S1 Table

Reporting checklist for tDCS studies. Variant appropriate to our study marked with “X”.

|  |
| --- |
| Experimental Design Factors: |
|  Controls used | □ None | X Sham | □ Active |
|  Blinding used | □ None | □ Single | X Double |
|  Hypothesis statement | X Yes | □ No |  |
|  If Hypothesis-based: |  |  |  |
|   Power-analysis statement | X Yes | □ No |  |
|   Pre-registration | □ Yes | X No |  |
|  Exploratory-based | □ Yes | X No |  |
|  Sample-size estimation (i.e. – power analysis) | □ Yes | X No |  |
|  |  |  |  |
| Participant Factors: | Reported? | Controlled? |  |
|  Number of subjects | X | □ |  |
|  Age of subjects | X | □ |  |
|  Gender of subjects | X | □ |  |
|  Handedness of subjects | X | □ |  |
|  Subjects prescribed medication | □ | X |  |
|  Use of CNS active drugs (e.g. anti-convulsants) | □ | X |  |
|  Neuropsychological evaluation | □ | □ |  |
|  Any medical conditions | □ | X |  |
|  History of specific repetitive motor activity | □ | X |  |
|  Years of Education completed | X | □ |  |

Continuation S1 Table 1

|  |  |  |  |
| --- | --- | --- | --- |
| Stimulation Factors: | Reported? | Controlled? |  |
|  Scalp position of tDCS electrodes | X | □ |  |
|  MRI-based localization of tDCS electrodes | □ | □ |  |
|  Electrode type (size and geometry) | X | □ |  |
|  Current density of applied stimulation | X | □ |  |
|  Type of stimulator used (e.g. brand) | X | □ |  |
|  Stimulation intensity | X | □ |  |
|  Stimulation ramp time | X | □ |  |
|  Stimulation duration | X | □ |  |
|  Number of Sessions | X | □ |  |
|  If Multiple Sessions: |  |  |  |
|   Time interval between sessions | X | □ |  |
|  Subject attention (level of arousal) during testing | □ | □ |  |
|  Subject activities during stimulation | X | □ |  |
|  tDCS-induced sensations (i.e. – itching, pain, heat, pinching, burning) | X | □ |  |
|  |  |  |  |
| Analysis & Statistics factors: |
|  Effect-size(s) reported | X Yes | □ No |  |
|  Raw data uploaded to publicly accessible data repository | □ Yes | X No |  |
|  Analyzed data uploaded to publicly accessible data repository | □ Yes | X No |  |
|  Full analysis protocol including custom scripts uploaded to publicly accessible data repository | □ Yes | X No |  |