Aided Speech Intelligibility Index (SII) Normative Values v1.0, Revision 2

Child's Name:

_____

Test Date: _____

NOTES: _____

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INSTRUCTIONS:

Step 1:
- **Calculate the child's 3-frequency PTA for 500, 1000, & 2000 Hz.**
- **Fit the aid to DSL v5 Child Targets as close as possible, trying not to deviate more than ±5 dB.**

Step 2:
- **Plot the aided SII value associated with the REAR measured with a 55 dB SPL speech input on panel A relative to the corresponding PTA on the X-axis.**
- **Plot the aided SII value associated with the REAR measured with a 65 dB speech input on panel B relative to the corresponding PTA on the X-axis.**

INTERPRETATION:
- **The solid line in each panel indicates the average aided SII values for children aged birth to 6 years.**
- **The dashed lines indicate the confidence intervals around the mean (lower = 1 SD; upper = 2 SD).**
- **If the child's aided SII values fall within the dashed lines, then the child's hearing aid fitting is electroacoustically acceptable for his/her PTA.**

A: 55 dB SPL

B: 65 dB SPL

The University of Western Ontario
PEDAMP
Pediatric Audiological Monitoring Protocol