

ROI	Hemisphere	<i>t</i> -value	<i>p</i> -unc
<i>Normal-Baseline Correlation with SSI-Mod</i>			
mdPMC	Right	3.05	.0101
aFO	Left	3.02	.0107
	Right	2.72	.0185
midPMC	Right	2.62	.0222
pdPMC	Left	2.49	.0284
	Right	2.37	.0355
aSMg	Right	2.43	.0315
SPL	Right	2.32	.0389
adPMC	Right	2.30	.0400
PO	Left	2.29	.0406
pFO	Right	2.21	.0475
PCN	Right	2.21	.0475
<i>Rhythm-Baseline Correlation with SSI-Mod</i>			
SFg	Left	-2.54	.0262
aTFg	Left	2.48	.0291
aCG	Left	-2.33	.0380
aFO	Left	2.20	.0484
<i>Normal-Baseline Correlation with Disfluency Rate</i>			
aCO	Right	3.96	.0019
	Left	2.47	.0298
pCO	Right	3.36	.0057
aINS	Right	3.28	.0065
PO	Right	3.22	.0073
aiFs	Right	3.17	.0081
vSC	Right	2.50	.0277
MTO	Right	2.49	.0285
PT	Right	2.46	.0300
pvSTs	Right	2.42	.0324
pdSTs	Right	2.41	.0329
H	Right	2.39	.0343
pSMg	Right	2.37	.0351
pFO	Right	2.35	.0364
piFs	Right	2.30	.0405
aCG	Right	2.18	.0496
VA	Left	4.30	.0010
	Right	2.55	.0254
VL	Left	3.91	.0021
	Right	3.49	.0045
Cbm X	Left	2.73	.0184
Cbm iX	Left	2.54	.0258
	Right	2.42	.0326
Cbm V	Left	2.38	.0347
Putamen	Left	2.26	.0431
Cbm Vermis IX	Midline	2.22	.0462

Supplemental Table S4. Exploratory regions-of-interest with significant correlations between severity measures and speech activation in AWS ($p < .05$). unc = uncorrected, mdPMC = middle dorsal premotor cortex, aFO = anterior frontal operculum, midPMC = middle premotor cortex, pdPMC = posterior dorsal premotor cortex, aSMg = anterior supramarginal gyrus, SPL = superior parietal lobule, adPMC = anterior dorsal premotor cortex, PO = parietal operculum, pFO = posterior frontal operculum, PCN = precuneus, SFg = superior frontal gyrus, aTFg = anterior temporal fusiform gyrus, aCG = anterior cingulate gyrus, aCO = anterior central operculum, pCO = posterior central operculum, aINS = anterior insula, aIFs = anterior inferior frontal sulcus, vSC = ventral primary somatosensory cortex, MTO = middle temporo-occipital cortex, PT = planum temporale, pvSTs = posterior ventral superior temporal sulcus, pdSTs = posterior dorsal superior temporal sulcus, H = Heschl's gyrus, pSMg = posterior supramarginal gyrus, pFO = posterior frontal operculum, pIFs = posterior inferior frontal sulcus, VA = ventral anterior portion of the thalamus, VL = ventral lateral portion of the thalamus, Cbm = cerebellum.