**Package lagnetw**

September 9, 2019

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| Function | Description | Supporting functions | Output |
| esmNetwork | Computes a network based on the lagged relations in a multilevel model | addTrans  centerESM  lagESM | Plot network of k variables  network statistics |
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| plotSubject | Plots the network for a specified person |  |  |
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| conDif | Computes the permutation distribution and p-values of the network differences between two groups | centerESM  lagESM  permfunc | 4 x 3 tables with p-values (2 definitions) |
| plot.conDif | Plots 4 types of differences |  |  |
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| sigConnect | Computes the permutation distribution and p-values of the network differences (path strength) between two groups | centerESM  lagESM  permfunc2 | k x k tables with path coefficients differences and p-values. |
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