**Table DS5.** Results of heterogeneity and sensitivity analyses

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Remission | | | Response | | |
| Psychotic symptoms |  | Q | df | P | Q | df | P |
| Location | 3.16 | 4 | 0.531 | 3.90 | 4 | 0.420 |
| Electrode position | 5.37 | 2 | 0.068 | 0.18 | 2 | 0.914 |
| Design | 0.23 | 1 | 0.630 | 1.30 | 1 | 0.255 |
| Observational | 1.14 | 1 | 0.285 | 0.79 | 1 | 0.375 |
| Dropout | 0.21 | 1 | 0.646 | 0.03 | 1 | 0.861 |
|  | Beta | 95% CI | P | Beta | 95% CI | P |
| Age | 0.040 | 0.006-0.073 | 0.021\* | -0.013 | -0.054-0.029 | 0.543 |
| Psychotic symptoms | -0.013 | -0.036-0.010 | 0.271 | -0.020 | -0.043-0.003 | 0.087 |
| Episode duration | 0.018 | -0.015-0.050 | 0.296 | 0.034 | -0.037-0.105 | 0.346 |
| Medication resistance | -0.019 | -0.036- -0.003 | 0.023\* | -0.002 | -0.021-0.017 | 0.859 |
| Length course | 0.063 | -0.034-0.160 | 0.203 | 0.089 | 0.001-0.176 | 0.048\* |
| Age |  | Q | df | P | Q | df | P |
| Location | 6.64 | 4 | 0.156 | 7.55 | 4 | 0.110 |
| Electrode position | 8.81 | 2 | 0.012\* | 5.22 | 2 | 0.074 |
| Design | 0.19 | 1 | 0.667 | 0.22 | 1 | 0.639 |
| Observational | 4.75 | 1 | 0.029\* | 2.53 | 1 | 0.112 |
| Dropout | 0.75 | 1 | 0.387 | 0.03 | 1 | 0.860 |
|  | Beta | 95% CI | P | Beta | 95% CI | P |
| Age | -0.004 | -0.020-0.012 | 0.609 | 0.002 | -0.013-0.016 | 0.830 |
| Psychotic symptoms | -0.001 | -0.014-0.012 | 0.874 | 0.003 | -0.007-0.013 | 0.585 |
| Episode duration | 0.044 | 0.016-0.073 | 0.003\*\* | 0.037 | 0.005-0.068 | 0.021\* |
| Medication resistance | -0.002 | -0.011-0.007 | 0.647 | -0.001 | -0.010-0.009 | 0.919 |
| Length course | 0.006 | -0.049-0.061 | 0.828 | 0.013 | -0.035-0.062 | 0.586 |
| Depression severity |  | Q | df | P | Q | df | P |
| Location | 5.31 | 4 | 0.257 | 3.32 | 4 | 0.506 |
| Electrode position | 4.24 | 2 | 0.120 | 4.91 | 2 | 0.086 |
| Design | 0.11 | 1 | 0.744 | 11.63 | 1 | 0.001\*\* |
| Observational | 0.49 | 1 | 0.483 | 0.10 | 1 | 0.749 |
| Dropout | 3.99 | 1 | 0.046\* | 0.07 | 1 | 0.790 |
|  | Beta | 95% CI | P | Beta | 95% CI | P |
| Age | -0.001 | -0.014-0.012 | 0.875 | -0.009 | -0.020-0.003 | 0.150 |
| Psychotic symptoms | 0.002 | -0.008-0.011 | 0.730 | 0.002 | -0.009-0.012 | 0.754 |
| Episode duration | 0.008 | -0.027-0.042 | 0.666 | -0.008 | -0.044-0.029 | 0.683 |
| Medication resistance | <-0.001 | -0.007-0.006 | 0.966 | 0.003 | -0.003-0.008 | 0.389 |
| Length course | 0.022 | -0.022-0.067 | 0.321 | 0.016 | -0.029-0.061 | 0.487 |

\*P<0.05, \*\*P<0.01, \*\*\*P<0.001