|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **CON** | **Affected** | | | | **Group**  **comparisons** | |
| **GA** | **Syndrome-specific subsamples** | | |
| **PAR** | **PSY** | **PAR-PSY** | **GA vs. CON** | **across all subsamples** |
| **Surface electrodes** | | Mean (µV) ± SD | | | | | p-value | overall  p-value |
| **F3** | Duration | -1.04 ± .51 | -.96 ± .48 | -.98 ± .51 | -.87 ± .48 | -1.01 ± .50 | 0.25 | 0.29 |
| **F4** | -1.15 ± .55 | -1.08 ± .54 | -1.10 ± .57 | -1.05 ± .53 | -1.12 ± .57 | 0.33 | 0.84 |
| **C3** | -.80 ± .42 | -.76 ± .34 | -.76 ± .34 | -.73 ± .38 | -.77 ± .31 | 0.43 | 0.15 |
| **C4** | -.81 ± .34 | -.86 ± .39 | -.83 ± .36 | -.86 ± .42 | -.86 ± .36 | 0.33 | 0.95 |
| **F3** | Frequency | -1.18 ± .62 | -1.18 ± .61 | -1.16 ± .54 | -1.10 ± .57 | -1.29 ± .70 | 0.96 | 0.41 |
| **F4** | -1.21 ± .52 | -1.21 ± .59 | -1.17 ± .51 | -1.16 ± .55 | -1.33 ± .64 | 0.99 | 0.27 |
| **C3** | -.86 ± .47 | -.88 ± .47 | -.85 ± .43 | -.83 ± .50 | -.91 ± .52 | 0.76 | 0.75 |
| **C4** | -.72 ± .41 | -.77 ± .37 | -.71 ± .35 | -.78 ± .36 | -.77 ± .39 | 0.38 | 0.61 |
| **F3** | Intensity | -1.05 ± .66 | -.90 ± .50 | -.99 ± .60 | -.91 ± .47 | -.94 ± .56 | 0.08 | 0.88 |
| **F4** | -1.13 ± .65 | -1.10 ± .55 | -1.10 ± .64 | -1.05 ± .48 | -1.16 ± .59 | 0.55 | 0.74 |
| **C3** | -.85 ± .47 | -.77 ± .40 | -.78 ± .40 | -.75 ± .36 | -.80 ± .45 | 0.16 | 0.53 |
| **C4** | -.90 ± .42 | -.87 ± .42 | -.87 ± .40 | -.88 ± .35 | -.89 ± .48 | 0.64 | 0.97 |

Table S1. MMN peak amplitudes electrodes F3, F4, C3 and C4 (µV)