Additional Materials 2. Coordinates of all vertices in each Brodmann Area label.

BA47

-0.01909

-0.01599

-0.01508

-0.01343

-0.0127

-0.01385

-0.01804

-0.01722

-0.01585

-0.01332

-0.01583

0.07219 -0.02021

-0.02397

-0.02827

-0.02873

-0.03224

-0.02929

-0.02211

-0.02423

-0.02656

-0.03091

0.08339

0.07571

0.08493

0.07615

0.07115

0.07796

0.07434

0.07983

0.08077

0.07022 -0.02558

Left Hemisphere

3.31E-02 6.09E-02 -4.29E-02 2.95E-02 2.57E-03 3.90E-02

| Left Hemisphere | | |
|--|---|--|
| Anterior Cingulate Cortex | | Inferior Frontal Gyrus |
| BA24 | BA32 | BA33 BA44 BA45 |
| 3.27E-02 3.26E-02 3.02E-02 | 0.02822 0.10031 -0.01867 | 0.03751 0.04561 0.00999 -0.02894 0.04132 0.00362 -0.02441 0.05804 -0.0059 |
| 3.76E-02 1.06E-02 1.83E-02 | 0.03101 0.05438 -0.04566 | 0.03528 |
| 3.09E-02 6.20E-04 3.32E-02 | 0.03187 | 0.03595 |
| 3.40E-02 7.73E-02 -3.50E-03 3.10E-02 2.41E-02 3.78E-02 | 0.03206 | 0.03666 0.06605 -0.03082 -0.02646 0.04959 -0.00069 -0.02211 0.06596 -0.01256 0.03612 0.07144 -0.01306 -0.02633 0.04108 0.01292 -0.01907 0.05961 -0.01669 |
| 3.22E-02 1.65E-02 3.19E-02 | 0.03061 0.07957 0.01853 | 0.0356 |
| 3.01E-02 9.79E-03 3.84E-02 | 0.02998 0.06941 0.0324 | 0.03669 |
| 3.49E-02 7.82E-02 -1.72E-02 | 0.03105 0.05433 0.03572 | 0.03507 0.07121 -0.03473 -0.0296 0.03926 -0.00398 -0.02132 0.07197 -0.0134 |
| 3.16E-02 8.40E-02 -3.71E-02 | 0.02747 0.09746 -0.0323 | 0.03623 |
| 3.61E-02 -6.56E-03 2.01E-02 3.50E-02 4.02E-02 2.09E-02 | 0.02837 | 0.03519 0.07698 -0.02354 -0.02201 0.05522 0.01005 -0.0209 0.06314 -0.01503 0.03682 0.05402 0.007 -0.02352 0.0552 0.00534 -0.01934 0.06609 -0.01839 |
| 3.51E-02 2.31E-02 2.42E-02 | 0.03023 0.09552 -0.02229 | 0.03579 |
| 3.42E-02 6.06E-03 2.64E-02 | 0.03194 0.09055 -0.01846 | 0.03524 0.05709 -0.03959 -0.02368 0.04528 0.01551 -0.02256 0.06483 -0.0014 |
| 3.25E-02 -1.03E-02 2.76E-02 | 0.03022 0.09582 -0.01506 | 0.03699 0.05291 -0.03605 -0.02231 0.0445 0.02043 -0.02337 0.06381 -0.00553 |
| 3.29E-02 7.25E-02 1.04E-02 | 0.02905 0.07646 0.03004 | -0.01728 0.05313 0.02454 -0.02247 0.06807 -0.0093 |
| 3.42E-02 5.68E-02 1.62E-02 3.26E-02 4.88E-02 2.76E-02 | 0.02795 | -0.02968 |
| 3.14E-02 | 0.02996 0.09311 0.00021 | -0.02642 |
| 3.44E-02 6.66E-02 -3.93E-02 | 0.02978 0.09023 0.00794 | -0.02519 0.05218 -0.0066 |
| 3.38E-02 3.66E-02 2.57E-02 | 0.03132 0.07225 0.02128 | -0.02404 0.04978 -0.00923 |
| 3.52E-02 3.17E-02 2.27E-02 | 0.0317 0.07645 0.0143 | -0.02649 0.04578 0.00593 |
| 3.38E-02 2.83E-02 2.71E-02 | 0.03235 0.06891 0.01718 | -0.0276 |
| 3.16E-02 8.52E-03 3.26E-02 3.31E-02 1.16E-02 2.91E-02 | 0.03074 | -0.02552 |
| 3.24E-02 3.40E-03 2.99E-02 | 0.03094 0.04097 0.04139 | -0.02772 0.04141 0.00814 |
| 3.34E-02 -2.24E-03 2.71E-02 | 0.02961 0.08642 0.01554 | -0.0251 0.04571 0.01064 |
| 3.17E-02 -4.63E-03 3.05E-02 | 0.02937 0.08179 0.02295 | -0.02268 0.05022 0.01295 |
| 3.45E-02 7.83E-02 -1.04E-02 | 0.03031 0.0748 0.02564 | -0.02043 |
| 3.50E-02 6.99E-02 2.30E-04 3.36E-02 6.48E-02 1.34E-02 | 0.03097 0.06739 0.02799 0.03144 0.0597 0.02993 | -0.02214 |
| 3.29E-02 6.11E-02 1.98E-02 | 0.03144 0.0597 0.02993 0.03062 0.06197 0.03431 | -0.02095 |
| 3.34E-02 5.31E-02 2.21E-02 | 0.0303 0.05608 0.04016 | -0.01886 0.05419 0.01976 |
| 3.23E-02 5.67E-02 2.58E-02 | 0.029 0.0873 -0.04025 | -0.0309 |
| 3.36E-02 7.97E-02 -3.34E-02 | 0.02971 0.09127 -0.03505 | -0.02856 |
| 3.32E-02 7.57E-02 -3.85E-02 | 0.02834 0.09997 -0.01112 0.03011 0.095 -0.0075 | -0.0281 |
| 3.17E-02 2.84E-02 3.42E-02 3.25E-02 2.46E-02 3.11E-02 | 0.03011 0.095 -0.0075 0.03142 0.08912 -0.0038 | -0.02768 |
| 3.14E-02 2.07E-02 3.47E-02 | 0.0325 | |
| 3.10E-02 1.31E-02 3.52E-02 | 0.03087 0.08362 0.0112 | |
| 3.04E-02 5.44E-03 3.58E-02 | 0.03209 0.07991 0.00714 | |
| 3.37E-02 8.26E-02 -2.76E-02 3.36E-02 8.42E-02 -2.13E-02 | 0.03175 | |
| 3.33E-02 8.48E-02 -1.45E-02 | 0.03083 0.07930 -0.04170 | |
| 3.29E-02 8.42E-02 -7.37E-03 | | |
| 3.20E-02 8.74E-02 -3.15E-02 | | |
| 3.69E-02 1.89E-03 1.94E-02 | | |
| 3.63E-02 4.32E-02 1.56E-02 3.66E-02 3.46E-02 1.79E-02 | | |
| 3.66E-02 2.59E-02 1.98E-02 | | |
| 3.64E-02 1.71E-02 2.13E-02 | | |
| 3.36E-02 1.99E-02 2.82E-02 | | |
| 3.47E-02 1.45E-02 2.54E-02 | | |
| 3.59E-02 8.47E-03 2.25E-02 | | |
| 3.52E-02 -5.00E-05 2.34E-02 3.43E-02 -8.32E-03 2.40E-02 | | |
| 3.34E-02 7.53E-02 3.47E-03 | | |
| 3.43E-02 6.78E-02 6.88E-03 | | |
| 3.51E-02 5.98E-02 1.01E-02 | | |
| 3.47E-02 4.86E-02 1.87E-02 | | |
| 3.37E-02 4.49E-02 2.41E-02 3.27E-02 4.07E-02 2.91E-02 | | |
| 3.18E-02 5.19E-02 3.15E-02 | | |
| 3.19E-02 4.40E-02 3.27E-02 | | |
| 3.19E-02 3.62E-02 3.36E-02 | | |
| 3.12E-02 3.14E-02 3.76E-02 | | |
| 3.22E-02 7.05E-02 -4.26E-02 | | |

Left Hemisphere

Right Hemisphere

| Dorsolateral prefrontal cortex | | | | | Dorsolateral prefrontal cortex | | | | |
|--|--|--------------------|-----------|------------------------------------|--------------------------------|--------------------------|--------------------|----------------------|--|
| BA9 | BA10 | BA46 | | BA9 | | BA10 | | | |
| 5.34E-03 9.23E-02 1.32E-02 | -8.75E-03 9.32E-02 -2.71E-02 | | 0.01157 - | 0.02023 0.09732 | 0.01488 | | 0.09702 | -0.01229 | |
| 1.73E-02 8.85E-02 2.64E-02 | 1.71E-02 1.05E-01 -8.00E-04 | -0.00884 0.07889 (| 0.01367 - | 0.00348 0.09342 | 0.00962 | -0.0143 | 0.10727 | -0.01293 | |
| -1.26E-02 5.58E-02 3.04E-02 | -1.20E-03 9.83E-02 -6.90E-03 | -0.01744 0.08044 - | 0.00584 - | 0.02966 0.08303 | 0.01935 | -0.02493 | 0.09932 | -0.03503 | |
| 1.06E-02 9.95E-02 7.36E-03 | 1.26E-02 1.06E-01 -2.80E-02 | | | 0.00861 0.07762 | | | 0.09022 | -0.0015 | |
| 1.78E-02 9.87E-02 1.34E-02 | 2.56E-03 9.60E-02 4.24E-03 | | | 0.00668 0.07204 | | | 0.08836 | -0.01001 | |
| 1.10E-02 9.17E-02 1.89E-02 | 8.39E-03 1.04E-01 -5.14E-03 2.19E-02 1.06E-01 -2.46E-02 | | | 0.01551 | | | 0.08836 0.09707 | 0.00793 | |
| -1.37E-03 8.66E-02 1.34E-02 -1.47E-02 4.38E-02 3.62E-02 | 1.98E-02 1.01E-01 -2.46E-02 | | | 0.00063 | | | 0.09707 | -0.00181 -0.02513 | |
| -5.81E-03 6.39E-02 3.15E-02 | 2.33E-02 1.06E-01 -1.00E-02 | | | 0.01109 0.06076 | | | | -0.02488 | |
| 2.78E-02 8.30E-02 2.73E-02 | -5.22E-03 9.76E-02 -1.79E-02 | | | 0.02633 0.09254 | | | 0.0931 | -0.02096 | |
| 2.39E-02 1.02E-01 5.49E-03 | 5.23E-03 1.05E-01 -1.76E-02 | -0.01344 0.08064 (| 0.00391 - | 0.02901 0.09232 | 0.00587 | -0.00438 | 0.10379 | -0.01324 | |
| 2.37E-02 9.32E-02 2.06E-02 | 1.52E-02 1.08E-01 -1.51E-02 | | 0.02121 - | 0.02475 0.10077 | 0.00321 | -0.02268 | 0.10558 | -0.01134 | |
| -1.07E-02 6.76E-02 2.28E-02 | -1.03E-02 9.02E-02 -6.76E-03 | | | 0.01221 0.09707 | | | | -0.02261 | |
| -3.87E-03 7.59E-02 2.29E-02 3.72E-03 8.37E-02 2.18E-02 | -9.88E-03 8.96E-02 -3.06E-02 -5.36E-03 9.39E-02 -3.21E-02 | | | 0.01766 0.10409 | | | | -0.03147 | |
| 9.69E-03 8.05E-02 2.16E-02 | 2.55E-02 1.04E-01 -2.19E-02 | | | 0.00883 | | | 0.0866 0.08979 | 0.00316 0.00309 | |
| 7.64E-03 9.57E-02 1.07E-02 | 2.49E-02 1.02E-01 -2.88E-02 | | | 0.02206 0.08747 | | | 0.10393 | -0.0303 | |
| 1.11E-02 9.61E-02 1.32E-02 | -1.17E-02 9.13E-02 -2.18E-02 | | | -0.0147 0.08887 | | | 0.10522 | -0.0308 | |
| 7.88E-03 9.22E-02 1.56E-02 | 2.03E-02 1.06E-01 -5.36E-03 | -0.00816 0.09002 - | 0.00158 - | 0.00639 0.08676 | 0.02117 | 0.00349 | 0.09954 | -0.01802 | |
| 4.16E-03 9.41E-02 9.30E-03 | 2.37E-02 1.04E-01 -2.28E-03 | -0.01368 0.06324 | 0.0222 | 0.00178 0.08304 | 0.01816 | 0.00625 | 0.09738 | -0.02255 | |
| 6.67E-03 9.83E-02 5.39E-03 | -3.22E-03 9.84E-02 -1.25E-02 | | | 0.01454 0.04087 | | | | -0.01691 | |
| 2.36E-03 8.99E-02 1.33E-02 | -7.00E-05 1.01E-01 -1.80E-02 | | | 0.02362 0.09563 | | | | -0.00723 | |
| 3.50E-04 9.15E-02 8.76E-03 2.08E-02 1.04E-01 2.18E-03 | 1.83E-03 1.02E-01 -1.23E-02 1.29E-02 1.05E-01 -3.29E-03 | | | 0.02561 | | | | -0.00739 -0.01292 | |
| 1.77E-02 9.40E-02 2.01E-02 | 1.18E-02 1.07E-01 -1.01E-02 | | | 0.00787 0.09553 | | | 0.10299 | -0.01232 | |
| 2.10E-02 9.66E-02 1.69E-02 | 1.63E-02 1.07E-01 -8.00E-03 | | | 0.01064 0.10008 | | | | -0.02933 | |
| 2.07E-02 9.14E-02 2.39E-02 | 1.96E-02 1.08E-01 -1.28E-02 | -0.01606 0.08471 - | 0.01106 - | 0.00615 0.09816 | 0.00454 | -0.01609 | 0.10617 | -0.00619 | |
| 2.33E-02 8.77E-02 2.76E-02 | -3.79E-03 9.40E-02 -1.61E-03 | -0.01894 0.07943 - | 0.01036 | -0.0251 0.08493 | 0.0297 | -0.02024 | 0.10563 | -0.00526 | |
| 2.01E-02 8.55E-02 3.04E-02 | -5.93E-03 9.45E-02 -7.01E-03 | -0.01742 0.08321 - | | 0.01564 0.08378 | | -0.01878 | | | |
| -1.36E-02 4.98E-02 3.35E-02 | -8.02E-03 9.42E-02 -1.23E-02 | | | 0.01169 0.08344 | | | 0.10364 | -0.03029 | |
| -1.67E-02 4.59E-02 3.20E-02 -1.56E-02 5.17E-02 2.92E-02 | 7.18E-03 1.04E-01 -2.86E-02 1.10E-02 1.03E-01 -3.35E-02 | | | 0.01061 0.08812 0.00757 0.08248 | | | | -0.02401 -0.02916 | |
| -1.46E-02 5.75E-02 2.59E-02 | 2.29E-02 9.58E-02 -4.02E-02 | | | 0.00737 0.00248 0.00316 0.07373 | | | | -0.02741 | |
| -1.16E-02 6.17E-02 2.68E-02 | 7.50E-04 9.75E-02 -1.25E-03 | | | 0.00054 0.07942 | | | | -0.03356 | |
| -2.10E-03 6.79E-02 3.16E-02 | 3.64E-03 1.02E-01 -6.30E-03 | -0.01556 0.08082 - | 0.00102 | 0.0043 0.0776 | 0.02154 | -0.02995 | 0.089 | -0.0372 | |
| -4.87E-03 7.00E-02 2.74E-02 | 5.28E-03 1.00E-01 -3.60E-04 | | | 0.00551 0.08098 | | | | -0.03898 | |
| -1.13E-03 7.41E-02 2.72E-02 | -1.69E-03 9.29E-02 3.72E-03 | | | 0.00775 0.07573 | | | | -0.00673 | |
| -1.00E-04 7.98E-02 2.25E-02 2.75E-03 7.81E-02 2.66E-02 | 1.76E-02 1.06E-01 -2.67E-02 1.63E-02 1.04E-01 -3.27E-02 | | | 0.00988 | | | 0.09288 0.08971 | -0.01131 -0.0059 | |
| 6.66E-03 8.23E-02 2.57E-02 | 2.10E-02 1.04E-01 -3.11E-02 | | | 0.02863 0.09574 | | | 0.09567 | 0.0033 | |
| 2.83E-02 9.60E-02 4.53E-03 | 2.41E-02 9.97E-02 -3.49E-02 | | | 0.00079 0.09097 | | | 0.09283 | 0.00336 | |
| 1.38E-02 1.03E-01 3.48E-03 | 2.67E-02 9.41E-02 -3.80E-02 | -0.00984 0.07334 (| 0.01841 - | 0.00165 0.09567 | 0.00384 | 0.0049 | 0.09379 | -0.00182 | |
| 1.76E-02 1.03E-01 6.35E-03 | 2.59E-02 1.04E-01 -1.45E-02 | | | 0.00459 0.0766 | 0.03016 | | | -0.00278 | |
| 1.43E-02 9.97E-02 1.01E-02 | 2.62E-02 1.03E-01 -6.79E-03 | -0.02105 0.07385 - | | 0.00173 0.0706 | 0.03302 | | 0.10731 | -0.0193 | |
| 1.45E-02 9.55E-02 1.65E-02 1.42E-02 9.05E-02 2.26E-02 | -7.13E-03 9.58E-02 -2.28E-02 -3.81E-03 9.74E-02 -2.81E-02 | | | 0.00206 | | | | -0.01901 -0.02523 | |
| 9.65E-03 1.02E-01 1.20E-03 | -1.98E-03 9.99E-02 -2.33E-02 | | | 0.00893 0.06642 | | | | -0.03082 | |
| -1.56E-02 3.79E-02 3.84E-02 | 3.44E-03 1.03E-01 -2.34E-02 | | (| 0.00803 0.06221 | 0.03081 | 0.00877 | 0.09428 | -0.02636 | |
| -1.03E-02 5.37E-02 3.46E-02 | 8.87E-03 1.06E-01 -2.29E-02 | | (| 0.01036 0.0565 | 0.03224 | 0.01322 | 0.08981 | -0.02431 | |
| -9.30E-03 5.98E-02 3.11E-02 | 6.90E-03 1.05E-01 -1.15E-02 | | | 0.01273 0.05089 | | | | -0.01547 | |
| 2.81E-02 8.82E-02 1.99E-02 | 1.04E-02 | | | 0.02831 0.08824 | | | | -0.01909 | |
| 2.63E-02 1.01E-01 1.08E-03 2.64E-02 9.76E-02 8.94E-03 | 1.40E-02 1.07E-01 -2.18E-02 1.87E-02 1.08E-01 -2.00E-02 | | | 0.02935 | | | | -0.00686 -0.00153 | |
| 2.10E-02 1.01E-01 9.65E-03 | 2.27E-02 1.07E-01 -1.75E-02 | | | 0.02724 0.0971 | 0.00453 | | | -0.00727 | |
| 2.40E-02 9.79E-02 1.32E-02 | -1.24E-02 8.97E-02 -1.18E-02 | | | 0.02659 0.10029 | | | | -0.01325 | |
| 2.63E-02 9.36E-02 1.66E-02 | -9.98E-03 9.32E-02 -1.73E-02 | | -1 | 0.01638 0.09775 | 0.0134 | -0.00707 | 0.10566 | -0.01921 | |
| 2.60E-02 8.86E-02 2.41E-02 | | | - | 0.01904 0.10111 | 0.00786 | -0.00446 | 0.10414 | -0.02463 | |
| -1.77E-02 4.01E-02 3.43E-02 | | | | 0.01498 0.10114 | | | | -0.00412 | |
| -1.95E-02 4.20E-02 2.99E-02 | | | | 0.01336 | | | | -0.01007 | |
| -8.37E-03 6.59E-02 2.73E-02 -7.44E-03 7.18E-02 2.30E-02 | | | | 0.00416 | | -0.02138 (-0.02496 (| | -0.01831 -0.0172 | |
| -6.41E-03 7.75E-02 1.84E-02 | | | | 0.02876 0.08265 | | | | -0.0172 | |
| -2.73E-03 8.14E-02 1.81E-02 | | | | 0.02696 0.0872 | | -0.03134 | | | |
| 1.03E-03 8.51E-02 1.77E-02 | | | - | 0.02443 0.09066 | 0.02319 | | | | |
| 4.64E-03 8.87E-02 1.70E-02 | | | | 0.02123 0.09277 | | | | | |
| 7.43E-03 8.77E-02 2.06E-02 | | | | 0.01936 0.0832 | | | | | |
| 1.05E-02 8.65E-02 2.44E-02 | | | | 0.01855 0.08875 | | | | | |
| 1.36E-02 8.47E-02 2.84E-02 1.27E-02 7.83E-02 3.38E-02 | | | | 0.01756 | 0.02009 0.01841 | | | | |
| 1.65E-02 8.23E-02 3.24E-02 | | | | 0.00934 | | | | | |
| - - | | | | 0.00504 0.09043 | | | | | |
| | | | | 0.00346 0.08107 | | | | | |
| | | | | 0.00221 0.08501 | | | | | |
| | | | | 0.00082 0.08833 | | | | | |
| | | | | 0.00318 | | | | | |
| | | | | 0.0121 0.04631 0.0151 0.04544 | | | | | |
| | | | | 0.0131 0.04344 | | | | | |
| | | | | 0.01779 0.04441 | | | | | |
| | | | -1 | 0.02152 0.10313 | 0.00195 | | | | |
| | | | | | | | | | |

BA46

0.02

0.0179

0.01525

0.01951

0.01453

0.01411

0.01848

0.00887

0.01275

0.0164

0.01281

0.01511

0.0126

0.01008

0.0124

0.00826

0.02178

0.02201

0.01877

0.0211

0.02029

0.01947

0.0174

0.01655

0.01953

0.02098

0.00551

0.00775

0.01087 0.00988

0.01386

0.01772

0.01996

0.01758

0.01708

0.01629

0.01492

0.02174

0.01514

0.01686

0.01962

0.00682

0.00995

0.01184

0.01368

0.0154

0.01188

0.01456

0.01083 0.08359 0.00664

0.07821

0.06462

0.08195

0.07164

0.07538

0.08836

0.08329

0.07898

0.06847

0.05744

0.08304

0.07865

0.08009

0.0866

0.08633

0.08576

0.0755

0.07263

0.06816

0.06604

0.06259

0.08346

0.08621

0.08101

0.07788

0.08098

0.07573

0.07386

0.07029

0.05915

0.08035

0.07503

0.07701

0.0736

0.07012

0.08525

0.06942

0.08839

0.08491

0.07967

0.08377

0.08171

0.07712

0.07201

0.06657

0.06473

0.06293

 $0.01707 \quad 0.06106 \quad 0.01688$

0.05912 0.01298

-0.00688

0.01236

0.00041

0.00302

0.00988

-0.01001

-0.01704

0.01483

0.01913

0.02129

0.00389

0.00521

0.00819 0.00316

-0.00077

0.00721

-0.01016

-0.00536

0.00776 0.00403

0.00854

-0.00848

-0.01377

-0.01195

-0.01495

0.0166

0.01957

0.01726

0.02192

0.02487

-0.00328

-0.00187

0.00175

0.0066

0.01131

-0.00469

-0.0006

-0.01909

-0.02204

-0.01965

0.01176

0.01029

0.01264

0.01451

0.01593

0.02366

0.02046