

Supplementary Table 3. The coordinates of the targeted brain area and acoustic focus obtained by numerical simulation, estimated acoustic intensity (I_{sppa}) at the sonication focus and rate of transmission (%), and estimated spatial error in targeting during the verum stimulation session

| ID | Target | | | Simulated focus | | | Simulated I_{sppa} at target (mW/cm^2) | I_{sppa} transmission at target (%) | Spatial error from target (mm) |
|-----|--------|-----|----|-----------------|-----|----|----------------------------------------------------------------------|-------------------------------------------------|-----------------------------------|
| | X | Y | Z | X | Y | Z | | | |
| v1 | 139 | 137 | 65 | 139 | 139 | 65 | 903.0 | 30.1 | 3.0 |
| v2 | 149 | 140 | 72 | 151 | 143 | 71 | 561.0 | 18.7 | 3.9 |
| v3 | 138 | 137 | 60 | 140 | 137 | 57 | 1,551.0 | 51.7 | 2.9 |
| v4 | 131 | 135 | 59 | 132 | 137 | 57 | 1,197.0 | 39.9 | 2.3 |
| v5 | 147 | 138 | 62 | 146 | 138 | 62 | 879.0 | 29.3 | 2.3 |
| v6 | 132 | 138 | 63 | 136 | 139 | 61 | 2,025.0 | 67.5 | 2.9 |
| v7 | 138 | 135 | 64 | 140 | 137 | 65 | 894.0 | 29.8 | 2.9 |
| v8 | 141 | 142 | 59 | 141 | 142 | 56 | 1,017.0 | 33.9 | 2.3 |
| v9 | 147 | 134 | 56 | NA | NA | NA | NA | NA | NA |
| v10 | 135 | 137 | 66 | 135 | 139 | 67 | 837.0 | 27.9 | 1.9 |
| v11 | 141 | 137 | 63 | 142 | 138 | 61 | 912.0 | 30.4 | 2.4 |
| | | | | | | | 1,077.6±421.0 | 35.9±14.0 | 2.7±0.6 |

Values are presented as mean±standard deviation or numbers only. Patients of v10, v11 are without rsfMRI data. ID, patient index in the verum group; I_{sppa} , spatial-peak pulse-average intensity; NA, not available; rsfMRI, resting-state functional magnetic resonance imaging