

A Complete Bibliography of Publications in  
*Communications in Statistics: Theory and  
Methods: 2020–2029*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

24 July 2020  
Version 1.02

## Title word cross-reference

(0, 1) [ZXSZ20]. 2 [PZZ20, ZYNX20]. 3 [CTEB20].  $\alpha$  [EAB20, EG20].  $C_{pk}$  [BAAJ20].  $\delta$  [LNP20, Pou20].  $\Delta_v^m$  [EG20].  $\gamma$  [NH20].  $k$  [Jas20].  $L$  [DZ20].  $M$  [ZLH20, BKM20].  $N$  [LWKQ20, ZLCW20, ZYNX20].  $\phi$  [dS20].  
 $R = P(X < Y)$  [Koh20].  $T$  [ÇA20].

**-dimensional** [CTEB20]. **-divergence** [NH20]. **-estimator** [ZLH20].  
**-generalized** [BKM20]. **-mixing** [dS20]. **-out-of-** [ZYNX20]. **-policy** [LWKQ20, ZLCW20]. **-shock** [LNP20, Pou20]. **-statistical** [EG20]. **-th** [Jas20].

**absolute** [WWWH20]. **accelerated** [WT20]. **Accelerating** [AÜ20].  
**accuracy** [RIA20]. **Adaptive** [OO20, sK20b, YT20]. **additive** [CFS20].  
**adjusted** [ZHA20b]. **against** [GM20]. **age** [ZGQN20]. **age-based** [ZGQN20].

**aggregate** [JC20, LGL20]. **aggregation** [CH20b]. **agreement** [Ohy20]. **air** [SRSB20]. **algorithm** [Hu20b, MNAM20, PCdP<sup>+</sup>20, PAC20, ZLB20].  
**allocation** [MNAM20, WDLW20]. **Almost** [dS20, TTL20, ZLH20].  
**alternate** [sK20a]. **Alternative** [Oga20a, SPSS20]. **alternatives** [GM20].  
**ambiguity** [LZL20]. **analog** [CBJ20, SC20]. **analysis** [BAY20a, CSZ20, Che20a, dXG20, HCX20, sSL20, LHS20, RFVR20, SYRV20, WT20, TW20, WZTW20]. **analytical** [Zen20]. **Analyzing** [Wic20].  
**announcements** [MDZN20]. **annuities** [AÜ20]. **answers** [SHC20].  
**aperiodic** [ZOD20]. **Application** [CMMD20, BAY20a, Jan20, KTMKS20, SRSB20, TTL20, zWZ20, ZXSZ20, ZHA20b]. **applications** [CH20a, WC20, KH20b, MAK20, Nag20, RBCG20, RBS20, SRA20, LS20, dS20]. **approach** [sK20a, sK20b, NNS20, SS20, SWYF20, CZ20]. **approaches** [RBSNB20, GZ20]. **Approximate** [ZGQN20]. **Approximating** [PF20].  
**approximation** [BS20b]. **approximations** [CBJ20, CMMD20, EAS20].  
**ARCH** [LYC20, ZYZ20]. **ARCH-M** [ZYZ20]. **area** [Jan20, SRSB20, Wu20, vRvR20]. **arrays** [CCW<sup>+</sup>20, PZZ20, SAP20]. **arrival** [CY20, LWKQ20]. **artificial** [GA20]. **aspects** [KH20b]. **assessment** [Ker20].  
**asset** [WDLW20]. **associated** [HMZ20, Ko20, LM20, ZLH20]. **Assurance** [HW20]. **asymmetric** [Sem20]. **asymmetrical** [PZZ20]. **Asymptotic** [BS20a, CY20, dXG20, HMZ20, Jas20, Oga20b, WWWW20, HB20, Oga20c].  
**asymptotically** [ZLH20]. **attacks** [FL20a]. **attribute** [ZLZ20b]. **attributed** [SS20]. **augmented** [FL20b]. **autocovariance** [Cav20]. **autoregressions** [Wic20]. **autoregressive** [YK20, LZ20b, MBA20, ZCT<sup>+</sup>20]. **auxiliary** [Haq20, SPSS20]. **availability** [ZOD20]. **average** [MM20, Xia20]. **averaging** [HCZ20].

**balanced** [HAA<sup>+</sup>20, KG20, Kha20]. **Bandwidth** [BS20b, Ory20]. **barrier** [MB20]. **based** [BAAJ20, EN20, FL20b, Han20, CH20b, KTDW20, KTMKS20, Koh20, KGS20, LL20, Mao20, MPM20, MBA20, PCdP<sup>+</sup>20, WT20, Ver20, WWZ20, Wu20, XZL20, DZ20, ZCT<sup>+</sup>20, CZ20, ZGQN20, ZYZ20, ZOD20, ZLZ20b].  
**Bayes** [ZXSZ20]. **Bayesian** [CSZ20, Che20a, Han20, Koh20, HK20, NH20, SM20, XTXW20, CZ20].  
**behavior** [Jas20]. **behaviour** [Lin20]. **Behrens** [CBJ20]. **Benchmark** [Ker20]. **Benford** [KK20]. **beta** [EN20, Jan20, ZXSZ20]. **beta-binomial** [ZXSZ20]. **between** [Ohy20]. **biased** [AW20, WS20]. **bilinear** [BM20].  
**bimodal** [Bay20b]. **binary** [Ohy20]. **binomial** [KWY20, RN20, Xia20, ZXSZ20]. **Bisymmetry** [Yam20]. **Bivariate** [Bay20b, SRA20, HP20, NSN20]. **block** [KG20, Kha20]. **block-sum** [Kha20].  
**blocked** [WLZ20]. **bootstrap** [RIA20]. **Bounds** [Fre20, ZLB20]. **BSDEs** [HWY20]. **Burr** [Koh20].

**calculation** [WZA20]. **calculations** [ZGQN20]. **capital** [GK20b]. **Carlo** [SM20]. **case** [AMM20, NNS20]. **categorical** [Oga20b]. **Cauchy** [NNS20].

**Cayley** [ZYY20a]. **ceiling** [CM20]. **censored** [SD20, Han20, Koh20, LZ20a, LHS20, PKK20, TPS20, WZTW20, WS20]. **censoring** [MK20, AV20]. **Chains** [ZYY20a]. **change** [YK20, MM20, Ver20, WWZ20]. **change-point** [WWZ20]. **changes** [CW20]. **character** [LHSK20]. **characteristics** [HCH20]. **characterizations** [LZH20, NSN20]. **chart** [ARA<sup>+</sup>20, Haq20, ZLZ20b]. **Chebyshev** [Oga20d, Oga20e]. **checker** [CMMD20]. **checker-type** [CMMD20]. **checkpointing** [ZOD20]. **Chen** [KTDW20]. **choice** [MNAM20, RFVR20]. **circular** [HAA<sup>+</sup>20]. **claim** [LYC20, NZZ20]. **claim-number** [LYC20]. **claims** [LGL20, ZLZ20a]. **class** [CFS20, CW20, KH20b, MM20, Xia20, ZYZ20, SZ20]. **classical** [Koh20, MSM20]. **classifier** [Ish20]. **Clayton** [FL20b]. **clinical** [sK20b]. **cluster** [WZA20, YT20]. **clustered** [JC20, Wu20]. **Coefficient** [PF20, HCZ20, Mao20, Ohy20, ZCT<sup>+</sup>20, ZYZ20, ZCZJ20]. **coefficients** [HN20]. **Coffin** [WT20]. **COM** [LZH20]. **Combining** [SHC20]. **common** [KJKC20]. **Comparing** [DJW<sup>+</sup>20, JKD20]. **comparison** [Ima20]. **comparisons** [DDL20]. **compensate** [SK20c]. **competing** [AV20]. **Complete** [CCW<sup>+</sup>20, Han20, JKD20, Ko20]. **Composite** [JC20, WTT20]. **compound** [CH20b, LGL20, LS20]. **concave** [PAC20]. **conditional** [GK20a, HMZ20, MBA20, YWL20]. **conditionals** [SRA20]. **conditioned** [SNS20]. **Confidence** [Bic20, LL20, YP20]. **conformity** [KK20]. **confounding** [LLZ20, WLZ20, ZYY20b]. **confusion** [Zen20]. **consecutive** [ZYNX20]. **consecutive-** [ZYNX20]. **considering** [WIN20, ZY20]. **consistency** [ZLH20]. **consistent** [XZR<sup>+</sup>20]. **consistently** [LCF20]. **constant** [Kha20, ZLCW20]. **constrained** [TW20]. **constraint** [OO20]. **constraints** [GK20b]. **constructing** [SD20]. **Construction** [KG20, HAA<sup>+</sup>20, Kha20]. **consumption** [GK20b]. **context** [Ish20]. **contingent** [ZLZ20a]. **continuous** [NSN20]. **contracts** [WDLW20]. **control** [LZL20, NNS20, ZLZ20b]. **Convergence** [HN20, CCW<sup>+</sup>20, EAB20, EG20, Ko20, RN20, PCdP<sup>+</sup>20, TTL20, SZ20, dS20]. **converging** [KH20a]. **Conway** [RTB20]. **coordinatewise** [Ko20]. **copula** [FL20b, KGS20]. **copula-based** [FL20b]. **Copulas** [CMMD20]. **corrected** [NNS20]. **Correction** [Ano20]. **Correlated** [HP20, SPSS20, XZR<sup>+</sup>20]. **correlation** [LZG20, Mao20]. **count** [CM20, CW20, DKA20, WZA20]. **counting** [LS20]. **covariance** [ZB20, TK20, Wic20, YKH20, CZ20]. **covariates** [LHS20]. **Cox** [SYRV20]. **Cox-proportional** [SYRV20]. **credit** [Zen20]. **criterion** [Che20b, HCZ20]. **cross** [KTMKS20, Oga20c]. **cross-data** [Oga20c]. **crosses** [SAP20]. **cumulants** [Oga20b]. **cumulative** [GK20a, ZHA20b]. **cured** [LHS20]. **current** [SPSS20]. **curve** [LL20, Wu20]. **customer** [BAY20a]. **CUSUM** [Ver20]. **cyber** [FL20a]. **cycle** [MNAM20]. **cycling** [WT20].

**Dagum** [FCCD20]. **data** [AMM20, CSZ20, CWJC20, JC20, HMZ20, HP20, IHDR20, Ker20, sSL20, LHS20, MPM20, Oga20b, Oga20c, RFVR20, BS20b,

WZTW20, WG20, WS20, Wu20, YKH20, YWL20]. **DC** [MZR20]. **decision** [KTMKS20]. **decision-making** [KTMKS20]. **defined** [BS20b]. **definition** [KTMKS20]. **degree** [NSN20]. **delayed** [ZYY20a]. **Dempster** [KTMKS20]. **densities** [PAC20]. **density** [EN20, LZ20b, BS20b, WG20, YWL20]. **dependence** [CH20b]. **dependent** [CCW<sup>+</sup>20, CY20, WC20, CMMD20, LGL20, NZZ20, TTL20, SZ20]. **derivative** [LL20]. **Design** [ARA<sup>+</sup>20, Pop20]. **designs** [FHHW20, HAA<sup>+</sup>20, KG20, Kha20, LLZ20, SAP20, WLZ20, ZYY20b]. **destructive** [ZY20]. **detect** [CTEB20]. **detection** [FL20a, Ver20, WWZ20]. **determination** [sK20a]. **deviation** [WWWH20]. **deviations** [BMP20, WC20, LGL20, LCF20]. **diagnostic** [CMCA20]. **diagnostics** [DKA20]. **difference** [MMZ20]. **different** [HAA<sup>+</sup>20]. **differential** [BM20]. **diffusion** [Keu20]. **dimension** [Ish20, SWYF20]. **dimensional** [BMP20, CTEB20, CY20, IHDR20, Mao20]. **direct** [SHC20]. **discovery** [Kan20]. **discrete** [LYC20, XZL20]. **discrete-time** [LYC20]. **distance** [Kim20]. **distances** [PZZ20]. **distortion** [dXG20]. **distributed** [KJKC20, MMZ20]. **distribution** [CSZ20, EAS20, Han20, KH20b, KTDW20, Koh20, HK20, KSY20, LHSK20, LL20, LNP20, MPM20, NNS20, Ory20, PKK20, RBCG20, RYJ20, RBSNB20, RTB20, SNS20, TPS20, TK20, Wic20, XTXW20, YS20, ZCZ20b]. **Distributions** [PF20, Bay20b, ÇA20, SD20, EBX20, KK20, KL20, NSN20, RBS20, SRA20, WZTW20, Xia20, DZ20, ZCZJ20]. **divergence** [NH20, Oga20b]. **dividends** [MB20]. **does** [MC20]. **double** [BAAJ20, RIA20, ZCZJ20]. **double-parameter** [ZCZJ20]. **doubly** [PKK20]. **driven** [CW20, Yu20, ZLZ20a]. **DSGE** [Cav20]. **dual** [ZCT<sup>+</sup>20].

**E-Bayesian** [Han20]. **E-posterior** [Han20]. **echelon** [Oga20d]. **edges** [HCX20]. **effect** [GG20]. **effective** [BAY20a]. **effects** [CM20, YWL20]. **efficiency** [Fre20]. **efficient** [AW20, SYRV20]. **eigenvalue** [Ish20]. **Elementary** [WC20]. **elitist** [PCdP<sup>+</sup>20]. **Empirical** [SRSB20, ZYZ20, Ver20, ZCT<sup>+</sup>20]. **END** [HN20, LZ20a]. **entropic** [ZCZ20a]. **entropy** [BKM20, KTMKS20, KS20]. **equality** [YKH20, ZCZJ20]. **Equilibrium** [ZLCW20]. **equivalence** [Oga20c]. **equivalent** [HW20]. **error** [CWJC20, GG20, LZ20b, OO20, Ory20, YS20, GZ20]. **errors** [FHHW20, Kim20, ZLH20]. **estimate** [AMM20, HMZ20]. **estimates** [Bic20, MC20]. **estimating** [KTDW20, SSS20]. **Estimation** [BZ20, RYJ20, TK20, YS20, ZCZ20a, DZ20, AW20, BR20, CMMD20, Ema20, EN20, Han20, Jan20, JJ20, SK20c, Kim20, Koh20, KGS20, KHK20, KSY20, KJKC20, LHSK20, LM20, PKK20, Pop20, SPSS20, BS20b, SRSB20, TPS20, AV20, WWWH20, WG20, XZL20, YT20, CZ20, ZYZ20, ZCZ20b, GZ20, vRvR20]. **estimator** [LZ20a, Li20, BM20, Oga20b, OO20, Wu20, ZLH20]. **estimators** [BMP20, ZB20, ÇA20, DKA20, KHSS20, LZ20b, Oga20c, Ory20]. **etc** [Bic20]. **EWMA** [ARA<sup>+</sup>20, Haq20]. **Exact** [Ory20, MAK20]. **exhibiting** [MM20]. **expansion** [ZOD20]. **expectation** [Hu20a, Oga20a]. **expectations** [JKD20].

**expected** [CTEB20, LM20]. **explosive** [KH20a]. **exponential** [BS20a, ÇA20, Han20, MBA20, PKK20, SC20, TPS20, DZ20, ZCZJ20]. **exponentiality** [GM20, ZHA20b]. **exponentially** [KJKC20]. **Exponentiated** [BBH20]. **exposure** [Ker20]. **Extended** [KWY20]. **Extending** [FL20b]. **extensions** [MSM20]. **Extreme** [ZCZ20b].

**factor** [FHHW20]. **factors** [Che20b]. **facts** [TW20]. **Failure** [HCX20, LHS20, MM20]. **false** [Kan20]. **family** [SD20, WZTW20]. **financial** [MBA20]. **finding** [Ima20]. **first** [BM20, ZCT<sup>+</sup>20]. **first-order** [BM20, ZCT<sup>+</sup>20]. **Fisher** [CBJ20]. **fitting** [PAC20]. **flexible** [RBS20]. **floor** [CM20]. **following** [LWKQ20]. **forecast** [zWZ20]. **forecasting** [MBA20]. **formula** [LaM20, RN20]. **formulas** [Oga20a, TW20]. **formulating** [RBS20]. **Fractional** [RBSNB20]. **frailty** [DDL20, HP20]. **framework** [dXG20, Keu20, ZCZ20b]. **free** [HCX20]. **frequency** [Lee20]. **Frequentist** [SM20]. **Frequentist-Bayesian** [SM20]. **function** [EAS20, FL20b, HMZ20, KHK20, Ory20, PKK20, WS20, YS20, ZXSZ20]. **functional** [AMM20, ZYZ20]. **functions** [BZ20, DKA20]. **fundamental** [TW20]. **Further** [Nag20, PK20, Zha20a].

**G** [ZYNX20]. **Gamma** [XTXW20]. **gap** [CFS20, sSL20]. **Gaussian** [EBX20, HP20, Yu20]. **General** [WTT20, KH20b, TW20, WZTW20, WLZ20, ZYY20b]. **generalization** [RTB20]. **Generalized** [RBCG20, BKM20, ÇA20, GK20a, JMQ20, KWY20, KS20, MPM20, MBA20, Sem20, ZCZ20b]. **genetic** [PCdP<sup>+</sup>20]. **geometric** [LHKS20, XTXW20, YP20]. **geostatistical** [RFVR20]. **give** [MC20]. **gradient** [KHK20]. **graduation** [Yam20]. **gray** [zWZ20]. **groups** [JKD20]. **Grubbs** [SC20]. **guarantee** [KJKC20, WDLW20].

**Hamming** [PZZ20]. **Hawkes** [LC20]. **hazard** [HMZ20, LZ20a]. **hazards** [SYRV20]. **heavy** [Lin20, MPM20]. **heavy-tailed** [Lin20, MPM20]. **Henderson** [Yam20]. **Heston** [MZR20]. **heterogeneous** [FCCD20, sK20b]. **heteroscedasticity** [MBA20]. **hierarchical** [WG20]. **high** [AMM20, IHDR20, Ish20, Mao20]. **high-dimension** [Ish20]. **high-dimensional** [Mao20]. **higher** [MC20, NSN20]. **higher-degree** [NSN20]. **Hilbert** [Ko20, TTL20]. **HNBUE** [GM20]. **hurdle** [MPM20]. **hybrid** [Koh20]. **HYGARCH** [BR20]. **hypergeometric** [KL20, RTB20].

**identical** [HCH20]. **identically** [MMZ20]. **II** [SD20, MK20]. **III** [LaM20]. **imperfect** [FL20a]. **implement** [FL20b]. **implementation** [SHC20]. **Improved** [CWJC20, PKK20, AW20, SPSS20, zWZ20, ZLB20]. **impulse** [BZ20]. **imputation** [SK20c]. **inaccuracy** [GK20a]. **inactivity** [PK20]. **INAR** [CH20b, RBSNB20]. **incapability** [GG20]. **incomplete** [KG20, Kha20]. **independence** [Mao20]. **independent** [FCCD20, AV20]. **index** [GG20, HMZ20]. **indexed** [ZYY20a]. **indirect** [SHC20]. **individual**

[NZZ20]. **industry** [BAY20a]. **inequalities** [CH20a, Oga20d, Oga20e].

**Inference**

[LL20, CMCA20, FL20b, NH20, Ohy20, WWWH20, WS20, XTXW20, Yu20].

**inferences** [Ker20]. **inflated** [XTXW20]. **information**

[Che20b, Haq20, KGS20, LLZ20, ZHA20b]. **INLA** [RFVR20]. **innovation**

[RBSNB20]. **inspection** [Lee20, ZY20, ZLZ20b]. **insurance**

[AÜ20, GK20b, Keu20]. **insurers** [LZL20]. **integer** [YK20, ZCT<sup>+</sup>20].

**integer-valued** [YK20]. **integrated** [Ory20]. **inter** [CY20]. **inter-arrival**

[CY20]. **interest** [ZLZ20a]. **interim** [sK20b]. **intermittent** [JC20]. **interval**

[KS20, LHS20, RBS20, zWZ20]. **interval-censored** [LHS20]. **intervals**

[Bic20, KL20, YP20]. **inverse** [CSZ20, HP20, LLZ20, CZ20]. **investment**

[GK20b, LZL20, MZR20, Keu20]. **investment-consumption** [GK20b].

**involving** [LS20, YS20]. **irregular** [Pop20]. **Item** [CM20]. **iterated** [LZ20b].

**jackknife** [HCZ20]. **joint** [Ker20, MK20, XY20]. **joint-exposure** [Ker20].

**jump** [Keu20]. **jump-diffusion** [Keu20].

**Kaplan** [LZ20a]. **Kendall** [LZG20]. **Kernel**

[KHK20, WG20, DKA20, EN20, LM20, Ory20]. **Kuk** [SHC20]. **Kullback**

[ZHA20b].

**lacunary** [EAB20]. **lambda** [MPM20]. **Laplace** [Sem20]. **Large**

[BMP20, LGL20, WC20, HN20, Hu20a, MSM20, MAK20, ZYY20a]. **largest**

[FCCD20]. **last** [MC20]. **latent** [XTXW20]. **Law**

[LZ20b, HN20, MSM20, ZYY20a, KK20]. **laws** [Hu20a, MAK20]. **Least**

[Pop20, WWWH20]. **Leibler** [ZHA20b]. **length** [WS20]. **length-biased**

[WS20]. **Lerch** [Xia20]. **level** [LLZ20, WLZ20, ZCT<sup>+</sup>20]. **levels** [FHHW20].

**Lévy** [Xia20, ZLZ20a]. **Life**

[LNP20, AÜ20, GK20b, JKD20, PK20, WS20, Keu20]. **lifetime**

[BAY20a, CSZ20, SD20]. **likelihood**

[Bic20, ÇA20, CWJC20, JC20, SS20, Ver20, ZCT<sup>+</sup>20, ZYZ20].

**likelihood-based** [Ver20]. **Limit** [EBX20, MMZ20, Zha20a]. **Lindley**

[AV20]. **line** [Ver20]. **linear** [AMM20, LC20, Ema20, HN20, HCZ20, Hu20a,

Kim20, KHSS20, Lee20, Li20, OO20, TW20, ZLH20]. **Liu** [Li20]. **Local**

[AMM20, HB20]. **located** [CTEB20]. **location** [KSY20, NZZ20]. **log**

[PAC20]. **log-concave** [PAC20]. **logarithm** [LZ20b]. **logistic** [AW20]. **long**

[HB20]. **long-memory** [HB20]. **longitudinal** [YWL20]. **loss**

[NSN20, ZXSZ20]. **lost** [CTEB20]. **low** [Ish20]. **low-sample-size** [Ish20].

**Lower** [LLZ20, BS20a, WLZ20, ZYY20b]. **Lower-order** [LLZ20, ZYY20b].

**M** [ZYZ20]. **making** [KTMKS20]. **Mann** [Che20a]. **Manson** [WT20].

**marginals** [Bay20b]. **margins** [FL20b]. **Markov**

[BR20, Cav20, Oga20d, Oga20e, ZYY20a]. **Markovian**

[LWKQ20, MB20, ZOD20]. **martingale** [MMZ20]. **masked** [CSZ20].

**Mathematical** [RIA20]. **matrices** [ZB20, Wic20, YKH20]. **matrix** [TK20, Wic20, Yam20, Zen20]. **matrix-variate** [Wic20]. **maxima** [Lin20]. **maximum** [Bic20, ÇA20, Ima20]. **Maxwell** [RTB20]. **mean** [DJW<sup>+</sup>20, Haq20, SK20c, Ory20, SSS20, SPSS20, WS20, XZR<sup>+</sup>20, ZLZ20b]. **mean-variance** [XZR<sup>+</sup>20]. **means** [LC20, Ima20]. **measure** [dXG20, GK20a]. **measurement** [CWJC20, GG20, YS20, GZ20]. **measurements** [HAA<sup>+</sup>20]. **Measuring** [KK20]. **Meier** [LZ20a]. **memory** [HB20]. **mesh** [RFVR20]. **method** [BMP20, LC20, SD20, FL20b, GA20, Lee20, RIA20, SYRV20, SC20, BS20b, zWZ20]. **method-of-quantiles** [BMP20]. **methods** [ZB20, SK20c, SRSB20, WTT20]. **microarray** [Kan20]. **minimax** [Ema20]. **Minimizing** [CTEB20]. **Minimum** [Kim20, KJKC20, Oga20b, WLZ20, WDLW20, ZYY20b]. **mismeasured** [LHS20]. **mispricing** [MZR20]. **missing** [YKH20]. **misspecification** [Oga20b]. **mix** [XY20]. **mixed** [BAAJ20, Li20, Keu20]. **mixing** [HB20, Kim20, dS20]. **mixture** [JJ20, PAC20]. **MLE** [Hu20b]. **Model** [HCZ20, AW20, BR20, CWJC20, CY20, DKA20, EBX20, FL20a, HCH20, IHDR20, Ish20, Jan20, JMQ20, KTDW20, HK20, LYC20, Li20, LGL20, LNP20, LMM20, MZR20, MPM20, MB20, BM20, MBA20, NZZ20, Oga20b, OO20, Pou20, PAC20, SYRV20, SHC20, WT20, TW20, AV20, Ver20, WZTW20, XTXW20, Yu20, ZXSZ20, ZLH20]. **Models** [SRA20, BBH20, Cav20, CFS20, CW20, DDL20, Ema20, FL20b, HP20, HCZ20, LZ20b, SRSB20, YWL20, ZYZ20, GZ20, ZOD20, vRvR20]. **Moderate** [LCF20]. **Modified** [ZB20, RBCG20]. **molecularly** [sK20b]. **moment** [CCW<sup>+</sup>20, Ko20]. **Monitoring** [KHSS20, SS20, ZLZ20b]. **monotone** [YKH20]. **Monte** [SM20]. **month** [MC20]. **mortality** [WDLW20, ZLZ20a]. **motion** [Sem20]. **multi** [sK20a, Pou20, XZR<sup>+</sup>20]. **multi-period** [XZR<sup>+</sup>20]. **multi-regional** [sK20a]. **multi-state** [Pou20]. **multicollinearity** [GZ20]. **multicomponent** [KTDW20]. **Multiple** [Ima20, DKA20, Lee20, LWKQ20, Oga20e, WWZ20, Wic20]. **multistate** [JC20, ZLB20]. **multivariate** [Bay20b, CWJC20, CBJ20, dXG20, Hu20b, KHSS20, KSY20, Oga20e, RYJ20, Sem20, TK20]. **mutation** [PCdP<sup>+</sup>20]. **mutual** [KGS20, Mao20].

**needed** [SYRV20]. **negative** [RTB20, Xia20]. **negative-binomial** [Xia20]. **negatively** [CCW<sup>+</sup>20, Ko20, LM20, SPSS20, TTL20, ZLH20]. **network** [HCX20]. **networks** [GA20, HCX20, SS20, ZLB20]. **neural** [GA20]. **no** [CM20]. **nodes** [HCX20]. **noise** [ZCT<sup>+</sup>20]. **noises** [HB20]. **Non** [KGS20, GA20, HCH20, Ima20, JJ20, SK20c, YS20, ZOD20]. **non-Markovian** [ZOD20]. **non-maximum** [Ima20]. **Non-parametric** [KGS20]. **non-response** [SK20c]. **non-stationary** [GA20]. **nonlinear** [LZ20b]. **Nonparametric** [CMCA20, EN20, sSL20, LM20, WS20, Haq20, LL20, BS20b, Wu20]. **nonstandard** [LGL20]. **normal** [EAS20, Ima20, KSY20, LMM20, TK20, Wic20, YKH20]. **normality**

[HB20, HMZ20]. **normalized** [DJW<sup>+</sup>20, Zha20a]. **note** [Ko20, Sem20, SWYF20, Yam20, XY20]. **novel** [GA20]. **NSD** [CH20a]. **number** [Che20b, LYC20]. **numbers** [HN20, Hu20a, MSM20, MAK20, NNS20, ZYY20a]. **Numerical** [LC20].

**observation** [JC20, CW20]. **observation-driven** [CW20]. **observations** [LZ20a, XZL20]. **obstacle** [HWY20]. **Occam** [Bic20]. **occasion** [SK20c, SPSS20]. **occasional** [ZCT<sup>+</sup>20]. **on-line** [Ver20]. **one** [BMP20, XTXW20, ZY20]. **one-dimensional** [BMP20]. **one-shot** [ZY20]. **operator** [KWY20, Nag20]. **Optimal** [GK20b, LZL20, MZR20, WIN20, WDLW20, Wu20, YP20, Keu20]. **Optimization** [ZYNX20, XZR<sup>+</sup>20]. **option** [RN20]. **order** [BKM20, CBJ20, EAB20, FCCD20, EG20, Hu20b, LLZ20, Lin20, BM20, RIA20, WLZ20, ZCT<sup>+</sup>20, ZYY20b]. **ordered** [JMQ20]. **Ordering** [FCCD20, NZZ20]. **orderings** [BBH20]. **ordinal** [GZ20]. **Ornstein** [XZL20]. **orthant** [LGL20]. **Orthogonal** [SAP20, PZZ20, Pop20]. **outcomes** [Ohy20, WZA20]. **output** [BZ20]. **overdispersion** [CH20b]. **overlap** [ZCZJ20].

**parallel** [BBH20, CSZ20]. **Parameter** [YK20, AV20, XZL20, GZ20, CW20, SD20, Han20, PKK20, YP20, ZXSZ20, ZCZJ20]. **parameters** [BMP20, ÇA20, KSY20]. **parametric** [JJ20, KGS20, HK20]. **Pareto** [ZCZ20b]. **partial** [CCW<sup>+</sup>20, SAP20]. **partially** [HCZ20, KG20, Kha20]. **participating** [WDLW20]. **patterns** [SPSS20]. **PCA** [SS20]. **PDEs** [HWY20]. **peaks** [ZCZ20b]. **peaks-over-threshold** [ZCZ20b]. **Pearson** [Mao20]. **Penalized** [JJ20]. **pension** [MZR20]. **performance** [WIN20]. **period** [XZR<sup>+</sup>20]. **periodic** [YK20, BM20]. **periods** [HAA<sup>+</sup>20]. **permutation** [CZ20]. **permutation-based** [CZ20]. **perspective** [ZCZ20a]. **phase** [ZOD20]. **phi** [Oga20b]. **phi-divergence** [Oga20b]. **physical** [WIN20]. **plan** [BAAJ20, MZR20, ZY20]. **plans** [WIN20]. **point** [AMM20, WWZ20]. **Poisson** [CH20b, HK20, LYC20, LZH20, RTB20, LS20]. **policies** [MDZN20]. **policy** [LWKQ20, ZLCW20]. **Pólya** [XTXW20]. **polynomial** [Pop20]. **population** [DDL20, SK20c, SPSS20, YS20, ZCZ20a]. **populations** [FCCD20]. **portfolio** [XZR<sup>+</sup>20]. **positive** [SNS20]. **positively** [SPSS20]. **possible** [Oga20b]. **posterior** [Han20]. **poverty** [Jan20]. **power** [ÇA20, DJW<sup>+</sup>20]. **precise** [WC20]. **predict** [GA20]. **Predicting** [BAY20a]. **Prediction** [KL20]. **predictive** [CMCA20, HK20, Oga20c]. **Preface** [ZS20]. **premium** [LZL20]. **premiums** [AÜ20]. **presence** [SPSS20, YS20]. **present** [LGL20]. **preserve** [BBH20]. **Preventive** [MDZN20]. **pricing** [RN20]. **prime** [EN20]. **probabilistic** [LZG20]. **probabilities** [CY20]. **Probability** [CH20a, PCdP<sup>+</sup>20, RBS20]. **probit** [GZ20, JMQ20]. **problem** [CBJ20, MNAM20]. **problems** [HWY20, ZYNX20]. **procedure** [CBJ20, sK20b, Lee20, RBS20, SPSS20]. **procedures** [Ima20]. **process** [HB20, GG20, Haq20, CH20b, KTMKS20, YK20, LYC20, LWKQ20, NNS20,



LS20, Xia20, ZCT<sup>+</sup>20, ZLZ20b]. **processes** [JC20, LC20, HN20, KWY20, KH20a, BM20, RBSNB20, WWWH20, XZL20, Yu20, ZLZ20a]. **production** [NNS20]. **products** [MDZN20]. **profile** [Ker20]. **profiles** [KHSS20]. **progressive** [Koh20, MK20]. **progressively** [TPS20]. **projected** [Che20b]. **proof** [RIA20]. **Properties** [Jan20, ÇA20, FCCD20, LZH20, LZG20, LNP20, NSN20, Zen20, ZYY20b, SZ20]. **proportion** [JJ20]. **proportional** [SYRV20]. **proportions** [Jan20]. **pseudo** [Hu20b].

**quadrant** [SNS20]. **Quadratic** [HWWY20]. **quality** [SRSB20]. **quantal** [Ker20]. **Quantile** [TPS20, WTT20]. **quantiles** [BMP20, CMMD20]. **quantitative** [Ker20]. **quasi** [HMZ20]. **quasi-associated** [HMZ20]. **questions** [SHC20]. **queue** [ZLCW20]. **quotient** [SNS20].

**R** [RFVR20]. **R-INLA** [RFVR20]. **radio** [Lee20]. **random** [ZB20, CH20a, CCW<sup>+</sup>20, WC20, CMMD20, EBX20, HN20, KH20a, Ko20, LZH20, LCF20, MAK20, Oga20a, PK20, SNS20, TTL20, XY20, YWL20, ZCT<sup>+</sup>20, ZGQN20, SZ20, dS20]. **random-effects** [YWL20]. **randomization** [WZA20]. **randomized** [HCH20, SHC20]. **randomly** [CTEB20, Lin20]. **Rank** [WWZ20, vRvR20]. **Rank-based** [WWZ20]. **ranked** [Fre20, DZ20]. **ranked-set** [Fre20]. **Rate** [RN20, Kan20, MM20, PCdP<sup>+</sup>20, ZLZ20a]. **raters** [Ohy20]. **rates** [HN20, Jan20]. **ratio** [CWJC20, Jas20, SS20]. **ratios** [DJW<sup>+</sup>20, MAK20]. **razors** [Bic20]. **real** [Oga20a]. **real-valued** [Oga20a]. **record** [EBX20]. **records** [Jas20]. **recurrent** [CFS20, sSL20]. **recursive** [BS20b]. **reduced** [vRvR20]. **Reducing** [SYRV20]. **reduction** [SWYF20]. **redundancy** [MNAM20]. **reflected** [HWWY20]. **regional** [sK20a]. **Regression** [IHDR20, LHS20, AW20, ZB20, DKA20, Jan20, Kim20, KHK20, Lee20, Li20, LMM20, OO20, Pop20, WTT20, XTXW20, ZLH20, vRvR20]. **regressions** [JJ20]. **regular** [dXG20, WLZ20]. **rejuvenation** [ZOD20]. **related** [HWWY20]. **Reliability** [WZTW20, KTDW20, KJKC20, MNAM20, RYJ20, DZ20, ZLB20]. **reliability-redundancy** [MNAM20]. **reliant** [Che20b]. **remarks** [TW20]. **renewal** [CY20, WC20, LGL20]. **Rényi** [BKM20]. **repairable** [LWKQ20]. **repeated** [HAA<sup>+</sup>20]. **repeaters** [Lee20]. **replacement** [MDZN20, ZGQN20]. **replicated** [CWJC20]. **reporting** [MC20]. **representation** [Cav20]. **research** [Zha20a]. **residual** [GK20a, PK20, WS20]. **response** [BZ20, FHHW20, HCH20, SK20c, SSS20, SHC20, YS20]. **Restricted** [Ema20, Hu20b]. **restriction** [HK20]. **restrictions** [Hu20b]. **results** [BS20a, Nag20, NZZ20, PK20]. **retrial** [ZLCW20]. **returns** [XZR<sup>+</sup>20]. **ridge** [OO20]. **right** [WS20]. **right-censored** [WS20]. **Risk** [CH20b, AMM20, CY20, dXG20, Han20, Ker20, LYC20, LGL20, MB20, NZZ20, AV20, WDLW20, ZCZ20b]. **Robust** [CSZ20, NH20, ZB20, KHSS20, SRSB20]. **robustness** [ÇA20, FHHW20]. **ROC** [Wu20]. **rotation** [SPSS20]. **rowwise** [CCW<sup>+</sup>20]. **ruin** [CY20]. **rule** [ZXSZ20]. **run** [NNS20].

**Sample** [WZA20, SD20, Ish20, sK20a, SYRV20]. **samples** [DJW<sup>+</sup>20, Han20, Koh20]. **Sampling** [PF20, BAAJ20, ZB20, Fre20, SK20c, SYRV20, YT20, ZY20, DZ20]. **saturated** [PZZ20]. **scale** [HCX20, NZZ20, PKK20]. **scale-free** [HCX20]. **scheme** [MK20]. **scoring** [Zen20]. **scrambled** [SSS20]. **search** [CTEB20]. **Second** [CBJ20, Lin20]. **Second-order** [CBJ20]. **selection** [sK20b, Ory20, YWL20]. **selector** [BS20b]. **self** [Che20b, DJW<sup>+</sup>20, Yu20, Zha20a]. **self-normalized** [DJW<sup>+</sup>20, Zha20a]. **self-reliant** [Che20b]. **self-similar** [Yu20]. **Semiparametric** [DKA20, Ema20, SWYF20, YWL20]. **sensitive** [HCH20, LHSK20]. **sensitivity** [SSS20]. **sequence** [EBX20, RBSNB20]. **sequences** [LM20]. **sequential** [HW20]. **serially** [XZR<sup>+</sup>20]. **series** [BBH20, CW20, GA20, MBA20]. **set** [Fre20, DZ20]. **setup** [ZLCW20]. **severities** [NZZ20]. **SGPII** [RYJ20]. **Shafer** [KTMKS20]. **sharpened** [Bic20]. **shift** [ZCT<sup>+</sup>20]. **shifts** [ZLZ20b]. **shock** [LNP20, Pou20]. **short** [NNS20]. **shortfall** [LM20]. **shot** [ZY20]. **Shrinkage** [KSY20]. **sign** [ARA<sup>+</sup>20]. **significance** [Bic20]. **similar** [Yu20]. **simple** [KHSS20]. **single** [HMZ20]. **size** [Ish20, sK20a, SYRV20, WZA20, ZCZ20a]. **sizes** [HAA<sup>+</sup>20, WZA20]. **skew** [KSY20, TK20, XZL20]. **skew-normal** [KSY20, TK20]. **slash** [RBCG20]. **Slow** [KH20a]. **Slow-explosive** [KH20a]. **Small** [vRvR20, Jan20, ZLZ20b]. **smooth** [BR20]. **smoother** [Yam20]. **social** [SS20]. **solving** [MNAM20]. **Some** [HAA<sup>+</sup>20, SK20c, LZH20, MSM20, TW20, ZYY20b, KH20b, NSN20]. **spaces** [Ko20, TTL20]. **spacings** [BS20a]. **Spatial** [AMM20, BS20b]. **SPC** [NNS20]. **Spectral** [Cav20]. **speedy** [RIA20]. **spherically** [OO20]. **spiked** [Ish20]. **square** [KG20]. **squared** [Ory20]. **squares** [LaM20, Pop20]. **Stability** [BR20]. **stable** [LMM20]. **stage** [CBJ20, Kan20]. **standard** [EAS20]. **standby** [LWKQ20]. **state** [Pou20]. **stationary** [EBX20, GA20]. **statistic** [ARA<sup>+</sup>20, Che20a]. **Statistical** [NNS20, Ohy20, WT20, Yu20, EAB20, EG20, TW20]. **statistics** [BKM20, DJW<sup>+</sup>20, FCCD20, IHDR20]. **step** [AV20]. **stochastic** [BBH20, FL20a, Li20, LGL20, BM20, BS20b, ZLZ20a]. **stop** [NSN20]. **stop-loss** [NSN20]. **strategies** [MNAM20, XZR<sup>+</sup>20, Keu20, ZLCW20]. **strategy** [MZR20]. **stratified** [ZB20, HCH20, LHSK20]. **strength** [KTDW20, KJKC20, PZZ20, RYJ20, WZTW20]. **Stress** [KJKC20, KTDW20, RYJ20, AV20, WZTW20]. **Stress-strength** [KJKC20, KTDW20, RYJ20, WZTW20]. **Strong** [ZYY20a, HB20, Hu20a, Kim20, MAK20, SZ20]. **strongly** [Ish20]. **structure** [Cav20]. **studies** [Kan20]. **study** [NNS20, SRSB20]. **sub** [Hu20a]. **sub-linear** [Hu20a]. **subgroup** [LHS20]. **subject** [sK20b]. **subpopulations** [DDL20]. **successive** [SK20c]. **Sudoku** [KG20]. **sum** [Kha20]. **sums** [CH20a, CCW<sup>+</sup>20, CMMD20, LaM20, Lin20, LCF20, TTL20, Zha20a, ZYY20a, SZ20, dS20]. **superadditive** [CCW<sup>+</sup>20, TTL20]. **supercompensation** [WIN20]. **support** [LZG20]. **sure** [TTL20, dS20].

**surface** [FHHW20]. **surplus** [LS20]. **surrogate** [IHDR20]. **survey** [MPM20]. **survival** [BAY20a, HP20, LZ20a]. **switch** [BR20]. **switching** [Cav20]. **Symmetric** [PF20, OO20, PAC20]. **synthetic** [ZLZ20b]. **system** [CSZ20, KJKC20, LWKQ20, Pou20, DZ20, ZYNX20]. **systems** [BBH20, BZ20, ZY20].

**tackling** [GZ20]. **tail** [dXG20, Lin20, ZCZ20b]. **tailed** [Lin20, MPM20]. **tails** [LCF20]. **target** [CTEB20]. **technique** [AW20, CTEB20, CM20]. **telecommunication** [BAY20a]. **temperature** [WT20]. **tempered** [LMM20]. **Test** [CW20, JKD20, CMCA20, SD20, DJW<sup>+</sup>20, GM20, HW20, YK20, SS20, WT20, ZHA20b]. **Testing** [YKH20, ZCZJ20, SM20]. **tests** [CWJC20, Mao20]. **th** [Jas20]. **their** [Lin20, MAK20]. **theorems** [WC20, MMZ20, Zha20a]. **Theory** [WTT20, KTMKS20]. **thinning** [KWE20]. **third** [RIA20]. **Three** [WLZ20, CBJ20]. **Three-level** [WLZ20]. **three-stage** [CBJ20]. **threshold** [ZCZ20b]. **thresholds** [CMCA20]. **Time** [XZR<sup>+</sup>20, CTEB20, CW20, GA20, KJKC20, sSL20, LYC20, LZ20a, LHS20, BM20, MBA20, PK20, ZOD20, ZLCW20]. **time-based** [ZOD20]. **Time-consistent** [XZR<sup>+</sup>20]. **time-varying** [BM20]. **times** [CFS20, CY20, ZGQN20]. **Tobit** [FL20b]. **training** [WIN20]. **transformation** [CFS20]. **transforms** [NSN20]. **transition** [BR20]. **transitivity** [LZG20]. **transmuted** [SRA20]. **tree** [ZYY20a]. **trend** [MM20]. **trial** [sK20a]. **triallel** [SAP20]. **trials** [HCH20, sK20b, WZA20]. **trivariate** [FL20b]. **truncated** [HW20, WZTW20]. **Two** [Kan20, BZ20, CY20, DJW<sup>+</sup>20, HAA<sup>+</sup>20, JKD20, SK20c, LLZ20, Ohy20, SPSS20, Wic20, YKH20, ZCZJ20]. **two-dimensional** [CY20]. **two-level** [LLZ20]. **two-occasion** [SK20c, SPSS20]. **two-output** [BZ20]. **Two-stage** [Kan20]. **type** [CMMD20, Han20, Koh20, BM20, RTB20, AV20, Yu20, SD20, LaM20, MK20]. **Type-II** [SD20, MK20].

**Uhlenbeck** [XZL20]. **unbalanced** [Fre20]. **unit** [RBS20]. **update** [MDZN20]. **upper** [LGL20]. **Use** [SSS20, sK20b]. **using** [ARA<sup>+</sup>20, ZB20, CTEB20, HCH20, KHSS20, Lee20, LHSK20, MBA20, RFVR20, SYRV20, XTXW20, vRvR20].

**vacations** [LWKQ20]. **Valuation** [ZLZ20a]. **value** [LGL20]. **valued** [YK20, Oga20a, ZCT<sup>+</sup>20]. **values** [Bic20]. **Variable** [YWL20, SSS20]. **variables** [CH20a, CCW<sup>+</sup>20, WC20, CMMD20, LZH20, LCF20, MAK20, SNS20, SPSS20, XTXW20, SZ20, dS20]. **Variance** [YT20, DJW<sup>+</sup>20, XZR<sup>+</sup>20]. **variate** [Wic20]. **Variation** [PF20, dXG20]. **varying** [HCZ20, LCF20, BM20, WZA20]. **varying-coefficient** [HCZ20]. **Vasicek** [Yu20]. **Vasicek-type** [Yu20]. **vecd** [Nag20]. **vector** [Wic20]. **vectors** [Ko20, Oga20a, TTL20, XY20]. **via** [DJW<sup>+</sup>20, NH20, PF20, ZCZJ20]. **Volatility** [MBA20].

**walk** [KH20a]. **Walker** [BM20]. **warm** [LWKQ20]. **Water** [MNAM20]. **wavelet** [GA20, MBA20]. **Weak** [Hu20a, ZLH20, EAB20, Jas20]. **weakly** [HAA<sup>+</sup>20]. **Weaver** [SC20]. **week** [MC20]. **Weibull** [CSZ20]. **weighted** [Lin20, LCF20, SZ20, dS20]. **Whitney** [Che20a]. **Whittaker** [Yam20]. **widely** [WC20, LGL20]. **WUOD** [LCF20].

**XII** [Koh20].

**Yates** [LLZ20]. **Yates-order** [LLZ20]. **Yule** [KH20b, BM20].

**zero** [XTXW20]. **zero-and-one-inflated** [XTXW20]. **Zhang** [ZXSZ20].

## References

**Abeidallah:2020:LLE**

[AMM20] M. Abeidallah, B. Mehab, and T. Merouan. Local linear estimate of the point at high risk: Spatial functional data case. *Communications in Statistics: Theory and Methods*, 49(11):2561–2584, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580735>.

**Anonymous:2020:C**

[Ano20] Anonymous. Correction. *Communications in Statistics: Theory and Methods*, 49(7):1792, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1723326>.

**Aslam:2020:DSC**

[ARA<sup>+</sup>20] Muhammad Aslam, Muhammad Ali Raza, Muhammad Azam, Liaquat Ahmad, and Chi-Hyuck Jun. Design of a sign chart using a new EWMA statistic. *Communications in Statistics: Theory and Methods*, 49(6):1299–1310, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563163>.

**Alpman:2020:APA**

[AÜ20] Burcu Alpman and Deniz Ünal. Accelerating the premiums for annuities, life annuities and life insurance. *Communications in Statistics: Theory and Methods*, 49(7):1665–1694, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X

(electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1564329>.

**Vaidyanathan:2020:PEL**

- [AV20] Sharon Varghese A. and V. S. Vaidyanathan. Parameter estimation of Lindley step stress model with independent competing risk under type 1 censoring. *Communications in Statistics: Theory and Methods*, 49(12):3026–3043, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584317>.

**Asar:2020:IEB**

- [AW20] Yasin Asar and Jibo Wu. An improved and efficient biased estimation technique in logistic regression model. *Communications in Statistics: Theory and Methods*, 49(9):2237–2252, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568494>.

**Balamurali:2020:MDS**

- [BAAJ20] Saminathan Balamurali, Muhammad Aslam, Liaquat Ahmad, and Chi-Hyuck Jun. A mixed double sampling plan based on  $C_{pk}$ . *Communications in Statistics: Theory and Methods*, 49(8):1840–1857, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565836>.

**Bansal:2020:PEC**

- [BAY20a] Gunjan Bansal, Adarsh Anand, and V. S. S. Yadavalli. Predicting effective customer lifetime: an application of survival analysis for telecommunication industry. *Communications in Statistics: Theory and Methods*, 49(10):2305–2320, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1570264>.

**Bayramoglu:2020:BMD**

- [Bay20b] Ismihan Bayramoglu. Bivariate and multivariate distributions with bimodal marginals. *Communications in Statistics: Theory and Methods*, 49(2):361–384, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543766>.

**Balakrishnan:2020:EMP**

- [BBH20] Narayanaswamy Balakrishnan, Ghobad Barmalzan, and Abedin Haidari. Exponentiated models preserve stochastic orderings of parallel and series systems. *Communications in Statistics: Theory and Methods*, 49(7):1592–1602, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1532007>.

**Bickel:2020:CIS**

- [Bic20] David R. Bickel. Confidence intervals, significance values, maximum likelihood estimates, etc. sharpened into Occam’s razors. *Communications in Statistics: Theory and Methods*, 49(11):2703–2712, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580739>.

**Bedbur:2020:RNE**

- [BKM20] Stefan Bedbur, Udo Kamps, and Miriam Marner. Rényi entropy of  $m$ -generalized order statistics. *Communications in Statistics: Theory and Methods*, 49(14):3397–3406, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1588321>.

**Merahi:2020:YWT**

- [BM20] Abdelouahab Bibi and Fateh Merahi. Yule–Walker type estimator of first-order time-varying periodic bilinear differential model for stochastic processes. *Communications in Statistics: Theory and Methods*, 49(16):4046–4072, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594300>.

**Bignozzi:2020:LDM**

- [BMP20] Valeria Bignozzi, Claudio Macci, and Lea Petrella. Large deviations for method-of-quantiles estimators of one-dimensional parameters. *Communications in Statistics: Theory and Methods*, 49(5):1132–1157, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554134>.

**Basatini:2020:MSS**

- [BR20] Ferdous Mohammadi Basatini and Saeid Rezakhah. Markov switch smooth transition HYGARCH model: Stability and estimation. *Communications in Statistics: Theory and Methods*, 49(10):2384–2409, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576884>.

**Berred:2020:ARL**

- [BS20a] Alexandre Berred and Alexei Stepanov. Asymptotic results for lower exponential spacings. *Communications in Statistics: Theory and Methods*, 49(7):1730–1741, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565781>.

**Slaoui:2020:BSN**

- [BS20b] Salim Bouzebda and Yousri Slaoui. Bandwidth selector for nonparametric recursive density estimation for spatial data defined by stochastic approximation method. *Communications in Statistics: Theory and Methods*, 49(12):2942–2963, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584313>.

**Blazhievskaya:2020:EIR**

- [BZ20] Irina Blazhievskaya and Vladimir Zaiats. Estimation of impulse response functions in two-output systems. *Communications in Statistics: Theory and Methods*, 49(2):257–280, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1536210>.

**Cankaya:2020:RPM**

- [ÇA20] Mehmet Niyazi Çankaya and Olcay Arslan. On the robustness properties for maximum likelihood estimators of parameters in exponential power and generalized  $T$  distributions. *Communications in Statistics: Theory and Methods*, 49(3):607–630, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549243>.

**Cavicchioli:2020:SRA**

- [Cav20] Maddalena Cavicchioli. Spectral representation and autocovariance structure of Markov switching DSGE models. *Communications in Statistics: Theory and Methods*, 49(7):1635–1652, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563184>.

**Chaturvedi:2020:SOA**

- [CBJ20] Ajit Chaturvedi, Sudeep R. Bapat, and Neeraj Joshi. Second-order approximations for a multivariate analog of Behrens–Fisher problem through three-stage procedure. *Communications in Statistics: Theory and Methods*, 49(14):3466–3480, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589517>.

**Chen:2020:CMC**

- [CCW+20] Meiqian Chen, Kan Chen, Zijian Wang, Zhengliang Lu, and Xuejun Wang. Complete moment convergence for partial sums of arrays of rowwise negatively superadditive dependent random variables. *Communications in Statistics: Theory and Methods*, 49(5):1158–1173, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554136>.

**Chen:2020:CAT**

- [CFS20] Ling Chen, Yanqin Feng, and Jianguo Sun. A class of additive transformation models for recurrent gap times. *Communications in Statistics: Theory and Methods*, 49(16):4030–4045, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594299>.

**Cai:2020:PIS**

- [CH20a] Ting Cai and Hong Chang Hu. Probability inequalities for sums of NSD random variables and applications. *Communications in Statistics: Theory and Methods*, 49(2):281–306, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1536211>.



**Hu:2020:RAD**

- [CH20b] Mi Chen and Xiang Hu. Risk aggregation with dependence and overdispersion based on the compound Poisson INAR(1) process. *Communications in Statistics: Theory and Methods*, 49(16):3985–4001, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594297>.

**Chechile:2020:BAM**

- [Che20a] Richard A. Chechile. A Bayesian analysis for the Mann–Whitney statistic. *Communications in Statistics: Theory and Methods*, 49(3):670–696, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549247>.

**Chen:2020:SRP**

- [Che20b] Mingjing Chen. A self-reliant projected information criterion for the number of factors. *Communications in Statistics: Theory and Methods*, 49(10):2466–2484, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576889>.

**Christofides:2020:ICT**

- [CM20] Tasos C. Christofides and Eleni Manoli. Item count technique with no floor and ceiling effects. *Communications in Statistics: Theory and Methods*, 49(6):1330–1356, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563165>.

**Coolen-Maturi:2020:NPI**

- [CMCA20] Tahani Coolen-Maturi, Frank P. A. Coolen, and Manal Alabdulhadi. Nonparametric predictive inference for diagnostic test thresholds. *Communications in Statistics: Theory and Methods*, 49(3):697–725, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549249>.

**Cuberos:2020:CCT**

- [CMMD20] A. Cuberos, E. Masiello, and V. Maume-Deschamps. Copulas checker-type approximations: Application to quantiles estimation of sums of dependent random variables. *Communi-*

*cations in Statistics: Theory and Methods*, 49(12):3044–3062, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586936>.

**Cai:2020:RBA**

- [CSZ20] Jing Cai, Yimin Shi, and Yongjin Zhang. Robust Bayesian analysis for parallel system with masked data under inverse Weibull lifetime distribution. *Communications in Statistics: Theory and Methods*, 49(6):1422–1434, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563173>.

**Caraballo:2020:MET**

- [CTEB20] Tomás Caraballo, Abd El-Moneim Anwar Teamah, and Abd Aziz Hosni El-Bagoury. Minimizing the expected time to detect a randomly located lost target using 3-dimensional search technique. *Communications in Statistics: Theory and Methods*, 49(13):3313–3328, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1588323>.

**Cui:2020:TPC**

- [CW20] Yunwei Cui and Rongning Wu. Test of parameter changes in a class of observation-driven models for count time series. *Communications in Statistics: Theory and Methods*, 49(8):1933–1959, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565843>.

**Cao:2020:ILR**

- [CWJC20] Chunzheng Cao, Yahui Wang, Shaobo Jin, and Yunjie Chen. Improved likelihood ratio tests in a measurement error model for multivariate replicated data. *Communications in Statistics: Theory and Methods*, 49(5):1025–1042, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554125>.

**Cheng:2020:ARP**

- [CY20] Dongya Cheng and Changjun Yu. Asymptotic ruin probabilities of a two-dimensional renewal risk model with dependent interarrival times. *Communications in Statistics: Theory and Methods*, 49(7):1742–1760, 2020. CODEN CSTMDC. ISSN 0361-0926

(print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565782>.

**Zhang:2020:PBB**

- [CZ20] Xuan Cao and Shaojun Zhang. A permutation-based Bayesian approach for inverse covariance estimation. *Communications in Statistics: Theory and Methods*, 49(14):3557–3571, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1590601>.

**Da:2020:CPS**

- [DDL20] Gaofeng Da, Weiyong Ding, and Xiaohu Li. On comparisons of population and subpopulations in frailty models. *Communications in Statistics: Theory and Methods*, 49(15):3698–3711, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1708401>.

**Ding:2020:CRM**

- [DJW<sup>+</sup>20] Shu Ding, Baisuo Jin, Yuehua Wu, Jing Li, and Baiqi Miao. Comparing ratios of the mean to a power of variance in two samples via self-normalized test statistics. *Communications in Statistics: Theory and Methods*, 49(11):2787–2799, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584305>.

**Djerroud:2020:SMK**

- [DKA20] Lamia Djerroud, Tristan Senga Kiessé, and Smail Adjabi. Semi-parametric multiple kernel estimators and model diagnostics for count regression functions. *Communications in Statistics: Theory and Methods*, 49(9):2131–2157, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568488>.

**daSilva:2020:ASC**

- [dS20] João Lita da Silva. Almost sure convergence for weighted sums of  $\phi$ -mixing random variables with applications. *Communications in Statistics: Theory and Methods*, 49(16):3882–3894, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594302>.

**Gan:2020:AAT**

- [dXG20] Guo dong Xing and Xiaoli Gan. Asymptotic analysis of tail distortion risk measure under the framework of multivariate regular variation. *Communications in Statistics: Theory and Methods*, 49(12):2931–2941, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584312>.

**Zhang:2020:ESR**

- [DZ20] Xiaofang Dong and Liangyong Zhang. Estimation of system reliability for exponential distributions based on  $L$  ranked set sampling. *Communications in Statistics: Theory and Methods*, 49(15):3650–3662, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1691735>.

**Ercan:2020:LWS**

- [EAB20] Sinan Ercan, Yavuz Altin, and Çiğdem A. Bektaş. On lacunary weak statistical convergence of order  $\alpha$ . *Communications in Statistics: Theory and Methods*, 49(7):1653–1664, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563185>.

**Eidous:2020:NAS**

- [EAS20] Omar M. Eidous and Rima Abu-Shareefa. New approximations for standard normal distribution function. *Communications in Statistics: Theory and Methods*, 49(6):1357–1374, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563166>.

**Elgawad:2020:LDR**

- [EBX20] M. A. Abd Elgawad, H. M. Barakat, and S. Xiong. Limit distributions of random record model in a stationary Gaussian sequence. *Communications in Statistics: Theory and Methods*, 49(5):1099–1119, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554131>.

**Gidemen:2020:IVF**

- [EG20] Mikail Et and Hatice Gidemen. On  $\Delta_v^n$ -statistical convergence of order  $\alpha$ . *Communications in Statistics: Theory and Meth-*

*ods*, 49(14):3521–3529, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589520>.

**Emami:2020:RME**

- [Ema20] Hadi Emami. Restricted minimax estimation in semiparametric linear models. *Communications in Statistics: Theory and Methods*, 49(8):1793–1800, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565783>.

**Ercelik:2020:NDE**

- [EN20] Elif Erçelik and Mustafa Nadar. Nonparametric density estimation based on beta prime kernel. *Communications in Statistics: Theory and Methods*, 49(2):325–342, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1538458>.

**Fang:2020:OPL**

- [FCCD20] Longxiang Fang, Meifang Cheng, Daoxiang Cao, and Ying Ding. Ordering properties of largest order statistics from independent and heterogeneous Dagum populations. *Communications in Statistics: Theory and Methods*, 49(7):1768–1779, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565835>.

**Fang:2020:RRS**

- [FHHW20] Juntao Fang, Zhen He, Shuguang He, and Guodong Wang. The robustness of response surface designs with errors in factor levels. *Communications in Statistics: Theory and Methods*, 49(10):2365–2383, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576883>.

**Fang:2020:SMC**

- [FL20a] Rui Fang and Xiaohu Li. A stochastic model of cyber attacks with imperfect detection. *Communications in Statistics: Theory and Methods*, 49(9):2158–2175, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568489>.

**Ferreira:2020:EIF**

- [FL20b] Paulo H. Ferreira and Francisco Louzada. Extending the inference function for augmented margins method to implement trivariate Clayton copula-based SUR Tobit models. *Communications in Statistics: Theory and Methods*, 49(6):1375–1401, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563167>.

**Frey:2020:BEU**

- [Fre20] Jesse Frey. Bounds on the efficiency of unbalanced ranked-set sampling. *Communications in Statistics: Theory and Methods*, 49(1):243–256, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543769>.

**Ghanbarzadeh:2020:NWA**

- [GA20] Mitra Ghanbarzadeh and Mina Aminghafari. A novel wavelet artificial neural networks method to predict non-stationary time series. *Communications in Statistics: Theory and Methods*, 49(4):864–878, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549259>.

**Gildeh:2020:EME**

- [GG20] Bahram Sadeghpour Gildeh and Zainab Abbasi Ganji. The effect of measurement error on the process incapability index. *Communications in Statistics: Theory and Methods*, 49(3):552–566, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543777>.

**Ghosh:2020:GCC**

- [GK20a] Amit Ghosh and Chanchal Kundu. On generalized conditional cumulative residual inaccuracy measure. *Communications in Statistics: Theory and Methods*, 49(6):1402–1421, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563168>.

**Guambe:2020:OIC**

- [GK20b] Calisto Guambe and Rodwell Kufakunesu. Optimal investment-consumption and life insurance with capital constraints. *Com-*

*munications in Statistics: Theory and Methods*, 49(3):648–669, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549246>.

**Ghosh:2020:NTE**

- [GM20] Shyamal Ghosh and Murari Mitra. A new test for exponentiality against HNBUE alternatives. *Communications in Statistics: Theory and Methods*, 49(1):27–43, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1528370>.

**Zhao:2020:PEA**

- [GZ20] Jing Guan and Yunfeng Zhao. Parameter estimation approaches to tackling measurement error and multicollinearity in ordinal probit models. *Communications in Statistics: Theory and Methods*, 49(16):3835–3859, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1592193>.

**Hussain:2020:SNC**

- [HAA<sup>+</sup>20] Sajid Hussain, Rashid Ahmed, Muhammad Aslam, Azhar Shah, and H. M. Kashif Rasheed. Some new construction of circular weakly balanced repeated measurements designs in periods of two different sizes. *Communications in Statistics: Theory and Methods*, 49(9):2253–2263, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1570263>.

**Han:2020:BEP**

- [Han20] Ming Han. E-Bayesian estimation and its E-posterior risk of the exponential distribution parameter based on complete and type I censored samples. *Communications in Statistics: Theory and Methods*, 49(8):1858–1872, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565837>.

**Haq:2020:NEC**

- [Haq20] Abdul Haq. A nonparametric EWMA chart with auxiliary information for process mean. *Communications in Statistics: Theory and Methods*, 49(5):1232–1247, 2020. CODEN CSTMDC.

ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554140>.

**Belaide:2020:LAN**

- [HB20] Soraya Haddad and Karima Belaide. Local asymptotic normality for long-memory process with strong mixing noises. *Communications in Statistics: Theory and Methods*, 49(12):2817–2830, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584306>.

**Hussain:2020:SRR**

- [HCH20] Zawar Hussain, Salman A. Cheema, and Ishtiaq Hussain. A stratified randomized response model for sensitive characteristics using non identical trials. *Communications in Statistics: Theory and Methods*, 49(1):99–115, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1530791>.

**Hongyan:2020:FAN**

- [HCX20] Dui Hongyan, Zhang Chi, and Xu Xin. Failure analysis of network nodes and edges in scale-free networks. *Communications in Statistics: Theory and Methods*, 49(15):3635–3649, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1703136>.

**Hu:2020:MAJ**

- [HCZ20] Guozhi Hu, Weihu Cheng, and Jie Zeng. Model averaging by jackknife criterion for varying-coefficient partially linear models. *Communications in Statistics: Theory and Methods*, 49(11):2671–2689, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580736>.

**Kubokawa:2020:BPD**

- [HK20] Yasuyuki Hamura and Tatsuya Kubokawa. Bayesian predictive distribution for a Poisson model with a parametric restriction. *Communications in Statistics: Theory and Methods*, 49(13):3257–3266, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586943>.



**Hamza:2020:ANC**

- [HMZ20] Daoudi Hamza, Boubaker Mechab, and Chikr Elmezouar Zouaoui. Asymptotic normality of a conditional hazard function estimate in the single index for quasi-associated data. *Communications in Statistics: Theory and Methods*, 49(3):513–530, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549248>.

**Hosseini:2020:CRL**

- [HN20] S. Mohammad Hosseini and Ahmad Nezakati. Convergence rates in the law of large numbers for END linear processes with random coefficients. *Communications in Statistics: Theory and Methods*, 49(1):88–98, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1530790>.

**Hanagal:2020:CIG**

- [HP20] David D. Hanagal and Arvind Pandey. Correlated inverse Gaussian frailty models for bivariate survival data. *Communications in Statistics: Theory and Methods*, 49(4):845–863, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549256>.

**Hu:2020:WSL**

- [Hu20a] Cheng Hu. Weak and strong laws of large numbers for sub-linear expectation. *Communications in Statistics: Theory and Methods*, 49(2):430–440, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543771>.

**Hu:2020:PRM**

- [Hu20b] Xiaomi Hu. A pseudo restricted MLE under multivariate order restrictions and its algorithm. *Communications in Statistics: Theory and Methods*, 49(1):169–177, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1535072>.

**Hu:2020:ATE**

- [HW20] Sigui Hu and Honglei Wang. Assurance test and its equivalent truncated sequential test. *Communications in Statis-*

*tics: Theory and Methods*, 49(11):2623–2633, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576897>.

**Huang:2020:QRB**

- [HWY20] Zongyuan Huang, Haiyang Wang, Zhen Wu, and Zhiyong Yu. Quadratic reflected BSDEs and related obstacle problems for PDEs. *Communications in Statistics: Theory and Methods*, 49(3):567–589, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543778>.

**Ibrahim:2020:RMS**

- [IHDR20] Firas Ibrahim, Ali Hajj Hassan, Jacques Demongeot, and Mustapha Rachdi. Regression model for surrogate data in high dimensional statistics. *Communications in Statistics: Theory and Methods*, 49(13):3206–3227, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586940>.

**Imada:2020:MCP**

- [Ima20] Tsunehisa Imada. Multiple comparison procedures for finding non-maximum normal means. *Communications in Statistics: Theory and Methods*, 49(16):4073–4090, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1595652>.

**Ishii:2020:CUS**

- [Ish20] Aki Ishii. A classifier under the strongly spiked eigenvalue model in high-dimension, low-sample-size context. *Communications in Statistics: Theory and Methods*, 49(7):1561–1577, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1528365>.

**Janicki:2020:PBR**

- [Jan20] Ryan Janicki. Properties of the beta regression model for small area estimation of proportions and application to estimation of poverty rates. *Communications in Statistics: Theory and Methods*, 49(9):2264–2284, 2020. CODEN CSTMDC. ISSN 0361-0926

(print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1570266>.

**Jasinski:2020:ABR**

- [Jas20] Krzysztof Jasiński. Asymptotic behavior of the ratio of weak  $k$ -th records. *Communications in Statistics: Theory and Methods*, 49(1):16–26, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1535074>.

**Cook:2020:CLA**

- [JC20] Shu Jiang and Richard J. Cook. Composite likelihood for aggregate data from clustered multistate processes under intermittent observation. *Communications in Statistics: Theory and Methods*, 49(12):2913–2930, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584310>.

**Ji:2020:PPE**

- [JJ20] Qinghua Ji and Zheng Ji. Penalized proportion estimation for non parametric mixture of regressions. *Communications in Statistics: Theory and Methods*, 49(7):1537–1560, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1473614>.

**Jain:2020:TCC**

- [JKD20] Kanchan Jain, Harmanpreet Singh Kapoor, and Isha Dewan. Test for comparing complete expectations of life of two groups. *Communications in Statistics: Theory and Methods*, 49(8):1960–1974, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568478>.

**Johnston:2020:GOP**

- [JMQ20] Carla Johnston, James McDonald, and Kramer Quist. A generalized ordered Probit model. *Communications in Statistics: Theory and Methods*, 49(7):1712–1729, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565780>.

**Kang:2020:TSF**

- [Kan20] Joonsung Kang. Two-stage false discovery rate in microarray studies. *Communications in Statistics: Theory and Methods*, 49(4):894–908, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554122>.

**Kerns:2020:BPI**

- [Ker20] Lucy Kerns. Benchmark profile and inferences for joint-exposure quantal data in quantitative risk assessment. *Communications in Statistics: Theory and Methods*, 49(11):2713–2727, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580740>.

**Yang:2020:OIL**

- [Keu20] Zhaoqiang Yang (Yeung Chiu Keung). Optimal investment and life insurance strategies in a mixed jump-diffusion framework. *Communications in Statistics: Theory and Methods*, 49(16):4002–4029, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594298>.

**Kaur:2020:CIS**

- [KG20] Parneet Kaur and Davinder Kumar Garg. Construction of incomplete Sudoku square and partially balanced incomplete block designs. *Communications in Statistics: Theory and Methods*, 49(6):1462–1474, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563177>.

**Krishnankutty:2020:NPE**

- [KGS20] Baby Alpettiyil Krishnankutty, Rajesh Ganapathy, and Paduthol Gopalan Sankaran. Non-parametric estimation of copula based mutual information. *Communications in Statistics: Theory and Methods*, 49(6):1513–1527, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563180>.

**Kim:2020:SEA**

- [KH20a] Tae Yoon Kim and Sun Young Hwang. Slow-explosive AR(1) processes converging to random walk. *Communications in*

*Statistics: Theory and Methods*, 49(9):2094–2109, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568486>.

**Harisankar:2020:SAG**

- [KH20b] C. Satheesh Kumar and S. Harisankar. On some aspects of a general class of Yule distribution and its applications. *Communications in Statistics: Theory and Methods*, 49(12):2887–2897, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584308>.

**Khattree:2020:CCB**

- [Kha20] Ravindra Khattree. On construction of constant block-sum partially balanced incomplete block designs. *Communications in Statistics: Theory and Methods*, 49(11):2585–2606, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576895>.

**Kroupova:2020:KER**

- [KHK20] Monika Kroupová, Ivana Horová, and Jan Koláček. Kernel estimation of regression function gradient. *Communications in Statistics: Theory and Methods*, 49(1):135–151, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1532518>.

**Kordestani:2020:MMS**

- [KHSS20] Moslem Kordestani, Farid Hassanvand, Yaser Samimi, and Hamid Shahriari. Monitoring multivariate simple linear profiles using robust estimators. *Communications in Statistics: Theory and Methods*, 49(12):2964–2989, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584314>.

**Kim:2020:MDE**

- [Kim20] Jiwoong Kim. Minimum distance estimation in linear regression with strong mixing errors. *Communications in Statistics: Theory and Methods*, 49(6):1475–1494, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563178>.

**Kundu:2020:SSR**

- [KJKC20] Piyali Kundu, Nabakumar Jana, Somesh Kumar, and Kashinath Chatterjee. Stress-strength reliability estimation for exponentially distributed system with common minimum guarantee time. *Communications in Statistics: Theory and Methods*, 49(14):3375–3396, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586948>.

**Kazemitabar:2020:MCD**

- [KK20] Jalil Kazemitabar and Javad Kazemitabar. Measuring the conformity of distributions to Benford’s Law. *Communications in Statistics: Theory and Methods*, 49(14):3530–3536, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1590599>.

**Krishnamoorthy:2020:PIH**

- [KL20] Kalimuthu Krishnamoorthy and Shanshan Lv. Prediction intervals for hypergeometric distributions. *Communications in Statistics: Theory and Methods*, 49(6):1528–1536, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563181>.

**Ko:2020:NCM**

- [Ko20] Mi-Hwa Ko. A note on complete moment convergence for coordinatewise negatively associated random vectors in Hilbert spaces. *Communications in Statistics: Theory and Methods*, 49(7):1780–1791, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565833>.

**Kohansal:2020:BCE**

- [Koh20] Akram Kohansal. Bayesian and classical estimation of  $R = P(X < Y)$  based on Burr type XII distribution under hybrid progressive censored samples. *Communications in Statistics: Theory and Methods*, 49(5):1043–1081, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554126>.

**Kundu:2020:GIE**

- [KS20] Chanchal Kundu and Shivangi Singh. On generalized interval entropy. *Communications in Statistics: Theory and Methods*, 49(8):1989–2007, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568480>.

**Kubokawa:2020:SEL**

- [KSY20] Tatsuya Kubokawa, William E. Strawderman, and Ryota Yuasa. Shrinkage estimation of location parameters in a multivariate skew-normal distribution. *Communications in Statistics: Theory and Methods*, 49(8):2008–2024, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568481>.

**Kayal:2020:ERM**

- [KTDW20] Tanmay Kayal, Yogesh Mani Tripathi, Sanku Dey, and Shuo-Jye Wu. On estimating the reliability in a multicomponent stress-strength model based on Chen distribution. *Communications in Statistics: Theory and Methods*, 49(10):2429–2447, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576886>.

**Khalaj:2020:NDC**

- [KTMKS20] Mehran Khalaj, Reza Tavakkoli-Moghaddam, Fereshteh Khalaj, and Ali Siadat. New definition of the cross entropy based on the Dempster–Shafer theory and its application in a decision-making process. *Communications in Statistics: Theory and Methods*, 49(4):909–923, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554123>.

**Kang:2020:EBA**

- [KWY20] Yao Kang, Dehui Wang, and Kai Yang. Extended binomial AR(1) processes with generalized binomial thinning operator. *Communications in Statistics: Theory and Methods*, 49(14):3498–3520, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589519>.

**LaMotte:2020:FTI**

- [LaM20] Lynn Roy LaMotte. A formula for Type III sums of squares. *Communications in Statistics: Theory and Methods*, 49(13):3126–3136, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586933>.

**Cui:2020:NMM**

- [LC20] Zhongping Li and Lirong Cui. Numerical method for means of linear Hawkes processes. *Communications in Statistics: Theory and Methods*, 49(15):3681–3697, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1713374>.

**Lu:2020:MDR**

- [LCF20] Dawei Lu, Xiaoyan Chen, and Jinghai Feng. Moderate deviations for the random weighted sums of WUOD random variables with consistently varying tails. *Communications in Statistics: Theory and Methods*, 49(3):531–551, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543775>.

**Lee:2020:IPR**

- [Lee20] Dong-Hee Lee. An inspection procedure for radio frequency repeaters using a multiple linear regression method. *Communications in Statistics: Theory and Methods*, 49(13):3137–3152, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586934>.

**Liu:2020:LDS**

- [LGL20] Xijun Liu, Qingwu Gao, and Ming Liu. Large deviations for the stochastic present value of aggregate claims in the nonstandard compound renewal risk model with widely upper orthant dependent claims. *Communications in Statistics: Theory and Methods*, 49(13):3073–3093, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586931>.



**Liu:2020:RAI**

- [LHS20] Yeqian Liu, Tao Hu, and Jianguo Sun. Regression analysis of interval-censored failure time data with cured subgroup and mismeasured covariates. *Communications in Statistics: Theory and Methods*, 49(1):189–202, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1535075>.

**Lee:2020:SES**

- [LHSK20] Gi-Sung Lee, Ki-Hak Hong, Chang-Kyoon Son, and Jong-Min Kim. A stratified estimation of a sensitive character by using geometric distribution. *Communications in Statistics: Theory and Methods*, 49(13):3184–3205, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586939>.

**Li:2020:NSM**

- [Li20] Yong Li. A new stochastic mixed Liu estimator in linear regression model. *Communications in Statistics: Theory and Methods*, 49(3):726–737, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549250>.

**Lin:2020:SOT**

- [Lin20] Jianxi Lin. Second order tail behaviour of randomly weighted heavy-tailed sums and their maxima. *Communications in Statistics: Theory and Methods*, 49(11):2648–2670, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576900>.

**Li:2020:IDN**

- [LL20] Na Li and Xuhua Liu. Inference of the derivative of non-parametric curve based on confidence distribution. *Communications in Statistics: Theory and Methods*, 49(11):2607–2622, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576896>.

**Li:2020:LOC**

- [LLZ20] Zhi-Ming Li, Ming-Ming Li, and Sheng-Li Zhao. Lower-order confounding information of inverse Yates-order two-level designs. *Communications in Statistics: Theory and Methods*, 49(4):924–941, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554124>.

**Luo:2020:NKE**

- [LM20] Zhongde Luo and Haizhen Meng. Nonparametric kernel estimation of expected shortfall under negatively associated sequences. *Communications in Statistics: Theory and Methods*, 49(11):2749–2769, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584303>.

**Louati:2020:NTS**

- [LMM20] Mahdi Louati, Afif Masmoudi, and Farouk Mselmi. The normal tempered stable regression model. *Communications in Statistics: Theory and Methods*, 49(2):500–512, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554121>.

**Lorvand:2020:LDP**

- [LNP20] Hamed Lorvand, Alireza Nematollahi, and Mohammad Hossien Poursaeed. Life distribution properties of a new  $\delta$ -shock model. *Communications in Statistics: Theory and Methods*, 49(12):3010–3025, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584316>.

**Sendova:2020:SPI**

- [LS20] Yuying Li and Kristina P. Sendova. A surplus process involving a compound Poisson counting process and applications. *Communications in Statistics: Theory and Methods*, 49(13):3238–3256, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586942>.

**Liu:2020:MWS**

- [LWKQ20] Baoliang Liu, Yanqing Wen, Shugui Kang, and Qingan Qiu. A multiple warm standby repairable system under  $N$ -policy with

multiple vacations following Markovian arrival process. *Communications in Statistics: Theory and Methods*, 49(15):3609–3634, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1710758>.

**Li:2020:DTR**

- [LYC20] Jiahui Li, Kam Chuen Yuen, and Mi Chen. A discrete-time risk model with Poisson ARCH claim-number process. *Communications in Statistics: Theory and Methods*, 49(16):3965–3984, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594296>.

**Li:2020:KME**

- [LZ20a] Yongming Li and Yong Zhou. The Kaplan–Meier estimator and hazard estimator for censored END survival time observations. *Communications in Statistics: Theory and Methods*, 49(11):2690–2702, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580737>.

**Liu:2020:LIL**

- [LZ20b] Tianze Liu and Yong Zhang. Law of the iterated logarithm for error density estimators in nonlinear autoregressive models. *Communications in Statistics: Theory and Methods*, 49(5):1082–1098, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554129>.

**Lian:2020:PSK**

- [LZG20] Ruiting Lian, Changle Zhou, and Ben Goertzel. The probabilistic support Kendall correlation and its transitivity properties. *Communications in Statistics: Theory and Methods*, 49(2):485–499, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543776>.

**Li:2020:SCP**

- [LZH20] Bo Li, Huiming Zhang, and Jiao He. Some characterizations and properties of COM–Poisson random variables. *Communications in Statistics: Theory and Methods*, 49(6):1311–1329, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1710758>.

(electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563164>.

**Liu:2020:OIP**

- [LZL20] Bing Liu, Ming Zhou, and Peng Li. Optimal investment and premium control for insurers with ambiguity. *Communications in Statistics: Theory and Methods*, 49(9):2110–2130, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568487>.

**Matula:2020:ESL**

- [MAK20] Przemysław Matuła, André Adler, and Paweł Kurasiński. On exact strong laws of large numbers for ratios of random variables and their applications. *Communications in Statistics: Theory and Methods*, 49(13):3153–3167, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586935>.

**Mao:2020:HDT**

- [Mao20] Guangyu Mao. On high-dimensional tests for mutual independence based on pearson’s correlation coefficient. *Communications in Statistics: Theory and Methods*, 49(14):3572–3584, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1593459>.

**Meng:2020:DRM**

- [MB20] Qingbin Meng and Junna Bi. On the dividends of the risk model with Markovian barrier. *Communications in Statistics: Theory and Methods*, 49(5):1272–1280, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563175>.

**Mohammed:2020:VFF**

- [MBA20] Siti Aisyah Mohammed, Mohd Aftar Abu Bakar, and Nora-tiqah Mohd Ariff. Volatility forecasting of financial time series using wavelet based exponential generalized autoregressive conditional heteroscedasticity model. *Communications in Statistics: Theory and Methods*, 49(1):178–188, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (elec-

tronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1535073>.

**Mukherjee:2020:WDL**

- [MC20] Diganta Mukherjee and Prabir Chaudhury. Why does “last week” reporting give higher estimates than “last month”? *Communications in Statistics: Theory and Methods*, 49(8):1873–1893, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565838>.

**Mizutani:2020:PRP**

- [MDZN20] Satoshi Mizutani, Wenjie Dong, Xufeng Zhao, and Toshio Nakagawa. Preventive replacement policies with products update announcements. *Communications in Statistics: Theory and Methods*, 49(15):3821–3833, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1710762>.

**Mondal:2020:JTI**

- [MK20] Shuvashree Mondal and Debasis Kundu. On the joint Type-II progressive censoring scheme. *Communications in Statistics: Theory and Methods*, 49(4):958–976, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554128>.

**Majumder:2020:CET**

- [MM20] Priyanka Majumder and Murari Mitra. On a class exhibiting trend change in average failure rate. *Communications in Statistics: Theory and Methods*, 49(8):1975–1988, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568479>.

**Miao:2020:LTI**

- [MMZ20] Yu Miao, Jianyong Mu, and Shuili Zhang. Limit theorems for identically distributed martingale difference. *Communications in Statistics: Theory and Methods*, 49(6):1435–1445, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563174>.

**Mahdavi-Nasab:2020:WCA**

- [MNAM20] Narges Mahdavi-Nasab, Mostafa Abouei Ardakan, and Mohammad Mohammadi. Water cycle algorithm for solving the reliability-redundancy allocation problem with a choice of redundancy strategies. *Communications in Statistics: Theory and Methods*, 49(11):2728–2748, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580741>.

**Marcondes:2020:SHM**

- [MPM20] D. Marcondes, C. Peixoto, and A. C. Maia. A survey of a hurdle model for heavy-tailed data based on the generalized lambda distribution. *Communications in Statistics: Theory and Methods*, 49(4):781–808, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549251>.

**Ma:2020:SEC**

- [MSM20] Huanhuan Ma, Yan Sun, and Yu Miao. Some extensions of the classical law of large numbers. *Communications in Statistics: Theory and Methods*, 49(13):3228–3237, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586941>.

**Ma:2020:OIS**

- [MZR20] Jie Ma, Hui Zhao, and Ximin Rong. Optimal investment strategy for a DC pension plan with mispricing under the Heston model. *Communications in Statistics: Theory and Methods*, 49(13):3168–3183, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586938>.

**Nagakura:2020:FRV**

- [Nag20] Daisuke Nagakura. Further results on the vecd operator and its applications. *Communications in Statistics: Theory and Methods*, 49(10):2321–2338, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1570265>.

**Nakagawa:2020:RBI**

- [NH20] Tomoyuki Nakagawa and Shintaro Hashimoto. Robust Bayesian inference via  $\gamma$ -divergence. *Communications in Statistics: The-*

*ory and Methods*, 49(2):343–360, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543765>.

**Naseri:2020:SPC**

- [NNS20] Hassan Naseri, S. Esmail Najafi, and Abbas Saghaei. Statistical process control (SPC) for short production run with Cauchy distribution, a case study with corrected numbers approach. *Communications in Statistics: Theory and Methods*, 49(4):879–893, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549260>.

**Nair:2020:CSB**

- [NSN20] N. Unnikrishnan Nair, S. M. Sunoj, and Vipin N. On characterizations of some bivariate continuous distributions by properties of higher-degree bivariate stop-loss transforms. *Communications in Statistics: Theory and Methods*, 49(2):403–420, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543768>.

**Naqvi:2020:ORI**

- [NZZ20] Sameen Naqvi, Yiyang Zhang, and Peng Zhao. Ordering results for individual risk model with dependent location–scale claim severities. *Communications in Statistics: Theory and Methods*, 49(4):942–957, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554127>.

**Ogasawara:2020:AEF**

- [Oga20a] Haruhiko Ogasawara. Alternative expectation formulas for real-valued random vectors. *Communications in Statistics: Theory and Methods*, 49(2):454–470, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543773>.

**Ogasawara:2020:ACM**

- [Oga20b] Haruhiko Ogasawara. Asymptotic cumulants of the minimum phi-divergence estimator for categorical data under possible model misspecification. *Communications in Statistics: Theory and Methods*, 49(10):2448–2465, 2020. CODEN CSTMDC. ISSN 0361-0926

(print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576888>.

**Ogasawara:2020:AEC**

- [Oga20c] Haruhiko Ogasawara. An asymptotic equivalence of the cross-data and predictive estimators. *Communications in Statistics: Theory and Methods*, 49(3):755–768, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549258>.

**Ogasawara:2020:EMC**

- [Oga20d] Haruhiko Ogasawara. The echelon Markov and Chebyshev inequalities. *Communications in Statistics: Theory and Methods*, 49(7):1578–1591, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1530359>.

**Ogasawara:2020:MMM**

- [Oga20e] Haruhiko Ogasawara. The multivariate Markov and multiple Chebyshev inequalities. *Communications in Statistics: Theory and Methods*, 49(2):441–453, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543772>.

**Ohyama:2020:SIA**

- [Ohy20] Tetsuji Ohya. Statistical inference of agreement coefficient between two raters with binary outcomes. *Communications in Statistics: Theory and Methods*, 49(10):2529–2539, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576894>.

**Ommane:2020:ARE**

- [OO20] Younes Ommane and Idir Ouassou. Adaptive ridge estimator in a linear regression model with spherically symmetric error under constraint. *Communications in Statistics: Theory and Methods*, 49(1):1–15, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1532006>.



**Oryshchenko:2020:EMI**

- [Ory20] Vitaliy Oryshchenko. Exact mean integrated squared error and bandwidth selection for kernel distribution function estimators. *Communications in Statistics: Theory and Methods*, 49(7):1603–1628, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563182>.

**Pu:2020:EAF**

- [PAC20] Xiao Pu and Ery Arias-Castro. An EM algorithm for fitting a mixture model with symmetric log-concave densities. *Communications in Statistics: Theory and Methods*, 49(1):78–87, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1530789>.

**Pereira:2020:CRE**

- [PCdP+20] André G. C. Pereira, Viviane S. M. Campos, André L. S. de Pinho, Carla A. Vivacqua, and Roberto T. G. de Oliveira. On the convergence rate of the elitist genetic algorithm based on mutation probability. *Communications in Statistics: Theory and Methods*, 49(4):769–780, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1528361>.

**Papatsouma:2020:ASD**

- [PF20] Ioanna Papatsouma and Nikolaos Farmakis. Approximating symmetric distributions via sampling and coefficient of variation. *Communications in Statistics: Theory and Methods*, 49(1):61–77, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1529244>.

**Patra:2020:FRR**

- [PK20] Arijit Patra and Chanchal Kundu. Further results on residual life and inactivity time at random time. *Communications in Statistics: Theory and Methods*, 49(5):1261–1271, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563170>.

**Patra:2020:IEF**

- [PKK20] Lakshmi Kanta Patra, Somesh Kumar, and B. M. Golam Kibria. Improved estimation of a function of scale parameter of a doubly censored exponential distribution. *Communications in Statistics: Theory and Methods*, 49(9):2049–2064, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568482>.

**Popinski:2020:LSO**

- [Pop20] Waldemar Popiński. Least squares orthogonal polynomial regression estimation for irregular design. *Communications in Statistics: Theory and Methods*, 49(3):631–647, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549244>.

**Poursaeed:2020:SMM**

- [Pou20] Mohammad Hossein Poursaeed. On  $\delta$ -shock model in a multi-state system. *Communications in Statistics: Theory and Methods*, 49(7):1761–1767, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565784>.

**Pang:2020:HDS**

- [PZZ20] Shanqi Pang, Xiao Zhang, and Qingjuan Zhang. The Hamming distances of saturated asymmetrical orthogonal arrays with strength 2. *Communications in Statistics: Theory and Methods*, 49(16):3895–3910, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1591452>.

**Reyes:2020:GMS**

- [RBCG20] Jimmy Reyes, Inmaculada Barranco-Chamorro, and Héctor W. Gómez. Generalized modified slash distribution with applications. *Communications in Statistics: Theory and Methods*, 49(8):2025–2048, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568484>.

**Rodrigues:2020:FPF**

- [RBS20] Josemar Rodrigues, Jorge L. Bazán, and Adriano K. Suzuki. A flexible procedure for formulating probability distributions

on the unit interval with applications. *Communications in Statistics: Theory and Methods*, 49(3):738–754, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549254>.

**Rodrigues:2020:FAD**

- [RBSNB20] Josemar Rodrigues, Marcelo Bourguignon, Manoel Santos-Neto, and N. Balakrishnan. Fractional approaches for the distribution of innovation sequence of INAR(1) processes. *Communications in Statistics: Theory and Methods*, 49(9):2205–2216, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568492>.

**Righetto:2020:CMA**

- [RFVR20] Ana Julia Righetto, Christel Faes, Yannick Vandendijck, and Paulo Justiniano Ribeiro Jr. On the choice of the mesh for the analysis of geostatistical data using R-INLA. *Communications in Statistics: Theory and Methods*, 49(1):203–220, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1536209>.

**Ren:2020:MPT**

- [RIA20] Aizhen Ren, Takashi Ishida, and Yutaka Akiyama. Mathematical proof of the third order accuracy of the speedy double bootstrap method. *Communications in Statistics: Theory and Methods*, 49(16):3950–3964, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1594295>.

**Neammanee:2020:RCB**

- [RN20] Yuttana Ratibenyakool and Kritsana Neammanee. Rate of convergence of binomial formula for option pricing. *Communications in Statistics: Theory and Methods*, 49(14):3537–3556, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1590600>.

**Roy:2020:CMP**

- [RTB20] Sudip Roy, Ram C. Tripathi, and Narayanaswamy Balakrishnan. A Conway Maxwell Poisson type generalization of

the negative hypergeometric distribution. *Communications in Statistics: Theory and Methods*, 49(10):2410–2428, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576885>.

**Rezaei:2020:ESS**

- [RYJ20] Amir Rezaei, Fatemeh Yousefzadeh, and Sarah Jomhoori. Estimation of stress-strength reliability for the multivariate SGPII distribution. *Communications in Statistics: Theory and Methods*, 49(16):3860–3881, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1593457>.

**Sharma:2020:OAD**

- [SAP20] Mahendra Kumar Sharma, Yabebal Ayalew, and Anshula Pandey. Orthogonal arrays and designs for partial triallel crosses. *Communications in Statistics: Theory and Methods*, 49(1):125–134, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1532005>.

**Sills:2020:EDA**

- [SC20] Andrew V. Sills and Charles W. Champ. The exponential distribution analog of the Grubbs–Weaver method. *Communications in Statistics: Theory and Methods*, 49(8):1894–1903, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565839>.

**Desai:2020:MCT**

- [SD20] Ashok Shanubhogue and Rajendra G. Desai. A method of constructing test for the parameter of family of lifetime distributions under Type-II censored sample. *Communications in Statistics: Theory and Methods*, 49(13):3267–3285, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586944>.

**Semeraro:2020:NMG**

- [Sem20] Patrizia Semeraro. A note on the multivariate generalized asymmetric Laplace motion. *Communications in Statistics: Theory and Methods*, 49(10):2339–2355, 2020. CODEN CSTMDC.

ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1571609>.

**Shah:2020:CAD**

- [SHC20] Said Farooq Shah, Zawar Hussain, and Salman Arif Cheema. Combining answers to direct and indirect questions: An implementation of Kuk's randomized response model. *Communications in Statistics: Theory and Methods*, 49(16):3933–3949, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1593458>.

**Ko:2020:AAS**

- [sK20a] Feng shou Ko. An alternate approach for sample size determination in a multi-regional trial. *Communications in Statistics: Theory and Methods*, 49(4):997–1007, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554133>.

**Ko:2020:AUA**

- [sK20b] Feng shou Ko. An approach to use of an adaptive procedure to clinical trials for molecularly heterogeneous subject selection at interim. *Communications in Statistics: Theory and Methods*, 49(2):421–429, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543770>.

**Khalid:2020:SIM**

- [SK20c] Garib Nath Singh and Mohd Khalid. Some imputation methods to compensate with non-response for estimation of population mean in two-occasion successive sampling. *Communications in Statistics: Theory and Methods*, 49(14):3329–3351, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586945>.

**Silva:2020:FBM**

- [SM20] Ivair R. Silva and Reinaldo Marques. Frequentist-Bayesian Monte Carlo testing. *Communications in Statistics: Theory and Methods*, 49(10):2356–2364, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1571610>.

**Si:2020:DQR**

- [SNS20] Yuancheng Si, Saralees Nadarajah, and Xiaodong Song. On the distribution of quotient of random variables conditioned to the positive quadrant. *Communications in Statistics: Theory and Methods*, 49(10):2514–2528, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576893>.

**Singh:2020:IAE**

- [SPSS20] Garib N. Singh, Awadhesh K. Pandey, Chandraketu Singh, and Surbhi Suman. An improved alternative estimation procedure for current population mean in presence of positively and negatively correlated auxiliary variables in two-occasion rotation patterns. *Communications in Statistics: Theory and Methods*, 49(13):3094–3125, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586932>.

**Sarabia:2020:BDT**

- [SRA20] José María Sarabia, A. Vincent Raja, and G. Asha. Bivariate distributions with transmuted conditionals: Models and applications. *Communications in Statistics: Theory and Methods*, 49(1):221–242, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1536785>.

**Solci:2020:ESR**

- [SRSB20] Carlo Corrêa Solci, Valdério Anselmo Reisen, Alessandro José Queiroz Sarnaglia, and Pascal Bondon. Empirical study of robust estimation methods for PAR models with application to the air quality area. *Communications in Statistics: Theory and Methods*, 49(1):152–168, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1533970>.

**Saghaei:2020:PLR**

- [SS20] M. Shaghghi and A. Saghaei. PCA likelihood ratio test approach for attributed social networks monitoring. *Communications in Statistics: Theory and Methods*, 49(12):2869–2886, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1491599>.

**Lai:2020:NAR**

- [sSL20] Pao sheng Shen and Yu-Hsing Lai. Nonparametric analysis of recurrent gap time data. *Communications in Statistics: Theory and Methods*, 49(13):3298–3312, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1588322>.

**Sanaullah:2020:USR**

- [SSS20] Aamir Sanaullah, Iram Saleem, and Javid Shabbir. Use of scrambled response for estimating mean of the sensitivity variable. *Communications in Statistics: Theory and Methods*, 49(11):2634–2647, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576898>.

**Sun:2020:NSA**

- [SWYF20] Bin Sun, Yuehua Wu, Wenzhi Yang, and Yuejiao Fu. A note on the semiparametric approach to dimension reduction. *Communications in Statistics: Theory and Methods*, 49(9):2295–2304, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576887>.

**Samawi:2020:RSS**

- [SYRV20] Hani M. Samawi, Lili Yu, Haresh Rochani, and Robert Vogel. Reducing sample size needed for Cox-proportional hazards model analysis using more efficient sampling method. *Communications in Statistics: Theory and Methods*, 49(6):1281–1298, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554141>.

**Zhu:2020:SCP**

- [SZ20] Mingzhu Song and Quanxin Zhu. The strong convergence properties of weighted sums for a class of dependent random variables. *Communications in Statistics: Theory and Methods*, 49(14):3455–3465, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589516>.

**Tsukuma:2020:ECM**

- [TK20] Hisayuki Tsukuma and Tatsuya Kubokawa. Estimation of a covariance matrix in multivariate skew-normal distribution. *Communications in Statistics: Theory and Methods*, 49(5):1174–1200, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554137>.

**Tripathi:2020:QEP**

- [TPS20] Yogesh Mani Tripathi, Constantinos Petropoulos, and Tanmay Sen. Quantile estimation for a progressively censored exponential distribution. *Communications in Statistics: Theory and Methods*, 49(16):3919–3932, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1593456>.

**Ta:2020:ASC**

- [TTL20] Son Cong Ta, Cuong Manh Tran, and Dung Van Le. On the almost sure convergence for sums of negatively superadditive dependent random vectors in Hilbert spaces and its application. *Communications in Statistics: Theory and Methods*, 49(11):2770–2786, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584304>.

**Tian:2020:SRF**

- [TW20] Yongge Tian and Jie Wang. Some remarks on fundamental formulas and facts in the statistical analysis of a constrained general linear model. *Communications in Statistics: Theory and Methods*, 49(5):1201–1216, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554138>.

**Verdier:2020:ELB**

- [Ver20] Ghislain Verdier. An empirical likelihood-based CUSUM for on-line model change detection. *Communications in Statistics: Theory and Methods*, 49(8):1818–1839, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565834>.



**vonRosen:2020:SAE**

- [vRvR20] Tatjana von Rosen and Dietrich von Rosen. Small area estimation using reduced rank regression models. *Communications in Statistics: Theory and Methods*, 49(13):3286–3297, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586946>.

**Cheng:2020:ERT**

- [WC20] Yuebao Wang and Dongya Cheng. Elementary renewal theorems for widely dependent random variables with applications to precise large deviations. *Communications in Statistics: Theory and Methods*, 49(14):3352–3374, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586947>.

**Wu:2020:OAA**

- [WDLW20] Sang Wu, Yinghui Dong, Wenxin Lv, and Guojing Wang. Optimal asset allocation for participating contracts with mortality risk under minimum guarantee. *Communications in Statistics: Theory and Methods*, 49(14):3481–3497, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589518>.

**Wilson:2020:KDE**

- [WG20] Christopher M. Wilson and Patrick Gerard. Kernel density estimation for hierarchical data. *Communications in Statistics: Theory and Methods*, 49(6):1495–1512, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563179>.

**Wichitaksorn:2020:AMV**

- [Wic20] Nuttanan Wichitaksorn. Analyzing multiple vector autoregressions through matrix-variate normal distribution with two covariance matrices. *Communications in Statistics: Theory and Methods*, 49(8):1801–1817, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565832>.

**Wada:2020:OTP**

- [WIN20] Naoya Wada, Kodo Ito, and Toshio Nakagawa. Optimal training plans on physical performance considering supercompensation. *Communications in Statistics: Theory and Methods*, 49(15):3761–3771, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1722845>.

**Wang:2020:TLB**

- [WLZ20] Yanfei Wang, Zhiming Li, and Runchu Zhang. Three-level blocked regular designs with general minimum lower order confounding. *Communications in Statistics: Theory and Methods*, 49(10):2498–2513, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576891>.

**Wu:2020:NIM**

- [WS20] Hongping Wu and Ang Shan. Nonparametric inference on mean residual life function with length-biased right-censored data. *Communications in Statistics: Theory and Methods*, 49(9):2065–2079, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568483>.

**Tang:2020:SAA**

- [WT20] Yudong Wang and Yincui Tang. Statistical analysis of accelerated temperature cycling test based on Coffin–Manson model. *Communications in Statistics: Theory and Methods*, 49(15):3663–3680, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1702697>.

**Wu:2020:GCQ**

- [WTT20] Yanke Wu, Maozai Tian, and Man-Lai Tang. General composite quantile regression: Theory and methods. *Communications in Statistics: Theory and Methods*, 49(9):2217–2236, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568493>.

**Wu:2020:ONE**

- [Wu20] Yougui Wu. Optimal nonparametric estimator of the area under ROC curve based on clustered data. *Communications in*

*Statistics: Theory and Methods*, 49(6):1446–1461, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563176>.

**Wang:2020:AIL**

- [WWWH20] Xinghui Wang, Huilong Wang, Hongrui Wang, and Shuhe Hu. Asymptotic inference of least absolute deviation estimation for AR(1) processes. *Communications in Statistics: Theory and Methods*, 49(4):809–826, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549252>.

**Wang:2020:RBM**

- [WWZ20] Yunlong Wang, Zhaojun Wang, and Xuemin Zi. Rank-based multiple change-point detection. *Communications in Statistics: Theory and Methods*, 49(14):3438–3454, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589515>.

**Wang:2020:SSC**

- [WZA20] Jijia Wang, Song Zhang, and Chul Ahn. Sample size calculation for count outcomes in cluster randomization trials with varying cluster sizes. *Communications in Statistics: Theory and Methods*, 49(1):116–124, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1532004>.

**Wang:2020:RAS**

- [WZTW20] Liang Wang, Xuanjia Zuo, Yogesh Mani Tripathi, and Junyuan Wang. Reliability analysis for stress-strength model from a general family of truncated distributions under censored data. *Communications in Statistics: Theory and Methods*, 49(15):3589–3608, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1710759>.

**Xia:2020:ANB**

- [Xia20] Weixuan Xia. The average of a negative-binomial lévy process and a class of Lerch distributions. *Communications in Statistics: Theory and Methods*, 49(4):1008–1024, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (elec-

tronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554135>.

**Xiao:2020:BIZ**

- [XTXW20] Xiang Xiao, Yincui Tang, Ancha Xu, and Guoqiang Wang. Bayesian inference for zero-and-one-inflated geometric distribution regression model using Pólya–Gamma latent variables. *Communications in Statistics: Theory and Methods*, 49(15):3730–3743, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1709647>.

**Yao:2020:NJM**

- [XY20] Yugu Xiao and Jing Yao. A note on joint mix random vectors. *Communications in Statistics: Theory and Methods*, 49(12):3063–3072, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1586937>.

**Xing:2020:PES**

- [XZL20] Xiaoyu Xing, Danfeng Zhao, and Bing Li. Parameter estimation for the skew Ornstein–Uhlenbeck processes based on discrete observations. *Communications in Statistics: Theory and Methods*, 49(9):2176–2188, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568490>.

**Xiao:2020:TCS**

- [XZR<sup>+</sup>20] Helu Xiao, Zhongbao Zhou, Tiantian Ren, Yanfei Bai, and Wenbin Liu. Time-consistent strategies for multi-period mean-variance portfolio optimization with the serially correlated returns. *Communications in Statistics: Theory and Methods*, 49(12):2831–2868, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1636999>.

**Yamada:2020:NWH**

- [Yam20] Hiroshi Yamada. A note on Whittaker–Henderson graduation: Bisymmetry of the smoother matrix. *Communications in Statistics: Theory and Methods*, 49(7):1629–1634, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563183>.

**Kim:2020:PCT**

- [YK20] GangHyok Yu and SongGuk Kim. Parameter change test for periodic integer-valued autoregressive process. *Communications in Statistics: Theory and Methods*, 49(12):2898–2912, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584309>.

**Yu:2020:TET**

- [YKH20] Jianqi Yu, Kalimuthu Krishnamoorthy, and Yafei He. Testing equality of two normal covariance matrices with monotone missing data. *Communications in Statistics: Theory and Methods*, 49(16):3911–3918, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1591453>.

**Yang:2020:OCI**

- [YP20] Mo Yang and Borek Puza. Optimal confidence intervals for the geometric parameter. *Communications in Statistics: Theory and Methods*, 49(3):590–606, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549242>.

**Yaqub:2020:EPD**

- [YS20] Mazhar Yaqub and Javid Shabbir. Estimation of population distribution function involving measurement error in the presence of non response. *Communications in Statistics: Theory and Methods*, 49(10):2540–2559, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1580738>.

**Yasmeen:2020:VEA**

- [YT20] Uzma Yasmeen and Mary Thompson. Variance estimation in adaptive cluster sampling. *Communications in Statistics: Theory and Methods*, 49(10):2485–2497, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1576890>.

**Yu:2020:SIV**

- [Yu20] Qian Yu. Statistical inference for Vasicek-type model driven by self-similar Gaussian processes. *Communications in Statistics:*

*Theory and Methods*, 49(2):471–484, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543774>.

**Yuan:2020:VSS**

- [YWL20] Xiaohui Yuan, Yue Wang, and Tianqing Liu. Variable selection for semiparametric random-effects conditional density models with longitudinal data. *Communications in Statistics: Theory and Methods*, 49(4):977–996, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554130>.

**Bulut:2020:MRE**

- [ZB20] Tolga Zaman and Hasan Bulut. Modified regression estimators using robust regression methods and covariance matrices in stratified random sampling. *Communications in Statistics: Theory and Methods*, 49(14):3407–3420, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1588324>.

**Zhang:2020:FOR**

- [ZCT<sup>+</sup>20] Shuxia Zhang, Xinrong Cong, Boping Tian, Yanpeng Li, and Mingjun Yao. The first-order random coefficient integer valued autoregressive process with the occasional level shift random noise based on dual empirical likelihood. *Communications in Statistics: Theory and Methods*, 49(12):2990–3009, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584315>.

**Zhang:2020:EPS**

- [ZCZ20a] Zhiyi Zhang, Chen Chen, and Jialin Zhang. Estimation of population size in entropic perspective. *Communications in Statistics: Theory and Methods*, 49(2):307–324, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1536786>.

**Zhao:2020:ETR**

- [ZCZ20b] Xu Zhao, Weihu Cheng, and Pengyue Zhang. Extreme tail risk estimation with the generalized Pareto distribution un-

der the peaks-over-threshold framework. *Communications in Statistics: Theory and Methods*, 49(4):827–844, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1549253>.

**Zhou:2020:TET**

- [ZCZJ20] Yuejin Zhou, Ting Chen, Qianjin Zhao, and Tao Jiang. Testing the equality of two double-parameter exponential distributions via overlap coefficient. *Communications in Statistics: Theory and Methods*, 49(5):1248–1260, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1563169>.

**Zeng:2020:CMC**

- [Zen20] Guoping Zeng. On the confusion matrix in credit scoring and its analytical properties. *Communications in Statistics: Theory and Methods*, 49(9):2080–2093, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568485>.

**Zhao:2020:ACA**

- [ZGQN20] Xufeng Zhao, Chen Gao, Cunhua Qian, and Toshio Nakagawa. Approximate calculations of age-based random replacement times. *Communications in Statistics: Theory and Methods*, 49(15):3808–3820, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1710203>.

**Zhang:2020:FRL**

- [Zha20a] Yong Zhang. Further research on limit theorems for self-normalized sums. *Communications in Statistics: Theory and Methods*, 49(2):385–402, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1543767>.

**Zohrevand:2020:ACK**

- [ZHA20b] Younes Zohrevand, Reza Hashemi, and Majid Asadi. An adjusted cumulative Kullback–Leibler information with application to test of exponentiality. *Communications in Statistics: Theory and Methods*, 49(1):44–60, 2020. CODEN CSTMDC. ISSN 0361-0926

(print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1529243>.

**Zhang:2020:IAR**

- [ZLB20] Chao Zhang, Tao Liu, and Guanghan Bai. An improved algorithm for reliability bounds of multistate networks. *Communications in Statistics: Theory and Methods*, 49(15):3772–3791, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1752728>.

**Zhou:2020:ESC**

- [ZLCW20] Meng Zhou, Liwei Liu, Xudong Chai, and Zhen Wang. Equilibrium strategies in a constant retrial queue with setup time and the  $N$ -policy. *Communications in Statistics: Theory and Methods*, 49(7):1695–1711, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565779>.

**Zhang:2020:WCE**

- [ZLH20] Yu Zhang, Xinsheng Liu, and Hongchang Hu. Weak consistency of  $M$ -estimator in linear regression model with asymptotically almost negatively associated errors. *Communications in Statistics: Theory and Methods*, 49(11):2800–2816, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1584307>.

**Zhao:2020:VCC**

- [ZLZ20a] Qian Zhao, Peng Li, and Jie Zhang. Valuation of contingent claims with stochastic interest rate and mortality driven by Lévy processes. *Communications in Statistics: Theory and Methods*, 49(14):3421–3437, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1589514>.

**Zhou:2020:SCC**

- [ZLZ20b] Wenhui Zhou, Na Liu, and Zhibin Zheng. A synthetic control chart for monitoring the small shifts in a process mean based on an attribute inspection. *Communications in Statistics: Theory and Methods*, 49(9):2189–2204, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1568491>.



**Zheng:2020:PEN**

- [ZOD20] Junjun Zheng, Hiroyuki Okamura, and Tadashi Dohi. A phase expansion for non-Markovian availability models with time-based aperiodic rejuvenation and checkpointing. *Communications in Statistics: Theory and Methods*, 49(15):3712–3729, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1708400>.

**Shen:2020:P**

- [ZS20] Xufeng Zhao and Jingyuan Shen. Preface. *Communications in Statistics: Theory and Methods*, 49(15):3585–3588, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1776049>.

**Wu:2020:IGI**

- [zWZ20] Wen ze Wu and Tao Zhang. An improved gray interval forecast method and its application. *Communications in Statistics: Theory and Methods*, 49(5):1120–1131, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554132>.

**Zhang:2020:BRP**

- [ZXSZ20] Ying-Ying Zhang, Yu-Han Xie, Wen-He Song, and Ming-Qin Zhou. The Bayes rule of the parameter in  $(0, 1)$  under Zhang's loss function with an application to the beta-binomial model. *Communications in Statistics: Theory and Methods*, 49(8):1904–1920, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565840>.

**Yun:2020:SPO**

- [ZY20] Qian Qian Zhao and Won Young Yun. A sampling plan for one-shot systems considering destructive inspection. *Communications in Statistics: Theory and Methods*, 49(15):3744–3760, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1719159>.

**Zhou:2020:OPC**

- [ZYNX20] Lei Zhou, Hisashi Yamamoto, Taishin Nakamura, and Xiao Xiao. Optimization problems for consecutive-2-out-of- $n$ :G system. *Communications in Statistics: Theory and Methods*, 49(15):3792–3807, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2020.1772980>.

**Zhong:2020:SLL**

- [ZYY20a] Pingping Zhong, Weiguo Yang, and Jie Yang. Strong law of large numbers of the delayed sums for Markov Chains indexed by a Cayley tree. *Communications in Statistics: Theory and Methods*, 49(9):2285–2294, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1571611>.

**Zhou:2020:SPG**

- [ZYY20b] Qi Zhou, Xue Yang, and Ziyang Yang. Some properties of general minimum lower-order confounding designs. *Communications in Statistics: Theory and Methods*, 49(8):1921–1932, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2019.1565842>.

**Zhao:2020:ELB**

- [ZYZ20] Peixin Zhao, Yiping Yang, and Xiaoshuang Zhou. Empirical likelihood based estimation for a class of functional coefficient ARCH-M models. *Communications in Statistics: Theory and Methods*, 49(5):1217–1231, 2020. CODEN CSTMDC. ISSN 0361-0926 (print), 1532-415X (electronic). URL <http://www.tandfonline.com/doi/full/10.1080/03610926.2018.1554139>.