

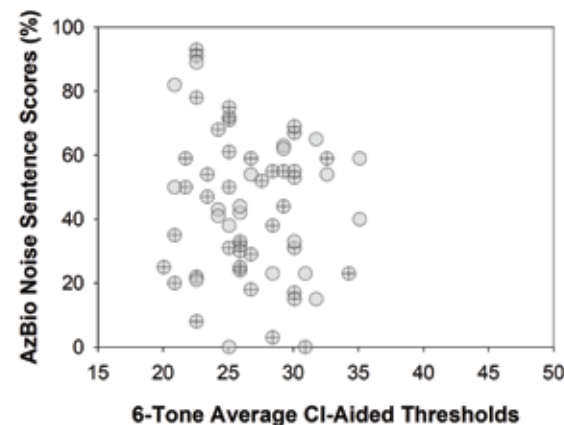
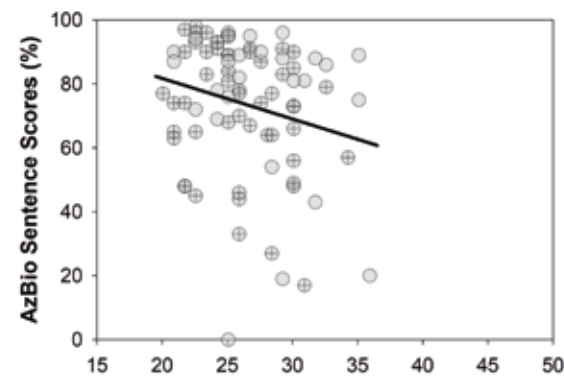
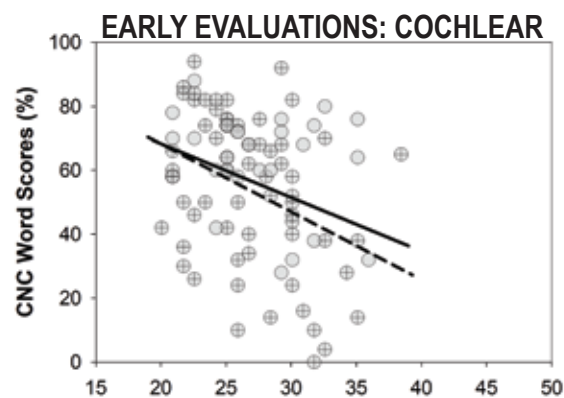
A

EARLY Data: CNC	
ALL MEASURED DATA**	
$r = -0.318$	
$p < 0.01$	
$N = 91$	
slope = 1.68	
OLDER DATA**	
$r = -0.371$	
$p < 0.01$	
$N = 66$	
slope = 2.12	
NEWER DATA	
$r = -0.0517$	
NS	
$N = 25$	
--	

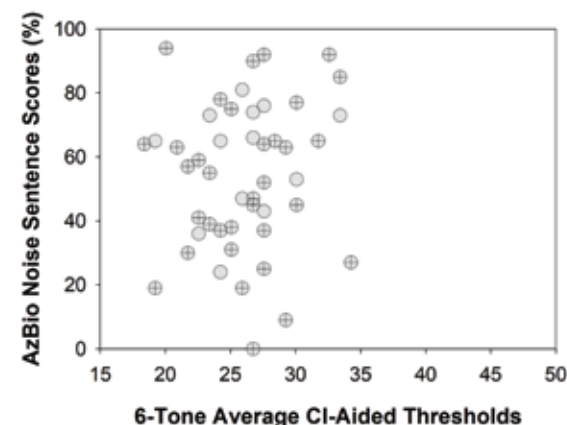
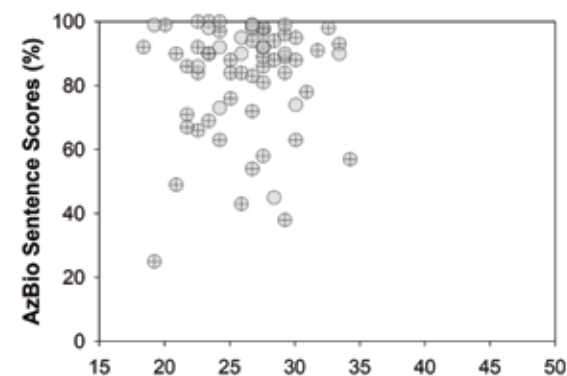
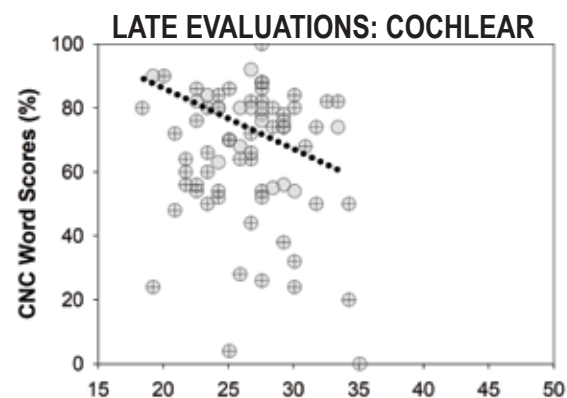
EARLY Data: AzBioQ	
ALL MEASURED DATA*	
$r = -0.221$	
$p < 0.05$	
$N = 81$	
slope = 1.27	
OLDER DATA	
$r = -0.246$	
NS	
$N = 56$	
--	
NEWER DATA	
$r = -0.050$	
NS	
$N = 25$	
--	

EARLY Data: AzBioN	
ALL MEASURED DATA	
$r = -0.145$	
NS	
$N = 64$	
--	
OLDER DATA	
$r = -0.170$	
NS	
$N = 43$	
--	
NEWER DATA	
$r = -0.135$	
NS	
$N = 21$	
--	

Speech Perception versus CI-Aided Thresholds



Speech Perception versus CI-Aided Thresholds



LATE Data: CNC	
ALL MEASURED DATA	
$r = -0.170$	
NS	
$N = 74$	
--	
OLDER DATA	
$r = -0.129$	
NS	
$N = 59$	
--	
NEWER DATA*	
$r = -0.526$	
$p < 0.05$	
$N = 15$	
slope = 1.91	

LATE Data: AzBioQ	
ALL MEASURED DATA	
$r = 0.059$	
NS	
$N = 67$	
--	
OLDER DATA	
$r = -0.123$	
NS	
$N = 52$	
--	
NEWER DATA	
$r = -0.271$	
NS	
$N = 15$	
--	

LATE Data: AzBioN	
ALL MEASURED DATA	
$r = 0.110$	
NS	
$N = 47$	
--	
OLDER DATA	
$r = 0.094$	
NS	
$N = 34$	
--	
NEWER DATA	
$r = 0.202$	
NS	
$N = 13$	
--	

Legend

Older Data	-----◇
Newer Data	◇
All Cochlear Data	—————◇

CI-Aided Speech Perception versus CI-Aided Thresholds. Panel A is Cochlear data comparison of *newer* (cochlear implant surgery dates between June 2018 and May 2021) and *older* (cochlear implant surgery dates between January 2014 and March 2016) data. N is the number of evaluations.

B

EARLY Data: CNC	
ALL AB DATA***	
$r = -0.559$	
$p < 0.001$	
$N = 43$	
slope = 2.88	
OLDER DATA**	
$r = -0.548$	
$p < 0.01$	
$N = 27$	
slope = 2.98	
NEWER DATA	
$r = -0.485$	
NS	
$N = 16$	
--	

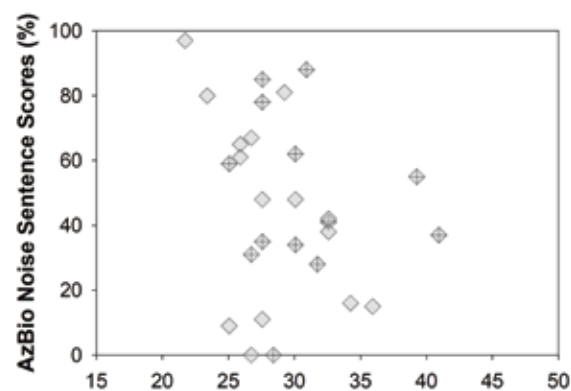
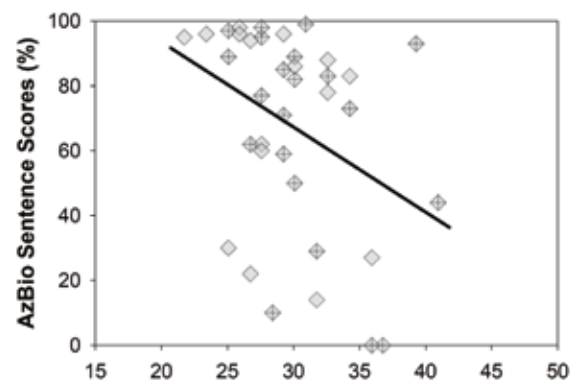
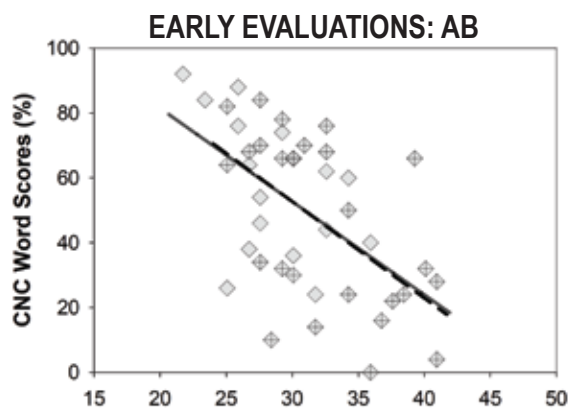
EARLY Data: AzBioQ	
ALL AB DATA***	
$r = -0.363$	
$p < 0.05$	
$N = 37$	
slope = 2.62	
OLDER DATA	
$r = -0.404$	
NS	
$N = 21$	
--	
NEWER DATA	
$r = -0.286$	
NS	
$N = 16$	
--	

EARLY Data: AzBioN	
ALL AB DATA	
$r = -0.274$	
NS	
$N = 28$	
--	
OLDER DATA	
$r = -0.092$	
NS	
$N = 13$	
--	
NEWER DATA	
$r = -0.487$	
NS	
$N = 15$	
--	

Legend

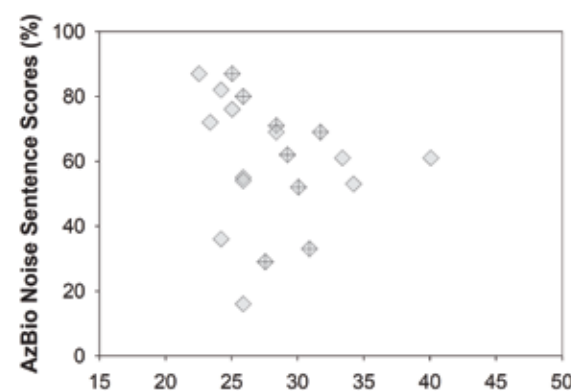
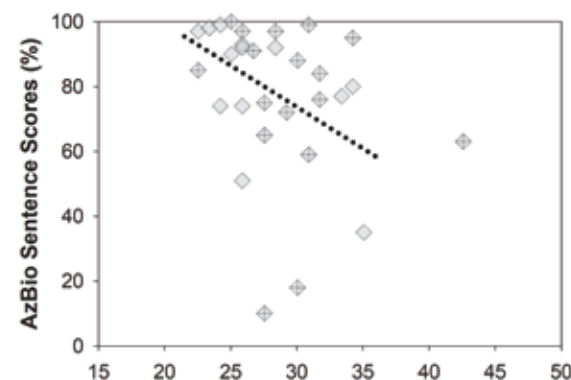
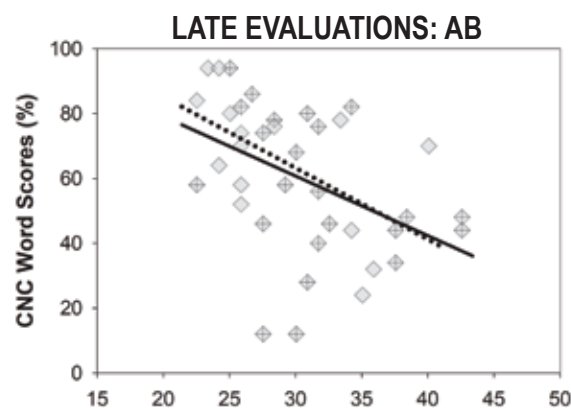
Older Data	-----	◆
Newer Data		◆
All AB Data	————	

Speech Perception versus CI-Aided Thresholds



6-Tone Average CI-Aided Thresholds

Speech Perception versus CI-Aided Thresholds



6-Tone Average CI-Aided Thresholds

LATE Data: CNC	
ALL AB DATA*	
$r = -0.448$	
$p < 0.01$	
$N = 38$	
slope = 1.84	
OLDER DATA	
$r = -0.319$	
NS	
$N = 23$	
--	
NEWER DATA*	
$r = -0.580$	
$P < 0.05$	
$N = 15$	
slope = 2.20	

LATE Data: AzBioQ	
ALL AB DATA	
$r = -0.298$	
NS	
$N = 30$	
--	
OLDER DATA	
$r = -0.127$	
NS	
$N = 17$	
--	
NEWER DATA*	
$r = -0.563$	
$P < 0.05$	
$N = 13$	
slope = 2.56	

LATE Data: AzBioN	
ALL AB DATA	
$r = -0.192$	
NS	
$N = 20$	
--	
OLDER DATA	
$r = -0.475$	
NS	
$N = 8$	
--	
NEWER DATA	
$r = -0.127$	
NS	
$N = 12$	
--	

CI-Aided Speech Perception versus CI-Aided Thresholds. Panel B is the AB data comparison of *newer* (cochlear implant surgery dates between June 2018 and May 2021) and *older* (cochlear implant surgery dates between January 2014 and March 2016) data. N is the number of evaluations.

C

EARLY Data: CNC	
ALL MED-EL DATA	
$r = -0.135$	NS
N = 15	--
OLDER DATA	
$r = 0.032$	NS
N = 11	--
NEWER DATA	
$r = -0.667$	NS
N = 4	--

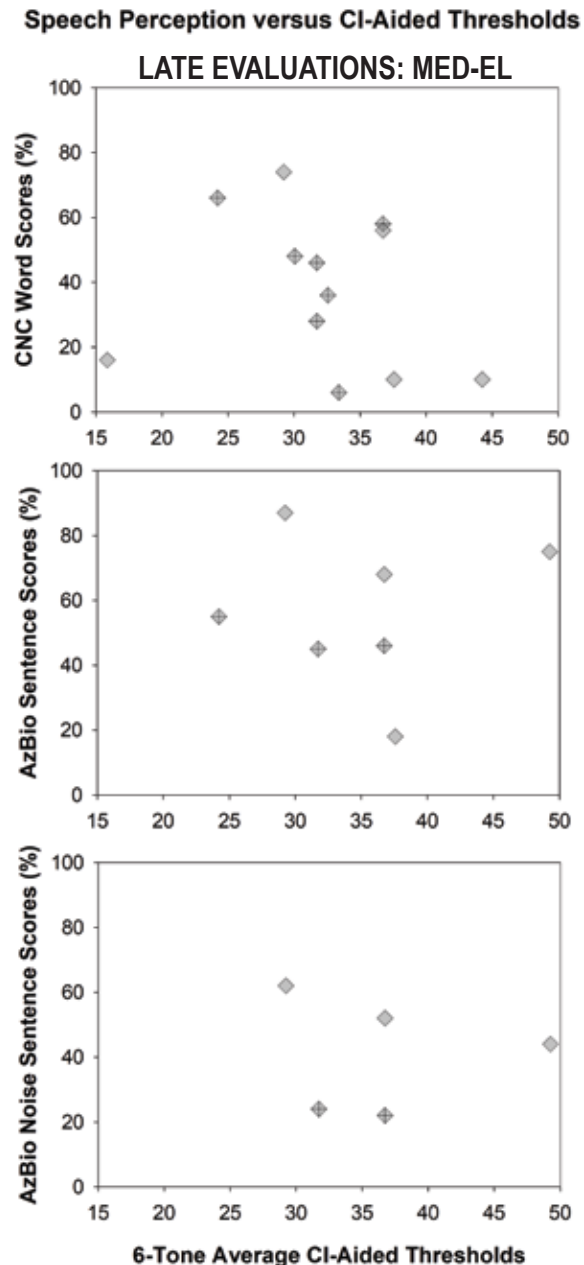
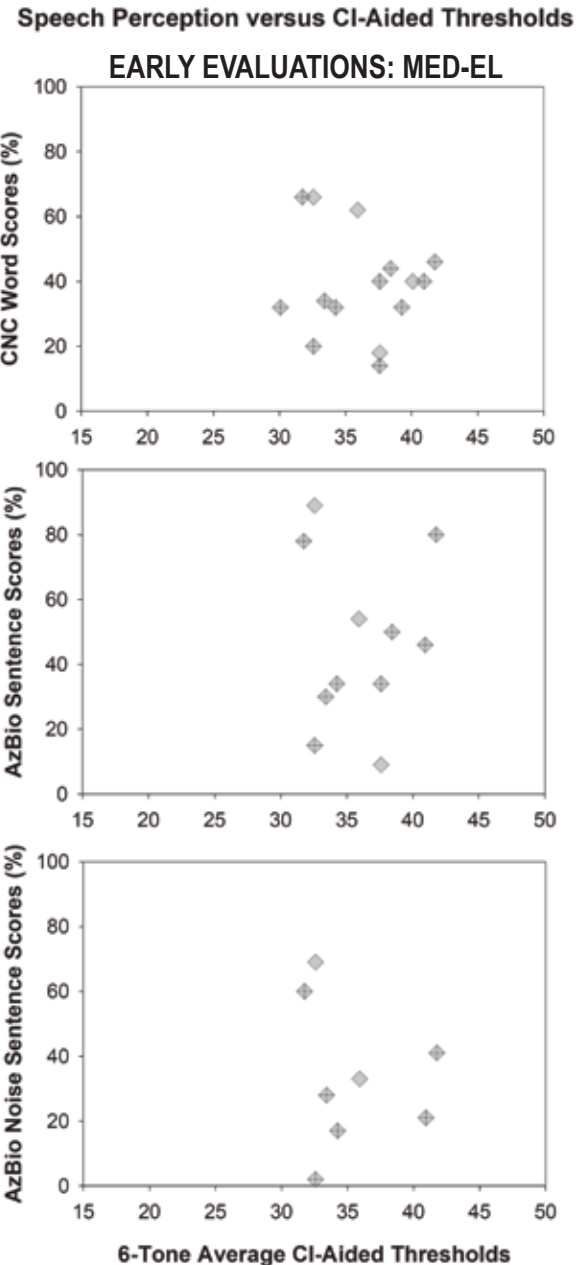
EARLY Data: AzBioQ	
ALL MED-EL DATA	
$r = 0.013$	NS
N = 11	--
OLDER DATA	
$r = 0.352$	NS
N = 8	--
NEWER DATA	
$r = -0.966$	NS
N = 3	--

EARLY Data: AzBioN	
ALL MED-EL DATA	
$r = -0.165$	NS
N = 8	--
OLDER DATA	
$r = 0.029$	NS
N = 6	--
NEWER DATA	
$r = -1.000$	NS
N = 2	--

LATE Data: CNC	
ALL MED-EL DATA	
$r = -0.187$	NS
N = 12	--
OLDER DATA	
$r = -0.385$	NS
N = 7	--
NEWER DATA	
$r = -0.109$	NS
N = 5	--

LATE Data: AzBioQ	
ALL MED-EL DATA	
$r = 0.041$	NS
N = 7	--
OLDER DATA	
$r = -0.878$	NS
N = 3	--
NEWER DATA	
$r = -0.082$	NS
N = 4	--

LATE Data: AzBioN	
ALL MED-EL DATA	
$r = -0.065$	NS
N = 5	--
OLDER DATA	
$r = -1.000$	NS
N = 2	--
NEWER DATA	
$r = -0.979$	NS
N = 3	--



Legend

Older Data	-----◆
Newer Data	◆
All MED-EL Data	————◆

CI-Aided Speech Perception versus CI-Aided Thresholds. Panel C is the MED-EL data comparison of *newer* (cochlear implant surgery dates between June 2018 and May 2021) and *older* (cochlear implant surgery dates between January 2014 and March 2016) data. N is the number of evaluations.