Table S2 Basic structure of inputs and outputs of functions in stats_cal module in

 NeuroRA. The variable definitions are shown in Table S3.

stats()

- to conduct the statistical analysis for results of EEG-like data

shape of input data:	shape of output data:
[n_subs, n_chls, n_ts, 2 ^b]	[n_cons, n_cons]

stats_fmri()

- to conduct the statistical analysis for results of fMRI data (searchlight)

shape of input data:	shape of output data:
[n_subs, n_chls, n_ts, 2 ^b]	[n_cons, n_cons]

stats_iscfmri()

- to conduct the statistical analysis for results of fMRI data (ISC searchlight)

shape of input data:	shape of output data:
[n_ts, n_subs!/(2!×(n_subs-2)!), n_x,	$[n_{ts}, n_{x}, n_{y}, n_{z}, 2^{b}]$
$n_y, n_z, 2^b$]	

stats_stps()

- to conduct the statistical	analysis for resu	ults of EEG-like data	a (for STPS)
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shape of input data:
corrs1: [n_subs, n_chls, n_ts]
corrs2: [n_subs, n_chls, n_ts]

shape of output data: [*n_chls*, *n_ts*, 2^b]

stats_stpsfmri()

- to conduct the statistical analysis for results of fMRI data (searchlight)

shape of input data: corrs1: [n_subs, n_x, n_y, n_z] corrs2: [n_subs, n_x, n_y, n_z]

shape of output data: [n_x, n_y, n_z, 2^b]