Various Programs

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Overview

Tools for *calculations*, *bootstrapping* and *permutation tests*, also for *practice* purposes when learning programming languages (C, Basic, Fortran etc.), see e.g. Halvorson and Rygmyr (1991), Chivers and Sleightholme (2018), Joyce (2019), Streib (2020) or Gonzalez-Morris and Horton (2024):

i. Tools, also for practice purposes:

FAC, *IINORMAL*, *LD*, *MC1*, *MCDAT*, *MCSPS*, *MO*, *PROBE*, *PSX* (c.f. Schrausser, 2023a), *RAN*, *RECHTECK*, *RN*, *SHIFT*, *T*, *Z*, *ZP*, *CWNDW*, *TAGE*, *ascii_1*, *asciicode*, *asciicode_1*, *sigma01*, *sigma02sim*.

ii. Mathematics:

Potenzen, *decconv*, *Nl*, *winkel*, *fx_euler*, *sinus_sum*, *kugeloberflaeche*, *kugelraum_1*, *kugelvolumen*, *kugelvolumen_n1*, *kugelvolumen_n2*, *tetra1*, *tetra_alg1*, *tetra_alg2*, *tetra_h*, *tetra_h1*, *tetra_o*, *tetra_s*, *tetrah*, *tetrah1*, *tetrao*, *tetrao1*, *tetrav*, *tetrav1*, *z00*, *z001*.

iii. Bootstrapping and permutation tests:

PITMAN, *STAT-SAK*[1] (s. Dallal, 1986, 1988), *BOOTSTRA*, *GROUPFUN*, *KSBLKS*, *KSMIN*, *RANDPERM*, *RPM*, *PERMT4* (c.f. Schrausser, 2025a, b, res.).

iv. Utilities etc.:

CAD, *CUT*, *DICE* (see Schrausser, 2023b, c), *GAME*, *GRAPH*, *TXWND*, *GR_0041*, *rotation_004*, *rndn*, *rnd2*, *GSW*, *Graph*, *Mondphasen_021c*, *Mondrotation_01*, *colorscreen*.

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