**Supplemental Table 1: Spearman correlations between edges.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **NCDS** | **NIHS** | **NSPN** | **SALSUS** |
| **NCDS** | 1 | - | - | - |
| **NIHS** | 0.87 | 1 | - | - |
| **NSPN** | 0.79 | 0.75 | 1 | - |
| **SALSUS** | 0.80 | 0.82 | 0.83 | 1 |