

A Bibliography of Publications about the *R*, *S*, and *S-Plus* Statistics Programming Languages

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, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

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Title word cross-reference

(Q, r) [OOSM18]. **\$109.95** [Has18]. 2
[EN11, Grö14b]. 2×2 [ILS11]. 3
[GGK10, LPLPD14]. 4 [Asq14, HWY18].
\$44.95 [Hou07]. **\$69.95**
[Put06, Sta05, Vie11]. **\$74.94** [Cox05].
\$79.95 [Pet02, Sab19]. **\$85** [Ano03b].
\$89.95 [Kel10, Lum08]. **\$95.00** [Aji17].
\$99.95 [Liu18]. = [Sar06]. ² [Sar06]. α
[LPLPD14, dVSWAL17]. \cdot [Sar06]. h
[HBA19]. K [KSBZ16, PG15, Lei10]. L
[Asq14]. n [HMR⁺13]. p [MF15]. s [HJM08].
 t [AHvD09, HJM08, ML13]. \times [Sta08]. z
[HJM08].
-function [PG15]. **-Gram** [HMR⁺13].
-Level [Grö14b]. **-Means** [KSBZ16].
-Modes [Lei10]. **-moments** [Asq14].
-Parameter [HWY18, Asq14]. **-Shape**
[LPLPD14]. **-Stable** [dVSWAL17].
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 [Hof15].
- 0** [Abr97, Cox05, Dal98, Har03, Orm17, Pet02, Plu01, Til96]. **0-0893-7168-6** [Pet02]. **0-387-40081-8** [Cox05]. **0-387-94350-1** [Abr97]. **0-387-94727-2** [Dal98]. **0-387-98503-4**. [Plu01]. **0-387-98814-9** [Har03]. **0-412-56310-X** [Til96].
- 1** [Abr97, Hou07, Lum08, Pod18, Put06, SS18a, Sta05]. **1-58488-408-8** [Sta05]. **1-58488-425-8** [Put06]. **1-58488-4509** [Hou07]. **1-58488-619-6** [Lum08]. **1-58488-962-4** [Kel10]. **13ARIMA** [SE18]. **1985** [All86]. **1st** [Bia94, Sau10, Sau11, Sau12].
- 2** [Dal98, Sab19, SS18b]. **2.0** [GK16]. **2.0.0** [HL04]. **2.1.0** [HL05]. **2011-04-13** [R D11a, R D11c, R D11d, R D11e, R D11f, R D11g]. **2019** [For20, Pet19]. **20th** [Ano95a]. **21** [MN03]. **242** [IDE15]. **25th** [DO94]. **2608** [MN03]. **2nd** [Ano09a, Ano10, Ano12a, Ano12b, Bos09, CH11b, Cox05, Dem17, DN17, Edd09a, Gal17, GR18, Grö15a, Hel15, Hel18, Hew05, Joh09, KK99, Kha17, Lor18, Lu18, Man03, Pfa12, Qia10a, Ree18, SCD07, Sch08].
- 3** [Rui17]. **3rd** [Ano08, Lum08, San10a].
- 4** [Cap19, Sta97a, Sta97b, Sta97c]. **4**. [Plu01]. **4.5** [Ano98, Gen98, Mat98, Sta99]. **4509** [Hou07].
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- 6** [Has18, Lum08, Pet02]. **68** [IDE15].
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 [Hof15]. **9th** [HI97].

= [CCP⁺11].

A. [Ano08, Ano09c, Ber10]. **Absence**
 [FM08]. **Absolute** [Bel19]. **abstract**
 [KMMV14]. **Abstraction** [BLM⁺15].
Abundance [Fie12, FC11]. **Accelerated**
 [CKY14, HXY12]. **Accelerating** [ES14].
Acceptance [CC11, Kie08].
AcceptanceSampling [Kie08].
accessibility [Aji17, Fri16]. **Accessing**
 [DC09]. **Accuracy** [NAA17, AGM07].
Accurate [AGM07]. **Achim** [Mye09, Sco09].
ACM [The99]. **Acoustic** [OS95].
Acquiring [Grö18a]. **across** [GW18]. **ACS**
 [Gle16b]. **action** [Kab11, Edd12b]. **Active**
 [dLHM09]. **actuar** [DGP08]. **Actuarial**
 [Cha15b, Dur15, DGP08, Spe13, NB13]. **ada**
 [CJM06]. **adabag** [AGG13]. **Adaptive**
 [AHvD09, Cha08b, DHM11, MR12, MMB15,
 MJGM10, PT07, PT09, WLK08, ZS17,
 Ros07, SA15, Hu09, Kel10, O'B08, Rob09].
Add [SH17]. **Additional** [CFSR15, Den16].
Additive
 [AC07, BKL05, Chi07, GR18, Han06a, HC05,
 KV13, LC10, Mai06, Rob07, Sch11, Sta07b,
 SR07, UAK⁺15, Woo06, PW18]. **ade4**
 [BD18, Sha20, TD07]. **ade4TkGUI** [TD07].
Adelchi [Ros00]. **adimpro** [PT07].
Adjacent [dLHM09]. **Adjustment**
 [KK15, KMTS14, SE18]. **Administration**
 [R D11d]. **AdMit** [AHvD09]. **Adrian**
 [Ros00]. **ads** [PG15]. **Advanced**
 [DJS⁺18, Lan17a, Lan14b, Wic19, ACG⁺16,
 Ano13, Lan14a]. **Advances** [Vin10, Str10].
Advection [SKS15]. **Advection-Diffusion**
 [SKS15]. **Africans** [Tyn16]. **AFS** [Ano99].
After [Mar06]. **aftgee** [CKY14]. **Age**
 [Jon07]. **Age-structured** [Jon07].
Agglomerative [Müll13]. **aggressive**

[SWHJ17]. **Agriculture**
 [Pla12, Pla19, For20]. **Aid** [NV11]. **Air**
 [Buc09, PD08]. **Airbnb** [BCG18]. **Ajay**
 [Mat15]. **Akers** [Mor03]. **al** [Lud13]. **Alain**
 [Bai11]. **Alan** [Bat08b, Has18, Ng09].
Albert [Cho09, Pol11a, Bau14]. **Albrecht**
 [AA12]. **Aldo** [Ros10b]. **Alexandria**
 [Ano99]. **Algebra**
 [Fie15, Kha16, Liu16b, ES14]. **Algorithm**
 [CLL17, HC05, KSBZ16, ML13, PK08,
 dLHM09, LAJJ18]. **Algorithms**
 [Bas18, Cic15, Cur18, GFS14, How18, Lab12,
 MJR93, MYK07, MCM12, NV11, Scr13,
 YEL18, ZFZ10, FGZ14, MGHR16, SS18a,
 Val09, WML14]. **Aligning** [CS12].
Alignment [KSS⁺07]. **Alignments** [Gio09].
Allaire [Kim20]. **Allerhand** [Sen14].
allowing [Kom09]. **Alon** [Aji17]. **Alonso**
 [Oli17]. **alphahull** [PLRC10]. **alternative**
 [HBA19]. **Amazon** [HT19]. **AMCMC**
 [Ros07]. **amei** [MJGM10]. **American**
 [IDE15, Gle16b]. **amsrpm** [KSS⁺07]. **Ana**
 [Bat08b, Ng09, Sco13b]. **anacor** [dLM09c].
Analyses
 [Ano06a, Eve94, Eve02, EH06, HM18, Hil06,
 Kim95, Ko95a, Lun07b, Man03, Pen08, Pfa12,
 Vie10, Zie02a, KKL⁺15, MÇSD14, Til96].
Analysing [KWE⁺17]. **Analysis**
 [Agr16, AL16, Ano06b, Ano09d, Ano12b,
 Arm19, BL14a, BBG16, BP12, Bea17, Beb13,
 BC81, BC84a, BC84b, BBG12, BK17, BL15,
 BPGR08, Blo14, BPGC14, BDdM11, BPB09,
 BD18, Bow10, Bur10, Bur12, Car10, CHT98,
 CFHBK11, Cha86, Cha08a, CKY14,
 CFSR15, CS07, CO16, CsC08, Dav95,
 Den98, Dia06, Dia05, Duo07, DHF15, Eme08,
 EE07, EL09, Eva11, Fal12, FBdlF12, Fel12,
 Fer11, FDGD16, Fle11, FC12, FM08, FKP17,
 Fri11, FM16, FGEM12, GP12, GK16,
 GKD14, GZ11, GK14, GCA12, GDMB08,
 GT10, GVM16, Grö15a, GV12, HD18,
 HSL11, Han05, Han98, Har01, Has18, Hec07,
 HH15, HP09, Hla16, Hoe09, HK15, How16b,
 HSG12, JM15, JD15, Joh09, Jon07, Kav15,

KK15, Kee18, Kha18, KE14, KH10, Kos15, Kos16, Kus03]. **Analysis** [Lal17, LRGTA12, LJH08, Lei10, Lep14, LFF17, LZHC17, LL11, LC10, Liu17, LRN18b, LT19, dUJ13, Lor18, Lun07a, LCSC14, MF14, Mai08, Mai11, Mai14a, MdL10, MC97, Sta93e, Mat16a, MF15, MCAP19, MYK07, Meu13, NGBK12, Nor15, Num13, Nun20, Obe14, Oli10b, OK14, PB15, PH16, PPGD15, Par06a, Par12, PP18, Pfa06, Pfa08a, Pla12, Pla19, Pol11c, Pol13, Pri05b, Qia10a, R D11a, RHG09, RG96, Ree18, RJH14, RS05, Riz06, Rob19, RFKM12, RMG12, Ros00, RGD12, RD92, San10a, SMM⁺15, SCK95, Sco10b, Sha16, She11, SC07, SS19b, SS92, SR16, SP10, SVCB18, Sta93f, Ste11, Sun15, Sun16, TV11, TMN16, TM05, TD07, TYH⁺14, Tsa10, ÜS10, Unw11, Unw12a, Unw15, Utl05, VM09a, VR99, Ver18, WLH⁺18, WS11, WM14, Wic09, WG10, Wil14a]. **Analysis** [WGE17, Yu12, YL17, ZQS16, Zie05, dL05b, dLM09c, dWFP11, vdA07, vdA12, Agr13, ACG⁺16, Ano03b, BFA14, BC85a, Bee13, Beh04, Beh05, Beh12, Bos09, Bos12, Ba97, Bro12, BG96, Car04, Car14, CCKT83, Cha99, CP11b, CP13, CRP13, Cot13, Cra02, CCP⁺11, DJS⁺18, Drä12, Eve05, EH11, For20, GCS⁺14, GS19, HKS08, HH04, HN09, HK11, How17, HLP11, Kab11, Kee10, KC14a, Kon04, LB12a, MB03, Mir14, MPV12, Mur05, Nie14, Pal15b, Par15a, PCAS09, PG20, PW18, RFGD08, RD93, Rup11, SVM⁺17, Sch08, Sch17b, Sha12, Sha19, Sha20, Shi16, SS06, SS11, Sta05, Tie09, Tsa13, Tsa14b, Tuk77, Tur12, VS02, Ven04, Vie11, WWDS18, Wil18, WD18, Wil14b, Wün13, ZY19, Alb15, Ano06c, CH17, Lüt11, Par15b, Lun06, Wil11a]. **Analysis** [Ano08, Ano10, Ano12a, Edd09a, Fri12, Har07, How16a, Liu16a, Lum08, O'B12a, Suc07, dL05a]. **analysts** [Tav17]. **Analytical** [MBM18]. **Analytcs** [Cap19, Lan17a, Mye12a, Otn17, Pod18, Sco13a, Cha15a, Lan14a, Mill15a, PK12, RN17, Rus15]. **Analyze** [EBO⁺13, GW18, MdUÁC10, BMOF17]. **AnalyzefMRI** [BDdM11]. **Analyzing** [Arm14, BT05, BCHY09, BKL05, CB17, DHM11, Dév09, Eva14, ERH01, GRMS11, GR16, GRD13, Gos11, Grö14b, LZ10, LX12, MA14, Mug10, RR11, SZ11, Sch16, SM07, Vis10, BBN10, PDH16, Bau14, Daw03, Pal15a, Zie02b]. **André** [Unw13b]. **Andreas** [Ano03c, Ano06d, Eas03, Har03, Zie98, Zie01c]. **Andrew** [Han13a, Han98, Mai10, Mye12a, Ng11, O'B09a, Pet19]. **Andrzej** [Mai14b]. **Andy** [Unw13a]. **Angewandte** [DK09]. **Angoff** [MF14]. **Animated** [NL12, SVC⁺19]. **animation** [Xie13a]. **Animations** [Xie13a]. **Anleitung** [Ano97]. **Anne** [Cox05, Dal98]. **Annie** [Cox05, Dal98]. **Annual** [Ano95a]. **ANOVA** [Ber10, Ros10b, BPSS09, DW17, Gu14]. **Antagonism** [BN10]. **Anwendung** [Süs93]. **API** [Smi17]. **app2web** [VfV13]. **Appendix** [TRM16b]. **Application** [BFRP13, MH07, DH97]. **Applications** [BPSS09, Ber10, Cap19, CsC08, DMS14, Har01, Joh09, Jon13, Lun07a, Mar12, Müll16, Nor14, O'B13, Pol13, Qia10a, dREP12, Rao14, Ros10b, Sch14, Sch17a, Tro09, VFV13, Ven10, Bia94, Bos09, Car16, CL11, CCP⁺11, Dem13, HKS08, Hor09, JWHT13, Riz12, Sch08, SS06, SS11, Tsa14b, VP16, SS18b]. **Applied** [Abr97, Arg98, BPGR08, BA97, BG96, CP13, Cow03, Fer02, Fou09, GF09, Jam96, KK99, KZ08, KM01, Lu18, Mar07, Par06b, Sco13a, Unw12a, VR94, VR02, Wei14, WGE17, Yu12, Zie00, Zie01b, Zie04, CC08b, EH11, Fox02, PK12, RFGD08, Sel98, VR97, VR99, VR00a, DK09, Has18, Krä20, Par15a, PG20, Bra03, Den98, Eas03, Edd09b, Han98, Har03, Hoe09, Lor18, Mye09, Oli17, Pal15b, Ros00, SL09, Sco09, Sha19, Zei16, Zha11]. **Applix** [Ano99]. **Applixware** [Ano99]. **Apply** [WPW15]. **Applying** [ZS17]. **Approach** [BBG16, Den98, EN11,

FGEMI12, Gou10, Hub11, Lal17, Mar11, Nun20, Oja10, RLWP16, RJH14, Ros00, San10a, She09, SS19b, SCS13, BA97, CC08b, GB13, Gav10, Lan09a, MB03, Ohr14, OOSM18, PH16, Par06b, RN17, Otn17]. **Approaches** [LZ10, PU13, Vis10, De 16]. **approximant** [LF15]. **Approximate** [Gra16, Ros08]. **Approximation** [HH14, LPLPD14, RRSPT12]. **April** [Ano95a]. **Arbeiten** [Ano97]. **ARC** [Ger94, Mat94]. **ARC/INFO** [Ger94, Mat94]. **Archetypal** [EL09]. **Archimedean** [HM11]. **Archive** [Hor12b]. **archivist** [BK17]. **Areal** [LRN18a]. **Arguments** [Hof11]. **Ariel** [Oli17]. **Arithmetic** [Wol94, Wol99]. **Arm** [IDE15, JPM19, KWE⁺17, KF14, LZHC17]. **Arm-Based** [LZHC17]. **Arnaud** [Unw13b]. **Arnholt** [Bat08b, Ng09]. **Array** [BS18, LBW18]. **arrgh** [Kor18]. **Art** [IR12, Mat11, SME⁺09, Wil11b]. **Artifacts** [BML19]. **ASMap** [TB17]. **aspect** [MdL10]. **Assemblage** [Yua07]. **Assertive** [Tho18]. **Assessing** [BN10, Kie08, LQC⁺12, HBA19]. **Assessment** [CB17, RG96, SIRC16, Smi07, USHH18]. **Assessments** [ZUL14, LB12b]. **Association** [Fou09, HSG12, MF15, SL09, ZFZ10, Zha11]. **Asymmetric** [Asq14]. **Asymptotic** [FS10a, ZFZ10]. **asymptotics** [YWL02]. **Atlantic** [Tyn16]. **atmospheric** [IESdF18]. **Attaining** [Gav10]. **Aufgaben** [Kra97]. **Augmentation** [TDRD15]. **augSIMEX** [ZY19]. **August** [HI97]. **Australian** [SPPP17]. **Authoring** [Mor18]. **Automated** [CdM10, Mun14a, Sek11, Sel17, Iac15]. **Automatic** [GZ09, HK08, Tan18]. **Automatically** [HL09]. **autoplotly** [Tan18]. **Autoregression** [MZ08]. **Autoregressive** [ABC19, Lee13, LRN18a, Wan13, CRP13]. **Average** [HPWdL15, CRP13]. **Averaging** [ZF15]. **Award** [The99]. **Azzalini** [Den98, Ros00].

B [Abr97, Ano06a, Ano06c, Arg98, Dav95, Fer02, Few09, Jam96, Kim95, Yu12, Zie01b, Zie02b, The99]. **B2Z** [MBR11]. **BACCO** [Han05]. **Back** [WDT⁺12]. **Back-End** [WDT⁺12]. **Baclawski** [Pic09]. **Bagging** [AGG13]. **Balance** [Sek11]. **bamdit** [Ver18]. **Bandwidth** [dREP12]. **Bank** [Van18]. **BANOVA** [DW17]. **Baptiste** [Tat18]. **Barely** [Bro14]. **Baron** [Mai14a]. **BARS** [WLK08]. **Base** [Hel16, Wei12, R D04]. **Baseball** [Bau14, Pal15a, MA14]. **Based** [AR14, AWBM18, ABGF17, BBG16, BBG12, Bra15, CQZ⁺10, Cul11, FHH17, Fuj17, GFS14, HD12, HMR⁺13, Hub11, KK14, Lal17, LIL⁺15, LSPvdL17, LZHC17, LBC⁺16, Mel16, MVS13, NAA17, Oja10, RBHB15, RGD12, SL09, San10a, SR18, SLS⁺12, TM05, TFR16, WMS17, Wee10, Cha99, De 16, ELS17, Fou09, HLT09, HBA19, HBNS14, HT19, HMRS14, KF10, LF15, MB03, RRSPT12, SA15, Zha11]. **Basic** [Aiz12, Fox05b, GK14, PLR⁺16]. **Basic-Statistics** [Fox05b]. **Basics** [Ano03c, Ano06d, Bar02, Bro07, Fie15, Fox05a, Mac98, Sis03, Zie98, Zie01c, KO97, KO00, Kra05, Liu16b, Kha16]. **Basso** [Ber10, Ros10b]. **Batch** [BLM⁺15, LBS17, Hof11]. **BatchExperiments** [BLM⁺15]. **Batching** [Hof11]. **BatchJobs** [BLM⁺15]. **batchtools** [LBS17]. **Bates** [Woo01, Zie01a]. **Baumer** [Liu18]. **Bayes** [JS05, KG17, Woo05]. **bayesclust** [GFC12]. **Bayesian** [Hew16, Rui17, Alb07, Alb09, ACG⁺16, BS15, BGH⁺17, BKL05, Bür17, Bur12, CF14, CCJMR16, Cho09, DW17, EE07, GCS⁺14, GG16, Gra07, Han05, JHQ⁺11, Kom09, Kur19, Lee13, LBC⁺16, MR14, McE16, MBR11, Mwil1, ND12, NAA17, OK14, Pol11a, RAM05, SP14a, Sav16, Sch11, Sch17c, Scu10, SD15, SCS13, SVCB18, SR17, Tat18, TDRD15, TNM17, Ver18, WLK08,

WLH⁺18, WM14, ZF15, Cha14a, Cho15, Dem17, VSS⁺17]. **Bayesianbetareg** [CCJMR16]. **BayesLCA** [WM14]. **bayesTFR** [SAR11]. **BayesTwin** [Sch17c]. **BayesX** [BKL05, UAK⁺15]. **Baylac** [Mai09]. **BB** [VG09]. **bclust** [ND12]. **bcp** [EE07]. **beam** [OS95]. **beamplots** [HBA19]. **beanz** [WLH⁺18]. **Beautiful** [BY18]. **Bécue** [Rie19, Sán19]. **Beginner** [Bai11, ZIM09]. **Beginners** [Bel19]. **Behavioral** [LB12a, SD18, Mai14a]. **Behavioural** [Bee13]. **Benjamin** [Liu18]. **Bennet** [Pod18]. **Bergm** [CF14]. **Bernhard** [Ano10, Lüt11]. **Bernoulli** [BS18]. **Bertaut** [Rie19, Sán19]. **Bespoke** [NRD16]. **Best** [Nas14]. **Beta** [CNZ10, GKZ12, MP14, NAA17, CCJMR16, CHB14]. **Beta-Binomial** [NAA17]. **Between** [SBMG06, De 16, LS16, Urb09, WDT⁺12]. **Beyond** [RG96, Var14, ZUL14]. **bgmm** [BSVT12]. **Bi** [TV11]. **Bi-Parental** [TV11]. **BibLaTeX** [McL17]. **BibTeX** [McL17]. **Bidimensional** [Car13]. **BiDimRegression** [Car13]. **Biennial** [Bia94]. **big** [Kut13]. **Bigirumurame** [Oli17]. **bild** [GCA12]. **Bilder** [Par15b]. **Binary** [GCA12, IDE15, KF14]. **Binomial** [DM18, KV13, NAA17, SR17]. **Binseqtest** [IDE15, KF14]. **bio** [Hel15, RB11]. **bio-ontologies** [RB11]. **bio.infer** [Yua07]. **Bioassay** [RS05]. **Bioconductor** [Ano12b, Drä12, GIH⁺05, LM14a, Doe06, Dav07]. **biodata** [Wün13]. **Biodiversity** [Han07b]. **Bioinformatics** [GIH⁺05, SL05, Gen09, Ber09, Dav07, Doe06, dL09b]. **Biological** [DK09, KHLF⁺10]. **biologischen** [DK09]. **biologists** [Hec15]. **Biology** [BFRP13, Dav07, Doe06, HH18, Lab12, GIH⁺05, Shi16, Val09, Wün13]. **BioMark** [WF12]. **Biomedical** [Cap19]. **Biostatics** [Oli17]. **Biostatistical** [Zie00, Sel98]. **Biostatistics** [HGG08, H⁺09]. **BiplotGUI** [IGIRGL09]. **Biplots** [IGIRGL09]. **Biquandle** [FW18]. **Birds** [EBO⁺13]. **Birnbaum** [BPL09]. **bittrex** [Kan17]. **Bivand** [Hoe09]. **Bivariate** [KN05, Nag18, NAA17, PZK⁺12, SSV14, Ros08]. **Black** [SGHY11]. **Blind** [GL14]. **blm** [KV13]. **BMS** [ZF15]. **bnlearn** [Scu10]. **boa** [Smi07]. **Boca** [Agr16, Cho20, Cur18, Edd18, For20, Gal17, Gle16a, Grö15a, Grö16, Hou07, Kel10, Kha16, Liu17, Lum08, Nun20, Orm17, Par15b, Pet19, Put06, Rob17, Sab19, Sán19, Sta05, Tat18, Vie11]. **Bocard** [Mye12b]. **Bolker** [Few09]. **bomrang** [SPPP17]. **Book** [Abr97, AA12, Agr16, Aji17, All11b, AC04, AC07, Ano03a, Ano03c, Ano03b, Ano06b, Ano06a, Ano06c, Ano08, Ano09a, Ano09b, Ano09c, Ano09d, Ano10, Ano12a, Ano12b, Ano16, Arg98, Arm19, Bai11, Bar02, Bar18, Bas18, Bat04, Bat08a, Bat08b, Bau14, Beb13, Ber10, Ber09, Boo10, Bos09, Bos10, Bow09, Bow10, Bra03, Bro07, Bro10, Buc09, Bul06, Bur07, Bur09, Bur10, BL11, Cam09, Cap19, Car10, Car16, Cha14a, Che11, Chi07, Cho15, Cho09, Cho20, Chr09, CH11b, Cow03, Cox05, Cur18, The99, Dal98, Dav95, Dav07, Daw03, Dem17, DN17, Dem18, Den98, Dia06, Dia18, Dic12, Doe06, Doe10, Dow17, Dre19, Dur14, Dur15, Eas03, Edd09c, Edd09a, Edd09b, Edd11, Edd12b, Edd12a, Edd18, Eme08, Esp15]. **Book** [Eva11, Eva14, Fer02, Few09, Fin11, Fis06, Fle11, For20, Fot07, Fox05a, Fri12, Fri11, Gal17, Gil14, Gle16a, GR18, Gou05, Gou10, Grö11, Grö13, Grö15b, Grö15a, Grö16, Grö18a, Gro18c, Gro08, Gun06, Gut11, Hac17, Hæg12, Han13b, Han13a, Han98, Har03, Har19, Har07, Has18, Hec07, Hel15, Hel16, Hel18, Hew05, Hew16, Hil06, Hil10, Hly09, Hoe09, Hof15, Hor12c, Hou07, How11, How16a, How16b, Hu09, Hub11, Hüs18, IR12, Iac15, Jam96, Joh09, Jon13, KK99, Kau13, Kel10, Kha16, Kha17, Kha18, Kim20, Kim95, Kin20, Kle17, Ko95b, Ko95a, Kos15, Kos16, Krä20, Kuh10, Kum07, Kum10, Kus03, Lal17, Lan17b, Law02, Laz11a, Laz11b, Leo10, Lep14, Lew16, Lha14, Lil1,

Lig09, Liu15, Liu16a, Liu16b, Liu17, Liu18, Lor18, Lu18, Lud13, Lum01]. **Book** [Lum08, Lun02, Lun06, Lun07b, Lun07a, Luo09, Lüt11, Mac98, Mai06, Mai08, Mai09, Mai10, Mai11, Mai12, Mai14a, Mai14b, Mal13, Mal09, Man03, Mar11, Mar12, Mat13, Mat15, Mat16a, McN14, McN04, Mig10, Mil12, Mil10, Mor18, Mor03, Mor09, Mü16, Mun14b, Mur14, Mye09, Mye12b, Mye12a, Neu11, Neu12, Ng06, Ng09, Ng11, Nie11, Nie14, Nor08, Nor09, Nor14, Nor15, Num13, Nun20, O'B08, O'B09c, O'B09a, O'B09b, O'B10, O'B12b, O'B12a, O'B13, O'B14, Oli07, Oli10b, Oli10a, Oli17, Oom10, Orm17, Otn17, Pal15a, Pan15, Par15b, Par15a, Pav16, PG20, Pet02, Pet19, Pfa12, Pic09, Pie09, Plu01, Pod15, Pod18, Pol09, Pol11a, Pol11c, Pol13, Put06, Qia10a, Rao14, Ree09, Ree18, Ric11, Rie19, Rip11, Rob12, Rob13, Rob19]. **Book** [Rob05, Rob07, Rob08, Rob09, Rob17, Ros09, Ros10b, Ros00, Rui16, Rui17, Rus15, SL09, Sab19, San10b, San10a, San11, Sán19, San03, SCD07, Sau10, Sau11, Sau12, Sch08, Sch09, Sco09, Sco10b, Sco10a, Sco11, Sco12, Sco13b, Sco13a, Sel17, Sen14, Sha16, Sha11, Sha19, She11, Sis03, Smi06, Soe10, Sól10, Sta05, Sta07a, Sta07b, Ste11, Sto11, Str10, Suc07, Sun15, Sun16, Tat18, Til96, Tol03, Tsa14a, Tur12, Tus05, Tyl07, Unw11, Unw12b, Unw12a, Unw13b, Unw13a, Utl05, VM09b, VM09a, Veh13, Ven10, Vey14, Vie11, VSS⁺17, Vis10, Voe09, Wan06, Wan16, Wic08b, Wic08a, WG10, Wil14a, Wil11a, Woo01, Woo11, Woo98, Yal10, Yu12, Zei16, Zha11, Zie98, Zie99, Zie00, Zie01c, Zie01b, Zie01a, Zie02a, Zie02b, Zie04, Zie05, dL05b]. **Book** [dL05a, dL06, dL09a, dL09c, dL09b, Cra07, Cra12, Dav15, MN03, Laz11b, Lig09, Sta07a, Gil14]. **bookdown** [Mor18]. **Books** [Mor18]. **Boosting** [AGG13, CJM06, De 16, HMRS14]. **Bootstrap** [DH97, HH14, Han13a, Mar12, O'B13, VW13, VdL09, CL11, ZHL11]. **bor** [SD18]. **Borcard** [O'B12b]. **Boundary** [DLN17, HS18]. **Bounds** [Hla16]. **Bouvier** [AC04, Cox05, Dal98, Woo98]. **Bowman** [Den98, Ros00]. **Box** [SGHY11]. **Bradley** [Fir05, TF12]. **BradleyTerry2** [TF12]. **Brain** [RR11]. **branch** [GL15]. **Braun** [Hly09, Nor09]. **Bretz** [Che11, Dic12, Ric11]. **Brian** [Ano06b, Daw03, Kau13, Ko95a, Lun06, Pfa12, Til96, Unw12a, Zie02a]. **Brief** [Bec94, EB18, RL15, FM18b]. **brms** [Bür17]. **Broman** [Doe10]. **Browser** [BP17]. **Bruce** [Han98, Laz11a]. **Bruno** [O'B12a]. **BSP** [Röh00]. **bspmma** [Bur12]. **BugsXLA** [Woo05]. **Building** [BCHR15, CG15, HMS16, Kuh08, SSV14, SMHBR06]. **builds** [Ano96]. **built** [FGG⁺94]. **Bulut** [Sab19]. **Bundle** [Han05]. **Bureau** [SPPP17]. **Burt** [Utl05]. **Burzykowski** [Oli17, Mai14b]. **Business** [RN17, Sco13a, GF09, Par06b, PK12, Otn17]. **Buyse** [Oli17].

C [Ano09b, Cur18, Edd18, Has18, Rip11, Sco12, Sco13b, Sta08, Woo01, Zie01a, Ano99, BS13, EF11, ES14, EB18, EK12, GH18, GHN19, GMF18, Lan09b, Mat16b, Mwi13b, dVSWAL17, SCS13, Smi18, Ste00, Urb09, WLK08]. **C-** [BS13]. **c-tree** [Ano99]. **C.** [Ano09b]. **C/C** [Lan09b, dVSWAL17]. **Caching** [Pen08, SNR18]. **CADF** [Lup09]. **CAinterprTools** [Alb15]. **Calculate** [TFR16, ZFZ10]. **Calculation** [FW18]. **Calculations** [LQC⁺12, PLZ⁺15, Spe13]. **Call** [PLLC11]. **Calling** [But05]. **Cambridge** [Bar95, Pod18]. **Campagnoli** [Mig10, O'B10]. **cancerclass** [JKvT⁺14]. **Candidate** [AHvD09]. **Canonical** [GDMB08, LM18, dLM09c]. **Can't** [The99]. **Capabilities** [KK14]. **Capability** [SFS12]. **Capture** [BR07]. **Capture-Recapture** [BR07]. **CARBayes** [Lee13]. **CARBayesST** [LRN18a]. **caret** [Kuh08]. **Carey** [Doe06]. **Carl** [O'B09b]. **Carlo** [Neu11, Rip11, Sco10a, CGC11, DK18, LT16, MQP11, RC10, SP10]. **CARMA** [IM15].

Carmona [Dia06, Zie05]. **Carpal** [The99]. **Cartograms** [Pan18]. **cartography** [GL16b]. **Case** [ADH11, Bra03, Buc09, Eas03, HSL11, PD08, ZFZ10, BVFB19, Har03, HBNS14, KM01, TNM17]. **Case-Control** [HSL11, ZFZ10, HBNS14]. **Casella** [Rip11, Neu11, Sco10a]. **Cat5** [Ano99]. **Catastrophe** [GvdMW09]. **Categorical** [Agr13, Agr16, BPP17, BL15, FM16, GT10, Liu16a, MH18, Mel16, Par15b, PU13]. **Categorization** [HMR⁺13]. **catR** [MR12]. **Causal** [HPWdL15, KMC⁺12, RJH14, SH17, SvdLN17, TYH⁺14, Shi16]. **Cause** [Shi16]. **CCA** [GDMB08]. **CDF** [SS19a]. **CDF-Quantile** [SS19a]. **cdfquantreg** [SS19a]. **CDM** [GRK⁺16]. **CDVine** [BS13]. **Cell** [BFRP13]. **Censored** [AB17a, FS10a, OL17, TGJ17, Kom09]. **Census** [Alm10, Smi17]. **Center** [IEE93, IEE94]. **centered** [JPOJ12]. **Central** [Phi10]. **CGIwithR** [Fir03]. **Chain** [MQP11, VV16]. **Chained** [vBGO11]. **Chains** [Sch16]. **challenges** [TLH11]. **Chambers** [Ano99d, Kle17, Plu01, Rob17, Oli10b]. **Chan** [Joh09, Qia10a]. **Chang** [Hu09, Kel10, O'B08]. **Change** [EE07, JM15, ZLHK02]. **Changepoint** [KE14, ACG⁺16, KE14]. **Chapman** [Gle16a, Grö16, Hac17, Has18, Hou07, Kel10, Kha16, Kle17, Liu18, Lum08, Oli17, Orm17, Par15b, Put06, Rao14, Rob17, Rus15, Sab19, Sta05, Til96, Vie11]. **Characteristics** [GG16]. **Characterization** [BLY18]. **Characterize** [MTPL15]. **Chart** [ZP13]. **Charts** [Anh18]. **Chaudhary** [Ano08, Lum08]. **checkr** [Tho18]. **Chemical** [Guh07]. **Chen** [Num13, Par15a]. **Chernick** [Mar12, O'B13]. **chi** [CM14]. **chi-square** [CM14]. **Chichester** [Hel15, Iac15]. **CHICOM** [GHN19]. **Chihara** [Sco12]. **CHIWEI** [GH18]. **Choice** [Aiz12, Eva14, dREP12, Sar16, Sch11, Arm14]. **Chollet** [Kim20]. **Chris** [Rus15]. **Christian** [Cha14a, Iac15, Mye09, Neu11, O'B09b, Sco09, Sco10a, Sel17]. **Christopher** [Par15b, Pet19, Sab19]. **Chromatograms** [CS12]. **Churchill** [Bar95]. **Cichosz** [Bas18]. **CircNNTSR** [FDGD16]. **CircSpaceTime** [LSM20]. **Circulant** [DB13]. **Circular** [BFRP13, FDGD16, Mul15, OCRC14, PNR13, LSM20, Lew16, Liu15, Pan15]. **CL** [Spa17]. **Class** [Bea17, Lei04, LHS08, LL11, PC11, Sho13, WM14, BBG14]. **Classes** [KR10]. **classical** [SS18b]. **Classification** [AGG13, AWBM18, Arc10, CC08a, GSD12, GZP14, LIL⁺15, Lee18, RBHB15]. **Claude** [Kum10, Mai09]. **Claus** [Häg12, Neu12, Hac17]. **Cleaning** [Grö18a]. **ClickClust** [Mel16]. **Clickstream** [Sch16, Sch16]. **Client** [Ano99, AB12, CH17, Kan17]. **Climate** [HCM⁺18]. **Climatology** [Dia18, EJ13, Spa17]. **ClimDown** [HCM⁺18]. **Clinical** [CP11b, JPM19, LQC⁺12, USHH18, PFT⁺12, TPAM07, Dre19, Num13, She11]. **Closing** [WDT⁺12]. **Cloud** [HT19, Mat15, Ohr14]. **Cloud-based** [HT19]. **clues** [CQZ⁺10]. **Cluster** [BPDD08, FGEMI12, GASA15, Hof11]. **Cluster/Multicore** [Hof11]. **Clustered** [HC05]. **Clustering** [AWBM18, AM14, BBG12, Bra15, CQZ⁺10, CKSLS12, FM18a, HD10, KK14, KSBZ16, LH12, MCM12, Mel16, MV14, Müll13, ND12, SR18, YEL18, CKSLS18, MT20, SHR97]. **Clusters** [CGBN14, GFC12]. **ClustGeo** [CKSLS18]. **ClustOfVar** [CKSLS12]. **clustvarsel** [SR18]. **clValid** [BPDD08]. **Co** [GVM16, Har07]. **Co-Integrated** [Har07]. **Co-Occurrence** [GVM16]. **Coarse** [MBGK18]. **Coarse-Grain** [MBGK18]. **Code** [Aiz12, AD15, BDMP15, BK11, BS18, CG15, Car13, CS12, CO16, DMB18, FKP17, GHN19, GVM16, Han05, Han06a, HW07, Han07a, HXY12, Hof11, Hoh18, Jal19, LW16,

LQC⁺12, LRN18b, MF14, MHJS16, MTPL15, MBGK18, MF15, MP14, NK06, NAA17, Pan18, Pap16, PZK⁺12, Phi10, Rec10, RBB18, Rob18, RD92, Ruf09, SBMG06, TR14, Tie09, VSV09, VYD⁺12, Wei12, XMW10, dSJdSF14, BVFB19, Beh04, Beh05, GH18, GMF18, Lan09b, RD93, Gro18c]. **CodeMeta** [Boe17]. **codes** [ABEY18, VP16]. **Coding** [Hec07, dL05b, Mur05, SS18a]. **Coefficients** [TR14]. **Cognitive** [GRK⁺16]. **Cohorts** [BBGL17]. **Cointegrated** [Ano10, Edd09a, Lüt11, Pfa06, Pfa08a]. **Colin** [Cho20]. **Collaboration** [BBGL17]. **collected** [DO94]. **Collection** [Iac15, Mun14a, RG07, Sel17]. **College** [Bar95]. **Collocation** [Sch17a]. **column** [YH14]. **COM** [BN07]. **Combination** [YEL18]. **Combinator** [Siu17]. **Combinatorial** [Val09, Lab12]. **Combinatorics** [Han07a]. **Combining** [BMGT15]. **Command** [HL09, Hof11]. **Command-Line** [HL09]. **Commander** [Fox05b, FC12, Wil12]. **Comment** [Lub91]. **Common** [Woo05]. **Communication** [Kin20, LA19]. **Communications** [RL15, Gav10]. **Community** [BCHR15, Gle16b, ZGS⁺18]. **comorbidity** [Gas18, Gas18]. **Companion** [Ano06c, Cow03, Lun06, Zie04, dL05a, Den13, Eve05, Fox02, Kau13, Mat13, Mur14]. **Comparative** [ADH11]. **compareGroups** [SSV14]. **Comparing** [LA19, ZHL11, GHN19, Han13a]. **Comparison** [Lan95, OL17, Sch14, TM15, De 16, Las97]. **Comparisons** [BHW11, Che11, Dic12, HD12, KPSH15, MVS13, Ric11]. **Competing** [BAS12, MN17, SZ11, dWFP11, BVFB19, Mal13]. **Compilation** [Lan14b]. **compiled** [GMF18]. **complement** [OS95]. **Complete** [OK14]. **Completely** [JJJ14]. **Complex** [AT13, BY18, GP12, MN14, Obe14, SvdLN17, TMKD17, Kut13, SK17]. **Complexity** [Bra15]. **Complexity-Based** [Bra15]. **Component** [BDdM11, GKD14, MW07]. **Components** [BdMM15, Kom09]. **Composition** [Yua07]. **compositional** [PG20, Sha19]. **compounding** [NPR13, NPR13]. **CompRandFld** [PB15]. **Comprehensive** [RFKM12, SR17, Hor12b]. **Computation** [AB17b, ABGF17, Dem17, KC14b, dVSWAL17, Alb07, Alb09, Cho09, Kut13, Mwi11, Pol11a, Röh00]. **Computational** [Cha15b, Dav07, Din06, DO94, Doe06, How17, Lab12, LZ10, Saw09, Vis10, WDT⁺12, Wün13, GIH⁺05, Val09, Mil12, Boo10, Dur15, Edd09c, Kha18, Rob19]. **Computationally** [BG18]. **computations** [SR17]. **Compute** [Phi10, dSJdSF14]. **Computer** [All86, Ano99, DHF15, Han05, PPGD15, RGD12, Hor09, SS18a, SA15, All86]. **Computerized** [MR12]. **Computing** [AGM07, Cha10, CQ95, Den16, DO94, Edd18, Esp15, FBdlF12, FT08, Gio09, Kus03, Mat16b, R D11b, RTL07, SFS12, SME⁺09, Sco13b, TRL09, WSZ12, ACG⁺16, Ano03b, Cra02, Day15, EK12, EKP⁺11, Gas18, HLT09, JPOJ12, Lan18, Lon15, Mwi13b, NPR13, Ohr14, Riz08, WWDS18, Wil12, YS13, Mat15]. **Concave** [CGS09]. **Concepts** [BVFB19, Lun02, Mor03, SA01]. **Concerto** [SA15]. **Concurrent** [AD15]. **Conditional** [Lee13, LRN18a, OHD17]. **Conditioning** [Mar06]. **Conditions** [Yua07]. **Conducting** [KWE⁺17, SvdLN17, Vie10]. **condvis** [OHD17]. **Cone** [LM14b]. **coneproj** [LM14b]. **Conference** [DO94, HI97, Ano95a, Bia94, IEE93, IEE94]. **Confidence** [KPSH15]. **Conjugate** [Sho13]. **connect** [CBL⁺19]. **connectivity** [Urb09]. **Consistency** [LQC⁺12]. **Constrained** [BFRP13, LM14b, LC10, Mug10]. **Constraints** [Grö10, CKSLS18]. **Constructing** [CSNF18, MB15].

Construction [Jon07, Kav15, TB17]. **Consumed** [PZK⁺12]. **consumption** [KKL⁺15]. **Contact** [GW18]. **Contaminated** [PMM18]. **ContaminatedMixt** [PMM18]. **contemporary** [SP14b]. **Context** [RG07, BVFB19]. **conting** [OK14]. **Contingency** [OK14]. **Continuous** [BHS00, CC08a, Hoh18, KY10, KK14, Mul14, PJSPC17, Wan13, NPR13, TPAM07]. **Contrast** [WS11]. **Contrast-Enhanced** [WS11]. **contribution** [Sta05]. **Control** [ADH11, BCS96, HSL11, MG09, TKM15, ZFZ10, ZP13, ELS17, HBNS14]. **Controls** [BCAB07]. **controvery** [CM14]. **Convention** [IEE93, IEE94]. **Convergence** [Smi07]. **Conversion** [Hil96, Lei13]. **convert** [ABEY18]. **Convex** [KM14, PLRC10]. **convoSPAT** [RC17]. **cooccur** [GVM16]. **Cook** [Eme08, Mai08]. **Cookbook** [Cha18, LT19, Tee11, How11]. **cooperative** [CBGGV17]. **Copula** [Nag18, NAA17, WMR16, ELS17, KY10]. **Copula-Based** [NAA17, ELS17]. **CopulaDTA** [NAA17]. **copulaedas** [GFS14]. **Copulas** [BS13, GFS14, HD18, HM11]. **Copy** [SIR⁺11]. **Corel** [Ano99]. **Cornillon** [Unw13b]. **Corporation** [Ano99]. **Corrected** [BK11, HS18]. **Correlated** [AD15, Ano08, RMG12, BF17, Lum08, SC07]. **Correlation** [BKT14, FM19, GDMB08, HM18, LAJJ18, Ros08, Shi16]. **Correlations** [LH12]. **Correspondence** [Mur05, dLM09c, Beh04, Beh05, Alb15, Hec07, dL05b]. **Cosenza** [Bia94]. **Cost** [PN97]. **Count** [Agr16, FM16, HD18, Hil14, JD15, LFF17, ZKJ08, WM18]. **Counterfactuals** [SKZ05]. **country** [ABEY18]. **countrycode** [ABEY18]. **Counts** [Cam12]. **Course** [HH15, Hew16, Hly09, Sta93a, Nor09, Pri05b, Rui17, Sha16, Sta93b, Utl05, Wic08a, BM07, Dav15, HH04, McE16, TRM16a]. **Covariable** [KK15]. **Covariance** [PP17, RC17]. **Covariate** [HPWdL15, HXY12, Sta08]. **Covariates** [VKVC15, ZY19]. **CovSel** [HPWdL15]. **Cowpewartwait** [Li11, Mai10]. **Cox** [CG15, De 16, DPSH18, Gan15, TDRD13, TDRD15, TR14]. **CoxBoost** [De 16]. **coxphw** [DPSH18]. **COZIGAM** [LC10]. **Crash** [Sta93a, Sta93b]. **Crawley** [Ano03b, Hel15, Dur14, Kus03, Laz11b, Lig09, Ng06, Sta07a]. **crawling** [KF17]. **CRC** [Agr16, Cho20, Cur18, Edd18, For20, Gal17, Gle16a, Grö15a, Grö16, Hac17, Has18, Hou07, Kel10, Kha16, Kle17, Liu17, Liu18, Lu18, Lum08, Oli17, Orm17, Par15a, Pet02, Pet19, Put06, Rao14, Rob17, Rui17, Sab19, Sán19, Sta05, Tat18, Vie11, Par15b]. **Create** [GL16b]. **creates** [ZGS⁺18]. **Creating** [BY18, Grö14b, HL09, Ver12, Xie13a]. **Creation** [NRD16]. **Creator** [The99]. **credit** [LB12b]. **Cressie** [Pet19]. **critical** [Las97]. **crimm** [SIR⁺11]. **Cross** [CH18, ESO16, KO06]. **Cross-Language** [ESO16]. **Cross-Validation** [CH18, KO06]. **CRS** [HHJC14]. **CRU** [Spa17]. **Cruising** [The99]. **Crunching** [Gen98]. **Cryer** [Joh09, Qia10a]. **Crypto** [Kan17]. **Crypto-Currency** [Kan17]. **CSS** [LeB18]. **cts** [Wan13]. **CUDA** [Edd18, Mat16b]. **curates** [ZGS⁺18]. **Currency** [Kan17]. **Curve** [Wil14a, Mir14]. **Curves** [KHLF⁺10, OL17, TFR16, PDH16]. **Cusp** [GvdMW09, GvdMW09]. **Customer** [PK12, Sco13a]. **Customizable** [MH09]. **Cutpoints** [LRRÁCSGS14]. **CVTresh** [KO06]. **CXXR** [Run13]. **Cycling** [FK17].

D [Abr97, Arg98, Ber10, Buc09, Cap19, Eme08, Fer02, Han13a, Jam96, Joh09, Mye12a, Qia10a, Sab19, Woo01, Zie01b, BS13, EN11, GGK10, LPLPD14]. **D-Vine** [BS13]. **D**. [Eme08]. **D3GB** [BP17]. **DAD** [RG07]. **Daily** [SHN17]. **DAKS** [US10]. **Dalgaard** [Ano09a, San03]. **Dandelion** [MÇSD14]. **Daniel**

[Liu18, Mye12b, O’B12b, Sco13a, Zei16].
Daniela [Nor14]. **Dario** [Ros10b]. **Data** [Agr16, AL16, Alm10, AD15, AB17a, Ano08, Ano09d, Ano12b, ARC04, BL14a, BFRP13, BY18, BPP17, Bau14, BC81, BC84a, BC84b, BML19, BB18, BBG12, BK17, BL15, BCG18, BPGR08, Bol08, BDdM11, Bow10, Bur10, But08, Car10, CB17, Cha86, Cha98, Cha08a, CGBN14, Cic15, CFZ09, Cle93, CS07, Daw03, Den98, Dia06, Dia05, Dow17, Duo07, ESO16, Edd18, Eme08, FS10a, FBdlF12, Fel12, Fer11, FDGD16, Few09, Fle11, FM18a, FK17, Fri12, Fri11, FM16, Fuj17, GASA15, GP12, GKZ16, GGK10, GCA12, Gos11, Grö15a, Grö18a, Gro08, HD10, HD18, Har19, HM18, Hec07, HH15, HH19, Hil14, HC05, Hoe09, HK15, IP08, Iac15, Jac11, Jal19, JM15, JKvT⁺14, JD15, Jon13, Kee18, KSS⁺07, KH10, KK14, Kos16, Kuh10, Kus03, Kut13].
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Data [Ver18, VYD⁺12, Vis10, WGSL12, WDM⁺11, WST11, Wic09, WG10, WCHB11, Wil11a, Wil11b, WsT18, ZKJ08, ZQS16, Zie02b, Zie05, dL05b, Agr13, AD17, Ano03b, AB90, BKH17, BC85a, Bee13, Bos12, BA97, Car04, Car14, CCKT83, Cha99, CP11b, Cho20, Cle85, Cle94, CC08b, Cot13, Cra02, Dév09, Dir18, Drä12, ERH01, Fal12, For20, FM18b, GCS⁺14, GF09, GS19, HH04, HN09, HK11, JPOJ12, Kab11, Kee10, Kle09, KC14a, Kom09, Kon04, Lan09b, LSM20, LB12a, LF15, Lum08, MA14, Mil10, Mil15a, MT20, MZ18, Mur05, Nie14, NL14, Ohr14, PCAS09, PG20, Per14, PK12, RFGD08, Riz12, RL15, Rup11, Sán19, Sar08, Sha12, Sha19, Sha20, SC07, Smi17, Tsa13, Tuk77, VS02, Ven04, Vie11, WWDS18, WG17, WM18, XLX⁺19, ZY19].
data [ZM14, Agr16, Bas18, HüS18, Mil17b, Sta05, Arm19, Bat08a, Bro10, Cap19, San10a, Sau10, Sau12, Wic08b].
data-centered [JPOJ12]. **Data-driven** [Kut13]. **Database** [FGG⁺94, HI97, MC97]. **DataBlade** [MC97]. **datacollection.com/** [Iac15]. **Dataset** [SVCB18]. **datastructures** [Dir18]. **Datendesign** [Rah14].
DATforDCEMRI [Fer11]. **David** [Agr16, Car16, Nun20, Pol13, Rao14, Sch08]. **Davies** [Ano16]. **dawai** [CFSR15]. **Dayal** [Hof15]. **dbEmpLikeGOF** [MVS13]. **DBKGrad** [MP14]. **dbmss** [MTPL15]. **DCE** [Fer11]. **DCE-MRI** [Fer11]. **Dealing** [Kas16, Pap16]. **Death** [TGJ17]. **Deborah** [Mai08]. **December** [Bar95]. **Decision** [Sco13a, PK12]. **Decomposition** [DMB18, Lei10, LBW18, BFA14, LHR16]. **decon** [WW11]. **Deconvolution** [Fer11, SSH⁺20, WW11]. **Deducer** [Fel12]. **Deep** [Arn17, CA18, Kim20]. **Deepayan** [Kuh10, Nor08]. **Definition** [R D11f]. **Degradation** [CP12]. **Dehli** [Hof15]. **delivery** [SA15]. **Delta** [MF14]. **deltaPlotR** [MF14]. **demogR** [Jon07]. **Demographic** [Alm10, Jon07, SM07]. **Demonstrating** [Xie13a]. **Denis** [Tat18]. **Dennis** [Kau13]. **Densities** [Nag18, RRSPT12]. **Density** [AM14, CGS09, DHM11, Duo07, HS18, Kle09, LF15]. **DEoptim** [MAG⁺11]. **Dependence** [BDMP15, BS13, CFHBK11]. **Dependent**

[KO06]. **Deployment** [VfV13]. **depmixS4** [VS10]. **Derivatives** [MS11]. **Deriving** [Arc10]. **Description** [SMHBR06]. **Descriptive** [Ruf09]. **Design** [AA12, BC84a, BC85a, BCS96, BPB09, Cha08b, DHF15, GG16, Gra07, Grö11, HSL11, Hu09, KSC⁺00, Mat11, MHOV12, O'B08, Ros10a, ZP13, BHH05, Kel10, RPVG11, Rob09, You12, IR12]. **Designed** [FBF14]. **Designing** [JPM19]. **Designs** [FKP17, Grö14b, HWY18, SIRC16, Was15]. **Desjardins** [Sab19]. **deSolve** [SPS10]. **Detecting** [CGC11]. **Detection** [RG07]. **Determining** [CGBN14]. **Deterministic** [MRC15]. **Developed** [RG07]. **Developer** [BG18]. **Developer-Friendly** [BG18]. **Developers** [LA19]. **Developing** [LS05, LB12b]. **Development** [JKvT⁺14, PN97, RFKM12, SA15, TLH11]. **Developments** [vdA12]. **Devices** [FK17]. **dglars** [AMW14]. **Diagnosis** [GRK⁺16, TB17]. **Diagnostic** [JKvT⁺14, LRRÁCSGS14, LX12, NAA17, PJSPC17, RG07, Ver18]. **Diagnostics** [LH14, SGHY11]. **Diagonal** [KN05]. **Diagrams** [BDMP15]. **DiagTest3Grp** [LX12]. **dialog** [Cha99]. **Dianne** [Mai08]. **DiceDesign** [DHF15]. **DiceEval** [DHF15]. **DiceKriging** [RGD12]. **DiceOptim** [RGD12]. **DICOM** [WST11]. **Dieter** [AA12, Veh13, Krä20]. **Difference** [KM08]. **different** [Ros08]. **Differential** [Bur09, Cam09, CGC11, Iac08, Lud13, Luo09, MF14, MAG⁺11, Sch14, Sch17a, SPS10, SCM12, Sto11, SS18a, SS18b]. **diffIRT** [MTvdM15]. **Diffusion** [MTvdM15, PT09, SKS15, WS11, RRSPTTR12, RRSPTTR14]. **Diffusion-Weighted** [WS11]. **Digital** [PT07, SSH⁺20]. **Dimension** [AR14, Wei02]. **Dimensional** [ALE10, BBG12, JKvT⁺14, ND12, SF18, VG09, Pen03, TKM16]. **Din** [Num13]. **Ding** [Num13, Par15a]. **Ding-Geng** [Num13, Par15a]. **Dinov** [Cap19]. **Dirichlet** [CHB14, LHA⁺15]. **Dirk** [Pod18]. **Disclosure** [TKM15]. **Discoverability** [BML19]. **Discovering** [FMF12, LAF⁺17, Unw13a]. **Discovery** [DK18, BHH05, Wil11b]. **Discrete** [FM16, KK14, MP14, Sar16, Wol99, BF17, LS16, NPR13, Agr16]. **discretely** [BI13]. **Discretized** [Su07]. **Discriminant** [BBG12, CFSR15, Duo07]. **Disease** [BVE⁺15, JGM18]. **diseases** [Höh07]. **Disequilibria** [SBMG06]. **diskette** [Abr97]. **Display** [BCS96, HH15, Pri05b, Sha16, SBMG06, Utl05, HH04]. **Displaying** [FT08, Per14, Pod15]. **Displays** [Fox03, FH09, Gru95, NL12, Sta95e]. **Distance** [Dro18]. **distances** [LS16]. **Distributed** [Gas11, Mug10, TFH12, HHJC11, MGHR16, SNR18]. **Distributing** [Pen08]. **Distribution** [AWBM18, AHvD09, GFS14, Phi10, dREP12, ZQS16, Asq14, LS16, NPR13, OOSM18]. **Distributions** [AHvD09, BS18, DMD15, Dem18, Den16, HG14, KY10, LM18, LHS08, ML13, MvSB⁺07, NK06, NR16, PMM18, Rob12, dVSWAL17, Su07, ZFZ10, BPL09, Fog17, KD11, NPR13]. **distMod** [KR10]. **Diversity** [MH15]. **dlnm** [HSG12]. **dlnm** [Gas11]. **dmapply** [MGHR16]. **DNA** [TNM17]. **Do** [SVCB18]. **document** [Fil08]. **Documents** [LeB18, McN14, Mor18, Vey14, Xie13b]. **DoE.base** [Grö18b]. **Doing** [SO13, Ano97]. **Dolores** [Bat08b, Ng09]. **Dominic** [Iac15, Sel17]. **Dominici** [Buc09]. **doRedis** [HT19]. **Dose** [BPB09, CO16]. **Dose-Finding** [BPB09]. **Dose-Response** [CO16]. **dosresmeta** [CO16]. **dotCall64** [GMF18]. **Douc** [Car16, Rao14]. **Douglas** [Mat16a, Zie01a]. **downloads** [HBA19]. **downscale** [MBGK18]. **Downscaling** [HCM⁺18, MBGK18]. **dozens** [Vin08]. **DPpackage** [JHQ⁺11]. **Drăghici** [Ano12b]. **drake** [Lan18]. **Drift** [Han07b]. **driven** [Kut13]. **dropout** [XLX⁺19]. **dropouts**

[SOD⁺16]. **Drug** [BN10]. **DTD** [SSH⁺20]. **DTDA** [MdUAC10]. **dti** [PT09]. **DTR** [TM15]. **DTRreg** [WMS17]. **dtw** [Gio09]. **dtwSat** [MCAP19]. **Dual** [LM14b]. **Ducks** [Kur19]. **Dudewicz** [Rob12]. **Dudoit** [Doe06]. **dummies** [Pie15, Sch17b, dVM12, Edd12a, Rob13]. **Dumont** [Gle16a]. **Duncan** [Hly09, Nor09]. **Dynamic** [CQ95, CS12, CS07, Eme08, Gio09, KKEM15, Mai08, MCAP19, Oom13, PPC09, Pet10, TM15, VM09a, Vey14, WMS17, WS11, Xie13b, McN14, Mig10, O'B10, Sha11]. **dynamics** [DJS⁺18].

E-Book [The99]. **E-Learning** [ZUL14]. **early** [PFT⁺12]. **Earthquake** [Jal19]. **Ease** [LT16]. **Easy** [CdM10, HM16, DP13]. **EbayesThresh** [JS05]. **eBook** [Gle16a, Kle17, Orm17, Zei16]. **echosounder** [OS95]. **eco** [ILS11]. **Ecological** [AB12, Bol08, Fin11, Han07b, ILS11, PR07, Qia10b, Sól09, Woo11, Qia16, Sha20, Few09]. **Ecology** [Chr09, Hor12c, Mye12b, O'B12b, O'B14, Oli10a, Pla12, Pla19, Sch09, Soe10, Sól10, Ste09, ZIW⁺09, Swe13, For20]. **Econometric** [CN97, CNZ99, MR09]. **Econometrics** [Edd09b, KZ08, Mye09, Sco09, Yal10, RH02, Vin08]. **Economic** [ZP13]. **economics** [Day15, Hof15]. **ecosystem** [PSZ17]. **ecp** [JM15]. **ed** [Ano09a, Ano10, Ano12a, Hel18, Man03, Pfa12, Qia10a, Sau10, Sau11, Saul2]. **edcc** [ZP13]. **Edge** [HL07]. **Edited** [Ano06a, Wan06, Doe06, Vis10]. **Edition** [CH11b, Dem17, DN17, Edd09a, GR18, Grö15a, Hac17, Has18, Hel15, Kha17, Lor18, Lu18, Mai12, Pol13, San10a, SCD07, Unw12b, VM09b, Ano08, Gal17, Joh09, KK99, Orm17, AC04, Bos09, Gil14, Tsa14a, Ano12b, Dur14, Fox05a]. **Editor** [MN03]. **edn** [Cox05, Lum08, Hew05, Ree18]. **edn**. [Sch08]. **eds** [Har03]. **Educational** [DB18, Sab19]. **Edward** [Rob12]. **Edwards** [Han13b]. **Effect** [CLL17, Fox03, FH09, SvdLN17]. **Effects** [Bea17, Chr09, Far06, Far16, Gal17, Gan15, HPWdL15, LQC⁺12, Mai14b, Mug10, Oli10a, SP14a, Sch09, Wan06, WLH⁺18, ZIW⁺09, GB13, Orm17, PB00, Ros09, Yan95, FH09, Woo01, Zie01a]. **Efficient** [AHvD09, BG18, BGH⁺17, ESO16, GL16a, TB17, GMF18, LAJJ18, RRSPTR12, Lan17b]. **Effort** [PN97]. **Einführung** [Luh13, Süs93, Kra97]. **Einsteiger** [Luh13]. **eixport** [IESdF18]. **Ekstrøm** [Hac17, Neu12, Hög12]. **Elea** [Rus15]. **Electronic** [Kra95]. **Elegant** [Wic09, Wil11a]. **Elements** [Spa17, Cle85, Cle94]. **Elena** [Bai11]. **Elliott** [Has18]. **Elliptic** [Han06b, Han06b]. **else** [Wil12]. **Elst** [Oli17]. **Emails** [LA19]. **Embarrassingly** [DP13]. **Embedded** [BDdM11]. **Embedding** [DB13]. **emil** [BG18]. **emissions** [IESdF18]. **Emmanuel** [Ano12a, Cox05, Dal98, Mai09]. **EMMIXcskew** [LM18]. **EMMIXuskew** [ML13]. **Emphasis** [FS10b]. **Empirical** [ADN15, Cha10, JS05, KG17, LHR16, YS13]. **Employing** [ZF15]. **Enabled** [FK17]. **Enables** [Wei12]. **Encounter** [Car17]. **End** [HM16, WDT⁺12]. **End-to-End** [HM16]. **End-Users** [WDT⁺12]. **endemism** [GL15]. **endpoint** [Oli17]. **endpoints** [TPAM07]. **Energy** [PZK⁺12]. **Enforcing** [Oom13]. **Engine** [MC97]. **Engineering** [Blo14, Bor16, Rup11, Kos15]. **Enhanced** [WS11]. **Enhancing** [BBGL17, BML19, Lan14b]. **Enjoying** [CBGGV17]. **ensemble** [LHR16, VWDB16]. **entropart** [MH15]. **Entropy** [MVS13, VdL09]. **Enumerative** [Han07a]. **ENVI** [Ano99]. **Environment** [BC84b, Cha12, Cha86, Mug10, R D11a, R D11b, RFKM12, Wei12, CNZ99, HLT09, VS02, Ven04]. **Environmental** [Buc09, MN01, PD08, Qia10b, Qia16, Yua07, dL09c, RFGD08, Fin11, Law02, Lum01,

MN03, Pet02, Woo11, Zie99].
EnvironmentalStats [Mil98, Mil00, Mil02].
Environments [BLM⁺15, Lub91, CN97].
epidemic [HF07]. **Epidemics** [GW18].
Epidemiological [MJGM10, PC11].
Epidemiology [Buc09, PD08, dL09c].
Epilogue [TRM16b]. **EpiModel** [JGM18].
epinet [GW18]. **Episodically** [PZK⁺12].
Equality [Grö10]. **equate** [Alb16].
equateIRT [Bat15]. **Equating**
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Equations [Bur09, Cam09, HH07, HHY05,
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[LAF⁺17]. **Eric**
[Ano03a, Bur07, Car16, Fis06, Fot07, Laz11a,
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[Fle11, Sco10b]. **Erik** [Bai11]. **eRm** [MH07].
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Errors [AB17b, BK11]. **Essentials**
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[Gan15]. **Estimating** [BKT14, Bra17, Fie12,
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Tou15, You10, SOD⁺16]. **Estimation**
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GFS14, GvdL12, Har19, HS18, Joh07, KL14,
KSP15, LSPvdL17, dUJ13, MMB15, Nag18,
PJSPC17, PN97, dREP12, RC17, RMG12,
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WW11, Wan11, Asq14, BI13, ELS17, HT11,
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Estimator [SP05]. **ETAS** [Jal19]. **EU**
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Eubank [Sco13b]. **EUR** [Hof15].
EUR55.99 [Pod18]. **EUR74.95** [Cox05].
Europe [Esp15, Lon15]. **Evaluating**
[GG16, MHOV12, SKZ05, LB12b].
Evaluation [HSL11, Oli17, TPAM07].
Event [Bro12, Jon13, Riz10, Riz16, Riz12,
Sta05, Beb13]. **events** [LS16]. **Everitt**
[Ano06b, Ano06a, Daw03, Pfa12, Til96,
Unw12a, Yu12, Zie02b, Ano06c, Dav95,
Kim95, Ko95a, Lun06, Zie02a]. **Everyone**
[Lan17a, Lan14a]. **evidence** [BL14b].
evmix [HS18]. **Evolution**
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evtrees [GZP14]. **Exact** [FS10a]. **Example**
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Fil08, HLP11, MB03]. **Example-Based**
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[DMS14, Edd18, HH15, Hew16, Iac08,
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Tat18, Utl05, VSS⁺17, Cho15, CC08b, HH04,
H⁺96, HBPJ04, McE16, PG20, Sha19, SS06,
SS11, Vin08, AC04, Rao14, Sch08, Bur09,
Cam09, Hew05, Luo09, Pol13, Sto11, Woo98,
Car16, Cox05, Dal98, Har19, Lun07a].
Exams [GZ09, ZUL14]. **excavating**
[Wil11b]. **Excel** [Fle11, Sco10b, BN07,
But05, HN09, Pol09, Tav17]. **Exchange**
[Kan17]. **Exclusion** [AT13]. **execution**
[SWHJ17]. **Expected** [CNA16].
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AL16, Grö11, SIR16, RPVG11, You12].
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LRGTA12, Tuk77, MÇSD14, Eva11, Mai11].
Explore [Spa17]. **Exploring**
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ExPosition [BFA14]. **express** [MGHR16].
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Extended [GKZ12, MH07, ZC10, ZGS⁺18].
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Far16, FC12, LWC⁺09, SVC⁺19, Vin08,
Gal17, Kle17, Ros09, Orm17, Rob17, Wan06].
Extensibility [Lan95]. **Extensible**
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Oli10a, R D11g, Sch09, ZIW⁺09]. **Extensive**

[KS14]. **extents** [GL15]. **extracat** [PU13]. **Extreme** [GK16, Hla16, HS18]. **ExtremeBounds** [Hla16]. **extRemes** [GK16].

F [Bai11, Bat08b, Ber10, Dic12, Mai08, Ng09, Oli10a, Sch09]. **F.** [Buc09]. **Facilities** [Fir03]. **FactoMineR** [LJH08]. **Factor** [BP12, CFHBK11, MÇSD14]. **Factorial** [FKP17, Grö14b, Grö18b, NGBK12]. **Failure** [CKY14, HXY12]. **FairCom** [Ano99]. **Faithful** [AB90]. **Falissard** [O'B12a]. **Families** [NR16]. **Family** [PG15]. **FAMT** [CFHBK11]. **Far** [RBB18].

Faraway [Orm17, Put06, Ros09, Wan06, Gal17, Rob05]. **Fast** [BS16, LH12, Müll13, PG15, dVSWAL17, VW13, KMMV14, KF10]. **fastcluster** [Müll13]. **fastWKendall** [LAJJ18]. **Fay** [IDE15]. **fda.usc** [FBdlF12]. **fdANOVA** [GS19]. **Feature** [DK18, LAF⁺17, Meu13]. **fechner** [ÜKD09]. **Fechnerian** [ÜKD09]. **Feit** [Rus15]. **fen** [CCP⁺11]. **Fertility** [SAR11]. **Fetch** [SPPP17]. **fgui** [HL09]. **FHtest** [OL17]. **FIAR** [RR11]. **Field** [Bar95, Unw13a, Unw13a]. **Fields** [DB13, FS10b, PB15, SMM⁺15]. **Fieller** [Kha16, Liu16b]. **File** [Hil96, OS95, NPP17]. **Files** [EW16, SVM⁺17]. **filesstrings** [NPP17]. **Filter** [Wan13]. **Filtering** [Tus11, VYD⁺12]. **Filzmoser** [PG20]. **finance** [Rup04, Müll16]. **Financial** [Ano03a, Bur07, Dia06, Dia05, Fis06, Fot07, Kum07, Lep14, McN04, Pfa13, SCD07, Spe13, Tol03, Zie05, Car04, Car14, Kon04, Nie14, Rup11, Tsa10, Tsa13, Tsa14b, ZW03, Ziv05, Pod18]. **Finding** [BPB09, HWY18, Was15]. **Fine** [MBGK18]. **Fine-Grain** [MBGK18]. **Finite** [Lei04, GL07]. **FinMetrics** [Kon04]. **Fionn** [Hec07]. **firm** [BMOF17]. **First** [Hly09, Nor09, Sta95b, Wic08a, BM07, Dav15, RRSPTTR12, RRSPTTR14]. **first-passage** [RRSPTTR14].

first-passage-time [RRSPTTR12]. **Fisher** [HG14]. **Fit** [MVS13, TMN16, GH18, GEV18, JV14, LT16, LB12b]. **fitdistrplus** [DMD15]. **Fitting** [BS18, CAA15, CKY14, DMD15, Dem18, FC11, GvdMW09, GL07, GH11, HG14, IV05, Jal19, KHLF⁺10, KV13, LM18, MRC15, ML13, MTvdM15, PZK⁺12, PMM18, Riz16, Rob12, Su07, TGJ17, KD11, XLX⁺19]. **Fixed** [CC11, DHM11, ZF15, LS16]. **fixedTimeEvents** [LS16]. **FL** [Agr16, Cho20, For20, Hou07, Par15b, Pet19, Sab19, Ano95a]. **FlashR** [ZMV⁺18]. **fleets** [HT19]. **Flexible** [AHvD09, SIRC16, TPAM07, ZUL14, ZF15, Bar18]. **FlexMix** [Lei04]. **flexsurv** [Jac16]. **Florida** [Cur18]. **FluxSimulator** [MvSB⁺07]. **Flyby** [KSC⁺00]. **FME** [SP10]. **fMRI** [BDdM11, WDM⁺11, TP11]. **Focus** [DLC06, De 16]. **Follow** [PC11]. **Follow-Up** [PC11]. **Following** [LFF17]. **Foods** [PZK⁺12]. **forbidden** [VV19]. **forecast** [HK08]. **Forecasting** [HK08, GK14]. **Forest** [Mye12a]. **Form** [KS14]. **formalization** [BDT18]. **Format** [Wee10]. **Formatting** [LeB18]. **forms** [Fir03]. **Formulas** [ZC10]. **Formulating** [DLC06]. **FORTRAN** [MJR93, Yan95, GH18, GHN19, GMF18, Las97, LS05]. **Fortran-77** [GH18, GHN19]. **Fortunato** [Ros10b]. **Forward** [ARC04]. **Foulkes** [Zha11]. **Foundations** [WML14, Cur18]. **Fourteen** [Bro14]. **Fourth** [Fox05a]. **Fox** [Zie04]. **FPGas** [Röh00]. **fptdApprox** [RRSPTTR14]. **FPTL** [RRSPTTR12]. **FracSim** [DC05]. **Fractional** [Grö14b, BI13, SS18a, SS18b, SMHBR06]. **fractionally** [CRP13]. **Frailty** [MRL12, RMG12]. **frailtypack** [RMG12]. **Framework** [ATF10, BML19, CH18, HMS16, Lei04, MdL10, NAA17, PR07, TRL09, Bor16, MR09]. **Francis** [Nun20]. **Francois** [Kim20, Mai11, Mye12b, Unw13b, O'B12b]. **Frank** [Che11, Ric11]. **FRB** [VW13]. **frbs**

[RBHB15]. **Free** [IP08]. **Frequencies** [Meu13]. **Frequency** [GKZ16, CHT98]. **FrF2** [Grö14b]. **Friedman** [Aji17]. **Friendly** [BG18, Agr16]. **Friends** [MBM18]. **FTLinuxCourse** [Ano99]. **Fun** [Kur19]. **Function** [DBZ⁺11, PZK⁺12, dREP12, Rov17, SBMG06, VSV09, VG09, Cot13, PG15, PSM⁺11, RRSPTTR12]. **Functional** [Swe13, Cha14b, FBdlF12, Lub91, RHG09, RR11, Sav16, SCS13, TP11, YEL18, GS19, MGHR16, Bow10, Bur10, Car10, O'B14]. **Functionality** [BMGT15]. **Functionality** [Guh07]. **Functioning** [CGC11, MF14]. **Functions** [Aiz12, BCAB07, Han06b, LH12, LQC⁺12, MJR93, Phi10, RC17, Ruf09, BH94, Las97]. **funcy** [YEL18]. **Fundamental** [LM18]. **Further** [BL14b]. **fuse** [VWDB16]. **Fusion** [SYC08]. **Future** [Ano99]. **Fuzzy** [RBHB15, VV16]. **FuzzyStatProb** [VV16].

G [Bai11, Bur10, BL11, Car10, Mig10, Mor09, O'B09c, O'B14, Oli10a, Sch09]. **G** [Rip11]. **GA** [Scr13]. **Gabor** [CHT98]. **Gabriel** [Lab12]. **Galecki** [Mai14b]. **gamboostLSS** [HMS16]. **Games** [KS14, CBGGV17]. **GameTheory** [CBGGV17]. **GAMLSS** [Bar18, HMS16, SR07]. **gamma** [Ros08]. **gammSlice** [PW18]. **Gao** [Han98]. **Gap** [WDT⁺12]. **Gareth** [Nor14]. **Garrett** [Mil17b]. **GAS** [ABC19]. **GAUSS** [CN97]. **Gaussian** [TDRD13, BKT14, DB13, FS10b, Gra07, GT10, Gra16, HD18, HL07, LHS08, MRC15, PLZ⁺15, SR18, TDRD15]. **GBP** [Iac15, Kle17, Oli17, Rob17]. **gcKrig** [HD18]. **Gebhardt** [AA12]. **geepack** [HHY05]. **Geert** [Oli17]. **GEEs** [SOD⁺16]. **gems** [BVE⁺15]. **gene** [HBNS14]. **General** [FKP17, Lei04, LHS08, MdL10, RRSPTTR14]. **Generalised** [Fox03, PW18]. **Generalization** [YEL18]. **Generalized** [AMYR16, ABC19, Arm19, AMW14, BdMM15, CdM10, Cha10, CH18, Far06, Far16, Gal17, Had10, HC05, HHY05, ICL16, LFF17, LC10, MH09, ML11, Sch11, SR07, Su07, Tou15, Wan06, Woo06, dSJdSF14, BPL09, BC11, Er12, GL07, LB12b, Orm17, PH16, Ros09, SOD⁺16, AC07, Chi07, GR18, Mai06, Rob07, Sta07b]. **Generalizing** [PLRC10]. **Generate** [Ruf09]. **Generating** [Boe17, CHB14, Fuj17, WDM⁺11]. **Generation** [AD15, GZ09, MR12, VYD⁺12, ZUL14, AD17, Dev86, Tan18]. **generator** [Ros08]. **generators** [Fog17]. **Genetic** [LZ10, MF15, MS11, Scr13, TB17, Vis10, ZFZ10, HBNS14]. **Genetics** [Fou09, SL09, Zha11]. **geneXplain** [SKW17]. **geneXplainR** [SKW17]. **Geng** [Num13, Par15a]. **Genome** [BP17]. **Genomic** [Hic16]. **Genomics** [LM14a]. **Genotyping** [SIR⁺11]. **Gentle** [Sta93c, Sta93d]. **Gentleman** [Doe06, Ber09]. **geoCount** [JD15]. **Geographical** [Kav15]. **Geographically** [GLC⁺15]. **geomnet** [Tyn16]. **georeferenced** [GL15]. **George** [Neu11, Sco10a]. **Geospatial** [CH17]. **Geostatistical** [HD18, JD15, SYC08]. **geostatistics** [LKD08]. **GeoXp** [LRGTA12]. **German** [DK09]. **Germany** [Har03]. **Get** [Cun12]. **getCRUCLdata** [Spa17]. **Getting** [HHB08, Mat98]. **Geyser** [AB90]. **GFD** [FKP17]. **ggm** [Mar06]. **GGobi** [CS07, LWC⁺09, Eme08, Mai08, VM09a]. **ggplot2** [SVC⁺19, Wic09, Wic11b, Wil11a]. **Gibbs** [Laz11a, ST10]. **Gifi** [dLM09a]. **Gillespie** [PK08]. **GillespieSSA** [PK08]. **Gillet** [Mye12b, O'B12b]. **Giovanni** [O'B10]. **GIS** [RG96]. **GLDEX** [Su07]. **glmulti** [CdM10]. **Global** [MAG⁺11, Mul14, SHN17, Sta95c, Wol94]. **Globally** [GZP14]. **Glotaran** [SLS⁺12]. **glow** [PDH16]. **gMWT** [FO15]. **Go** [Kor18]. **Godalming** [Plu01]. **goft** [GEV18]. **Gomez** [Hoe09]. **Gomez-Rubio** [Hoe09]. **Good** [Pol09]. **Goodness** [LT16, MVS13, GH18, GEV18, JV14].

Goodness-of-Fit [MVS13, LT16, JV14]. **Gosset** [HJM08]. **Government** [SPPP17]. **GPfit** [MRC15]. **GPS** [FK17]. **GPS-Enabled** [FK17]. **Graduation** [MP14]. **Graham** [Sau12]. **Grain** [MBGK18, Høj12]. **Gram** [HMR⁺13]. **gramEvol** [NdSL16]. **Grammatical** [NdSL16]. **Graph** [Cul11]. **Graph-Based** [Cul11]. **gRapHD** [ALE10]. **Graphical** [ALE10, AB12, CCKT83, Fox05b, HL09, Høj04, HL07, Høj12, HEL12, KMC⁺12, LL10, Mar06, RFKM12, SIRC16, SBMG06, SLS⁺12, TMW18, Unw15, VML12, WLH⁺18, Han13b, Kos16, Sun16]. **Graphics** [BC84b, Cha86, Cha18, CS07, Eme08, Esp15, HK15, Kee10, Kee18, KH10, Lan17a, LBC⁺16, LR15, LT19, Mai08, Mur06, Mur09a, MG09, Mur09b, NL12, R D11a, San10a, Sha12, SVC⁺19, VM09a, WC07, Wic09, Wil11a, Bos12, HN09, HK11, Kab11, Lan14a, Lon15, MB03, Mur11, Tak12, VS02, Ven04, Liu17, CH11b, Fle11, Grö15a, Gun06, Pol11c, Sco10b, Ste11, Unw12b, Bul06, Fri11, Lha14, Ree18, Unw11, Vie11, WG10, Tur12]. **graphicsQC** [MG09]. **graphing** [Cle85, Cle94, Day15]. **Graphs** [CF14]. **Grassmann** [ACW12]. **GrassmannOptim** [ACW12]. **Graves** [Car10, Bur10]. **Gray** [Has18]. **gRc** [HL07]. **Great** [The99]. **Greek** [Van18]. **grImport** [Mur09a]. **groc** [BdMM15]. **grofit** [KHLF⁺10]. **Grolemund** [Mil17b]. **Group** [GG16, Nun20, Was15]. **Group-Sequential** [Was15]. **Groups** [Han13a, LX12, ZHL11]. **Growth** [KHLF⁺10, Mir14, Wil14a]. **Gruet** [Dal98, Woo98]. **gsbDesign** [GG16]. **GSODR** [SHN17]. **gss** [Gu14]. **GUI** [Fel12]. **Guide** [AC04, Bai11, Bel19, BS09, Cha98, Dal98, Dia18, Doe10, EJ13, Grö16, Grö18a, Hew05, Iac15, Mat85, Sta93e, Mat16a, Mun14a, Plu01, Sel17, Sta93f, Sta97a, Sta97b, Sta97c, Sta98a, Sta98b, Woo98, ZIM09, Cot13, Cox05, GL16a, Gle16b, H⁺96, HBPJ04, OS95, Shi16]. **Guidebook** [Tak12]. **guidelines** [SOD⁺16]. **Gunther** [Boo10, Mil12]. **Guyader** [Unw13b]. **GWAS** [Tur18]. **gWidgetsWWW** [Ver12]. **GWmodel** [GLC⁺15]. **H** [Bai11, Grö15a, Hor12c, Iac15, Kha16, MN03, Nun20, Pol13, Sab19, Sch08, Sól10]. **H.** [Hub11, Sól10, Vis10, Wil11a]. **H1** [The99]. **H1-B** [The99]. **hackers** [CW12]. **Hadley** [Mil17b]. **Hadoop** [FM18a]. **HAFU** [OS95]. **Hall** [Gle16a, Grö16, Hac17, Has18, Hou07, Kel10, Kha16, Kle17, Liu18, Lum08, Oli17, Orm17, Put06, Rao14, Rob17, Sab19, Sta05, Til96, Vie11, Par15b]. **Hall/CRC** [Gle16a, Grö16, Hac17, Has18, Hou07, Kel10, Kha16, Kle17, Liu18, Lum08, Oli17, Orm17, Put06, Rob17, Sab19, Sta05, Vie11, Par15b]. **Hamann** [Mye12a]. **Hamilton** [Ano99]. **Handbook** [Ano06b, Ano06a, Dav95, DB18, Eve94, Eve02, EH06, Hil06, KD11, Kim95, Ko95a, LZ10, Lun07b, Man03, Pfa12, Sen14, Zie02a, All11a, Til96, Dem18, Rob12, Sab19, Vis10]. **Hands** [EKP⁺11, Gro14a, Vin08, Bor16, HMRS14, Yal10]. **Hands-on** [EKP⁺11, Gro14a, Vin08, Bor16, HMRS14, Yal10]. **Hardback** [Lu18, Nun20, Oli17, Aji17, Cur18]. **Hardcover** [Zei16, Cap19, Liu18, Pod18, Rui17]. **Harring** [Han13a]. **Hastie** [Nor14]. **Hazard** [Gan15]. **HDclassif** [BBG12]. **Health** [Cap19, PD08, Buc09]. **Heatmaps** [BY18, SK17]. **Heiberger** [Fle11, Sco10b, Utl05]. **Heidelberg** [Har03]. **help** [Alb15]. **Helps** [BCG18]. **Henry** [Has18, Hor12c]. **heplots** [FFM09]. **Hero** [EL09]. **Hesketh** [Daw03, Zie02b]. **Hessian** [Bra17]. **Hessians** [Bra14]. **Hesterberg** [Sco12]. **Heterogeneity** [GLC⁺15]. **Heterogeneous** [BL14a, WLH⁺18]. **Heteroskedastic** [Pir10].

Heteroskedasticity [SYC08]. **HGLMMM** [ML11]. **Hidden** [BHS00, HH19, OH11, VS10, ZM09, ZML16, BBN10, TNM17, All11b, Gut11, Kha17, Lu18, San11].
Hierarchical [Arm19, CGC14, DW17, FBC07, FC11, LH12, LH14, ML11, Mü13, Rec10, CKSLS18].
High [ALE10, BBG12, JKvT⁺14, ND12, PSS⁺17, dVSWAL17, VG09, ES14, Gav10, Lan18, TKM16]. **High-Dimensional** [ALE10, BBG12, JKvT⁺14, ND12, VG09, TKM16]. **high-performance** [ES14, Lan18]. **High-Precision** [dVSWAL17]. **High-Throughput** [PSS⁺17]. **higher** [YWL02]. **higher-order** [YWL02]. **highlightHTML** [LeB18]. **Hilbe** [Grö16, Goll1]. **histograms** [GH18, GHN19]. **Historical** [SVCB18]. **Histories** [Sun15, Wil14b]. **History** [Beb13, Bec94, Bro12]. **HLMdiag** [LH14]. **hmmm** [CGC14]. **Hoboken** [Bas18, Sel17]. **Højsgaard** [Han13b]. **Holland** [Utl05]. **homals** [dLM09a]. **Homology** [FW18, WWDS18]. **Homoscedasticity** [JJJ14]. **Hong** [Han98]. **Hong-Ye** [Han98]. **Hooker** [Bur10, Car10]. **Horton** [Grö15a, Liu17, Liu18, Pol11c, Ste11]. **Hotel** [All86]. **Hothorn** [Ano06a, Che11, Dic12, Ric11, Pfa12, Unw12a, Yu12]. **House** [Mil15b, BL14b]. **HPLC** [RG07]. **HPLC-DAD** [RG07]. **Hron** [PG20]. **hsmm** [BBN10]. **HTI** [OS95]. **HTML** [Lei13]. **htmlwidget** [Coe18]. **httk** [PSS⁺17]. **http** [Grö15a, Hel15, Hof15, How16b, Iac15, Mat15, Mat16a, Rus15, Zei16]. **https** [Gle16a, Grö16, Kha16]. **Huber** [Doe06]. **Huet** [AC04, Cox05, Dal98, Woo98]. **Hugen** [Pod18]. **Hull** [PLRC10]. **Human** [LZ10, Vis10]. **Humanities** [Pav16]. **humanleague** [Smi18]. **Hurricane** [EJ13, Dia18]. **Husson** [Mai11, Unw13b]. **Hybrid** [CGC11]. **Hydro** [OS95]. **Hydro-Acoustic** [OS95]. **Hydrographic** [FGG⁺94]. **Hydrological** [Van18, VWDB16]. **hydroscoper** [Van18]. **hypothesis** [FFM09, Tae14].
I/O [NPP18]. **Iacus** [Cam09, Bur09, Luo09, Sto11]. **Iain** [Lu18]. **ic.infer** [Grö10]. **icenReg** [AB17a]. **IDE** [Rac12]. **iDEMO** [CP12]. **idm** [DMB18]. **Ieno** [Bai11, Oli10a, Sch09]. **if** [CM14, HJM08]. **iheatmapr** [SK17]. **II** [KWE⁺17, Lei03, PFT⁺12]. **II/III** [PFT⁺12]. **III** [How16b, PFT⁺12]. **IISC** [Ano99]. **ijttiff** [NPP18]. **Illness** [TGJ17]. **Illness-Death** [TGJ17]. **Illustrating** [Gan15]. **illustrations** [BA97, Den98, Ros00]. **Image** [BLY18, MCAP19]. **ImageJ** [NPP18]. **Images** [PT07]. **Imaging** [CMS⁺11, PT09, TW11, WS11]. **iml** [MCB18]. **impact** [PSZ17]. **Implement** [BMGT15, XWHL15]. **Implementation** [Aiz12, BHS00, CHT98, Cha08b, CLL17, Här91, Hu09, IM15, LPLPD14, Lo 93, Lo 94, O'B08, PG15, Pfa08b, USHH18, WLK08, WsT18, YWL02, BPL09, Cho20, Kel10, Rob09, SOD⁺16, YH14]. **implemented** [JV14]. **Implementing** [BK11, EN11, LSPvdL17, PK08, SR18, Wel18, BMOF17, PFT⁺12]. **Import** [McL17, Mil17b, R D11c, VYD⁺12, WG17]. **Import/Export** [R D11c]. **Importance** [GT10, RJH14]. **Importing** [Mur09a]. **Improper** [Dee99]. **Improved** [MZ08, dSJdSF14]. **Improvement** [Anh18]. **ImpuR** [RG07]. **Impurity** [RG07].
Imputation [CF08, KT16, SGHY11, vBGO11]. **inch** [Abr97]. **Including** [Gan15]. **Income** [Esp15, Lon15]. **Incomplete** [OK14]. **Incorporating** [Sta08]. **Incremental** [DMB18]. **Independence** [Høj12, SF18]. **Independencies** [Mar06]. **Independent** [BDdM11, Rac12]. **Index** [R D11b, Sta95c, HBA19]. **Indexed** [Har10, Sav16]. **Indicators** [AT13]. **Indices**

[SFS12]. **Induced** [Mar06]. **Industry** [Bra03, Eas03, GF09, Har03, KM01]. **Inequality** [Esp15, Grö10, Lon15]. **Infectious** [JGM18, Höh07]. **Inference** [BFRP13, BGH⁺17, Bur09, Cam09, Grö10, GV12, HL07, Iac08, ILS11, KMC⁺12, KNI16, Luo09, RJH14, SH17, Sch17c, SVMMP17, Smi07, Sto11, TDRD13, TDRD15, Tro09, VW13, Ven10, BNB96, BNB07, BNB08, Shi16, SR17]. **Inferences** [IDE15, KF14]. **inference** [SH17]. **Inflated** [KN05, LC10]. **INFO** [Ger94, Mat94]. **Informatics** [Guh07]. **Information** [BG18, CFSR15, Dro18, Sta08, Aji17, Fri16, Van18]. **INFORMIX** [MC97]. **INFORMIX-Universal** [MC97]. **informR** [MB15]. **Infrastructure** [FHM08, FK17]. **INLA** [BRF⁺18]. **innovation** [BHH05]. **Innovations** [Pir10]. **Inputs** [GT10]. **Installation** [Sta93g, R D11d, Sta95d]. **instructions** [Bor16]. **instrumental** [Zag18]. **Intake** [PZK⁺12]. **Intake_epis_food** [PZK⁺12]. **Integer** [Han06a, SS18b]. **Integrate** [GL16b]. **Integrated** [Ano10, CP12, Edd09a, Har07, Lüt11, RFKM12, CRP13, Pfa06, Pfa08a]. **Integrating** [SHR97]. **Integration** [EF11, Kuo03, RR11, SS18a, SS18b]. **Intensity** [RG07]. **interaction** [YH14]. **Interactive** [BP17, BC84b, BCAB07, Cha99, CS07, Gan15, LLS15, NL12, SK17, TD07, Ver12, VYD⁺12, IGIRGL09, Tan18, Eme08, Mai08, VM09a]. **Interdependency** [DK18]. **Interface** [All86, Arn17, AB12, Den16, Fle11, Fox05b, FC12, KSC⁺00, LL10, MJR93, RFKM12, Sco10b, SLS⁺12, UAK⁺15, WLH⁺18, Coe18, GMF18, HN09, Kor18, Ros07, SKW17, Van18]. **Interfaces** [HL09, VML12, Smi17, Smi18]. **Interference** [SH17]. **Intermediate** [HH15, Pri05b, Sha16, Utl05, Yal10, HH04, Vin08]. **internal** [Lan09a]. **Internals** [R D11e]. **International** [CB17, HI97]. **Interpretable** [MCB18]. **interpretation** [WPW15]. **Interpreter** [DC09, KMMV14, Run13]. **interpreting** [Alb15]. **Interrupt** [The99]. **Interval** [AB17a, FS10a, TGJ17, Wol94, Wol99, Kom09, FS10a]. **Interval-Censored** [TGJ17, Kom09]. **Intervals** [KPSH15, You10]. **Interventions** [MJGM10]. **Introducing** [BKT14, Han05, Han06b, Han07b, LC10, LHR16, RC10, WMS17, Neu11, Rip11, Sco10a]. **Introduction** [All11b, AC07, Bac08, Boo10, Chi07, Day15, Edd09c, EB18, GR18, Goo05, Goo13, Gut11, HHB08, Har06, Hel15, Hof15, IDE15, JMR14, Kha17, KF14, Ko95b, Kus03, Lep14, Lu18, Mäc07, Mai06, Mar12, Sta93c, MPV12, Ng06, Nor14, O'B13, OHD17, OJMR09, R D11a, Rob07, RB11, Rom07, San11, SM05, Spe94, Sta07b, Sta93d, ST10, Thi14, Tro09, Unw12a, Ven10, Woo06, Yu12, ZML16, Ano03b, CL11, Cra02, Cra05, Cra15, Dév09, EH11, Hec15, Hor09, JWHT13, Mil12, Nie14, Rup04, Saw09, Tav17, Tsa13, VS02, Ven04, Wün13, ZM09, Pol09, SS18a, DN17, Hil10, Laz11a, Mal09, Ng11, O'B09a, Pic09, Sco11]. **Introductory** [Ano06c, CM09, Dal02, Dal08, Gou05, Sch14, Smi06, Wan16, Hou07, Ver05, Ver14, Ano09a, Bat04, Bos10, Li11, Mai10, Nie11, San10b, San03, VM09b]. **intsvy** [CB17]. **Invariant** [IP08]. **inventory** [OOSM18]. **Inverse** [LHS08, SP10, VSV09, vdWG11]. **IP** [KSC⁺00]. **ipw** [vdWG11]. **iqLearn** [LLS15]. **Irizarry** [Doe06]. **Irregular** [PG15]. **Irregular-Shaped** [PG15]. **IRT** [Bat15, MH07, TMN16, Wee10]. **IRT-Based** [Wee10]. **ISBN** [Abr97, Aji17, Ano16, Cap19, Cox05, Cur18, Dal98, Gle16a, Grö15a, Grö16, Hac17, Har03, Has18, Hel15, Hof15, Hou07, How16b, Iac15, Kel10, Kha16, Kle17, Liu18, Lu18, Lum08, Mat15, Mat16a, Nun20, Oli17, Orm17, Pet02, Plu01, Pod18, Put06, Rao14, Rob17, Rui17, Rus15, Sab19, Sta05, Til96, Vie11, Zei16]. **Island** [Kim20]. **isocir** [BFRP13].

- Isosurfaces** [FT08]. **Isotone** [dLHM09]. **Isotonic** [BFRP13]. **Isotopomer** [MvSB⁺07]. **Isotropy** [Wel18]. **Issue** [PLR⁺16, FGZ14]. **Italian** [Bia94]. **Italy** [Bia94]. **Item** [Cha12, CGC11, DBZ⁺11, Joh07, MF14, MPM14, MTvdM15, Riz06, Sch17c, BBG14]. **Item-Level** [Sch17c]. **Iterative** [CGC11]. **Ivo** [Cap19]. **ivporbit** [Zag18]. **ix** [Dal98].
- J** [Ano03b, Ano06c, Ano09b, Ano09d, Bur10, Car10, Dur14, Gal17, Grö15a, Hel15, Hly09, Hoe09, IDE15, Joh09, Kim20, Kum07, Kus03, Laz11b, Lig09, Liu17, Liu18, MN03, Ng06, Nor09, Oli07, Oli10b, Oli10a, Orm17, Pod18, Pol11c, Put06, Rob12, Rob05, Ros09, Sch09, Sta07a, Tol03, Unw11, Vie11, Wan06, Woo01]. **J.** [Fri11, Kum10, Mar11, Ros09, Wan06]. **Jackknife** [SP05]. **JAGS** [Den16]. **James** [Nor14]. **Java** [Hec07, dL05b, HLT09, Mur05, Nar05, SLS⁺12, Urb09]. **Java-Based** [SLS⁺12]. **Java/R** [HLT09]. **Java/R-based** [HLT09]. **Javascript** [CH17]. **JavaStat** [HLT09]. **Jean** [Cha14a, Tat18]. **Jean-Baptiste** [Tat18]. **Jean-Michel** [Cha14a]. **Jeff** [Mye12a]. **Jeffrey** [Han13a]. **Jégou** [Unw13b]. **Jens** [O'B09b]. **Jérôme** [Mai11]. **Jeremy** [Unw13a]. **ji** [CCP⁺11]. **Jiahui** [Ano03a, Bur07, Fis06, Fot07, McN04]. **jian** [CCP⁺11]. **Jim** [Bau14, Cho09, Pol11a]. **JM** [Riz10]. **JMbayes** [Riz16]. **jmcm** [PP17]. **job** [Wil12]. **John** [Ano03b, Hel15, Hly09, Hou07, Iac15, Mil17a, Nor09, Plu01, Rob17, Smi06, Zie04, Kle17]. **Joint** [PP17, Riz10, Riz12, Riz16, Jon13]. **Jolivet** [Cox05, Dal98, AC04, Woo98]. **Jonathan** [Mai14a, Qia10a]. **Jones** [Ng11, O'B09a, Sco11]. **Jong** [Sta05]. **JOP** [KR13]. **José** [Zie01a]. **Joseph** [Gol11, Grö16, Kim20]. **Josse** [Unw13b]. **Journal** [FL16]. **Journalism** [Kin20]. **Joy** [Oli17]. **Judge** [The99]. **Judgment** [Eva14, Arm14]. **Julian** [Gal17, Orm17, Put06, Rob05]. **Julie** [Unw13b]. **Julien** [Mai09]. **jump** [GSB19]. **Jureä** [Oli07]. **Jurgen** [AA12, Krä20]. **Just** [Bro14, The99].
- K.** [Joh09]. **K.-S.** [Joh09]. **Kalman** [Tus11, Wan13]. **kamila** [FM18a]. **Kaplan** [Liu18]. **Karel** [PG20]. **Karian** [Rob12]. **Karl** [Num13, Par15a]. **kdecopula** [Nag18]. **Keen** [Fri11, Vie11, Unw11]. **Ken** [Grö15a, Liu17, Pol11c]. **Kendall** [LAJJ18]. **Kentucky** [All86]. **Kenward** [HH14]. **Keras** [Arn17]. **kerasR** [Arn17]. **kerdiest** [dREP12]. **Kernel** [DHM11, Den98, Duo07, FHH17, HS18, KSHZ04, KF10, MP14, MPM14, Nag18, dREP12, Ros00, BA97, HHJC11]. **Kernel-Based** [FHH17, KF10]. **kernelab** [KSHZ04]. **KernSmoothIRT** [MPM14]. **Kevin** [Unw11, Vie11]. **Kim** [Sta05]. **Kirk** [IDE15]. **Klaus** [Veh13]. **Kleiber** [Sco09]. **Kleinman** [Grö15a, Ste11, Liu17, Pol11c]. **Klieber** [Mye09]. **Kloareg** [Unw13b]. **kml** [GASA15]. **kml3d** [GASA15]. **knitr** [Vey14, Xie13b, McN14]. **kNN** [CF08]. **Knowledge** [BSVT12, ÜS10, Wil11b, ZGS⁺18]. **Kolmogorov** [ZS17]. **Kraljic** [BMOF17]. **KraljicMatrix** [BMOF17]. **Krause** [Ano03c, Ano06d, Bar02, Bro07, Har03, Mac98, Sis03, Zie98, Zie01c, Bra03, Eas03]. **Krider** [Sco13a]. **Kriging** [RGD12]. **Kriging-Based** [RGD12]. **KRLS** [FHH17]. **ks** [Duo07]. **Kubinger** [Veh13]. **Kung** [Qia10a]. **Kung-Sik** [Qia10a]. **Kupresanin** [Sco13b].
- L** [AA12, All11b, Ber10, Has18, IDE15, Lu18, Pod18, Sco13b]. **L.** [Gut11]. **Lê** [Mai11]. **Label** [Pap16]. **label.switching** [Pap16]. **LaBudde** [Mar12, O'B13]. **laeken** [AT13]. **Lag** [Gas11, Mug10]. **laGP** [Gra16]. **Lambda** [Su07]. **landsat** [Gos11]. **Langevin** [RLWP16]. **Langrock** [Lu18].

Language

[BC81, BCW88, Cha98, ESO16, KSC⁺00, MHOV12, R D11f, R D11b, Ste00, KKEM15, LMY⁺11, Röh00, RL15, SWHJ17, Plu01].

Lanham [Aji17]. **Large**

[CB17, CFHBK11, Gra16, VG09, SNR18].

Large-Scale

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[Obe14]. **Law** [HGG08]. **lawn** [CH17].

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TM05, VSV09, Wan06, ZLHK02, dSjdsf14,

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GL07, MPV12, Orm17, Ros09, Sha11, Wei14,

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mefa [Sól09]. **Meissner** [Sel17, Iac15]. **Melvin** [Ano03c, Ano06d, Zie98, Zie01c]. **Membership** [SP14a]. **memory** [KKL⁺15]. **Menu** [BP12]. **Mersmann** [Cur18]. **Message** [The99]. **Meta** [Bur12, CO16, GV12, LZHC17, LCSC14, MF15, Ver18, Vie10, WF12, CP13, HKS08, Lan09b, Pal15b, Par15a, How16a]. **Meta-Analyses** [Vie10]. **Meta-Analysis** [Bur12, CO16, GV12, LZHC17, LCSC14, MF15, Ver18, CP13, HKS08, Pal15b, Par15a, How16a]. **meta-data** [Lan09b]. **Meta-Statistics** [WF12]. **Metabolic** [MvSB⁺07]. **Metadata** [Boe17]. **metafor** [Vie10]. **metaLik** [GV12]. **Metamodeling** [RGD12]. **Metcalfe** [Li11, Mai10]. **Meteorological** [Van18]. **Meteorology** [SPPP17]. **Method** [CC08a, Cha10, HL09, TKM16, Yua07, Asq14, MÇSD14]. **Methodologists** [WDT⁺12]. **Methods** [ADH11, Buc09, BL11, DMB18, Den16, DMS14, FS10b, Had10, HH14, Han13a, Har06, Hub11, KSHZ04, Kha18, KG17, KR10, Lan14b, Len09, Mar12, Mor09, Nas14, Nas08, Neu11, O'B09c, O'B13, Oja10, Oli07, OCRC14, PD08, Pol09, Rao14, Rip11, Rob19, Sch17a, Sco10a, Su07, Tyl07, ÜS10, Wee10, Xie13a, Zie00, dL06, dL09c, dLM09a, dLHM09, Car16, CCKT83, CL11, DH97, Goo05, Goo13, H⁺09, How17, JP06, Kut13, Oli17, RC10, Rom07, Sel98, Tsa14a, YS13, ZHL11, Bia94]. **Metric** [IP08]. **Metrics** [PSZ17]. **Meyer** [Agr16]. **MFSAS** [CC11]. **mhsmm** [OH11]. **mi** [SGHY11]. **mice** [vBGO11]. **Michael** [Agr16, Ano03b, Dur14, Hel15, Kus03, Ng06, O'B13, Sta07a]. **Michel** [Cha14a, Mai09]. **Micro** [TKM15]. **Micro-Data** [TKM15]. **Microarray** [FO15]. **Microarrays** [Ano12b, Drä12]. **Microdata** [Kav15]. **micromap** [PMW⁺15]. **Micromaps** [PMW⁺15]. **MicroPEM** [SVM⁺17]. **Microsimulation** [Gle16a]. **Microsoft** [Pol09, Tak12]. **Microstate** [Ano99]. **microsynthesis** [Smi18]. **midasr** [GKZ16]. **Mike** [Sen14]. **Miles** [Unw13a]. **Militino** [Bat08b, Ng09]. **Millard** [Bra03, Eas03, Har03, Law02, Lum01, Pet02, Zie99]. **mimR** [Høj04]. **Minimax** [Wol99]. **Minimum** [LSPvdL17]. **Mining** [Bas18, Cic15, CFZ09, FHM08, Fuj17, Mun14a, Sau12, Sco13a, SR16, TFH12, GF09, KF10, Mwi13a, PK12, Wil11b, Sel17, Iac15]. **Minitab** [GL14]. **minPtest** [HBNS14]. **mipfp** [BS18]. **mirt** [Cha12]. **misclassification** [ZY19]. **Mises** [HG14]. **Missing** [JJJ14, Har19]. **missingness** [XLX⁺19]. **MissMech** [JJJ14]. **MitISEM** [BGH⁺17]. **Mix** [SH17]. **mixAK** [KK14]. **Mixed** [CLL17, Dem13, Far06, Far16, FM18a, Gal17, GKZ16, GKZ12, Had10, HH14, HSG12, Mai14b, MF15, PB00, Sch11, TV11, Wan06, Wee10, ZIW⁺09, BC11, GB13, Orm17, PW18, Ros09, ZY19, Chr09, Oli10a, Sch09, Woo01, Zie01a]. **Mixed-Effects** [Mai14b, PB00, GB13, Woo01, Zie01a]. **Mixed-Format** [Wee10]. **Mixed-Type** [FM18a]. **mixexp** [LW16]. **Mixing** [Lei02]. **MixMAP** [MF15]. **Mixmod** [LIL⁺15]. **MixSim** [MCM12]. **mixtools** [BCHY09]. **Mixture** [AHvD09, BCHY09, BSVT12, BMGT15, HH19, HS18, KG17, LW16, LM18, Lei04, LHA⁺15, Sav16, Su07, MC18]. **Mixtures** [HG14, ML13, PMM18, GL07, Kom09]. **MLDS** [KM08]. **MLwiN** [ZPC⁺16]. **mma** [YL17]. **mmeta** [LCSC14]. **MNP** [IV05]. **Mode** [Meu13, LHR16, MÇSD14]. **Model** [ALE10, AMYR16, AWBM18, BBG12, CdM10, Den16, DM18, Far06, Far16, Gal17, HD10, HMRS14, HMS16, HSG12, HWY18, Jal19, LIL⁺15, Lei13, LC10, MRC15, Mar06, Mel16, Mil17b, Mil15b, PZK⁺12, PN97, Sch11, SR18, Sta08, TMW18, Wan06, ZC10, ZF15, BL14b, De 16, IM15, LB12b, OOSM18, OS95, Orm17, Ros09, SMHBR06, WG17, XLX⁺19, Yan95, Zag18, IV05]. **Model-Based** [AWBM18, BBG12, LIL⁺15,

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[Hof11, JPOJ12]. **Multidimensional** [BS18, Cha12, LBW18, dLM09b, BBG14]. **Multifractional** [DC05]. **MultiLCIRT** [BBG14]. **Multilevel** [Bür17, CC11, Fin14, Grö15b]. **Multinomial** [CGC14, FH09, Tou15, IV05]. **multiPIM** [RJH14]. **Multiple** [Bon18, BHW11, CFHBK11, FM19, HWY18, JM15, KPSH15, KR13, OH11, SP14a, SGHY11, WGS12, YL17, ZC10, Beh05, Las97, Che11, Dic12, Ric11]. **Multiple-Objective** [HWY18]. **Multiple-Table** [WGS12]. **Multiplication** [LBW18]. **multiplied** [LF15]. **Multiresolution** [SCS13]. **Multistate** [FDB12, Mal13, Wil14b, BAS12, Sun15]. **multitable** [WGS12]. **Multivariable** [SMHBR06]. **Multivariate** [AWBM18, Ano06c, ARC04, BS18, BC11, CSNF18, CO16, CGS09, Duo07, Er12, Eva11, FDGD16, FBC07, FBF14, Gro08, JM15, JJJ14, KY10, KK14, Kuh10, LJH08, LM03, LBC⁺16, Lun06, LCSC14, Mai11, MdL10, ML13, Nor08, Oja10, Phi10, PMM18, SFS12, SMM⁺15, Sek11, Sha20, TDRD15, TD07, Tsa14b, Unw12a, VW13, WCHB11, Yu12, Zei16, dL05a, AD17, BFA14, Beh12, Eve05, EH11, FFM09, GS19, HLP11, JV14, Kle09, Kom09, Sar08, vBGO11, Hub11, Mü16]. **Multiway** [Lei10]. **Munzert** [Iac15, Sel17]. **Murdoch** [Hly09, Nor09]. **Murrell** [Gun06, Unw12b]. **Murtagh** [Hec07]. **Mutable** [Wic11a]. **MXM** [LAF⁺17]. **MySQL** [Wün13].

N [Abr97, Arg98, Bai11, Chi07, Fer02, Jam96, Law02, Liu16b, Oli10a, Rob07, Sch09, Sta07b, Zie01b]. **N**. [Ste11]. **nacopula** [HM11]. **Nagaraj** [Lum01, Pet02]. **names** [ABEY18]. **Narrow** [Mil15b]. **Nash** [CI17]. **Nason** [Mor09, BL11, O'B09c]. **Nathan** [O'B14]. **National** [RG96, Van18]. **Native** [Wei12]. **Natural** [MC97]. **NbClust** [CGBN14]. **Near** [RBB18, Was15]. **Near-Far** [RBB18]. **Near-Optimal** [Was15]. **nearfar** [RBB18]. **Neerchal** [Pet02, Law02, Lum01]. **Negative** [LA19]. **Nested** [HM11, WD18]. **NetLogo** [Thi14]. **Network** [BB12, LZHC17, Mat16a, Nor15, KC14a, Hor12b, But08]. **Networks** [BB12, GW18, HPCS14, Høj12, JGM18, MvSB⁺07, Scu10, SD15, Tat18, VSS⁺17, Cho15]. **Neural** [BB12]. **neuRosim** [WDM⁺11]. **Neutral** [Han07b]. **Neuwirth** [Fle11, Sco10b]. **Newdistns** [NR16]. **News** [The99]. **Newton** [MHJS16]. **nhorton** [Grö15a]. **nhorton/r2/** [Grö15a]. **NHPoisson** [CAA15]. **Nicholas** [Grö15a, Liu17, Liu18, Pol11c]. **Nick** [Kha16]. **Nicolas** [Unw13b]. **NIFTI** [WST11]. **Nina** [Mil17a]. **nls2** [BH94]. **No** [Abr97, Ano16, Cox05, The99, Dal98, Har03, Hou07, Kell10, Lum08, Orm17, Pet02, Plu01, Put06, Rob17, Sta05, Vie11]. **Noel** [Pet19]. **noise** [LF15]. **Nolen** [Oli17]. **nomisweb** [Smi17]. **Nomogram** [CG15]. **Non** [BH94, Dev86, Gas11, SP14a, Cox05, Fog17]. **Non-Linear** [Gas11, BH94, Cox05]. **Non-Parametric** [SP14a]. **Non-uniform** [Dev86, Fog17]. **Nonhomogeneous** [CAA15]. **Nonlinear** [AC04, CLL17, Dal98, DMS14, Gan15, Gra07, Hew05, PZK⁺12, RS08, Rit09, VG09, Woo98, H⁺96, HBPJ04, Rao14, Ano09b, Car16, O'B09b, dL09a]. **Nonnegative** [FDGD16]. **Nonparametric** [AM14, Can04, CQZ⁺10, Con03, DLN17, Far06, Far16, FDB12, Gal17, Har19, Hub11, JM15, JHQ⁺11, KK15, KPSH15, MVS13, Mü16, NGBK12, Oja10, OCRC14, PP18, dREP12, Sav16, SVMMP17, Sta08, Wan06, Wel18, WsT18, HHJC14, Orm17, Ros09, Cho20]. **Nonstationary** [Gra07]. **nopp** [CI17]. **Normal** [AD15, Phi10, PMM18, AD17, Kom09, MC18]. **Normality** [JJJ14, JV14]. **Norman** [IR12, Edd18]. **Northcon** [IEE93, IEE94]. **Northcon/93** [IEE93]. **Northcon/94** [IEE94]. **Northhorn**

[Ano06b]. **Notes**
[R D11a, Mil92, VS02, Ven04]. **np** [Har08].
nparcomp [KPSH15]. **nparLD** [NGBK12].
npbr [DLN17]. **NPCirc** [OCRC14].
npregfast [SVMMRP17]. **npRmpi**
[HHJC11]. **nse** [AB17b]. **Nucleotide**
[SBMG06]. **Null** [ZFZ10]. **Number**
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numbers [CHB14]. **Numerical**
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Lud13, Rob19, SS18a, SS18b, Var14, How17,
Mye12b, O'B12b]. **NumPy** [EW16].
NUOPT [Ano99, SM05]. **Nutshell**
[Adl12, Adl10, Edd11, Leo10]. **NY** [Kim20].
Nyhuis [Iac15, Sel17].

O [Car10, Cho20, Cur18, Sco11, NPP18].
Object [ATF10, Cal95, Cha14b, Lo 93,
Lo 94, MC97, PR07]. **Object-Oriented**
[ATF10, Cal95, Cha14b, Lo 93, MC97, PR07].
Objective [HWY18, VG09, Urb09].
Objects [CP11a, Wic11a]. **Observation**
[OH11, SD18]. **Observational** [Ros10a].
Observations [TGJ17, VV16]. **Observed**
[Alb16, KNI16, BI13]. **Observed-Score**
[Alb16]. **obtained** [NPR13]. **occasion**
[DO94]. **Occupancy** [MBGK18].
Occurrence [FC11, GVM16]. **October**
[IEE93, IEE94]. **Odds** [FH09, PCAS09].
Office [Pol09]. **ofw** [CC08a]. **Ohri** [Mat15].
Oja [Hub11]. **Okan** [Sab19]. **OLAT**
[ZUL14]. **Old** [AB90]. **Olsen** [Sis03]. **Olson**
[Ano03c, Ano06d, Bar02, Bro07, Mac98,
Zie98, Zie01c]. **Olympia** [HI97]. **Oncology**
[WS11]. **OneArmPhaseTwoStudy**
[KWE⁺17]. **Online** [Din06]. **ontologies**
[RB11]. **Open**
[The99, HBZ09, TRM16b, Aji17, Fri16, SA15].
Open-source [HBZ09, SA15]. **OpenCPU**
[Kor18]. **Opening** [SGHY11]. **OpenML**
[CBL⁺19]. **OpenMP** [JPOJ12].
OpenMP-style [JPOJ12]. **Operating**
[GG16]. **operations** [Tie09]. **OptGS**
[Was15]. **optim** [Var14]. **Optimal**
[CI17, GZP14, HWY18, LRRÁCSGS14,
MdL10, RPVG11, Was15, You12, dLM09a,
AA12, Grö11]. **OptimalCutpoints**
[LRRÁCSGS14]. **Optimization**
[ACW12, Bar14, Bra14, Dre19, GT10, KM14,
KR13, MS11, MAG⁺11, Mul14, NV11, Nas14,
PSM⁺11, RGD12, Rui16, Sek11, Var14,
Wol94, dLHM09, KKEM15, Pfa13, SM05].
Optimizing [SWHJ17, VG09, MUM16].
Optimum [PJSPC17]. **optimx** [NV11].
Order [HHB08, YWL02]. **Ordering**
[BPSS09, Ber10, Ros10b]. **Ordinal**
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Beh04, PCAS09]. **Ordinary** [Sch14].
OrdNor [AD15]. **Oregon** [IEE93].
organisation [Dir18]. **Orientation** [Mur03].
Oriented [ATF10, Cal95, Cha14b, Lo 93,
Lo 94, MC97, PR07]. **Orientlib** [Mur03].
origami [CH18]. **Orlando** [Ano95a].
Ornstein [BI13]. **Orthogonal**
[ADN15, BdMM15]. **osDesign** [HSL11].
Other [BML19, HM16, RG07]. **Outcomes**
[TM15, LB12b, PFT⁺12]. **Outline**
[BPGC14]. **Output**
[Han05, Lei13, Smi07, SVM⁺17]. **Outputs**
[MRC15, Pap16]. **ová** [Oli07]. **overflow**
[ZGS⁺18]. **overhead** [WPW15]. **Overview**
[Cha95]. **Owen** [Ng11, O'B09a].
Owen-Jones [O'B09a]. **Ox** [CN97].

P [Bra03, BL11, Cha14a, Eas03, Gle16a,
Grö16, Har03, Hel15, IDE15, Law02, Li11,
Lum01, Mai10, Mat15, Mat16a, Mye12a,
Neu11, O'B09c, Pet02, Rip11, Rus15, Sco10a,
Zie99, Til96, ACG⁺16, Cam12]. **P-Splines**
[Cam12, ACG⁺16]. **P**.
[Dic12, Mig10, Mor09]. **Package**
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AMW14, AM14, BG18, BT05, BDMP15,
BK11, Bar14, BFRP13, BY18, BS18, BPP17,
BGH⁺17, Bat15, Bea17, BBGL17, BCHY09,
BKT14, BBG12, BSVT12, BK17, BdMM15,

BVE⁺15, BN10, Bon18, BDdM11, BPB09, BD18, BCAB07, Bra15, Bra14, Bra17, BS13, BPDD08, Bür17, Bur12, But08, CdM10, CSNF18, Cam12, CC08a, CB17, CFHBK11, CAA15, Cha12, CNA16, CQZ⁺10, CGBN14, CKSLS12, CC11, CKY14, CGC11, CGC14, CFSR15, CO16, CF08, CGS09, CJM06, CI17, DMB18, DLN17, DBZ⁺11, DC05, DMD15, Den16, DW17, DM18, DK18, DPSH18, DGP08, EE07, EBO⁺13, FS10a, FBdlF12, FDB12, Fer11, FDGD16, FM19, Fie12, FBC07, FO15, FC11, FH09]. **Package** [FC12, FM08, FKP17, FGEMI12, FS10b, GR16, GRD13, GSD12, Gan15, Gas11, GGC⁺15, GRK⁺16, GP12, GG16, GKZ16, GK16, GKD14, Gio09, GGK10, GZ11, GLC⁺15, GCA12, GFS14, GDMB08, GFC12, Gos11, Gra07, GT10, GvdMW09, GW18, Grö10, Grö14b, Grö18b, GvdL12, GH11, Gu14, GV12, Had10, HPWdL15, HHB08, HH14, HD18, HSL11, Han06b, Han07b, Har10, HD12, HXY12, HM18, HP09, HH19, HH07, HPCS14, HM11, HMS16, Hoh18, Høj04, HHY05, HL07, Høj12, HMR⁺13, HG14, HSG12, HGG08, HK08, HWY18, IP08, IDE15, IV05, ILS11, ICL16, Jac11, JPM19, Jal19, JM15, JJJ14, JKvT⁺14, JGM18, JD15, Jon07, KMC⁺12, KSHZ04, KL14, Kas16, Kav15, KK15, Kie08, KWE⁺17, KE14, KO06, KNI16, KF14, KN03, KG17, KR10, KY10, KK14]. **Package** [KSBZ16, KPSH15, KV13, KT16, KSP15, Kuh08, KR13, LAF⁺17, LRGTA12, LJH08, LIL⁺15, Lee13, LM18, Lee18, LRN18a, Lei10, Lei03, LHS08, LSPvdL17, Len16, LBW18, LM14b, LFF17, LZHC17, LL11, LBC⁺16, LC10, LHA⁺15, LRRÁCSGS14, dUJ13, LX12, LCSC14, MRC15, MR12, MF14, MHJS16, MH07, MdL10, Mar06, MH15, MBGK18, MF15, MP14, MPM14, ML13, MYK07, MZ08, MS11, MCM12, Mel16, MJGM10, Meu13, MW07, MVS13, ML11, MTvdM15, MBR11, MV14, MdUÁ10, MN14, MvSB⁺07, MvS07, MAG⁺11, Mur03, Mur09a, MG09, NR16, Nag18, ND12, NGBK12, NAA17, OH11, OHD17, Obe14, OCRC14, OL17, Oom13, OK14, PPGD15, PP17, Pan18, Pap16, PLRC10, PMW⁺15, PSS⁺17, PG15, PP18, Pet10, Pfa08b, PU13, PT07, PT09, PMM18, dREP12, RBB18, RLWP16, RC17, RJH14, Riz06]. **Package** [Riz10, Riz16, RR11, RMG12, Ros12, Rov17, SF18, SFS12, Sar16, SIR⁺11, SZ11, SMM⁺15, Sch16, SSH⁺20, SIRC16, Sch17c, Scr13, SR18, Scu10, SVMMRP17, Sho13, SS19a, SKS15, Smi07, SYC08, SLS⁺12, SP10, SPS10, SvdLN17, Sól09, SD18, Spe13, SM07, SLG05, SSV14, TP11, TM15, TMW18, TV11, TDRD13, TB17, TKM15, TMKD17, TMN16, Thi14, TFR16, TYH⁺14, Tou15, TGJ17, TF12, Tyn16, ÜKD09, ÜS10, USHH18, VW13, VG09, Ver18, VKVC15, Vie10, VV16, VKM18, VdL09, VYD⁺12, VS10, WGSL12, WMS17, WW11, Wan11, Wan13, WLH⁺18, Was15, Wee10, WF12, Wel18, WDM⁺11, WM14, WCHB11, Wie04, WMR16, XMW10, XWHL15, Xie13a, YEL18, You10, YL17, Yua07, ZF15, ZPC⁺16, ZQS16, ZP13, dSJdSF14, dLM09a, dLM09c, dWFPP11, vdWG11, Alb15, AD17]. **package** [Ano13, ABEY18, BF17, BBG14, BMOF17, BI13, BBN10, CBGGV17, Car17, CBL⁺19, CCJMR16, CKSLS18, CHB14, Dir18, FFM09, FM18b, Gas18, GSB19, GMF18, Gle16b, GEV18, GS19, HBA19, HT11, HHJC11, HHJC14, HMRS14, Höh07, HF07, HS18, IM15, IESdF18, KF17, Kom09, Lan18, Lan09b, LSM20, Lau18, LM03, LS16, LF15, LHR16, MUM16, MT20, MCB18, MN17, MZ18, NPR13, NB13, NPP17, NPP18, PCAS09, PFT⁺12, PDH16, PSM⁺11, R D04, RRSPTTR12, RRSPTTR14, SVM⁺17, Sek11, SAR11, Smi18, SR17, Tan18, TKM16, TLH11, Tho18, Tur18, VV19, VWDB16, Wil18, WD18, XLX⁺19, Yan17, Yan95, YS13, Zag18, ZLHK02, ZY19]. **Packages** [Alm10, Boe17, DHF15, GASA15, HL09, KMTS14, RGD12, TD07, De 16,

Mil92, WML14, Cur18]. **Packaging** [MBM18]. **page** [KKEM15]. **Pages** [Ver12, Abr97, Ano03b, Cap19, Cox05, Cur18, Dal98, Har03, Hou07, Kel10, Liu18, Lu18, Lum08, Orm17, Pet02, Plu01, Pod18, Put06, Rao14, Rob17, Rui17, Sta05, Vie11, Mai11]. **Paired** [HD12]. **Pairwise** [SBMG06]. **Panel** [BL14a, BK11, Jac11, MP12]. **Panel-Corrected** [BK11]. **Paperback** [Pol09]. **papers** [DO94]. **Paradigm** [Lo 93, Lo 94]. **Paradis** [Mai09, Ano12a, Suc07]. **Parallel** [CQ95, Den16, HM16, Hof11, Mat16b, Röh00, RTL07, dVSWAL17, SME⁺09, TRL09, DP13, EKP⁺11, HHJC11, KF17, PSM⁺11, Edd18]. **parallelism** [JPOJ12]. **parallelization** [LMY⁺11]. **parallelize** [ZMV⁺18]. **Parallelizing** [PLZ⁺15, Tie09]. **Parameter** [Asq14, BII3, CLL17, HWY18]. **Parameterization** [Mug10]. **Parameters** [RC17, Sar16]. **Parametric** [Cul11, HH14, Jac16, KL14, KSP15, MRL12, SP14a, TP11]. **Parametrical** [RMG12]. **Parental** [TV11]. **parfm** [MRL12]. **Parser** [Siu17]. **Parsimonious** [PMM18]. **Part** [Lei02, Lei03]. **Partial** [MW07, Sch14, Sch17a, LB12b, SS18a, SS18b]. **Partially** [KNI16, MT20]. **Partition** [MH15, Sho13]. **Partitioned** [GKZ12]. **Partitioning** [GGC⁺15]. **Partitions** [Han06a, HW07]. **Parts** [ZC10]. **Party** [CI17]. **passage** [RRSPTR12, RRSPTR14]. **Passing** [Hof11]. **path** [Shi16, VV19]. **paths** [VV19]. **patient** [LB12b]. **patient-reported** [LB12b]. **Patrizia** [O'B10]. **Pattern** [BMGT15, Lab12, RD92, RD93, Val09]. **Pattern-Mixture** [BMGT15]. **Patterns** [BT05, GRD13, MR12, MTPL15, PG15]. **Paul** [Gun06, Mai10, Unw12b]. **PAVA** [dLHM09]. **Pawel** [Bas18]. **pbkrtest** [HH14]. **pcalg** [KMC⁺12]. **pcIRT** [Hoh18]. **pcnetmeta** [LZHC17]. **PCovR** [VKVC15]. **PCs** [Mil92]. **pcse** [BK11]. **pcd** [Bra15]. **PDEs** [SS18b]. **pdfCluster** [AM14]. **Peace** [Par15a, Num13]. **Peak** [RG07]. **Pearson** [CM14]. **Pebesma** [Hoe09]. **Penalized** [RMG12]. **Penalty** [CS12]. **Peng** [Buc09]. **PerFit** [TMN16]. **Perform** [GGC⁺15]. **Performance** [CQ95, MCM12, ES14, Gav10, Lan18]. **Performing** [EE07, LZHC17, Spe13, ELS17, LHR16]. **Periodograms** [TFR16]. **Perl** [Lab12, The99, Val09]. **PerMallows** [ICL16]. **Permutation** [BPSS09, PSM⁺11, Ber10, Ros10b]. **persistent** [WWDS18]. **Person** [TMN16]. **Person-Fit** [TMN16]. **Personal** [Gen98]. **Perualila** [Oli17]. **Pesarin** [Ber10, Ros10b]. **Peter** [Ano09a, Che11, Iac15, Ric11, San03, Sel17, PG20]. **Petersen** [MN03]. **Petris** [Mig10, O'B10]. **Petrone** [Mig10, O'B10]. **Pfaff** [Lüt11, Ano10]. **Pharmaceutical** [Bra03, Eas03, Har03, KM01]. **Phase** [HSL11, KWE⁺17, PFT⁺12]. **Phil** [Bat08a, Ko95b, Sau10]. **Philentropy** [Dro18]. **Phillip** [Pol09, Pol09]. **Phonetic** [How18]. **Photovoltaic** [Lam12]. **PHP** [MP06]. **phtt** [BL14a]. **Phylogenetic** [O'B14, Swe13, GL15, WD18]. **Phylogenetics** [Ano12a, Par12, Suc07, Par06a]. **phylogram** [WD18]. **Picek** [Oli07]. **Pierre** [Mye12b, O'B12b, Unw13b]. **Pierre-André** [Unw13b]. **Pilz** [AA12, Krä20]. **Pinheiro** [Woo01, Zie01a]. **pipeline** [Lan18, LWC⁺09, WWDS18]. **Planning** [KWE⁺17]. **Plans** [Kie08, MMB15]. **Plant** [For20]. **Platform** [AB12, Jac16, Rac12, CBL⁺19, SA15, SKW17]. **Platform-Independent** [Rac12]. **Plaza** [All86]. **plink** [Wee10]. **PLMIX** [MT20]. **Plot** [MF14, MÇSD14]. **plots** [Tur18]. **Plotting** [GRD13]. **pls** [MW07]. **Plug** [TFH12]. **Plug-In** [TFH12]. **PLUS** [AC04, Cow03, Hew05, Pol09, SCD07, Sta99, Süs93, Utl05, Woo98, Zie04, dL05a, Ano99, Ano06c, Cox05, Dal98, Den98, Fox05a,

Kra97, Ros00, Ano95b, Ano97, Ano98, Beh04, Beh05, BH94, But05, Can04, Car04, Cha99, Con03, Eve94, ERH01, Eve02, Eve05, FGG⁺94, Gen98, Ger94, GZ11, Goo05, Gru95, Hal93, Har06, HC05, H⁺96, HBPJ04, Kon04, Kuo03, Lan95, MJR93, MC97, Mat85, Sta92a, Sta92b, Sta93a, Sta93c, Sta93g, Sta93e, Sta93h, Sta93j, Mat94, Mil98, Mil02, PB00, SM05, SP05, Sta93b, Sta93d, Sta93f, Sta93i, Sta93k, Sta95c, Sta95d, Sta95e, Sta95g, Sta95f, SHR97, VR94, VR99, VR00a, Ano96, BA97, BG96, BHS00, Cra02, CN97, Dia05, Fox02, KO97, KO00, KM01, Kra05, Las97, Lo 93, Lo 94, Man03, Mat98, Mil00].

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Plus(R) [Lun06, Ano03a]. **Pnuts** [KSC⁺00]. **Point** [BT05, EE07, FBC07, GRD13, Har10, JM15, KSS⁺07, MTPL15, PG15, Pen03, RD92, ACG⁺16, MC18, RD93].

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PoisNor [AD17]. **Poisson** [AD17, Cam12, CAA15, KN05, MC18].

poLCA [LL11]. **Policies** [Oom13]. **Policy** [HGG08]. **Political** [How16b]. **Pollution** [Buc09, PD08]. **Polygons** [LRN18b].

Polyhedral [LPLPD14]. **Polymorphisms** [SBMG06]. **polynomials** [SMHBR06].

Polytomous [Hoh18, LL11]. **pomp** [KNI16]. **Pool** [dLHM09].

Pool-Adjacent-Violators [dLHM09].

popbio [SM07]. **Popes** [SVCB18].

Population [Fie12, Fou09, SL09, Zha11].

Population-Based [SL09, Fou09, Zha11].

Populations [TV11]. **portfolio** [BMOF17, Pfa13, SM05]. **Portfolios** [ABGF17]. **Portland** [IEE93]. **Portnoy** [Sta05]. **Positions** [CI17]. **Positive** [LA19].

post [GSB19]. **post-processing** [GSB19].

Posterior [Smi07]. **Potentially** [RG07].

£67.99 [Rui17]. **Poursat** [AC04, Cox05].

Poverty [Esp15, Lon15]. **Power** [LT16, LR15, JV14, LT16, Asq14]. **powerful** [Ger94, Mat94].

pp [Aji17, Gle16a, Grö15a, Grö16, Hac17, Has18, Hel15, Hof15, How16b, Iac15, Kha16, Kle17, Mat15, Mat16a, Rus15, Sab19, Zei16].

PPtreeViz [Lee18]. **Practical** [AC04, CHT98, Dal98, Hew05, Iac15, IDE15, KF14, Mun14a, Otn17, Sel17, Woo98, ZM14, Cox05, Dév09, GL16a, H⁺96, HBPJ04, RN17, Vin08, Wün13, Grö16, Kin20, Mil17a].

Practice [Nas14]. **Practitioners** [GL14].

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Prediction [CQ95, SMM⁺15]. **Predictive** [BG18, Cap19, Kuh08, Mil15a, MZ18].

Preferences [HD12]. **preferred** [HBA19].

prefmod [HD12]. **PRemiuM** [LHA⁺15].

Preparation [Kra07]. **Preparing** [AL16].

prepdatt [AL16]. **Presence** [FM08].

PresenceAbsence [FM08]. **Presmoothed** [dUJ13]. **prespecified** [Ros08].

Press [Ano16, Cun12, Cur18, For20, Grö15a, Kle17, Lu18, Pet02, Pet19, Pod18, Rao14, Rui17, Sab19, Agr16, Cho20, Edd18, Gal17, Liu17, Par15a, Sán19, Tat18].

Price [Abr97, Cox05, Dal98, Har03, Hou07, Kel10, Lum08, Orm17, Pet02, Plu01, Put06, Rob17, Sta05, Vie11].

Prices [Mil15b, BL14b]. **Primal** [LM14b].

Primer [GvdMW09, Hel18, Hor12c, Soe10, Sól10, Ste09, Aji17, Eks12, Eks16, Fri16, Kee12, Hac17, Hög12, Neu12, Grö13].

primitive [MGHR16]. **Principal** [Lei10, MW07, VKVC15].

Principles [CFZ09, SR16]. **print** [Kle17]. **Priors** [Lee13, LRN18a, ZF15]. **Prison** [FM18b].

prisonbrief [FM18b]. **Probabilistic** [GR16, GVM16, Meu13, SAR11]. **Probabilities** [VV16]. **Probability** [BNB96, BNB07, BNB08, Hor09, KR10, Kur19, Laz11a, LQC⁺12, Lu18, Mal09, Pic09, UMA08, vdWG11, Bac08, ST10, Bat08b, Ng09, Pie09]. **Probit** [IV05, Zag18]. **Problem** [Pap16, Krä20, VV19]. **Problems** [EE07, VSV09, Wol99, LKD08, RRSPTTR14]. **PROC_R** [Wei12]. **procedure** [HBNS14]. **Procedures** [BGH⁺17, TMW18]. **Proceedings** [All86, HI97]. **Process** [EN11, Gra07, GT10, MRC15, PLZ⁺15, Pen03, SFS12, SKS15, BI13, ELS17, MC18]. **Processes** [CAA15, Gra16, Har10, KNI16, LHA⁺15, RLWP16, TDRD13, TDRD15, ACG⁺16, RRSPTTR12, RRSPTTR14]. **Processing** [LBC⁺16, S6l09, DP13, Fir03, GSB19, Röh00, Wün13]. **processor** [MZ18, SP14b]. **prodest** [Rov17]. **producing** [HBA19]. **Product** [Sho13, OOSM18]. **Production** [Rov17]. **Products** [Ano99]. **profdpm** [Sho13]. **Professional** [Ano99]. **Profile** [LHA⁺15, Wie04]. **Profiling** [SP14b]. **Program** [BMGT15, But05, LHR16, Yan95]. **Programmer** [Sta92a, Sta93h, Sta93i, Sta97b]. **Programmierung** [Süs93]. **Programming** [Ano09d, BCW88, Bel19, Ber09, Cal95, Cha86, Cha98, Cha08a, Cha14b, DN17, Hil10, Hly09, Hor12a, IR12, Lub91, Mat11, Ng11, Nor09, O'B09a, Oli10b, R D11a, Sco11, Ste00, Tho18, VR00a, Wei12, Wic08a, dL09b, Bia94, BM07, CN97, CNZ99, Dav15, Gen09, GL16a, Gro14a, JMR14, OJMR09, VR00b, VS02, Ven04, Lan17b, Plu01]. **Programs** [JS05, NK06, KKL⁺15, SMHBR06]. **Progression** [BVE⁺15]. **Project** [BCHR15]. **Projection** [Lee18]. **Projections** [LM14b, SAR11, WCHB11]. **projects** [SNR18]. **Propensity** [HP09, Sek11]. **proportion** [SR17, SR17]. **Proportional** [FH09, Gan15, TKM06, ZQS16, PCAS09]. **Proportional-Odds** [FH09]. **proposal** [Lan09a]. **Prospects** [TLH11]. **Proven** [LT19]. **Providing** [Den16, GMF18, NPP18]. **Proximities** [IP08]. **PSAgraphics** [HP09]. **Pseudo** [Fog17]. **PST** [GR16]. **Psychoco** [WSZ12]. **Psychology** [Veh13, RKY11]. **Psychometric** [WSZ12]. **Psychometrics** [DB18, Sab19]. **PTAk** [Lei10]. **PtProcess** [Har10]. **Public** [HGG08]. **publications** [Pol11b]. **Published** [Lu18, Nun20]. **Publishers** [Aji17]. **PubMed** [RL15]. **purchasing** [BMOF17]. **Pure** [DC09]. **Purposes** [MP06]. **Pursuit** [Lee18]. **Putler** [Sco13a]. **PypeR** [XMW10]. **Python** [BP17, GH18, GHN19, Mil15a, Mü13, Smi17, Smi18, XMW10].

Q [LLS15, Tur18]. **Q-Learning** [LLS15]. **Q-Q** [Tur18]. **Qian** [Fin11, Woo11]. **qicharts2** [Anh18]. **qqman** [Tur18]. **QTL** [Doe10, BS09, HSG12, TV11, Bro14, Doe10]. **QTS** [OS95]. **Qualark** [OS95]. **qualities** [PSZ17]. **Quality** [Anh18, MG09]. **Quandle** [FW18]. **Quantification** [Dro18, SS15]. **Quantile** [SS19a]. **Quantitative** [Hof15, WS11, Day15]. **Questionnaire** [Fri12, O'B12a, Fal12]. **Questionnaires** [BBG16, Lal17]. **Quizzes** [ZUL14].

R [AA12, Agr16, Aji17, AC04, Ano06c, Ano09c, Ano12b, Ber09, Bos09, Bow10, Buc09, Bur09, Bur10, Cam09, Car10, Car16, Cow03, Cox05, Cur18, Dav07, DN17, Dia06, Doe06, Dur14, Edd09a, Edd18, Eme08, Esp15, Gal17, Gil14, GL14, GR18, Gou05, Grö13, Grö15a, Gro18c, Hac17, Hæg12, Han13a, Har19, Hel18, Hew05, Hew16, Hoe09, Hof15, Hor12b, Hou07, Hub11, IR12, Iac15, IDE15, Kau13, Kha17, Kin20, Kos15, Lal17, Lan17b, Laz11b, Lig09, Liu17, Lor18, Lun06, Lun07a, Luo09, Mai08, Mar12, Mat13, McN14, Mor18, Mor03, Mü16, Mur14, Neu12, O'B13, Orm17, Otn17, Par15b, Pol09,

Pol11c, Pol13, Rah14, Rao14, Ree09, Ros09, Rui17, SL09, San10a, Sar06, Sch08, Sco11, Sel17, Smi06, Sta08, Sta07a, Ste11, Sto11]. **R** [Tur12, Utl05, VM09b, VM09a, Veh13, Vey14, Wan06, Wan16, Zha11, Zie04, dL05a, ADH11, ALE10, Adl10, Adl12, ACW12, AR14, AMYR16, AFHD09, Aiz12, Alb16, Alb07, Alb09, AR12, Alb15, AGG13, ATF10, AT13, All11a, AL16, Alm10, ACG⁺16, AD15, AD17, AB17a, AWBM18, Anh18, Swe13, Ano13, ADN15, Arc10, AHvD09, AB17b, ABGF17, ABC19, ABEY18, Arm14, Arn17, Asq14, AMW14, AB12, AM14, BVFB19, BG18, Bac08, BL14a, BT05, BDMP15, BK11, BR07, BS15, BRF⁺18, Bak13, BF17, Bar14, BFRP13, BP17, BPL09, BY18, BS18, BBG14, BBG16, BPP17, BPSS09, BP12, BGH⁺17, Bas18, Bat15, BU15, BKH17, BLY18, Bea17, BFA14, BBGL17, BML19, BB18, Bee13, Beh12, Bel19, BCHY09, BKT14, BBG12, BB12, BC11, BAS12, BSVT12]. **R** [BK17, BL15, BdMM15, BCG18, BLM⁺15, BPGR08, BVE⁺15, Blo14, BDT18, BMOF17, BS16, Boe17, BN10, Bol08, Bon18, BPGC14, BDdM11, Bor16, BPB09, Bos12, BD18, BCAB07, Bra15, BM07, Bra14, Bra17, BS13, BHW11, BPDD08, BS09, Bro14, Bro12, BI13, BBN10, BMGT15, Bür17, Bur12, But05, But08, CF14, CdM10, CSNF18, Cam12, CM14, CBGGV17, CC08a, CG15, Car17, Car13, Car14, CB17, CP11a, CBL⁺19, CFHBK11, CAA15, CCJMR16, Cha12, CH17, Cha08a, Cha14b, Cha16, CNA16, Cha08b, CQZ⁺10, Cha18, Cha15a, Cha15b, CGBN14, Cha10, CKSLS12, CKSLS18, CP11b, CP13, CP12, CHB14, CL11, CH11a, CC11, CKY14, CGC11, CA18, Cic15, Cla08, CMS⁺11, CS12, Coe18, CC08b, CGC14, CLL17, CFSR15, CRP13, CS07, CGH⁺08, CGH⁺10, CGH⁺12a, CGH⁺12b, Cot13]. **R** [CM09, CH18, Cra05, Cra07, Cra12, Cra15, CNZ99, CNZ10, CO16, CF08, CsC08, CCP⁺11, CGS09, CJM06, Cul11, CI17, DMB18, DC09, Dal02, Dal08, DLN17, DHM11, DB13, Dav15, Day15, De 16, DBZ⁺11, DC05, DP13, DMD15, Dem13, Den13, Den16, DB18, DLC06, Dév09, Dir18, DJS⁺18, DW17, DM18, DMS14, Drä12, DK18, Dro18, DPSH18, Duo07, DHF15, DGP08, EN11, EF11, ES14, EW16, ESO16, EB18, Eks12, Eks16, EJ13, ELS17, Er12, EE07, EBO⁺13, EK12, EL09, EKP⁺11, Eve05, EH06, EH11, Fal12, Far05, Far06, Far16, FS10a, FBdlF12, FHM08, Fel12, FT08, FW18, FDB12, Fer11, FDGD16, FM19, FHH17, Fie12, FMF12, Fie15, Fil08, FGZ14, Fin14, Fin10, FBC07, Fir03, Fir05, FO15, FC11, FM18a]. **R** [Fou09, Fox02, Fox03, Fox05b, FH09, FFM09, FC12, FL16, FM08, FM18b, FBF14, FK17, Fri16, FKP17, FM16, FGEMI12, Fuj17, FS10b, GRMS11, GR16, GRD13, GH18, GHN19, GB13, GSD12, Gan15, Gas18, Gas11, GGC⁺15, GSB19, GASA15, GIH⁺05, Gen09, GRK⁺16, GP12, GG16, GMF18, GKZ16, GK16, GL16a, GKD14, Gio09, GL16b, GGK10, Gle16b, GLC⁺15, GK14, GCA12, GEV18, GFS14, GDMB08, Goo05, Goo13, GFC12, GS19, Gos11, Gra07, GT10, Gra16, GvdMW09, GVM16, GW18, Gro14a, Grö10, Grö14b, Grö18b, GvdL12, GZP14, GL07, GZ09, GH11, GKZ12, Gu14, Gua13, GL15, Guh07, GV12, Had10, HPWdL15, HHB08, HD10, HH14, HD18, HSL11, Han05, Han06a, Han06b, HW07, Han07a, Han07b, HJM08, Har06, Har08, Har10, Has18, HD12, HBA19]. **R** [HXY12, HM18, Hec15, HH04, HN09, HH15, HP09, HH19, HH07, HT11, Hic16, HCM⁺18, HT19, Hla16, HHJC11, HHJC14, HPCS14, HM11, HM16, HL09, Hof11, HMRS14, HMS16, Hoh18, Höh07, HF07, Høj04, HHY05, HL07, Høj12, HEL12, Hor09, Hor12a, HL04, HL05, HBZ09, HMR⁺13, HG14, HBQ04, HK11, HK15, How17, How18, HS18, HSG12, HBPJ04, HGG08, HLP11, HK08, HWY18, IP08, Iac08, IESdF18, IV05, ILS11, ICL16, Jac11, Jac16, JPM19, Jal19, JWHT13,

JM15, JJJ14, JK_vT⁺14, JHQ⁺11, JGM18, JPOJ12, JD15, JV14, Joh07, JS05, Jon07, JMR14, JP06, Kab11, KHLF⁺10, KMMV14, KMC⁺12, Kan17, KSHZ04, KMH06, KF10, KD11, KN05, KL14, Kas16, Kav15, KK15, Kee12, Kee10, Kee18, KS14, KF17, Kie08, KWE⁺17, KE14, KO06, KNI16]. **R** [KSS⁺07, KF14, KZ08, Kle17, KH10, KM08, KN03, KM14, KG17, KR10, KY10, KC14a, Kom09, KK14, KSBZ16, KPSH15, Kor18, KKEM15, KKL⁺15, KV13, KMTS14, KT16, Kra07, KSP15, Kuh08, KR13, Kuo03, LPLPD14, LT16, LAF⁺17, Lam12, Lan18, Lan14a, Lan17a, Lan09a, Lan09b, Lan14b, LBS17, LH12, LA19, Lan19, LSM20, LRGTA12, Lau18, LWC⁺09, LL10, LM14a, LW16, LJH08, LeB18, LIL⁺15, Lee13, LM18, Lee18, LRN18a, Lei10, Lei13, Lei02, Lei04, LHS08, LSPvdL17, Len09, Len16, LMY⁺11, LB12a, LQC⁺12, LB12b, LBW18, LM14b, LFF17, LM08, LS16, LF15, LZHC17, LLS15, LL11, LBC⁺16, LC10, LHA⁺15, LR15, LRN18b, LT19, Lon15, LRRÁCSGS14, dUJ13, LH14, Luh13, LX12, LCSC14, Lup09, MGHR16, MRC15, Mäc07, MR12, MF14, MHJS16, MB03, MH07, MdL10, MMB15]. **R** [MÇSD14, Mar06, MA14, MTPL15, MH15, MB15, MR14, Mar07, MBGK18, MQP11, MBM18, Mat11, Mat16b, MF15, MCAP19, MP14, MPM14, McE16, ML13, McL17, MYK07, MZ08, MH18, MS11, MCM12, Mel16, MJGM10, Meu13, MW07, MH09, MUM16, MVS13, Mil15a, MP12, Mil15b, MP06, Mir14, ML11, MTvdM15, MT20, MCB18, MBR11, MV14, MHOV12, MdUÁC10, MN14, MN17, MZ18, Mue09, MH10, Mug10, Mul15, MvSB⁺07, MvS07, MAG⁺11, Mul14, Mü13, MRL12, Mun14a, Mur03, Mur06, Mur09a, MG09, Mur09b, Mur11, Mur05, Mwi11, Mwi13a, Mwi13b, NK06, NPR13, NB13, NR16, Nag18, Nar05, NV11, Nas14, Nas08, ND12, NGBK12, NL12, NL14, NPP17, NPP18, NdSL16, NRD16, NAA17, OH11, OHD17, Obe14, Ohr14, Oja10, OCRC14, OOSM18, OL17, Oom13, OK14, OJMR09]. **R** [PLZ⁺15, PH16, PPGD15, PP17, Pan18, Pap16, Par06a, Par12, Par15b, Par15a, PCAS09, PFT⁺12, PLRC10, PSS⁺17, Peb12, PG15, Pen03, Pen08, PD08, PDH16, PJSPC17, PZK⁺12, PP18, Per14, PPC09, Pet10, PP11, PSM⁺11, PR07, PNR13, Pfa06, Pfa08a, Pfa08b, Pfa13, Phi10, PU13, PK08, Pir10, PSZ17, Pla12, Pla19, PC11, Pol11b, PT07, PT09, PLLC11, PLR⁺16, Pri05a, Pri05b, PMM18, PK12, Qia10b, Qia16, dREP12, RH02, Rac12, Rah17, RHG09, RN17, RPVG11, RKY11, Rec10, RFGD08, RBB18, RLWP16, RC17, RG07, RJH14, RS05, RS08, Rit09, RBHB15, Riz06, Riz10, Riz12, Riz16, Riz08, RC10, Rob18, Rob08, RFKM12, RR11, RRSPT12, RRSPT14, Rom07, RMG12, Ros07, Ros12, RTL07, RL15, RGD12, Rov17, dVSWAL17, Ruf09, Run13, SOD⁺16, SF18]. **R** [SS18a, SVM⁺17, SFS12, Sar08, Sar16, SMHBR06, SH17, SP14a, Sav16, Saw09, SE18, SA15, SIR⁺11, SZ11, Sch11, SK17, Sch14, Sch17a, SME⁺09, Sch17b, Sch16, SSH⁺20, SIRC16, Sch17c, Scr13, SR18, Scu10, SD15, SL05, Sek11, SVMMRP17, SAR11, Sha12, She09, SNR18, SBMG06, Shi16, Sho13, SS19a, SC07, SS06, SS11, SS19b, SKS15, SR16, Siu17, SCS13, Smi07, SYC08, Smi17, Smi18, SLS⁺12, SP10, SPS10, SCM12, SvdLN17, Sól09, SD18, SPPP17, SHN17, Spa17, Spe08, Spe13, SP14b, SWHJ17, SR07, SKW17, Ste09, SKZ05, SM07, SLG05, Su07, SGHY11, SR17, SSV14, ST10, TP11, TW11, Tae14, Tak12, TM15, Tan18, TKM06, TMW18, TRM16a, Tat18, Tav17, TV11, TDRD13, TDRD15, TB17, Tee11, TKM16, TKM15, TMKD17, TMN16, Ten18]. **R** [TM05, TLH11, TFH12, Thi14, TFR16, TD07, TR14, Tho18, Tie09, TRL09, TPAM07, TYH⁺14, TNM17, Tou15, TGJ17, Tro09, Tsa13, Tsa14b, TF12, Tur18, Tus11, Tyn16, UMA08, UAK⁺15, ÜKD09, ÜS10, Unw15, Urb09, USHH18, VML12, Val09,

VW13, VSV09, VP16, Van18, VG09, Var14, VVV13, VS02, Ven04, Ver18, VKVC15, Ver05, Ver12, Ver14, VV19, Vie10, VV16, VKM18, Vin08, VdL09, Vin10, VYD⁺12, VS10, VWDB16, WWDS18, WGS12, WDT⁺12, WMS17, WLK08, WW11, Wan11, Wan13, WPW15, WLM⁺18, Was15, Wee10, WF12, Wei12, WML14, Wei02, Wel18, WDM⁺11, WS11, WST11, WM14, WSZ12, WC07, Wic11a, WCHB11, WG17, Wic19, WZMC19, Wil18, WD18, Wil14b, Wil11b, Wil12, WMR16, Wol94, Wol99, Woo06, WGE17, WsT18, Wün13, WM18, XMW10, XWHL15].

R [Xie13a, Xie13b, XLX⁺19, Yan17, YS13, YEL18, YH14, You12, You12, YL17, Yua07, ZGS⁺18, Zag18, ZFZ10, ZLHK02, ZKJ08, ZC10, ZUL14, ZF15, ZPC⁺16, ZQS16, ZY19, ZMV⁺18, ZP13, ZHL11, ZM09, ZML16, ZM14, ZS17, ZIM09, ZIW⁺09, dSJdSF14, dLM09a, dLHM09, dLM09b, dLM09c, dVM12, dWFP11, IGIRGL09, vBGO11, vdA07, vdA12, vdWG11, AA12, All11b, Ano06b, Ano06a, Ano08, Ano09a, Ano09b, Ano09d, Ano10, Ano12a, Ano16, BN07, Bai11, Bat08a, Bat08b, Bau14, Ber10, Boo10, BL11, Cap19, Cha14a, Che11, Chi07, Cho09, Cho20, Dem17, Dic12, Doe10, Eva14, Few09, Fin11, For20, Fri11, Gle16a, Grö15b, Gut11, Han13b, Han13a, Hec07, Hel15, Hly09, Hoe09, Hor12c, How16b, Hu09, Hü18, Joh09, Kel10, Kha16, Kim20, Krä20, Kuh10, Kum10, Lab12].

R [Laz11a, Lep14, Li11, Liu16b, Liu18, Lu18, Lum08, Lüt11, Mai09, Mai10, Mai11, Mai14a, Mai14b, Mar11, Mar12, Mat16a, Mig10, Mil12, Mill17a, Mor09, Mye09, Mye12b, Mye12a, Neu11, Ng06, Ng09, Ng11, Nor08, Nor09, Nor14, Num13, Nun20, O'B08, O'B09c, O'B09a, O'B09b, O'B10, O'B12b, O'B12a, O'B13, O'B14, Oli07, Oli10b, Oli10a, Oli17, PG20, Pet19, Pfa12, Pic09, Pod18, Pol11a, Put06, Qia10a, Ree18, Ric11, Rie19, Rip11, Rob12, Rob05, Rob07, Rob17, Ros10b, Sab19, Sán19, San03, Sau10, Sau12, Sch09, Sco09, Sco10a, Sco11, Sco12, Sco13b, Sco13a, Sen14, Sól10, Sta07b, Suc07, Tsa14a, Unw11, Unw12a, Unw13a, Ven10, Vie11, Wil14a, Woo11, Yu12, Zei16, AC07, Ano09c, Arm19, Bar18, Bat04, Beb13, Ber09, Bos10].

R [Bow09, Bro10, Bul06, Cho15, Chr09, CH11b, Dem18, Dia18, Dow17, Dre19, Dur15, Edd09c, Edd09b, Edd11, Edd12b, Edd12a, Eva11, Fle11, Fri12, Goll1, Gou10, Grö11, Grö18a, Gro08, Gun06, Har07, Hel16, Hil06, Hill10, How11, How16a, Jon13, Kha18, Kos16, Leo10, Lew16, Lha14, Liu15, Liu16a, Lud13, Lun07b, Mai06, Mai12, Mal13, Ma109, Mat15, Mil10, Mil17b, Mun14b, Nie11, Nie14, Nor15, Oom10, Pal15b, Pal15a, Pan15, Pav16, Pie09, Pod15, Ree09, Rob13, Rob19, Rob09, Rui16, Rus15, San10b, San11, Sau11, Sco10b, Sha16, Sha11, Sha19, She11, Soe10, Str10, Sun15, Sun16, Tus05, Tyl07, Unw12b, Unw13b, VSS⁺17, Voe09, Wic08b, Wic08a, WG10, Yal10, dL05b, dL06, dL09a, dL09c, dL09b].

R-based [HLT09, SA15]. **R-INLA** [BRF⁺18]. **R-Menu** [BP12]. **R-mode** [MÇSD14]. **R-package** [CCJMR16]. **R-packages** [De 16]. **R-php** [MP06]. **R-Software** [ZS17]. **R-Squared** [Rec10]. **R/MATLAB** [VFV13]. **R/qt1** [BS09, Bro14, Doe10]. **R/S** [Pol09, Goo05, Har06, Rom07]. **R/S-PLUS** [Pol09, Goo05, Har06, Rom07]. **r2** [Grö15a]. **R2GUESS** [LBC⁺16]. **R2MLwiN** [ZPC⁺16]. **R2WinBUGS** [SLG05]. **Rabe** [Daw03, Zie02b]. **Rabe-Hesketh** [Daw03, Zie02b]. **Radiation** [Lam12]. **Radisson** [All86]. **Rahlf** [Hüs18]. **Ramble** [Siu17]. **ramps** [SYC08]. **Ramsay** [Bur10, Car10]. **Randal** [Car16]. **Randall** [Sco13b, Rao14]. **Random** [Bea17, CF14, Car17, DB13, FS10b, JJJ14, MR12, PB15, Sar16, SMM⁺15, TKM16, Yan95, CHB14, Dev86, Fog17]. **Random-effects** [Yan95]. **RandomFields** [SMM⁺15]. **Randomization**

[Han13a, USHH18, ZHL11]. **Randomized** [HM18, TPAM07]. **randomizeR** [USHH18]. **randomLCA** [Bea17]. **Randomly** [MdUÁC10]. **Rank** [TM05]. **Rank-Based** [TM05]. **ranked** [MT20]. **Rankings** [HD12]. **Ranks** [Oja10, Hub11]. **RAppArmor** [Oom13]. **Raritan** [Ano99]. **Rasch** [AA12, Krä20, Veh13, Hoh18, MH07]. **Rate** [SAR11]. **Rates** [MP14]. **Ratings** [HD12]. **Ratio** [MVS13]. **Raton** [Agr16, Cho20, Cur18, Edd18, For20, Gal17, Gle16a, Grö15a, Grö16, Hou07, Kel10, Kha16, Liu17, Lum08, Nun20, Orm17, Par15b, Pet19, Put06, Rob17, Sab19, Sán19, Sta05, Tat18, Vie11]. **Rattle** [Sau12, Mwi13a, Wil11b]. **rBeta2009** [CHB14]. **Rcapture** [BR07]. **Rchoice** [Sar16]. **RcmdrPlugin.survival** [FC12]. **Rcpp** [EB18, EF11]. **RcppArmadillo** [ES14]. **RcppCNPY** [EW16]. **RCrawler** [KF17]. **Reach** [Ano99]. **Read** [EW16, Sta95b]. **Read-Write** [EW16]. **Ready** [VYD⁺12]. **Ready-to-Use** [VYD⁺12]. **REBayes** [KG17]. **Recapture** [BR07]. **Recipe** [SH17]. **Recipes** [LT19]. **recmap** [Pan18]. **record** [IEE93, IEE94]. **Recording** [BK17]. **Records** [SD18]. **Recovering** [PLR⁺16]. **Rectangular** [Pan18]. **reduce** [WPW15]. **Reduction** [AR14, Wei02]. **Reference** [R D11b, R D04, WML14]. **referenced** [FBC07]. **References** [Cur18, McL17]. **RefManageR** [McL17]. **Regimen** [WMS17]. **Region** [Bra14, HBNS14]. **region-level** [HBNS14]. **Regional** [LQC⁺12]. **Registration** [BLY18]. **Regression** [AB17a, AC04, Ano09b, Bar18, BFRP13, BdMM15, Bon18, BKL05, Car13, CGC11, CNZ10, Dal98, DLN17, DLC06, DM18, DPSH18, Far06, Far16, FM19, Gal17, GKZ16, Gou10, Gra07, GZP14, GKZ12, Har01, HM18, Hew05, KN05, KL14, KV13, Lei04, LM14b, LBC⁺16, LHA⁺15, Mar11, MW07, Mü16, O'B09b, RBHB15, She09, SS19a, Sta08, TFR16, TR14, TGJ17, UAK⁺15, VKVC15, WMS17, WLK08, Wan06, Wei02, WMR16, Woo98, XWHL15, ZLHK02, ZKJ08, ZQS16, dL09a, BH94, CCJMR16, Cox05, De 16, Fox02, H⁺96, HBPJ04, MPV12, Orm17, Par06b, PCAS09, RS08, Rit09, Ros09, SMHBR06, TKM16, VP16, Wei14, Grö16, Zie04, Cow03]. **Regression-Based** [WMS17]. **Regression/Item** [CGC11]. **regressions** [GL07]. **regRSM** [TKM16]. **Regularization** [Sch11]. **Regularized** [FHH17]. **Reisensburg** [DO94]. **Relational** [But08, MC97]. **relationships** [PSZ17]. **Relative** [DHM11, DM18, PP18]. **Relevant** [CGBN14]. **relevent** [MB15]. **Reliable** [AGM07]. **relsurv** [PP18]. **remBoot** [Car17]. **REML** [Yan95]. **rEMM** [HD10]. **Remote** [Gos11, ADN15]. **René** [Zie05]. **Repeated** [PCAS09]. **Replacement** [Han07a]. **Replication** [Mil15b]. **reported** [LB12b]. **reporttools** [Ruf09]. **Representation** [Hic16]. **Representations** [Lau18]. **Reproducibility** [BBGL17, BML19, Lan18]. **Reproducible** [LT16, SvdLN17, MR09, SNR18]. **Reproducibly** [MBM18]. **Resampling** [Har06, Pol09, Sco12, CH11a, Goo05, Goo13, HBNS14, Rom07, Tsa14a]. **Research** [Ano99, LT16, Mai14a, Rus15, Str10, Bee13, Cha15a, Hel15, LB12a, MR09, Vin10]. **researchers** [HBA19]. **Resistant** [Can04, Con03]. **Resonance** [CMS⁺11, TW11, WS11]. **Resource** [Din06, RG96]. **Response** [Arc10, Bon18, Cha12, CGC11, CO16, DBZ⁺11, Had10, HM18, IDE15, Joh07, KF14, Len09, MR12, MPM14, MTvdM15, Riz06, BBG14]. **Response-Surface** [Len09]. **Responses** [GSD12, KR13, LA19, LBC⁺16, MTvdM15, Tou15, ZC10]. **Restoring** [BK17]. **Results** [BK17, Alb15, Tan18, Tur18]. **Retention** [KSS⁺07]. **Rethinking** [Hew16, Rui17, McE16]. **returns** [FM18b]. **reversible** [GSB19]. **Review**

[Abr97, AA12, Agr16, Aji17, All11b, AC04, Ano03a, Ano03c, Ano03b, Ano06b, Ano06a, Ano08, Ano09a, Ano09b, Ano09c, Ano09d, Ano10, Ano12a, Ano12b, Ano16, Arg98, Arm19, Bai11, Bar02, Bar18, Bas18, Bat04, Bat08a, Bat08b, Bau14, Beb13, Ber10, Ber09, Boo10, Bos09, Bos10, Bow09, Bow10, Bra03, Bro07, Bro10, Buc09, Bul06, Bur07, Bur09, Bur10, BL11, Cam09, Cap19, Car10, Car16, Cha14a, Che11, Chi07, Cho15, Cho09, Cho20, Chr09, CH11b, Cow03, Cox05, Cur18, Dal98, Dav95, Daw03, Dem17, DN17, Dem18, Den98, Dia06, Dia18, Dic12, Doe06, Doe10, Dow17, Dre19, Dur14, Dur15, Eas03, Edd09c, Edd09a, Edd09b, Edd11, Edd12b, Edd12a, Edd18, Eme08, Esp15, Eva11, Eva14, Fer02, Few09, Fin10]. **Review** [Fin11, Fis06, Fle11, For20, Fot07, Fox05a, Fri12, Gal17, Gen98, Gil14, Gle16a, GL14, GR18, Gou05, Gou10, Grö11, Grö13, Grö15b, Grö15a, Grö16, Grö18a, Gro18c, Gro08, Gun06, Gut11, Hac17, Hæg12, Hal93, Han13b, Han13a, Han98, Har03, Har19, Has18, Hec07, Hel15, Hel16, Hel18, Hew05, Hil06, Hil10, Hly09, Hoe09, Hof15, Hor12c, Hou07, How11, How16a, How16b, Hu09, Hub11, Hüs18, IR12, Iac15, Jam96, Joh09, Jon13, KK99, Kau13, Kha16, Kha17, Kha18, Kim20, Kim95, Kin20, Kle17, Ko95b, Ko95a, Kos16, Krä20, Kuh10, Kum07, Kum10, Kus03, Lab12, Lal17, Lan17b, Law02, Laz11a, Laz11b, Leo10, Lep14, Lili1, Lig09, Liu15, Liu16a, Liu16b, Liu17, Liu18, Lor18, Lu18, Lud13, Lum01, Lum08, Lun02, Lun06, Lun07b, Luo09, Lüt11]. **Review** [Mac98, Mai06, Mai08, Mai09, Mai10, Mai11, Mai12, Mai14a, Mai14b, Mal13, Mal09, Man03, Mar11, Mar12, Mat13, Mat15, Mat16a, McN14, McN04, Mig10, Mil12, Mil10, MN03, Mil17a, Mil17b, Mor18, Mor03, Mor09, Mül16, Mun14b, Mur14, Mye09, Mye12b, Mye12a, Neu11, Neu12, Ng06, Ng09, Ng11, Nie11, Nie14, Nor08, Nor09, Nor14, Nor15, Num13, Nun20, O'B08, O'B09c, O'B09a, O'B09b, O'B10, O'B12b, O'B12a, O'B13, O'B14, Oli07, Oli10b, Oli10a, Oli17, Oom10, Orm17, Otn17, Pan15, Par15b, Par15a, Pav16, PG20, Pet02, Pet19, Pfa12, Pic09, Pie09, Plu01, Pod15, Pod18, Pol09, Pol11a, Pol11c, Pol13, Put06, Qia10a, Rao14, Ree09, Ree18, Ric11, Rie19, Rip11, Rob12, Rob13, Rob19, Rob05, Rob07, Rob09, Rob17]. **Review** [Ros09, Ros10b, Ros00, Rui16, Rui17, Rus15, SL09, Sab19, San10b, San10a, San11, Sán19, San03, SCD07, Sau10, Sau11, Sau12, Sch08, Sch09, Sco09, Sco10b, Sco10a, Sco11, Sco12, Sco13b, Sco13a, Sel17, Sen14, Sha11, Sha19, She11, Sis03, Smi06, Soe10, Sól10, Sta05, Sta07a, Sta07b, Ste11, Sto11, Str10, Suc07, Sun15, Sun16, Tat18, Til96, Tol03, Tsa14a, Tur12, Tus05, Unw11, Unw12b, Unw13b, Unw13a, Utl05, VM09b, VM09a, Veh13, Ven10, Vie11, VSS⁺17, Vis10, Voe09, Wan06, Wan16, Wic08b, Wic08a, WG10, Wil14a, Wil11a, Woo01, Woo11, Woo98, Yal10, Yu12, Zei16, Zha11, Zie98, Zie99, Zie00, Zie01c, Zie01b, Zie01a, Zie02a, Zie02b, Zie04, Zie05, dL05b, dL05a, dL06, dL09a, dL09c, dL09b, AC07, BRF⁺18]. **review** [Dav07, Har08, Har07, Lun07a, Tyl07, Vey14]. **Reviews** [Ano06c, Kel10, Hew16, Kos15, Lew16, Lha14, Pal15a, Sha16]. **RGCCTranslationUnit** [Lan09b]. **rgenoud** [MS11]. **RgoogleMaps** [LR15]. **RGtk2** [LL10]. **Rich** [AB12]. **Richard** [Fle11, For20, Rui17, Sco10b, Utl05]. **Richness** [SP05, Wan11]. **right** [Wil12]. **RinRuby** [DC09]. **Ripley** [Abr97, Arg98, Fer02, Jam96, Zie01b]. **RISE** [Wil18]. **Risk** [ABGF17, CNA16, DHM11, DM18, SZ11, Pfa13]. **Risk-Based** [ABGF17]. **RiskPortfolios** [ABGF17]. **Risks** [Mal13, dWFP11, BVFB19, BAS12, MN17]. **Ritz** [Ano09b, O'B09b]. **rjmcmc** [GSB19]. **RKward** [RFKM12]. **RLadyBug** [HF07]. **RMatlab** [VFV13]. **RMatlab-app2web**

[VfV13]. **rmcfs** [DK18]. **Rmixmod** [LIL⁺15]. **RNetLogo** [Thi14]. **Rob** [Krä20]. **Robert** [Gol11, Mai12, Neu11, Ng11, Nor14, Nun20, O'B09a, O'B13, Pol13, Rip11, Sau11, Sco10a, Sco13a, Voe09, Cha14a, Sch08]. **ROBETH** [MJR93]. **Robin** [Gle16a]. **Robinson** [Mye12a, Ng11, O'B09a, Sco11]. **RobPer** [TFR16]. **Robust** [AMYR16, BGH⁺17, H⁺09, JP06, KSS⁺07, KSBZ16, LH12, MJR93, TFR16, VW13, Wie04, ZFZ10, SHR97, Oli07, Tyl07, dL06]. **Robustbase** [Fin10]. **robustloggamma** [AMYR16]. **Roger** [HH14]. **Roland** [Lu18]. **Roll** [PLLC11]. **Root** [Lup09]. **rOpenSci** [BCHR15]. **Routine** [CKY14, RL15]. **Routines** [LM14b, MJR93, Mül13, ELS17, Lan95]. **Rouvière** [Unw13b]. **Row** [YH14]. **Row-column** [YH14]. **Rowman** [Aji17]. **rpanel** [BCAB07]. **rpartOrdinal** [Arc10]. **rpartScore** [GSD12]. **RProtoBuf** [ESO16]. **RRreg** [HM18]. **RSKC** [KSBZ16]. **rsm** [Len09]. **RSNNS** [BB12]. **rsppfp** [VV19]. **RStudio** [Grö15a, HK15, Rac12]. **rTensor** [LBW18]. **RTI** [SVM⁺17]. **rtimicropem** [SVM⁺17]. **Rubba** [Iac15, Sel17]. **Rubber** [Kur19]. **Rubio** [Hoe09]. **Ruby** [DC09]. **rucrdtw** [BS16]. **Ruey** [Lep14]. **Rule** [RBHB15]. **Rule-Based** [RBHB15]. **Run** [ZPC⁺16]. **runjags** [Den16]. **Running** [FK17, SLG05]. **Runtime** [KKL⁺15, LMY⁺11].

S [AC04, Ano99, Ano06a, Ano06c, Bar02, Bra03, Bur10, Cam09, Car16, Cow03, Cox05, Dal98, Dav95, Den98, Fin11, Fox05a, Han13a, Hew05, Hoe09, How16b, Kim95, Ko95b, Ko95a, Kra97, Law02, Lep14, Lill, Liu18, Lun06, Mac98, Mai10, Mar11, Mig10, Nun20, Pfa12, Plu01, Pol13, Rao14, Ros00, SCD07, Sch08, Sco13a, Sta05, Sta07b, Sta99, Sto11, Süs93, Til96, Utl05, Vis10, Woo01, Woo11, Woo98, Zie98, Zie01c, Zie01a, Zie02a, Zie02b, Zie04, dL05a, Cun12, Ano95b, Ano96, Ano97, Ano98, BC81, BC84a, BC84b, BC85a, BC85b, BCW88, Bec94, Beh04, Beh05, BH94, BA97, BG96, BHS00, But05, Cal95, Can04, CHT98, Car04, Cha86, CH93, Cha95, Cha98, Cha99, Con03, Cra02, CN97, The99, Dia05, Eve94, ERH01, Eve02, Eve05]. **S** [FGG⁺94, Fox02, Gen98, Ger94, GZ11, Gru95, Hal93, Här91, HH04, HC05, H⁺96, HBPJ04, KVCS98, KSC⁺00, Kon04, KO97, KO00, KM01, Kra05, Kuo03, Lan95, Las97, Lo 93, Lo 94, Lub91, Man03, MJR93, MC97, Mat85, Sta92a, Sta92b, Sta93a, Sta93c, Sta93g, Sta93e, Sta93h, Sta93j, Mat94, Mat98, Mil98, Mil00, MN01, Mil02, OS95, PB00, Pri05b, Röh00, RD92, RD93, SM05, SCK95, SA01, Sel98, SS92, SP05, Spe94, Sta93b, Sta93d, Sta93f, Sta93i, Sta93k, Sta95c, Sta95d, Sta95e, Sta95g, Sta95a, Sta95f, Ste00, SHR97, Süs93, VR94, VR97, VR99, VR00a, VR00b, VR02, WLK08, Wie04, Yan95, YWL02, ZW03, Ziv05, Abr97, Ano03a, Ano03c, Ano03b, Ano06d, Arg98, Bar02, Bra03, Bro07, Bur07, Dav95, Daw03, Dia06, Eas03]. **S** [Fer02, Fis06, Fot07, Han98, Har03, Jam96, Kim95, Ko95b, Ko95a, Kum07, Kus03, Law02, Lum01, Mac98, McN04, MN03, Mor03, Pet02, Sis03, Til96, Tol03, Woo01, Zie98, Zie99, Zie00, Zie01c, Zie01b, Zie01a, Zie02a, Zie02b, Zie05, KK99, Lun02]. **S-language** [Röh00]. **S-PLUS** [AC04, Ano99, Cow03, Hew05, Pol09, SCD07, Sta99, Süs93, Utl05, Woo98, Zie04, dL05a, Ano06c, Cox05, Dal98, Den98, Fox05a, Kra97, Ros00, Ano95b, Ano97, Ano98, Beh04, Beh05, BH94, But05, Can04, Car04, Cha99, Con03, Eve94, ERH01, Eve02, Eve05, FGG⁺94, Gen98, Ger94, GZ11, Goo05, Gru95, Hal93, Har06, HC05, H⁺96, HBPJ04, Kon04, Kuo03, Lan95, MJR93, MC97, Mat85, Sta92a, Sta92b, Sta93a, Sta93c, Sta93g, Sta93e, Sta93h, Sta93j, Mat94, Mil98, Mil02, PB00, SM05, SP05, Sta93b, Sta93d, Sta93f, Sta93i, Sta93k, Sta95c, Sta95d, Sta95e,

Sta95g, Sta95f, SHR97, VR94, VR99, VR00a, Ano96, BA97, BG96, BHS00, Cra02, CN97, Dia05, Fox02, KO97, KO00, KM01, Kra05, Las97, Lo 93, Lo 94, Man03, Mat98, Mil00].
S-Plus [MN01, OS95, Pri05b, Rom07, RD92, RD93, SCK95, Sel98, Spe94, Sta95a, VR97, Wie04, ZW03, Ziv05, HH04, SA01, Yan95, YWL02, Abr97, Ano03c, Ano06d, Arg98, Bar02, Bro07, Daw03, Eas03, Fer02, Fis06, Fot07, Han98, Jam96, Kum07, Kus03, Lum01, Mac98, Sis03, Zie98, Zie01c, Zie01b, Zie01a, Zie02a, Zie02b, Zie05, Ano03b, Bra03, Bur07, Dav95, Dia06, Har03, Kim95, Ko95b, Ko95a, Law02, McN04, MN03, Mor03, Pet02, Til96, Tol03, Woo01, Zie99, Zie00, KK99, Lun02].
S-Plus(R) [Lun06, Ano03a]. **S**. [Car10, Doe06, Doe10, Fin11, Joh09, Zha11].
S4 [KSHZ04, KR10]. **SAEM** [CLL17].
saemix [CLL17]. **Salmaso** [Ber10, Ros10b].
Sample [LQC⁺12, MVS13, PLRC10, Sta08, WMR16, WM18]. **Sampler** [MHJS16].
Sampling [Bar14, CC11, GKZ16, Han07a, Kie08, Laz11a, PG15, VSV09, ST10].
SamplingStrata [Bar14]. **Sandboxing** [Oom13]. **sanon** [KK15]. **Sarkar** [Kuh10, Nor08]. **SAS** [Ano08, Ano09c, GL14, Hu09, Kel10, Lum08, Mai12, O'B08, Oli17, Ree09, Rob09, Sau11, Voe09, BVFB19, BMGT15, Cha08b, HH04, KH10, Liu17, Mue09, Pri05b, Rec10, SMHBR06, SC07, Tae14, TR14, TPAM07, Wei12, Utl05, Oom10, Ste11, Tur12].
Satellite [MCAP19]. **Saunders** [BPL09].
SAVE [PPGD15]. **Saveliev** [Oli10a, Sch09].
Sawitzki [Mil12, Boo10]. **Say** [The99].
Scalable [CQ95, LM14a, NL12]. **Scale** [CB17, CFHBK11, Gra16, SR07, vdA07, vdA12, SNR18, ZMV⁺18]. **Scales** [PLR⁺16].
Scaling [KM08, MdL10, PLLC11, ÜKD09, dLM09a, dLM09b]. **Scatterplot3d** [LM03].
Schemes [TDRD15]. **Schloss** [DO94].
Schumacker [Mor03]. **Science** [BB18, Blo14, Cap19, Cha15b, Dow17, Dur15, DGP08, Edd18, Kos15, Liu18, Mat16b, Mil17a, Mil17b, Rao14, Rie19, SO13, Str10, All86, BKH17, Hor09, Mil15a, Pie15, Sán19, Vin10, WG17, ZM14, HBA19, RL15].
Sciences [All86, DK09, Mun14b, SVMMP17, Gua13, NL14]. **Scientific** [DN17, HI97, Hil10, Ng11, O'B09a, Sco11, JMR14, Kut13, OJMR09]. **Scientist** [Grö18a]. **scientists** [Ohr14]. **Score** [Alb16, ABC19, HP09, Sek11, dSJdSF14, PCAS09].
scores [Gas18]. **Scraping** [Iac15, Mun14a, Sel17, KF17]. **Screening** [SF18]. **Scriptics** [Ano99]. **scripting** [LMY⁺11]. **Scutari** [Tat18]. **sdcMicro** [TKM15]. **SDD** [BDMP15]. **Seamless** [EF11, PFT⁺12]. **Search** [ALE10, ARC04, BS16]. **Searching** [GFC12]. **Seasonal** [KMTS14, SE18].
SEATS [SE18]. **Seattle** [IEE94]. **Sébastien** [Mai11]. **Second** [Dur14, Hac17, Has18, Mai12, Unw12b, VM09b, AC04, Gil14, Orm17, Tsa14a].
Security [KSC⁺00, Oom13]. **Segmentation** [BLY18, TNM17]. **Segmented** [Mug10].
Select [CC08a]. **Selecting** [LRRÁCSGS14, Wil12]. **Selection** [CdM10, DK18, HPWdL15, HMS16, LAF⁺17, LBC⁺16, ND12, Sch11, SR18, TMW18, WF12, WMR16, Kom09, MUM16, PFT⁺12, WM18, XLX⁺19]. **Selectiongain** [MUM16]. **Selvin** [Zie00]. **Semi** [Cul11, JHQ⁺11, KL14, KSP15, LIL⁺15, OH11, SP14a, BBN10]. **Semi-** [JHQ⁺11, SP14a]. **Semi-Markov** [KSP15, BBN10]. **Semi-Parametric** [Cul11, KL14]. **Semi-Supervised** [Cul11, LIL⁺15]. **SemiMarkov** [KSP15].
Semiparametric [Bur12, Gra07]. **SemiParSampleSel** [WMR16]. **Sen** [Doe10]. **Sensing** [Gos11]. **Sensitivity** [GT10, SP10]. **September** [Bia94].
seqHMM [HH19]. **seqtest** [Yan17]. **Sequence** [HH19, MB15, VV16, TNM17]. **Sequences** [GRMS11, GR16, Mel16, OH11].

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[Bro10]

[Bro12]

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