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tfavgstd

- **Description**

Computes the standard-deviation from the mean (**.avg.tf**) and the mean of squares (**.avg2.tf**) obtained from **tfavg** ^[1] (output in TF file format).

- **Usage**

tfavgstd

This program uses an interactive input. The questions are as follows (questions (program) are italic, answers (user) are bold):

Input file name (with extension) for mean (.avg.tf):

myfile.avg.tf

Input file name (with extension) for mean of squares (.avg2.tf):

myfile.avg2.tf

Confidence intervals yes(1)/no(0) : (1/0)

0

0 : no confidence interval generation

1 : creates confidence interval files for lower and upper limits

If confidence interval :

*alpha (to compute mean +/- alpha*std) =*

1

Output file name (with extension) (standard deviation in a .tf file):

myfile.sd.tf

If confidence interval :

Output file name (confidence interval upper limit in a .tf file):

myfile.up.sd.tf

If confidence interval :

Output file name (with extension) (confidence interval lower limit in a .tf file):

myfile.lo.sd.tf

- **Fields of parameter file and example**

- **Examples**

- **Comments**

- **Current version**

1.01 14-03-2011

- **History**

- 1.00 01-08-2001 (OB/CTB/PEA) : 1st documented version.
- 1.01 14-03-2011 (PEA) : updates to use cmake and free release of Elan.

- **Files**

\$ELANPATH/bin/tfavgstd

- **See also**

tfavg ^[1]

Lyon Neuroscience Research Center - Brain Dynamic and Cognition team

CRNL



Source URL: <http://elan.lyon.inserm.fr/?q=tfavgstd>

Links:

[1] <http://elan.lyon.inserm.fr/?q=tfavg>