| Connection | NHA>PWA | PWA>NHA |
|------------|---------|---------|
| aMTGr-aMTGl | 9.37 | pMTGl-pTFusCl | -8.13 | 0.000 |
| pTFusCr-pTFusCl | 9.27 | toMTGl-aITGl | -6.79 | 0.000 |
| pMTGr-pMTGl | 7.41 | toITGr-pTFusCr | -5.75 | 0.001 |
| pTFusCr-pITGl | 7.35 | pTFusCr-pITGr | -4.94 | 0.001 |
| pITGr-pITGl | 7.18 | toITGr-pITGr | -4.76 | 0.003 |
| PC-aMTGr | 7.14 | toITGr-pMTGr | -4.34 | 0.005 |
| pTFusCr-toMTGl | 7.03 | pPaHCr-aPaHCr | -4.32 | 0.008 |
| MedFC-aMTGr | 7.01 | aITGr-toITGr | -4.05 | 0.009 |
| pITGr-pTFusCl | 6.99 | pTFusCl-toMTGl | -3.54 | 0.007 |
| pTFusCl-toMTGr | 6.85 | pITGl-aITGl | -3.48 | 0.008 |
| toMTGr-toMTGl | 6.65 | pITGr-MidFGl | -3.43 | 0.012 |
| pITGl-pMTGr | 6.47 | toITGl-aITGl | -3.35 | 0.031 |
| aMTGl-SFGl | 6.33 | toITGl-aMTGl | -3.17 | 0.039 |
| pMTGr-aMTGl | 6.32 | TPr-aMTGr | -3.12 | 0.030 |
| pTFusCl-aITGr | 6.30 | toITGr-aMTGr | -3.03 | 0.041 |
| pPaHCr-aMTGl | 5.89 | aMTGl-toMTGl | -3.02 | 0.025 |
| pTFusCr-TPI | 5.88 | pTFusCr-pMTGr | -2.95 | 0.033 |
| toITGl-pTFusCr | 5.80 | toITGr-TPr | -2.91 | 0.047 |
| FObr-aSTGl | 5.70 | pITGl-toITGl | -2.86 | 0.032 |
| aITGl-pMTGr | 5.54 | pMTGl-pTFusCl | -2.86 | 0.035 |
| pTFusCr-aITGl | 5.51 | pTFusCr-toMTGr | -2.57 | 0.050 |
| toMTGl-pITGr | 5.51 | pTFusCr-MidFGl | -2.53 | 0.050 |
| aSMGl-toITGl | 5.49 | pITGl-toMTGl | -2.45 | 0.001 |
| toITGr-pTFusCl | 5.47 | SFGl-TPI | -2.45 | 0.001 |
| pITGl-toMTGr | 5.45 | SFGl-AGl | -2.45 | 0.001 |
| SFGl-TPI | 5.35 | aITGl-pITGr | -2.35 | 0.001 |
| pTFusCr-aMTGl | 5.33 | pMTGl-pTFusCl | -2.35 | 0.001 |
| aMTGr-SFGl | 5.28 | aMTGr-aITGl | -2.35 | 0.001 |
| SFGl-AGl | 5.26 | aITGl-pITGr | -2.35 | 0.001 |
| aITGl-pITGr | 5.23 | MedFC-aMTGl | -2.35 | 0.001 |
| pTFusCl-pMTGr | 5.20 | pTFusCl-pMTGr | -2.35 | 0.001 |
| pMTGr-toMTGl | 5.16 | aITGr-pITGr | -2.35 | 0.001 |
| pITGlaITGr | 5.12 | TPr-IFGoperl | -2.35 | 0.001 |
| pSTGr-pSTGl | 5.09 | pSTGr-pSTGl | -2.35 | 0.001 |
| aITGl-aITGr | 5.08 | IFGtril-TPr | -2.35 | 0.001 |
| pMTGl-pITGr | 5.03 | FObr-aSMGl | -2.49 | 0.002 |
| FObr-aSMGl | 4.98 | SFGl-AGl | -2.49 | 0.002 |
| Path | pMTGr-TPI | SFGl-pMTGl | TPl-aMTGr | MidFGr-MidFGl | aMTGr-pITGl | FOrbl-SFGl | aMTGl-aITGr | pMTGl-MediFC | pMTGl-aMTGr | aMTGr-pTFusCl | SFGl-aMTGr | aMTGl-TPr | pTFusCl-aSTGl | pTFusCl-aSMGl | toITGl-pITGr | IFGtrir-IFGoperl | MidFGl-TPl | IFGoperl-FObr | aMTGlpMTGr | pSMGl-IFGtrir | pSTGr-pSMGl | aMTGr-aITGl | MedFC-PC | toITGrtotITGl | MidFGl-FObr | TPl-pPaHCr | TPl-pITGr | toMTGl-IFGoperr | aMTGr-AGl | TPl-toMTGr | toMTGl-TPr | toMTGr-aMTGl | aSTGr-toMTGl | pTFusCl-TPr | pPaHCr-aSTGl | pMTGl-aSTGr | PC-aMTGl | toMTGl-aMTGr | AGraMTGr | aMTGl-AGl | aMTGr-MidFGr | pTFusCl-IFGoperr | pTFusCl-SFGl | pTFusCl-SFGl | pTFusCl-SFGl | AGl-MedFC |
|------|--------|-----------|-----------|-------------|------------|-----------|------------|-------------|-------------|--------------|-----------|----------|---------------|---------------|-------------|----------------|-------|----------------|-----------|---------------|-----------|-------------|-----------|-------------|---------|---------------|-----------|-------------|-----------|---------|
|      | 4.97   | 4.97      | 4.96      | 4.90        | 4.84       | 4.81      | 4.72       | 4.71        | 4.65        | 4.64         | 4.59      | 4.58     | 4.57           | 4.57           | 4.55        | 4.55         | 4.54 | 4.51           | 4.50      | 4.44          | 4.43     | 4.38         | 4.38    | 4.34        | 4.33     | 4.31          | 4.29      | 4.29         | 4.27      | 4.26        | 4.14    | 4.12        | 4.11    | 4.06          | 4.04    | 3.99          | 3.99      | 3.98        | 3.98    | 3.98        | 3.97     | 3.94         | 3.93    | 3.88         | 3.87      | 3.83         | 3.83    | 0.001        | 0.001    | 0.002        | 0.007   | 0.001        | 0.002   | 0.002        | 0.002   | 0.014        | 0.008   | 0.010        | 0.010   | 0.002        | 0.005   | 0.005        | 0.005   | 0.004        | 0.011   | 0.007        | 0.007   | 0.004        | 0.004   | 0.004        | 0.004   | 0.004        | 0.014   | 0.050        | 0.004   | 0.004        | 0.004   | 0.004        | 0.004   | 0.004        | 0.014   | 0.012        | 0.012   |
PC-pMTGr 3.83 0.014
FOrbl-FOrbr 3.83 0.030
pITGl-AGl 3.80 0.008
aSTGl-aSTGr 3.80 0.018
MidFGl-aMTGl 3.79 0.014
SFGr-pMTGr 3.79 0.036
pMTGl-TPr 3.76 0.010
pTFusCl-TOFusCr 3.75 0.005
pTFusCr-MidFGr 3.72 0.008
MidFGl-pITGl 3.72 0.014
pPaHCl-Precuneous 3.72 0.043
SFGl-pITGl 3.71 0.011
toMTGl-toITGr 3.70 0.008
TPr-TPl 3.69 0.013
aSMGl-pSMGr 3.69 0.016
pTFusCl-TOFusCl 3.68 0.006
AGl-pMTGl 3.67 0.014
MidFGl-pMTGl 3.67 0.014
pMTGr-AGr 3.63 0.009
pITGr-FOrbr 3.62 0.010
MidFGr-pSMGl 3.62 0.020
SFGr-AGl 3.61 0.036
MidFGr-pITGr 3.57 0.020
FOrbr-pTFusCr 3.56 0.017
IFGtrir-pSTGl 3.54 0.042
pSTGr-pMTGl 3.49 0.036
IFGoperrl-FOrbl 3.48 0.036
pSTGr-aSTGl 3.48 0.036
FOrbl-pTFusCl 3.47 0.030
FOrbl-pITGl 3.46 0.030
toMTGr-toITGl 3.45 0.023
SFGl-FOrbr 3.44 0.017
MidFGr-pMTGr 3.44 0.020
MidFGr-pSTGl 3.43 0.020
toMTGr-aITGl 3.43 0.023
SFGl-MedFC 3.39 0.017
pSTGl-TPr 3.39 0.036
pSTGl-aSTGr 3.37 0.036
toMTGr-pMTGl 3.36 0.023
toMTGl-SFGl 3.35 0.013
TPl-pSMGl 3.35 0.019
FOrbr-aSMGr 3.35 0.021
MidFGl-toMTGl 3.34 0.021
aSTGr-pPaHCl 3.31 0.041
pITGl-IFGoperr 3.29 0.016
| Region Pair                  | Z-Value | p-Value |
|------------------------------|---------|---------|
| pMTGl-FOrbl                  | 3.27    | 0.017   |
| aSTGl-TPr                    | 3.26    | 0.038   |
| TPl-aSTGr                    | 3.21    | 0.023   |
| toMTGI-aSMGl                 | 3.18    | 0.017   |
| AGl-pSTGr                    | 3.16    | 0.031   |
| SFGl-pSMGl                   | 3.15    | 0.022   |
| pSMGl-SFGr                   | 3.15    | 0.034   |
| pSMGl-IFGoperr               | 3.15    | 0.034   |
| SFGl-IFGoperl                | 3.14    | 0.022   |
| pSMGl-IFGtril                | 3.12    | 0.034   |
| TPl-PC                       | 3.10    | 0.025   |
| TPl-MedFC                    | 3.09    | 0.025   |
| TPl-IFGtrir                  | 3.05    | 0.025   |
| FOrbr-toMTGr                 | 3.04    | 0.036   |
| toMTGr-IFGoperl              | 3.01    | 0.038   |
| FOrbr-IFGtrir                | 2.98    | 0.037   |
| aSMGl-IFGtrir                | 2.98    | 0.045   |
| TPl-AGl                      | 2.96    | 0.028   |
| aMTGr-pPaHCl                 | 2.92    | 0.027   |
| FOrbr-IFGoperr               | 2.91    | 0.039   |
| aITGl-aTfusCl                | 2.91    | 0.042   |
| aMTGr-Precuneous             | 2.90    | 0.027   |
| toMTGI-aSTGl                 | 2.89    | 0.027   |
| pTFusCl-aSTGr                | 2.85    | 0.025   |
| aMTGl-aSTGr                  | 2.85    | 0.033   |
| SFGl-aITGl                   | 2.85    | 0.035   |
| TPr-TOFusCl                  | 2.85    | 0.045   |
| toMTGI-IFGoperl              | 2.84    | 0.029   |
| pTFusCl-pPaHCr               | 2.83    | 0.025   |
| pTFusCl-Precuneous           | 2.82    | 0.025   |
| pTFusCr-pPaHCl               | 2.75    | 0.047   |
| SFGl-IFGtril                 | 2.71    | 0.045   |
| toMTGl-pSTGl                 | 2.68    | 0.038   |
| pTFusCr-aPaHCl               | 2.68    | 0.050   |
| toMTGl-pSMGl                 | 2.66    | 0.038   |
| pTFusCr-aSTGl                | 2.64    | 0.050   |
| pTFusCr-pSTGl                | 2.62    | 0.050   |
| pTFusCl-pSTGl                | 2.59    | 0.037   |
| pTFusCl-pSMGl                | 2.58    | 0.037   |
| pTFusCr-pSMGr                | 2.57    | 0.050   |
| toMTGl-pSTGr                 | 2.56    | 0.044   |
| pTFusCr-TOFusCl              | 2.52    | 0.050   |

*Note.* See Table 2 for a key to region abbreviations. NHA = Neurologically Healthy Adults; PWA = Persons with Aphasia.