**Table 1.** Results of eleven participants with Auditory Processing Difficulties on six tests evaluating the key functions of the central auditory system in two different moments. The age of the participants at the first singing session is also indicated.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CAPD** | **Gender** | **Age at the beginning of singing lessons (yr; month)** | **Specific information** | **Tests failed**  **1st evaluation** | **Tests failed 2nd evaluation** |
| 1 | M | 7;11 | Diagnosed with: learning disability  -difficulty reading | SSW, BKB-SIN, PPST, RGDT, FS  ACPT (borderline) | SSW, BKB-SIN FS:LE, |
| 2 | F | 10;1 | Difficulties in school consistent with apraxia and short attention span | SSW, BKB-SIN, DD, PST, PPST, RGDT, CST | SSW, BKB-SIN, DD, PST, PPST, RGDT |
| 3 | M | 8;9 | -Intellectual functioning in the upper end of the average range with great variability | FS:LE, PST, PPST, RGDT | N/A |
| 4 | M | 8;9 | -Diagnosed with: speech disorder | SSW, PPST, RGDT, CST:LE  ACPT, DD:LE (borderline) | N/A |
| 5 | M | 7;7 | Difficulties with ocular function and challenges with overall motor skills | SSW, PPST, RGDT, DD:LE, CST :LE, BKB-SIN :LE and  ACPT (borderline) | N/A |
| 6 | M | 7;9 | Concerns with attention and focus | SSW, PPST, RGDT, FS:RE | None |
| 7 | M | 8;4 | Difficulties in school | SSW, FW, CST:LE  PPST, RGDT, DD, FS:RE | N/A |
| 8 | F | 10;10 | Difficulty with reading comprehension | SSW, PPST, RGDT, Quick SIN, PST, FS, DD:LE, CST :LE  ACPT (borderline) | None |
| 9 | F | 8;4 | -Difficulties with reading | SSW, RGDT, PPST, PST, CST, FS, DD:LE | N/A |
| 10 | M | 7;4 | -History of non-verbal learning disability and ongoing school difficulties | SSW, PPST, RGDT, DDT=LE, FW= LE, CST= LE | N/A |
| 11 | M | 11;6 | -Diagnosed with ASD | SSW, PPST, RGDT, PST, CST, DD:RE | SSW, PST, TCS, CST:LE, DD:RE Quick-SIN, |

Legend: SSW = Staggered Spondaic Word test, BKB-SIN (Bamford-Kowal-Bench) Speech-in-Noise Test, PPST = Pitch Pattern Sequence Test, RGDT = Random Gap Detection Test, FS = Filtered Speech, ACPT = Auditory Continuous Performance Test, DD = Dichotic Digits, PST = Phonemic Synthesis Test, CST = Competing Sentence Test, FW = Filtered Words, Quick SIN = Quick Speech in Noise test, TCS = Time-Compressed Speech Test, RE = Right Ear, LE = Left Ear, N/A = not applicable (not tested yet)