Comparative Neurophysiological Measures between TD and SSD Groups

Results

The results of the neurophysiological measures (ABR, MLR, LLR; latencies) are presented below.

Table S1. ABR Latencies (TD vs SSD)

| GROUP | ABR_RIGHT_IPSILAT_V_MS | ABR_RIGHT_IPSILAT_I_V_MS | ABR_RIGHT_CONTROLAT_V_MS | ABR_RIGHT_CONTROLAT_I_V_MS | ABR_LEFT_IPSILAT_V_MS | ABR_LEFT_IPSILAT_I_V_MS | ABR_LEFT_CONTROLAT_V_MS | ABR_LEFT_CONTROLAT_I_V_MS |
|---|---|---|---|---|---|---|---|---|
| SSD | 6.03 ± 0.25 | 0.36 ± 0.1 | 6.16 ± 0.21 | 0.27 ± 0.08 | 5.99 ± 0.24 | 0.35 ± 0.12 | 6.08 ± 0.32 | 0.25 ± 0.09 |
| TD | 6.09 ± 0.23 | 0.43 ± 0.13 | 6.18 ± 0.21 | 0.3 ± 0.12 | 6.03 ± 0.23 | 0.42 ± 0.09 | 6.08 ± 0.19 | 0.3 ± 0.16 |

Figure S1. ABR Wave V Latencies (TD vs SSD)

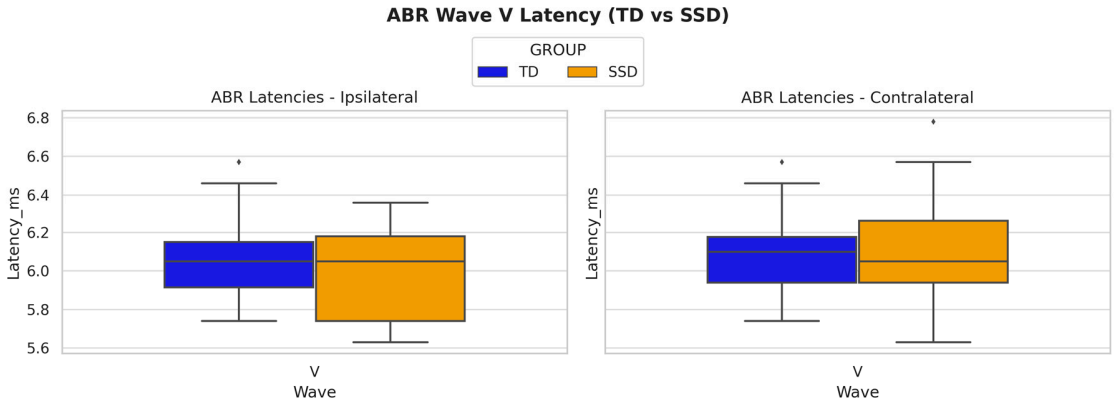


Figure S2. ABR I-V wave  Latencies (TD vs SSD)

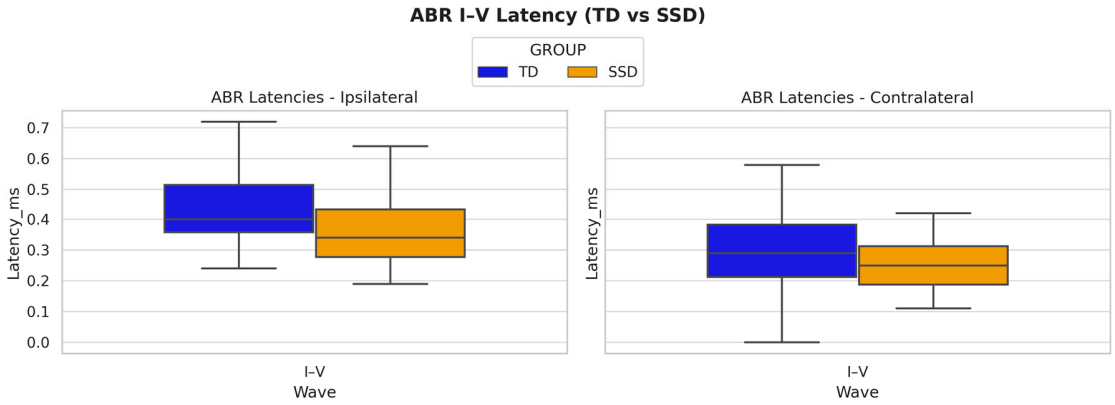



Figure S3. SSD ABR Waveforms

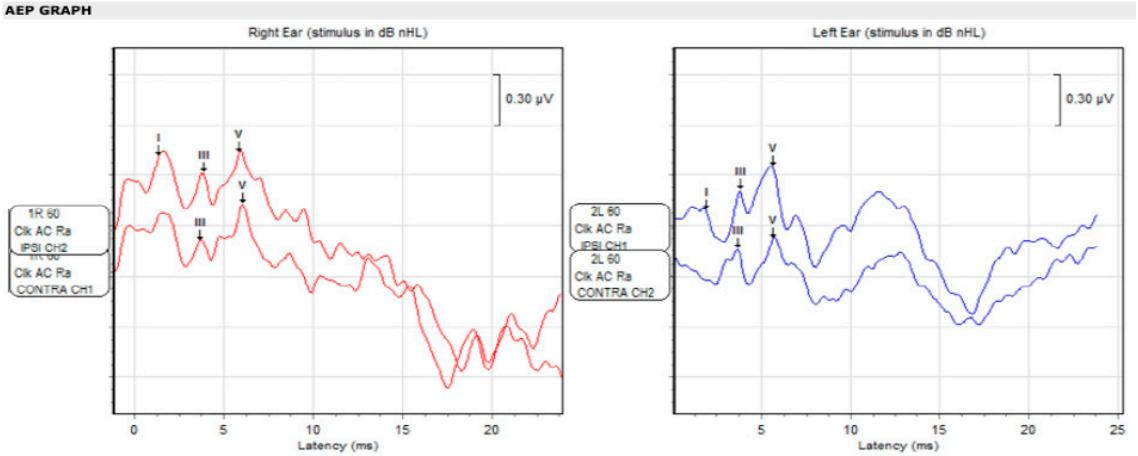



Figure S4. TD ABR Waveform

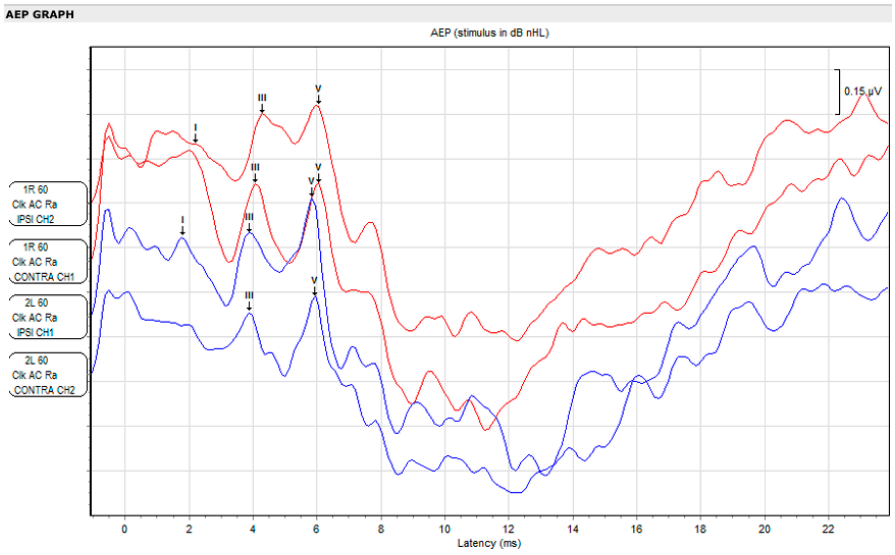


Table S2. MLR Latencies (TD vs SSD)

| GROUP | MLR_RIGHT_IPSILAT_TIME_Na | MLR_RIGHT_IPSILAT_TIME_Pa | MLR_RIGHT_CONTROLAT_TIME_Na | MLR_RIGHT_CONTROLAT_TIME_Pa | MLR_LEFT_IPSILAT_TIME_Na | MLR_LEFT_IPSILAT_TIME_Pa | MLR_LEFT_CONTROLAT_TIME_Na | MLR_LEFT_CONTROLAT_TIME_Pa |
|---|---|---|---|---|---|---|---|---|
| SSD | 30.01 ± 3.2 | 37.15 ± 4.38 | 29.82 ± 3.04 | 36.94 ± 4.75 | 27.11 ± 4.3 | 36.89 ± 5.28 | 28.47 ± 6.83 | 36.82 ± 7.07 |
| TD | 30.67 ± 4.73 | 39.28 ± 5.88 | 29.6 ± 4.94 | 37.52 ± 5.76 | 29.72 ± 4.34 | 37.54 ± 4.12 | 29.47 ± 5.51 | 38.3 ± 5.22 |

MLR Measures

Figure S5. MLR Na Latencies (TD vs SSD)

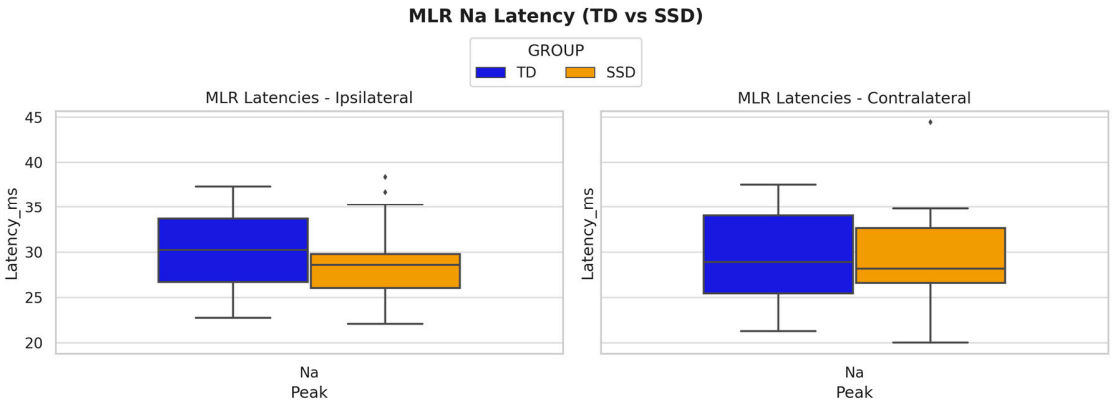



Figure S6. MLR Pa Latencies (TD vs SSD)

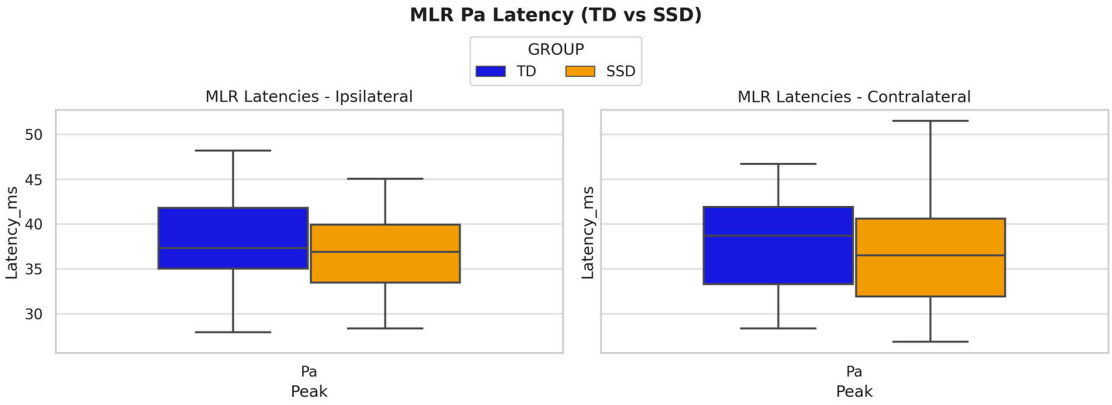


Figure S7. SSD MLR Waveform

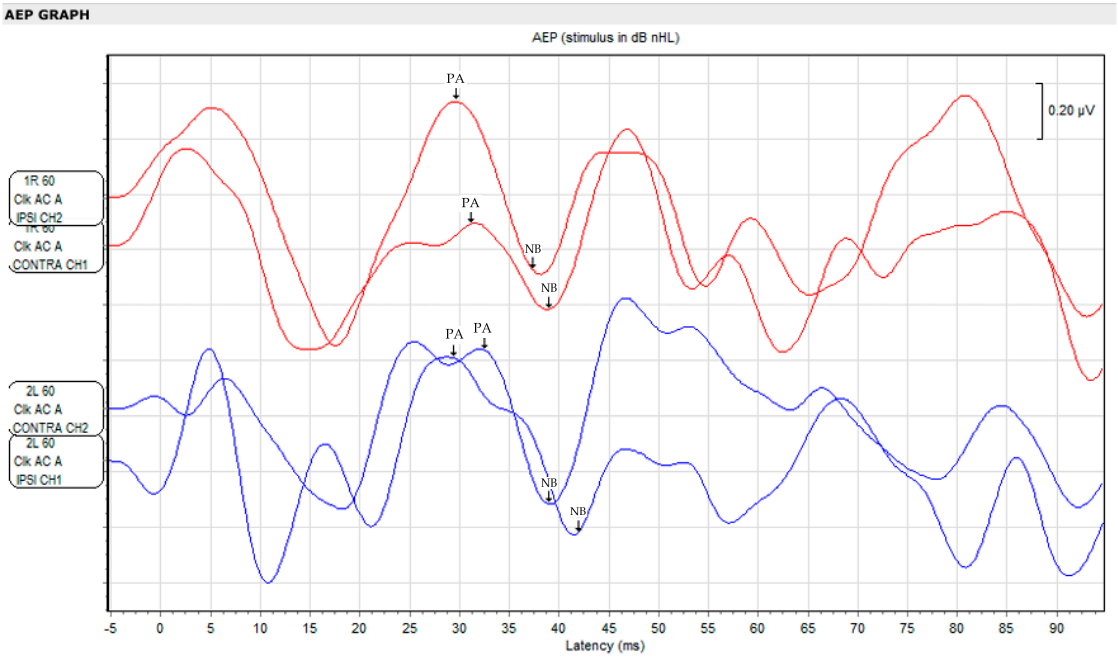



Figure S8. TD MLR Waveform

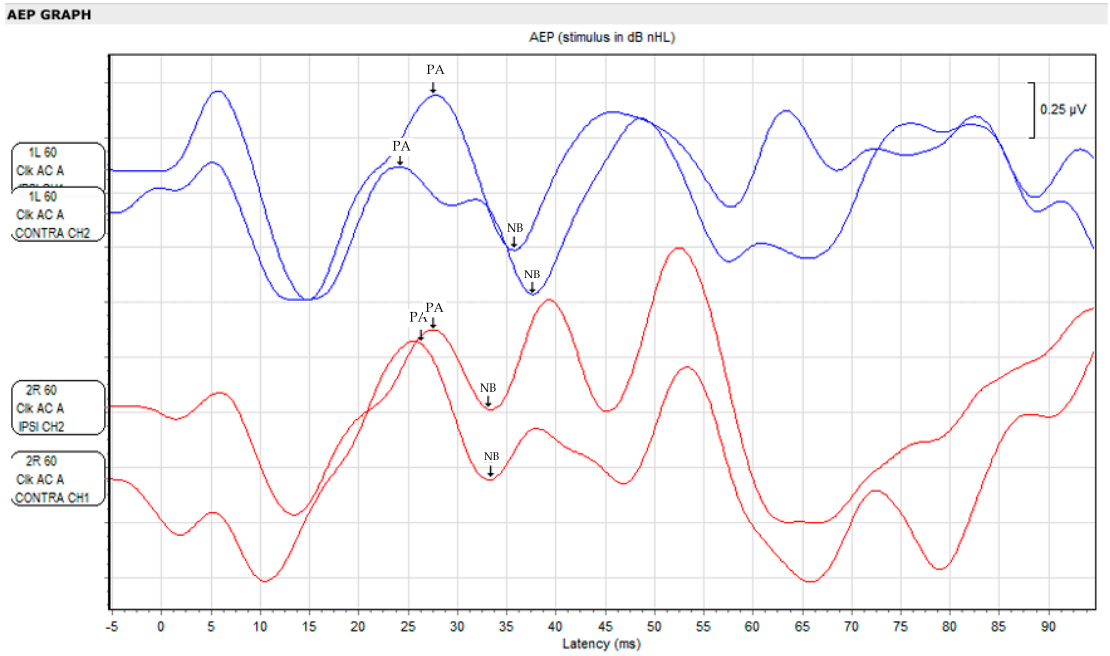


Table S3. LLR Latency (TD vs SSD)

| GROUP | LLR_RIGHT_IPSILAT_TIME_P1 | LLR_RIGHT_IPSILAT_TIME_P2 | LLR_RIGHT_CONTROLAT_TIME_P1 | LLR_RIGHT_CONTROLAT_TIME_P2 | LLR_LEFT_IPSILAT_TIME_P1 | LLR_LEFT_IPSILAT_TIME_P2 | LLR_LEFT_CONTROLAT_TIME_P1 | LLR_LEFT_CONTROLAT_TIME_P2 |
|---|---|---|---|---|---|---|---|---|
| SSD | 91.07 ± 39.84 | 197.73 ± 42.97 | 89.4 ± 32.83 | 193.01 ± 45.0 | 81.21 ± 33.45 | 177.04 ± 48.69 | 78.57 ± 34.83 | 181.34 ± 46.09 |
| TD | 71.41 ± 15.36 | 171.41 ± 34.87 | 72.84 ± 14.39 | 171.68 ± 39.5 | 72.72 ± 13.44 | 166.88 ± 48.11 | 73.67 ± 11.01 | 173.16 ± 45.79 |

LLR Measures

Figure S9. LLR P1 Peak Latencies (TD vs SSD)

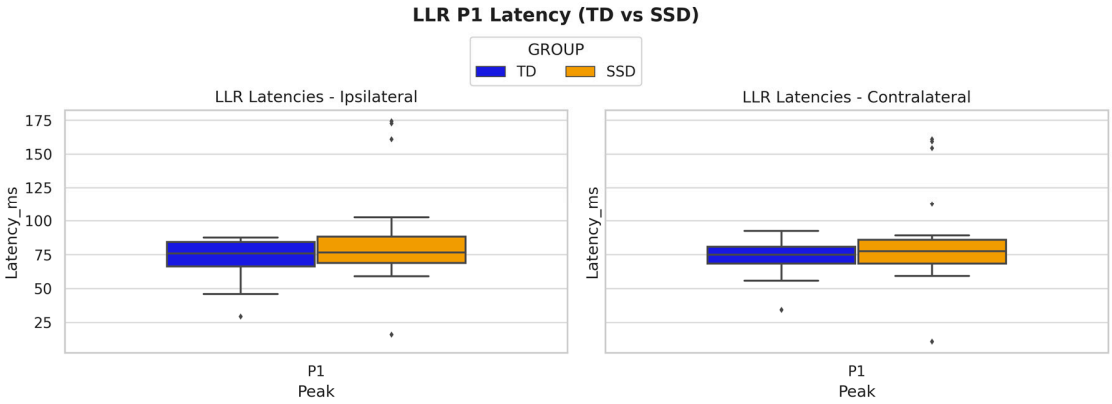



Figure S10. LLR P2 Pick Latencies (TD vs SSD)

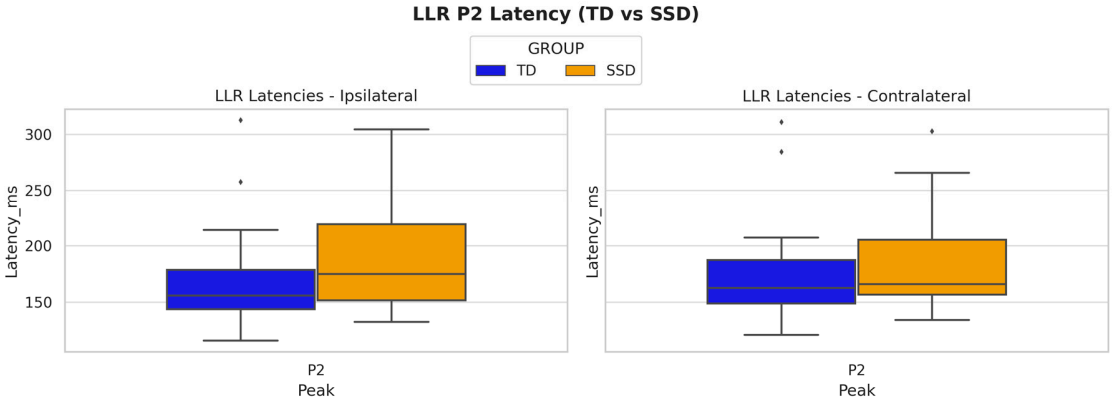


Figure S11. SSD LLR Waveform

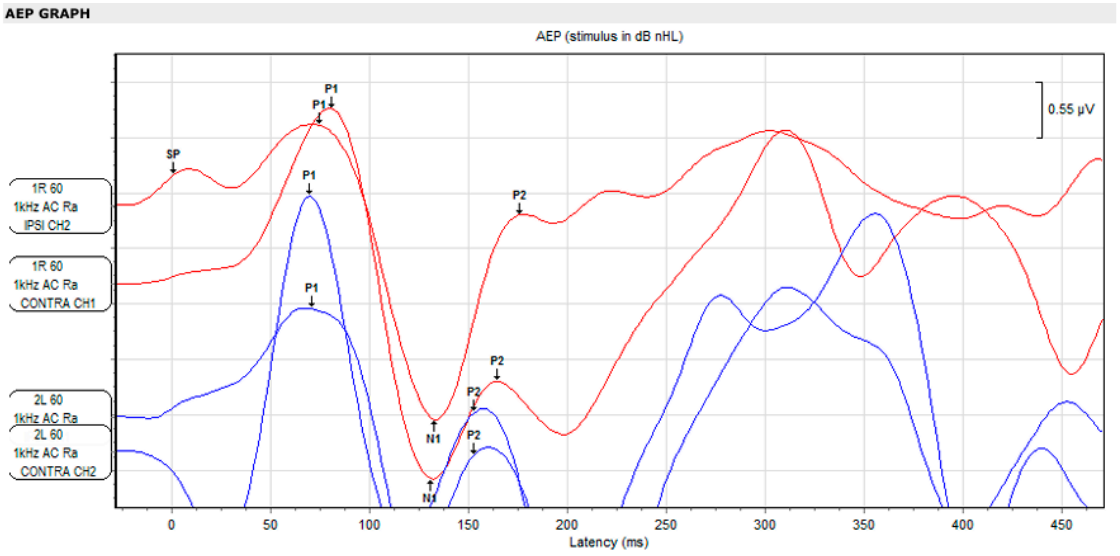



Figure S12. TD LLR Waveform

