A Complete Bibliography of Publications in *Journal of Open Research Software*

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/  
13 June 2023  
Version 1.02

**Title word cross-reference**


-D [WAH+16]. -dimensional [Han22]. -gram [vGvdB16]. -Tests [Kel20].

3 [LD19, MOM21]. 3.0 [NMA+18]. 3D [BR21].


Brightness [SS18]. BST [ME14]. Build [PGR20]. Building [BCHR15, Tau18].


Chromatography [Meu16]. CIT [Luk21]. Citation [Kat14]. Classification
[BHF16, ZO16]. Classifiers [HR17].
Classifying [Kib16]. Client [HG23].
Client/Server [HG23]. Climate
[Daw16a, HKGvS21]. Climatological
[PdV21]. Cluster [Fe21]. Clustering
[LW20]. CMakeCatchTemplate [DAT+21].
Coarse [dBHD17]. Coarse-grained
[dBHD17]. Code
[BC17, DV14, Kim17, TCH14, SMG19].
Codes [DBB+14]. Coding
[ASL13, Gri18, Pas16]. Codon [RSR23].
Coefficients [Law17]. Coherence
[NS20]. Colibri [vGvdB16]. Collection
[ST15]. collections [FFP14]. Collective [SMG19].
Colloids [dBHD17]. Comfort
[HH20, HH20]. Commitment [CKDG20].
Commitment/Economic [CKDG20].
Common [MBA19]. Communication
[RD22]. Community [BCHR15, CB16a, DLR+15, SM+20, WKD+19, ZZF+14].
Commuting [Kim17, WS15, Kim17]. Comparing
[LW20]. Comparison [Han21].
Compartmental [FSBK18]. Complex
[FS19, LV13, SC20]. COMPLEX-IT
[SC20]. Component [WL13].
Comprehensive [SBS+18]. Compressive
[OPA+14]. Computation
[Coe17, DB15, Wan19]. Computational
[GPP+14, OL17, SM14b, FSV+13].
Computations [CE19, Daw16b, NHL+22].
Compute [Fe21]. computed [NHL+22].
Computer [Gri18, Coe13, WH22].
Computer-Assisted [Gri18].
Computerized [ME14]. Computing
[RWE+20]. Concatenating [Sch21].
Concealed [Luk21]. Concerns [Kat14].
Concurrent [GPP+14, SPG+15].
Conditions [LFD+22]. Conducting
[LAB+14]. ConfBuster [BL18].
Configuration [Ned17]. Conformational
[BL18]. ConIII [LD19]. Connected
[WL13]. Constrained [CKDG20].
Consumption [LPG+18]. Container
[SM+20]. Context [LAB+14].
Continuous [GPP+14, Gir14, SPG+15].
Contributions [CB16a, EA17]. Control
[Gar19, HWX+16, WAH+16]. Convenient
[LD19]. Converting [XXX16].
Coordinates [DB15]. Copy [VLPV19].
Core [vGvdB16]. Correction
[Han21, IKKC16]. Corrections [PAT22].
Correlation [LS21]. Counting
[AMG21, CNS+21]. Cover
[CLW19, KFV20, VLC+18]. CowLog
[Pas16]. Creating [AS15, MYM21].
Creation [Grö20]. Credible [DF21].
Credit [Kat14, KS15]. Cross
[FS16, LS21, MYM21, NS20, Pas16]. Cross-
[LS21]. Cross-Platform
[FS16, NS20, Pas16]. Cross-Tabulations
[MYM21]. CSVDataMerge [Sch21].
CUDA [AC17]. Culture [CHI17, FFP14].
CURSAT [Gen20]. Curves
[Gen20, WVTGG21]. Custom [BW16].
D [DB17, DB15, ML16, WAH+16]. Data
[AL16, Arg15, AMB19, BLDC+19, BW16, CZZ19, Daw16a, DVS20, ES21, Far16, FLS+20, FSBK18, FS16, Gen20, GPKL+20, GDP18, HW19, HC16, HFM+21, HGS21, HWX+16, HMB23, JCL+20, Juc14, KKV+20, Kib16, KHD+16, LAB+14, ML16, MRX14, Moo21, PGR20, PBF+16, PL20, PM17, Rab20, RG21, RML17, Sch21, Sch17, SR20, SMG19, SZP15, Wag17, Wan19, WTLB19, WL20, ZO16, FSV+13, JAGP14, PFLG21, SSB19, Han22]. Database
[NHL+22]. Databases [SM+20].
DataDeps.jl [WTLB19]. DataExplore
[Far16]. Datasets [HH17, MS14, PdV21].
Decadal [IKOC14, IKKC16]. Decay
[WVTGG21]. Decision [HGH20, SMG19].
Decision-Making [SMG19].
Deconvolution [Rab20, WVTGG21].
Define [SMC+22]. Defocusing [BR21].
Defocusing-based [BR21].
DefocusTracker [BR21]. Degrees [EBS17].
Demeter [VLC+18]. Deployment [Luk21].
[DAF+20]. Fermat [BG15]. Fidimag
BCOP+18]. Field
Daw16b, HS18, WKD+19]. Fields
Liu17, WKCI9, dBHD17]. Figure [CC20].
File [Ned17]. Files [CFC+17, Sch21]. Filter
BHF16]. Finding [BG15]. Finite
BCOP+18]. Fire [AV19]. First [KCL+14].
Flagging [HWW+16]. Flexgram
vGvdB16]. Flexible [PGR20]. Flight
EBS17]. Flow [DB17, KLC21, Liu17, LS21,
Men16, MOM21, RDB21]. Flowtracks
[ML16]. Fluid [AMB19, Men16]. FluidDyn
[AMB19]. FluidFFT [MBA19]. FluidSim
[MLB19]. fMRI [Han21, WL20]. Force
OPA+14]. Forecasting [HKGvS21, MR21].
Forecasts [Kra16]. Forests [OKVK17].
FORMatted [PAT22]. Fortran [AC17].
Forward [PMM15]. Fourier
[MA19, DB15, NS20]. Fourier-Domain
[NS20]. Fourteen [Bro14]. Fourth
[KNG+18]. Framework
AMB19, FLS+20, GPP+14, HG23, Han22,
HR17, JCL+20, KILE+21, KP14, KCH+16,
PKB19, SBS+18, SPG+15, SMC+22, Tau18,
UR19, VLG+14, VHT+19, VBAF16].
Frameworks [DV14]. Free
FS16, KILE+21, Sch21, WAH+16].
Freedom [EBS17]. Freshwater [SA20].
Freva [KILE+21]. friendly [TS14]. Full
[SS18]. Function [Sar17, TCD+22]. Future
[DBB+14, VZR+18].
Gage [RML17]. GAIL [TCD+22].
Ganglion [CNS+21]. Gas [Men16]. GCAM
[BLDC+19]. gcdata [BLDC+19].
gcamdata [LCW19]. Geiger [PDN18].
Genefer [BG15]. General [Far16].
Generalized [BG15, JNR17]. Generate
[DSV20, Gen20]. Generating [Kra16].
Generation [DAF+20]. Generator
[Ned17, Jay21]. Generic
MRX14, MYM21, Gil17]. GENESIS
Gil17]. Genome [OI16]. Genome-Wide
[OI16]. Geochemical [RG21]. Geospatial
KHD+16, VZR+18]. Geotagging [Kib16].
GIFT [SGPD+17]. GIFT-Grab
[SGPD+17]. Giles [DPL17]. GIS [Kib16].
GitHub [SPG+15]. Global [Daw16b,
DVS20, LVH+17, LVH+18, VHT+19].
Glyph [QGA19]. GNU [Rab20]. Go
[BZSH21]. Grab [SGPD+17]. grained
dBH17]. gram [vGvdB16]. Graph
RD22]. Graphic [Haz14]. Graphical
[SM20]. Grid [HB17, SR20]. Gridsampler
[HB17]. Guaranteed [TCD+22]. Guided
[Rab20]. GuiTeNet [SM20].
Habitat [Kib16]. Hand [FHR21].
Hand-Over [FHR21]. HANDE [SBV+15].
Handling [RDB21]. Hankel [BC17].
Harmonics [Daw16b]. Harmonize
[KWV+20]. Harnessing [VEV+19]. Heart
[CRL21, vGvNvA19]. Heat [VEV+19].
HELM [MOM21]. HELMpy [MOM21].
Heterogeneous [PDV21]. Hierarchical
[ES21]. High [Daw16b, GPKL+20, Mat18,
MBA19, RWE+20, RaB20]. High-Level
[Daw16b, Mat18]. High-Performance
[MBA19]. High-Precision [GPKL+20].
Hindcast [IKOC14, IKKC16]. HIPPSO
[Rab20]. Historical [DVS20, OHM14].
Holomorphic [MOM21]. Homogeneity
[HMB23]. Homology [FW18]. Host
[RSR23]. HPC
[CC+14, DBB+14, MBA19]. HTML5
[MA13]. Hub [WKD+19]. Human
BLDC+19, Sto16, WH22].
Human-computer [WH22]. HydroCloud
[RML17]. Hydrodynamics [dBHD17].
Hydrologic [LVH+17, VHT+19].
Hydropower [WLA19].
Ideal [LFD+22]. JIBlob [WL13]. Image
[DM16, Haz14, HR17, Law17, LS21, MS14,
Mar16, GMGP16, OKV17, TS14, TS21,
Haz14]. ImageJ [CNS+21, DM16, HH15,
OKV17, WL13, ZO16]. Images
[Cre22, Han21, Liu17, OPA+14].
Matrix [XXX16]. Matrix [Z016].
Matrices [XXX16], Matrix [Z016].
Maximum [LD19], Means [Kat14].
Measure [AV19, DM16], Measuring [VLPV19].
MECCA [AC17]. Media [Gir14]. Mediation [FCY20, YL17].
Mediators [YL17], MEDINA [AC17].
Memory [ST15]. Men [VLG +14].
Mentorship [TCH14]. MERLIN [Arg15].
Mesh [DAF +20]. MESHER [DAF +20].
message [GRZ13]. Meta [Han21].
Meta-Analysis [Han21]. Metadata [PBF +16].
Methods [GOB16]. Metis [KWW +20].
Micromagnetic [BCOP +18]. Micromagnetics [VBAF16].
Microorganisms [MGMP16]. Microscopy [MS14, OPA +14], ZO16.
MINRES [Cho14]. MINRES-QLP [Cho14]. MiToBo [MGMP16].
mixchar [WVTTG21]. ML [PDR +17]. ML-Ask [PDR +17].
mma [YL17]. Mode [PDN18].
Model [BLDC +19]. CKDG20, EML21, HH20, LVH +17, LD19, LLF +22, Rab20, Sto16, Tau18, VZR +18, VCA +18, WLA19.
Modelling [CLW19, FS19, Gili17, MR21, PDN18, SC20, SMT +21, vGvdB16].
Models [LD19, RBB +19, UR19]. Modular [BR21, LR17, HH20, HFM +21, HYG16, MBLA19].
Moira [DVS20]. Moisture [BGB +19].
MongoDB [HW19]. Monitoring [LPG +18, MA13].
Monte [SBV +15]. Monte [SPG +15].
Moos [DLA +16]. Motion [WAH +16].
multi-channel [SGPHD +17].
Multi-Dimensional [Han19].
Multidimensional [SR20, FSV +13].
Multilayers [DLA +16]. Multilingual [VLPV19].
Multiphysics [DV14, HFM +21].
Multiple [FCY20, Han21, Wag17, YL17, PAT22].
Multiprocessing [Han21]. Multivariate [SR20].
MurCSS [IKOC14, IKK16].
MWA [HYG16]. Myex [Jon18].
nanoHUB.org [ZZF +14]. Nansat [KHD +16].
Navigating [CFC +17]. nd [Han22].
Network [CKDG20]. HW19, LR17, LFD +22, RD22.
Network-Constrained [CKDG20].
Networking [MHE +18]. Networks [EA17].
OK20, SM20, GRZ213. Neural [EA17].
HR17. NeuroCharter [EA17].
Non-Ideal [LFD +22]. North [ES21].
Novelty [MS14]. Novonix [GPKL +20]. npFEM [KLC21].
Numerical [DLA +16], GOB19. Numerous [ZM14].
OACoder [ASL13]. Object [MBL19].
Object-Oriented [MBL19]. Objective [HGHR20].
Observation [Gri18]. Han22. ObsPy [TLR21]. Ocean [RBB +19].
Oceanographic [Daw16a, RBB +19]. OCR [DPL17].
OCT [NS20]. Octave [DLA +16], Rab20, SS18, SM14a.
Octave/Matlab [DLA +16].
Octave/MATLAB(R) [SS18].
Oemof.tabular [HGS21]. Off [vGFvNvA19].
Off-the-Shelf [vGFvNvA19].
OLR [HKGvS21]. OLR-Based [HKGvS21].
OMI [HKGvS21]. Online [CC20].

OpticalOrientation [MBLA19].

Optimizer [EML21, Meu16, Raß20, SdSS16, TCD+22].

Organ [HW19]. Orientated [KHD+16].

Oriented [MBLA19]. Orthogonal [Grö20].

Oscillation [HKGvS21]. osmfilter [PL20].

Outlier [HWX+16]. OutlierFlag [HWX+16]. Output [FLMR16b, FSBK18, Sta21].


Pixel-Based [OKVK17]. Planes [RDBC23]. Platform [BZSH21, FSBK18, FS16, NS20, Pas16, SC20].


Preconfig [Ned17]. Predictive [Kral16].


Procurement [HW19]. Produced

Sample [HB17, Kel20, FPF14], Sampling [JNR17, OPA+14], Sandbox [FS19].
Sandboxing [WH22], SAS [FCY20, MYM21], Scaffolds [HH15].
Scalar [WK19], Scale [CZDG20, DV14].
Scalrs [DVS20, KVW+20], ScatterJn [ZO16], Scatterplot [ZO16].
Scatterplot-Matrix [ZO16], Scenario [SC20], Schemes [BH16].
Scientific [BL14, Cho14, CB16a, CB16b, DLR+15, GOB16, HWX+16, Juc14, SBV+15, SZP15, TCH14, VHT+19, ZZF+14, JAGP14, Pet14].
Scientist [BL14, KHD+16], Scientific-Orientated [KHD+16], Scientists [RG21], Scikit [HLR15].
SciKit-spectra [HLR15], Scoping [WH22].
Screeening [WLA19], scriptable [Coe13], Scripts [HW19], Search [BVL18].
Second [Han21, KCWD+16], Second-Level [Han21], Sedentary [KHD+16].
Sediment [WLA19], Sedimentological [RG21].
SedSim [WLA19], SeFo [Kra16].
Segmentation [OKV17], Segmentations [Law17], Segmented [DAF+20], Seismic [TLR21].
Self [LPG+18], Self-Reporting [LPG+18], SEMAT [GA13].
Sensing [Cre22], sensitive [Wag17], Sensors [BBG+19, vGFvNvA19].
Sequence [Han16].
Series [CRL+19, FLMR16b, HM23].
Server [HG23, PdV21], Setting [AV19].
Setup [WTLB19], Seven [ST15], Shape [ME14, WL13], Shaped [RDD12].
Shapefiles [Kib16], Shelf [vGFvNvA19].
Shift [RD22], Short [TCH14], Short-term [TCH14].
Signal [CRL21, DS16], Similarity [Law17], SimOutUtil [FLMR16b].
Simple [Gen20, Pdn18, Sch21, CNS+21].
Simplifying [CCH+14], Simulation [BCOP+18, CZZ19, DBB+14, FLMR16b, HB17, KLC21, LBA14, SC20, UR19, VBAF16, WLA19, GIl17].
Simulations [AMB19, MLB19, OK20, dBH17].
Simulator [EBS17, NL13, Pdn18, TDX+20, Hl20].
Single [BR21], Single-Camera [BR21].
Sites [WH22], Six [EBS17].
Six-Degrees-of-Freedom [EBS17], Size [HB17, Kel20].
Skills [VLPV19], Skipgram [vGvdB16].
Slicer [RDD12], Small [CB16b].
SmaRT [Luk21], SmaRT-CIT [Luk21], Smartphone [Luk21], SmOS [SS18].
Smurf [MR21], SnappySonic [TDX+20].
Social [Kat14, SC20, SA20].
Social-Ecological [SA20], Software [AS15, AMG21, BL14, BCHR15, Cho14, Coe17, CCH+14, CB16a, CB16b, DLR+15, DV14, DBB+14, EA17, FLMR16a, FHRS21, Gir14, Gre18, Hl20, KCL+14, KCWD+16, KCN+16, KNG+18, KDH+19, Kib16, KLC21, LMOB+22, LVSF16, Lw17, LPG+18, LAB+14, LBA14, MS14, ML16, MRX14, ME14, OHM14, PAT22, PDR+17, SdSS16, SMC+22, SBV+15, SMG19, Sto16, SM14b, TCH14, UR19, VLG+14, Wan19, WAH+16, WL20, ZZF+14, vGFvNvA19, Coe13, FSV+13, GA13, JAGP14, LV13].
Soil [BGB+19], Solution [HS18], Solve [DB17].
Solvers [MOM21], Solving [LD19, RN17].
SomaLogic [CFC+17], Source [AMG21, ADb19, BVL18, EML21, Gri18, HS18, HYG16, LPG+18, Liu17, Ls21, LO16, MOM21, Mool1, PAT22, PDR+17, SA20, SBV+15, Sto16, TCD+22, TCH14, Wan19, AC17, Coe13, FSV+13, SM14a, WAH+16].
source-to-source [AC17], Spacing [NHL+22], Spatial [KwV+20, LVH+18, SR20].
Spatially [ZO16], Specification [Moo21], spectra [HLR15].
Spectra [Rab20].
Spectroscopic [FS16, Rab20].
Spectroscopy [HLR15].


REFERENCES


REFERENCES

Berrada:2022:RAA

Barbeau:2018:PCO

Bryan:2016:PWW

Barry:2021:GLE

Crusoe:2016:CCC

Crusoe:2016:WTA
Cheung:2020:FOW


Cohen:2014:SDU


Carlsson:2019:TJT


Cheung:2017:WTN


Crick:2017:RRS


Choi:2014:PMQ


Chowdhury:2020:PNC


Calvin:2019:GVR


Cross:2021:SRI


Clerx:2019:PIN


Clerx:2019:PIN


Coelho:2013:PMO


Coelho:2017:PJS

Michael Clerx, Martin Robinson, Ben Lambert, Chon Lok Lei, Sanmitra Ghosh, Gary R.

Champseix:2021:PPH


Christ:2023:PJU


Chen:2019:PPL


Dowrick:2020:MSF


Dowrick:2021:CCT


Dawson:2016:PEL

Andrew Dawson. eofs: A library for EOF analysis of

*Dawson:2016:PWH*


*Dovlo:2015:TCF*


*Diem:2017:PVP*


*Dubey:2014:SAM*


*deBuyl:2017:PRS*


*Dunbar:2021:BPP*

M. Bekker-Nielsen Dunbar and Thomas J. R. Finnie. *bayesint*: a Python package for calculating Bayesian

**Defrance:2016:PMN**

[DLMa16]


**Downs:2015:CRS**

[DLR15]


**Daerr:2016:PPI**

[DM16]


**Damerow:2017:GES**

[DPL17]


**Demski:2016:PEK**

[DS16]


**Dubey:2014:ESE**

[DV14]

Anshu Dubey and Brian

---

DiVittorio:2020:MVD


---

Elnesr:2017:PNN


---

Eerland:2017:PTP


---

Eerland:2017:CRS


---

Emsley:2019:PT

Edhlund:2021:POO


Edwards:2021:BRP


Farrell:2016:PDA


Fisher:2020:USM


Ferrari:2021:CRP


Fehr:2021:SRS


Fachada:2016:PTS


Fomel:2013:PMO


Fenn:2018:QBH


Graziotin:2013:WBM


GarciadelCastilloyLopez:2019:MN


Grady:2018:PPP


Gentile:2020:CVS

REFERENCES


[Gri18] William Griffin. pyObs: Open-source software for computer-
REFERENCES


Gromping:2020:DMR


Gebbie-Rayet:2016:PLL


Han:2021:BIB


Hansen:2022:NFA

REFERENCES

Hazra:2014:PIE

Hec kmann:2017:PGS

Helmus:2016:PAR

Herring:2021:PMD

Hagdorn:2023:TCS

Hadjimichael:2020:RPL
REFERENCES


Hussain:2023:PPP


Henderson:2017:PPM


Heck:2018:DOS


Hughes:2014:PPI


Harvey:2019:TPS


Huang:2016:POT


Hewitt:2016:MWA

Brett Hewitt, Moi Hoon Yap,

**Illing:2016:CPM**


**Illic:2014:PMT**


**Jacobs:2014:PPP**


**Jelinek:2021:RTL**

Ales Jelinek, Adam Ligocki, and Ludek Zalud. Robotic

**Jayasena:2021:RTL**


**Jackson:2020:PPD**


Jacobsen:2017:GSJ


Jones:2018:PMM


Jucker:2014:SVA


Katz:2014:SFW

Daniel Katz, Sou-Cheng Choi,


Riko Kelter. *bayest*: an R package for effect-size targeted Bayesian two-sample t-tests. *Journal of Open Research Soft-
Kaiser:2020:JPP

Korosov:2016:PNS

Kibele:2016:BPS

Kadow:2021:IFF

Kimbrough:2017:PA


Lenhardt:2014:DML


Lawton:2017:DSD


Liu:2017:POO


Loeffler:2014:PCI


Law:2017:ISC


Lima:2022:UUN

REFERENCES


[LV13] Laura Luyten and Frederik Van Cappellen. ExpTimer:

Li:2017:PXG


Li:2018:PTP


Marciusk:2013:PUE


Markussen:2016:PPC


Lavielle:2020:ECU


Lansley:2016:PCI

REFERENCES

Matter:2018:PRH


Mohanan:2019:FCA


Mohanan:2019:FMO


Meurers:2016:FRL


Moller:2016:MTI

Michelson:2018:BAW


Meller:2016:PDM


Molina:2021:HOS


Moore:2021:AWB


Mirouze:2021:SSM


Moore:2014:EGD

Manning:2014:PCS

Muthusi:2021:SGS

Nedelec:2017:PPV

Nguy:2022:MCT

Nikolic:2013:DPT

Nygaard:2018:PBT
REFERENCES


Oxvig:2014:PMP


Pastell:2016:CCP


Petrov:2022:OSM


Pavesi:2016:ETD


Petticrew:2018:SMC


Ptaszynski:2017:PMA

Plieger:2021:ASI

Peters:2014:PAE

Piasini:2021:EPP

PGR20

PKB19

PL20
Posch:2017:PAA


Pierce:2015:PIP


Quade:2019:GSR


Rabe:2020:SMG


Rass:2020:HPP


Radtke:2019:VWB


Rosjat:2022:DDS

[RD22] Nils Rosjat and Silvia Daun. DST (Dynamic Synchronization...

**Ravasio:2021:OOO**


**Ravasio:2021:OOO**


**Ravasio:2021:OOO**


**Ravasio:2021:OOO**


**Ravasio:2021:OOO**

REFERENCES


Schoeffler:2018:WCF


Spencer:2015:OSD


Schimpf:2020:CIC


Schwabe:2017:PBR


Schmidt:2021:CSF


Siqueira:2016:PPP

Shakir:2017:PGG


Silva:2014:OST


Stodden:2014:BPC


Sahlmann:2020:GGU


Sochat:2022:RSE


Stieg:2019:CSS

REFERENCES


[TCD+22] Xin Tong, Sou-Cheng T. Choi, Yuhuan Ding, Fred J. Hick-


Usher:2019:SFI  

Vousden:2016:VMF  

vandenBerg:2019:OTP  

Varner:2019:WPP  

vanGent:2019:AND  

vanGompel:2016:EGS  


Daniel A. Wagenaar. *VScope* — data acquisition and analysis for voltage-sensitive dye


Wagner:2013:PII


Williams:2020:PSP


Wild:2019:SRB


Wright:2015:PDP


White:2019:DJR


Windecker:2021:MRP


