**Supplementary Material:**
Functional connectivity within the Fronto-Parietal Network predicts complex task performance: a fNIRS study

1 SUPPLEMENTARY TABLES AND FIGURES

Table S1. Results of the Monte-Carlo Simulation of the fNIRS montage

| Channel | MNI coordinates | radius (mm) | dOD         |
|---------|-----------------|-------------|-------------|
|         | X   | Y  | Z |               |             |
| 1       | 18  | 63 | 15 | 4  | 1.8752e-04   |
| 2       | 26  | 54 | 9  | 4  | 3.0211e-05   |
| 3       | 40  | 66 | 8  | 4  | 0.0044       |
| 4       | 22  | 53 | 29 | 4  | 4.4382e-05   |
| 5       | 22  | 46 | 23 | 4  | 1.5038e-06   |
| 6       | 28  | 39 | 43 | 4  | 1.1236e-04   |
| 7       | 50  | 57 | 6  | 4  | 0.0031       |
| 8       | 48  | 44 | 3  | 4  | 1.6715e-04   |
| 9       | 46  | 37 | 22 | 4  | 8.3172e-05   |
| 10      | 45  | 28 | 38 | 4  | 1.2049e-04   |
| 11      | 46  | 24 | 19 | 4  | 4.5840e-06   |
| 12      | 55  | -28| 58 | 4  | 0.0017       |
| 13      | 62  | -43| 43 | 4  | 0.0030       |
| 14      | 37  | -42| 55 | 4  | 1.8750e-05   |
| 15      | 51  | -57| 53 | 4  | 0.0037       |
| 16      | 40  | -69| 56 | 4  | 0.0029       |
| 17      | -13 | 62 | 12 | 4  | 7.6509e-05   |
| 18      | -24 | 64 | 9  | 4  | 0.0011       |
| 19      | -34 | 61 | 8  | 4  | 0.0023       |
| 20      | -21 | 61 | 34 | 4  | 0.0012       |
| 21      | -20 | 44 | 23 | 4  | 1.6706e-06   |
| 22      | -17 | 33 | 39 | 4  | 1.9332e-06   |
| 23      | -41 | 51 | 7  | 4  | 9.4791e-04   |
| 24      | -38 | 44 | 3  | 4  | 6.0001e-05   |
| 25      | -29 | 28 | 16 | 4  | 1.4156e-07   |
| 26      | -45 | 34 | 42 | 4  | 0.0017       |
| 27      | -35 | 22 | 22 | 4  | 5.7348e-07   |
| 28      | -48 | -28| 51 | 4  | 2.3791e-04   |
| 29      | -41 | -40| 36 | 4  | 1.4719e-06   |
| 30      | -32 | -40| 57 | 4  | 2.5837e-05   |
| 31      | -39 | -54| 46 | 4  | 5.3582e-05   |
| 32      | -34 | -68| 53 | 4  | 0.0013       |

dOD: Optical Density sensitivity