

**Supplemental Table S1. Spontaneous speech variables for each aphasia subtype.**

Variable	ANO ( <i>n</i> = 85)		BRO ( <i>n</i> = 88)		CON ( <i>n</i> = 42)		WER ( <i>n</i> = 20)		TCM ( <i>n</i> = 11)		NABW ( <i>n</i> = 28)	
	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>
Total Utts	0.082	1.154	-0.177	0.940	0.234	0.898	0.439	1.172	-0.607	0.494	-0.118	0.564
WPM	-0.017	0.735	-0.701	0.526	0.469	0.888	1.309	1.477	-0.692	0.379	0.887	0.727
MLU	0.434	0.762	-0.927	0.663	0.314	0.772	0.275	0.859	-0.441	0.496	1.102	0.655
Complex Gram	0.160	0.518	-0.372	1.443	0.127	0.655	0.260	0.551	-0.332	1.422	0.441	0.313
Complex Ratio	-0.158	0.235	0.423	1.663	-0.290	0.209	-0.278	0.192	-0.043	0.242	-0.200	0.148
Noun Marking	0.349	0.891	-0.362	1.032	0.438	0.885	-0.457	0.870	-0.096	1.058	-0.215	0.874
Verb Marking	-0.016	0.833	0.077	1.260	0.299	1.153	-0.259	0.400	-0.206	0.584	-0.373	0.451
Gramm Err	-0.259	0.369	0.392	1.542	-0.032	0.641	0.008	0.602	-0.006	0.844	-0.404	0.040
Morph Err	-0.188	0.626	0.420	1.457	-0.156	0.455	-0.280	0.403	0.325	1.235	-0.440	0.177
Con:Fun	-0.080	0.696	0.041	1.127	0.107	0.821	0.603	2.020	-0.214	0.512	-0.393	0.167
Repair	-0.232	0.465	0.262	1.374	-0.052	0.796	0.495	1.291	0.000	1.126	-0.393	0.108
Prop Dens	0.332	0.489	-0.622	1.317	0.277	0.593	0.204	0.579	-0.565	1.329	0.606	0.295
MATTR	0.126	1.094	-0.364	0.644	0.349	0.908	1.087	1.509	-0.208	0.805	-0.455	0.428
Circ/ES	-0.525	0.634	0.758	1.107	-0.023	0.775	-0.053	0.488	0.007	0.932	-0.718	0.480
Jargon	-0.214	0.590	0.104	1.071	0.093	1.062	0.956	1.878	-0.250	0.415	-0.400	0.090
Neo Err	0.247	0.990	-0.595	0.883	0.311	0.922	0.112	1.034	-0.116	0.740	0.619	0.626
Phon Err	0.021	0.905	-0.123	1.261	0.069	0.691	0.611	1.010	-0.281	0.790	-0.105	0.625
Sem Err	0.247	0.830	-0.444	1.251	0.078	0.794	0.161	0.695	0.006	0.869	0.411	0.558
UR Wd Err	0.133	1.137	-0.461	0.529	0.171	0.848	0.117	0.966	0.347	2.065	0.570	0.822

- **ANO** = anomic aphasia; **BRO** = Broca's aphasia; **CON** = conduction aphasia; **WER** = Wernicke's aphasia; **TCM** = transcortical motor aphasia; **NABW** = not aphasic by WAB.
- **Total Utts** = # total utterances; **WPM** = speech rate in words per minute; **MLU** = mean length of utterances in words; **Complex Gram** = % grammatically complex utterances; **Complex Ratio** = % grammatically complex sentences; **Noun Marking** = % nouns inflected; **Verb Marking** = % verbs inflected; **Gramm Err** = % utterances with grammatical errors; **Morph Err** = % utterances with morphological errors; **Con:Fun** = content:function word ratio; **Repair** = % utterances with repetition or retracing; **Prop Dens** = propositional density; **MATTR** = moving average type-token ratio; **Circ/Es** = % utterances with circumlocution or empty speech; **Jar** = % utterances containing jargon; **Neo Err** = % neologistic errors of total words; **Phon Err** = % phonologically related words of total words; **Sem Err** = % semantically related words of total words; **UR Wd Err** = % unrelated word errors of total words.