** [LLHL21]. **slicing** [DQW20]. **sliding** [BZ23b]. **SLOPE** [BKRS23]. **smooth** [HR21, KZ21, Kol22, NWB22, TCPS23]. **smoothing** [DC23]. **Sobolev** [ZS22]. **solution** [Cha20]. **Some** [BCST20, Che21, BM22]. **Sort** [MK21a]. **space** [CT22, CM22b, CHHW21, DKA20, EFdH+22, GIKM22, LM21a]. **space-filling** [CT22]. **space-time** [EFdH+22]. **spaces** [DZ20b, HKSW21, KB22]. **Sparse** [BV20, DGMMR21, GZ22a, TSY20, ALS23, BBSMW22, BCCG21, CW20, CZ21, CQZ23, CCNT21, FMM23, GLN20, GMW21, LGS21, MM21, MJ22, SLY22, SS23, WYR21, ZS20]. **sparsity** [BMNT23]. **Spatial** [EFdH+22, KP23, LEV21, Leu22]. **specific** [RGvdL22]. **Spectral** [CL22, PC20, AFW22, AR21, BM22, CGZ22b, LWL21, LZZ21, SW07, XYY20, ZW21, ZZPZ22, ZSW22]. **spectrum** [GKV+22]. **spherical** [CM21, PV20a]. **spherically** [MS20]. **spike** [CR20]. **Spiked** [DY21, BM22, BDWW22, CHP20, DLS20, EKJ20, JO20, LHY20, ZZPZ22]. **spikes** [LHBS23]. **spline** [HS21b]. **split** [ZD22]. **split-plot** [ZD22]. **splitting** [ZWL20]. **square** [ZA23]. **squared** [GZ22a]. **squares** [HMRT22, KP22, Mou22, OvdG21, ZS20]. **stability** [ZJ23]. **stabilizing** [RKP23]. **stable** [MP23, PR22, SL23]. **stage** [BGvZ12, BGvZ21, LFR21]. **standard** [ERV20]. **state** [WQW23]. **state-action** [WQW23]. **states** [LN22]. **stationarity** [AvD20]. **stationary** [BCCP23, BZ23b, CGK22, MPK20, ZW21]. **Statist** [BGvZ21]. **statistic** [BKS21]. **Statistical** [BDWW22, CW20, CLTZ20, Dre23, GMW21, LZ22b, MNP21, ZWH+20, AO22a, CP21b, FS23, FY23, HWZ22, HMR23, JS22, KLYL20, KMW20, KMW21, NIS+21, NR20, SWJ21, SWZ22, SS22, LBvdL21]. **Statistically** [XYZ21]. **Statistics** [PS22, BM22, HXWP21, JKL21, LWL21, LLM20, QLY23, RKP23, WSB+23, ZZPZ22, ZJS22]. **status** [Efr21]. **Stein** [BZ21, Che21, EG21, MH22, Str21, vdVW21]. **step** [BEV20, DDB20]. **Stigum** [ALS23]. **Stochastic** [CP22a, BB21, CLTZ20, Cho20, CGC20, DDB20, DR21b, XJL20, ZS22].

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Kong:2021:AED

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[SAH21] Fredrik Sävje, Peter M. Aronow, and Michael G. Hudgens. Average treatment effects in the presence of unknown interference. *Annals of Statistics*, 49(2):673–701, April 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-2/Average-treatment-effects-in-the-presence-of-unknown-interference/10.1214/20-AOS1973.full`.

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[SF22] Igor Silin and Jianqing Fan. Canonical thresholding for nonsparse high-dimensional linear regression. *Annals of Statistics*, 50 (1):460–486, February 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-1/Canonical-thresholding-for-nonsparse-high-dimensional-linear-regression/10.1214/21-AOS2116.full`.

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[SG20] Sujayam Saha and Adityanand Guntuboyina. On the nonparametric maximum likelihood estimator for Gaussian location mixture densities with application to Gaussian denoising. *Annals of Statistics*, 48(2):738–762, April 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1590480032`.

Shen:2020:OEV

[SGWH20] Yandi Shen, Chao Gao, Daniela Witten, and Fang Han. Optimal estimation of variance in nonparametric regression with random design. *Annals of Statistics*, 48(6):3589–3618, December 2020. CODEN ASTSC7. ISSN 0090-5364

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Schmidt-Hieber:2020:NRU

[SH20a] Johannes Schmidt-Hieber. Nonparametric regression using deep neural networks with ReLU activation function. *Annals of Statistics*, 48(4):1875–1897, August 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-4/Nonparametric-regression-using-deep-neural-networks-with-ReLU-activation-function/10.1214/19-AOS1875.full. See discussion [Kut20].

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[SH20b] Jinqi Shen and Tailen Hsing. Hurst function estimation. *Annals of Statistics*, 48(2):838–862, April 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/euclid.aos/1590480036.

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[SHDH22] Hongjian Shi, Marc Hallin, Mathias Drton, and Fang Han. On universally consistent and fully distribution-free rank tests of vector independence. *Annals of Statistics*, 50(4):1933–1959, August 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-4/On-universally-consistent-and-fully-distribution-free-rank-tests-of/10.1214/21-AOS2151.full.

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[SHSS+21] Johannes Schmidt-Hieber, Laura Fee Schneider, Thomas Staudt, Andrea Krajina, Timo Aspelmeier, and Axel Munk. Posterior analysis of n in the binomial. *Annals of Statistics*, 49(6):3534–3558, December 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-6/Posterior-analysis-of-n-in-the-binomial-np-problem-with/10.1214/21-AOS2096.full.

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[SJ22] Asher Spector and Lucas Janson. Powerful knockoffs via minimizing reconstructability. *Annals of Statistics*, 50(1):252–276, February 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-1/Powerful-knockoffs-via-minimizing-reconstructability/10.1214/21-AOS2104.full`.

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[SL23] Lukas Steinberger and Hannes Leeb. Conditional predictive inference for stable algorithms. *Annals of Statistics*, 51(1): 290–311, February 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-1/Conditional-predictive-inference-for-stable-algorithms/10.1214/22-AOS2250.full`.

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[SLY22] Lingxuan Shao, Zhenhua Lin, and Fang Yao. Intrinsic Riemannian functional data analysis for sparse longitudinal observations. *Annals of Statistics*, 50(3):1696–1721, June 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-3/Intrinsic-Riemannian-functional-data-analysis-for-sparse-longitudinal-observations/10.1214/22-AOS2172.full`.

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[SM20] Nicholas Syring and Ryan Martin. Robust and rate-optimal Gibbs posterior inference on the boundary of a noisy image. *Annals of Statistics*, 48(3):1498–1513, June 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-3/Robust-and-rate-optimal-Gibbs-posterior-inference-on-the-boundary/10.1214/19-AOS1856.full`.

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[SM23] Eric D. Schoen and Robert W. Mee. Order-of-addition orthogonal arrays to study the effect of treatment ordering. *Annals of Statistics*, 51(4):1877–1894, August 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (elec-

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[SMZ22] Emil A. Stoltenberg, Per A. Mykland, and Lan Zhang. A CLT for second difference estimators with an application to volatility and intensity. *Annals of Statistics*, 50(4):2072–2095, August 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-4/A-CLT-for-second-difference-estimators-with-an-application-to/10.1214/22-AOS2176.full.

Schell:2023:NIC

[SO23] Alexander Schell and Harald Oberhauser. Nonlinear independent component analysis for discrete-time and continuous-time signals. *Annals of Statistics*, 51(2):487–518, April 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-2/Nonlinear-independent-component-analysis-for-discrete-time-and-continuous-time/10.1214/23-AOS2256.full.

Shah:2020:HCI

[SP20] Rajen D. Shah and Jonas Peters. The hardness of conditional independence testing and the generalised covariance measure. *Annals of Statistics*, 48(3):1514–1538, June 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-3/The-hardness-of-conditional-independence-testing-and-the-generalised-covariance/10.1214/19-AOS1857.full.

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[SPY20] Jaron Sanders, Alexandre Proutière, and Se-Young Yun. Clustering in Block Markov Chains. *Annals of Statistics*, 48(6):3488–3512, December 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-6/Clustering-in-Block-Markov-Chains/10.1214/19-AOS1939.full.

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[SS20] Michael Schweinberger and Jonathan Stewart. Concentration and consistency results for canonical and curved exponential-family models of random graphs. *Annals of Statistics*, 48(1): 374–396, February 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1581930139`.

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[SS22] Bharath K. Sriperumbudur and Nicholas Sterge. Approximate kernel PCA: Computational versus statistical trade-off. *Annals of Statistics*, 50(5):2713–2736, October 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-5/Approximate-kernel-PCA-Computational-versus-statistical-trade-off/10.1214/22-AOS2204.full`.

Spencer:2023:PSL

[SS23] Neil A. Spencer and Cosma Rohilla Shalizi. Projective, sparse and learnable latent position network models. *Annals of Statistics*, 51(6):2506–2525, December 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-6/Projective-sparse-and-learnable-latent-position-network-models/10.1214/23-AOS2340.full`.

Shi:2021:CVI

[SSL21] Chengchun Shi, Rui Song, and Wenbin Lu. Concordance and value information criteria for optimal treatment decision. *Annals of Statistics*, 49(1):49–75, February 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-1/Concordance-and-value-information-criteria-for-optimal-treatment-decision/10.1214/19-AOS1908.full`.

Sherlock:2021:EDA

[STG21] Chris Sherlock, Alexandre H. Thiery, and Andrew Golightly. Efficiency of delayed-acceptance random walk Metropolis algorithms. *Annals of Statistics*, 49(5):2972–2990, October 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966

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[Str21] William E. Strawderman. On Charles Stein's contributions to (in)admissibility. *Annals of Statistics*, 49(4):1823–1835, August 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-4/On-Charles-Steins-contributions-to-inadmissibility/10.1214/21-AOS2108.full.

Szabo:2023:OHD

[SVvZ23] Botond Szabó, Lasse Vuursteen, and Harry van Zanten. Optimal high-dimensional and nonparametric distributed testing under communication constraints. *Annals of Statistics*, 51(3):909–934, June 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-3/Optimal-high-dimensional-and-nonparametric-distributed-testing-under-communication-constraints/10.1214/23-AOS2269.full.

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[SvZ20] Botond Szabó and Harry van Zanten. Adaptive distributed methods under communication constraints. *Annals of Statistics*, 48 (4):2347–2380, August 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-4/Adaptive-distributed-methods-under-communication-constraints/10.1214/19-AOS1890.full.

Shao:2007:AST

[SW07] Xiaofeng Shao and Wei Biao Wu. Asymptotic spectral theory for nonlinear time series. *Annals of Statistics*, 35(4):1773–1801, August 2007. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL http://projecteuclid.org/euclid.aos/1188405630. See correction [ZSW22].

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[SW22] Tselil Schramm and Alexander S. Wein. Computational barriers to estimation from low-degree polynomials. *Annals of Statistics*,

50(3):1833–1858, June 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-3/Computational-barriers-to-estimation-from-low-degree-polynomials/10.1214/22-AOS2179.full.

Schmidt:2021:ATC

[SWFD21] Sara K. Schmidt, Max Wornowizki, Roland Fried, and Herold Dehling. An asymptotic test for constancy of the variance under short-range dependence. *Annals of Statistics*, 49(6):3460–3481, December 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-6/An-asymptotic-test-for-constancy-of-the-variance-under-short/10.1214/21-AOS2092.full.

She:2021:AGB

[SWJ21] Yiyuan She, Zhifeng Wang, and Jiuwu Jin. Analysis of generalized Bregman surrogate algorithms for nonsmooth nonconvex statistical learning. *Annals of Statistics*, 49(6):3434–3459, December 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-6/Analysis-of-generalized-Bregman-surrogate-algorithms-for-nonsmooth-nonconvex-statistical/10.1214/21-AOS2090.full.

Sourisseau:2022:AAS

[SWZ22] Matt Sourisseau, Hau-Tieng Wu, and Zhou Zhou. Asymptotic analysis of synchrosqueezing transform-toward statistical inference with nonlinear-type time-frequency analysis. *Annals of Statistics*, 50(5):2694–2712, October 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-5/Asymptotic-analysis-of-synchrosqueezing-transformtoward-statistical-inference-with-nonlinear-type/10.1214/22-AOS2203.full.

Tan:2020:MAI

[Tan20] Zhiqiang Tan. Model-assisted inference for treatment effects using regularized calibrated estimation with high-dimensional data. *Annals of Statistics*, 48(2):811–837, April 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/euclid.aos/1590480035.

Telschow:2023:EEE

[TCPS23] Fabian J. E. Telschow, Dan Cheng, Pratyush Pranav, and Armin Schwartzman. Estimation of expected Euler characteristic curves of nonstationary smooth random fields. *Annals of Statistics*, 51 (5):2272–2297, October 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-5/Estimation-of-expected-Euler-characteristic-curves-of-nonstationary-smooth-random/10.1214/23-AOS2337.full`.

Tian:2020:PEA

[Tia20] Xiaoying Tian. Prediction error after model search. *Annals of Statistics*, 48(2):763–784, April 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1590480033`.

Tan:2020:SSO

[TSY20] Kai Tan, Lei Shi, and Zhou Yu. Sparse SIR: Optimal rates and adaptive estimation. *Annals of Statistics*, 48(1):64–85, February 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1581930126`.

Tang:2021:WEF

[TX21] Yu Tang and Hongquan Xu. Wordlength enumerator for fractional factorial designs. *Annals of Statistics*, 49(1):255–271, February 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-1/Wordlength-enumerator-for-fractional-factorial-designs/10.1214/20-AOS1955.full`.

Tang:2023:MRD

[TY23] Rong Tang and Yun Yang. Minimax rate of distribution estimation on unknown submanifolds under adversarial losses. *Annals of Statistics*, 51(3):1282–1308, June 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-3/Minimax-rate-of-distribution-estimation-on-unknown-submanifolds-under-adversarial/10.1214/23-AOS2291.full`.

Tang:2020:PGE

[TYZ20] Niansheng Tang, Xiaodong Yan, and Xingqiu Zhao. Penalized generalized empirical likelihood with a diverging number of general estimating equations for censored data. *Annals of Statistics*, 48(1):607–627, February 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1581930149`.

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[vdGK21] Sara van de Geer and Chris A. J. Klaassen. Willem van Zwet, teacher and thesis advisor. *Annals of Statistics*, 49(5): 2448–2456, October 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-5/Willem-van-Zwet-teacher-and-thesis-advisor/10.1214/21-AOS2069.full`.

vanderVaart:2021:SEN

[vdVW21] A. W. van der Vaart and J. A. Wellner. Stein 1956: Efficient nonparametric testing and estimation. *Annals of Statistics*, 49 (4):1836–1849, August 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-4/Stein-1956-Efficient-nonparametric-testing-and-estimation/10.1214/21-AOS2056.full`.

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[Vel22] Carlos Velasco. Estimation of time series models using residuals dependence measures. *Annals of Statistics*, 50(5):3039–3063, October 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-5/Estimation-of-time-series-models-using-residuals-dependence-measures/10.1214/22-AOS2220.full`.

Verzelen:2023:OCP

[VFLRB23] Nicolas Verzelen, Magalie Fromont, Matthieu Lerasle, and Patricia Reynaud-Bouret. Optimal change-point detection and localization. *Annals of Statistics*, 51(4):1586–1610, August 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-4/Optimal-change-point-detection-and-localization/10.1214/23-AOS2297.full`.

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[VW21] Vladimir Vovk and Ruodu Wang. E-values: Calibration, combination and applications. *Annals of Statistics*, 49(3): 1736–1754, June 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-3/E-values-Calibration-combination-and-applications/10.1214/20-AOS2020.full`.

Vovk:2022:AWM

[VWW22] Vladimir Vovk, Bin Wang, and Ruodu Wang. Admissible ways of merging p-values under arbitrary dependence. *Annals of Statistics*, 50(1):351–375, February 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-1/Admissible-ways-of-merging-p-values-under-arbitrary-dependence/10.1214/21-AOS2109.full`.

Westling:2020:USN

[WC20] Ted Westling and Marco Carone. A unified study of nonparametric inference for monotone functions. *Annals of Statistics*, 48 (2):1001–1024, April 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/euclid.aos/1590480043`.

Wang:2023:CCI

[WG23] Kang Wang and Subhashis Ghosal. Coverage of credible intervals in Bayesian multivariate isotonic regression. *Annals of Statistics*, 51(3):1376–1400, June 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-3/Coverage-of-credible-intervals-in-Bayesian-multivariate-isotonic-regression/10.1214/23-AOS2298.full`.

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[WGS+22] Jingshu Wang, Lin Gui, Weijie J. Su, Chiara Sabatti, and Art B. Owen. Detecting multiple replicating signals using adaptive filtering procedures. *Annals of Statistics*, 50(4):1890–1909, August 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL `https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-4/`

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Wang:2022:RDC

[WL22] Yuhao Wang and Xinran Li. Rerandomization with diminishing covariate imbalance and diverging number of covariates. *Annals of Statistics*, 50(6):3439–3465, December 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-6/Rerandomization-with-diminishing-covariate-imbalance-and-diverging-number-of-covariates/10.1214/22-AOS2235.full.

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[WM21] Chunyan Wang and Robert W. Mee. Two-level parallel flats designs. *Annals of Statistics*, 49(5):3015–3042, October 2021. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-49/issue-5/Two-level-parallel-flats-designs/10.1214/21-AOS2071.full.

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[WN22] Yun Wei and XuanLong Nguyen. Convergence of de Finetti's mixing measure in latent structure models for observed exchangeable sequences. *Annals of Statistics*, 50(4):1859–1889, August 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-4/Convergence-of-de-Finettis-mixing-measure-in-latent-structure-models/10.1214/21-AOS2120.full.

Waghmare:2022:CCK

[WP22] Kartik G. Waghmare and Victor M. Panaretos. The completion of covariance kernels. *Annals of Statistics*, 50(6):3281–3306, December 2022. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-50/issue-6/The-completion-of-covariance-kernels/10.1214/22-AOS2228.full.

Wang:2023:PSA

[WQW23] Jiayi Wang, Zhengling Qi, and Raymond K. W. Wong. Projected state-action balancing weights for offline reinforcement

learning. *Annals of Statistics*, 51(4):1639–1665, August 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-4/Projected-state-action-balancing-weights-for-offline-reinforcement-learning/10.1214/23-AOS2302.full.

Wang:2020:HTH

[WS20] Runmin Wang and Xiaofeng Shao. Hypothesis testing for high-dimensional time series via self-normalization. *Annals of Statistics*, 48(5):2728–2758, October 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-5/Hypothesis-testing-for-high-dimensional-time-series-via-self-normalization/10.1214/19-AOS1904.full.

Weinstein:2023:PAM

[WSB+23] Asaf Weinstein, Weijie J. Su, Małgorzata Bogdan, Rina Foygel Barber, and Emmanuel J. Candès. A power analysis for model-X knockoffs with ℓ_p-regularized statistics. *Annals of Statistics*, 51 (3):1005–1029, June 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-3/A-power-analysis-for-model-X-knockoffs-with-%e2%84%93p-regularized/10.1214/23-AOS2274.full.

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[WT23] Di Wang and Ruey S. Tsay. Rate-optimal robust estimation of high-dimensional vector autoregressive models. *Annals of Statistics*, 51(2):846–877, April 2023. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-51/issue-2/Rate-optimal-robust-estimation-of-high-dimensional-vector-autoregressive-models/10.1214/23-AOS2278.full.

Wang:2020:WBE

[WWM20] Shuaiwen Wang, Haolei Weng, and Arian Maleki. Which bridge estimator is the best for variable selection? *Annals of Statistics*, 48(5):2791–2823, October 2020. CODEN ASTSC7. ISSN 0090-5364 (print), 2168-8966 (electronic). URL https://projecteuclid.org/journals/annals-of-statistics/volume-48/issue-5/Which-bridge-estimator-

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