**Package lagnetw**

August 23, 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  Network statistics |  |
|  |  |  |  |  |
| print | Print basic outcomes | Rdecom |  |  |
|  |  |  |  |  |
| plotSubject | Plots the network for a specified person |  |  |  |
|  |  |  |  |  |
| conDif | Computes the permutation distribution and p-values of the network differences between two groups | centerESM  lagESM  permfunc | 4 x 3 with p-values (2 definitions) |  |
| Plot.conDif | Plots 4 types |  |  |  |
|  |  |  |  |  |
| sigConnect | Computes the permutation distribution and p-values of the network differences (path strenghts) between two groups | centerESM  lagESM  permfunc2 | k x k tables with path coefficients differences and p-values |  |
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| Rdecom |  |  |  |  |
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