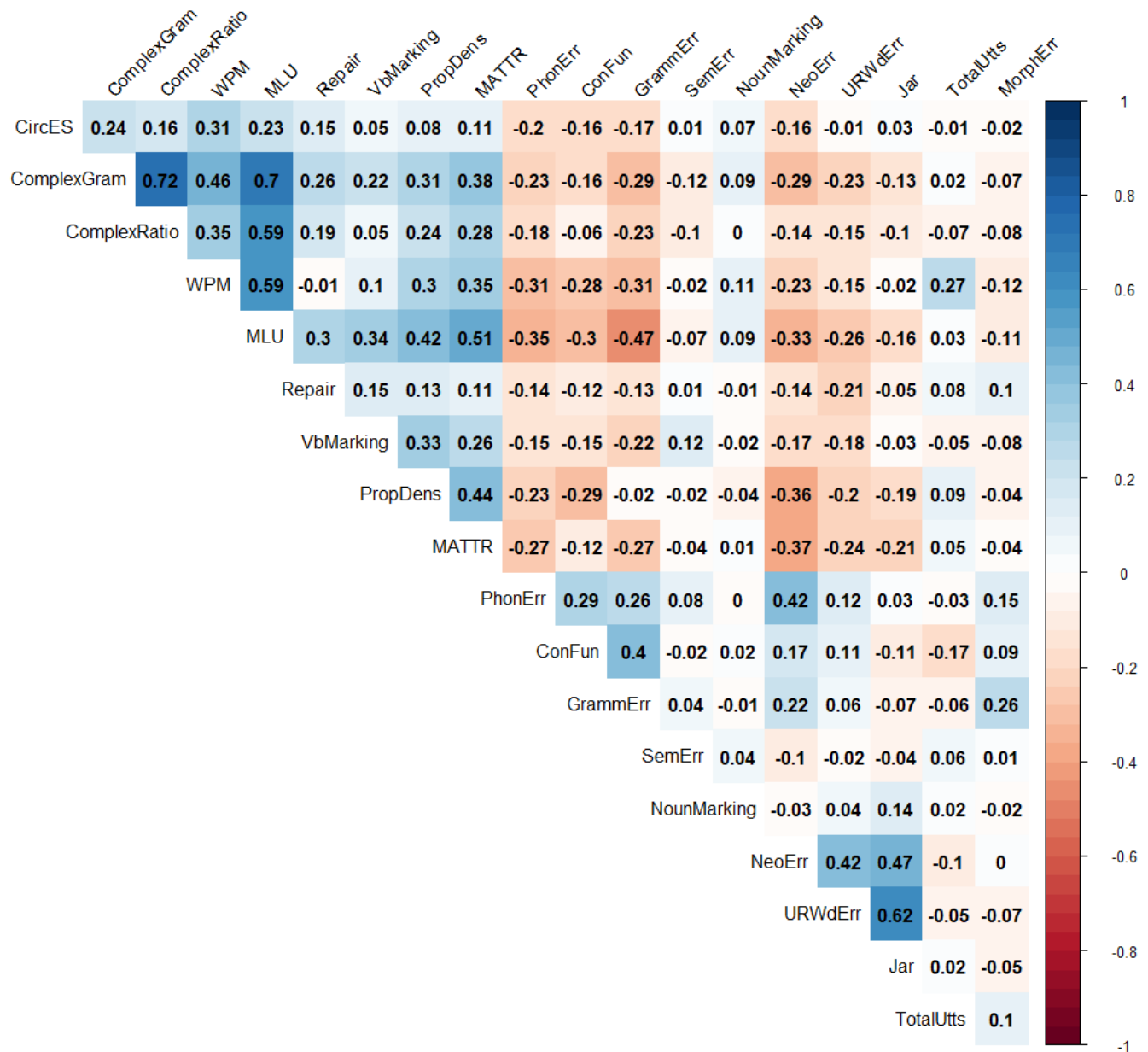**Supplemental Figure S1. Intercorrelations among spontaneous speech measures.** Measures are arranged in order of similarity. Blue shading represents positive correlations; red shading represents negative correlations.

	ComplexGram	ComplexRatio	WPM	MLU	Repair	VbMarking	PropDens	MATTR	PhonErr	ConFun	GrammErr	SemErr	NounMarking	NeoErr	URWdErr	Jar	TotalUtts	MorphErr
CircES	0.24	0.16	0.31	0.23	0.15	0.05	0.08	0.11	-0.2	-0.16	-0.17	0.01	0.07	-0.16	-0.01	0.03	-0.01	-0.02
ComplexGram		0.72	0.46	0.7	0.26	0.22	0.31	0.38	-0.23	-0.16	-0.29	-0.12	0.09	-0.29	-0.23	-0.13	0.02	-0.07
ComplexRatio			0.35	0.59	0.19	0.05	0.24	0.28	-0.18	-0.06	-0.23	-0.1	0	-0.14	-0.15	-0.1	-0.07	-0.08
WPM				0.59	-0.01	0.1	0.3	0.35	-0.31	-0.28	-0.31	-0.02	0.11	-0.23	-0.15	-0.02	0.27	-0.12
MLU					0.3	0.34	0.42	0.51	-0.35	-0.3	-0.47	-0.07	0.09	-0.33	-0.26	-0.16	0.03	-0.11
Repair						0.15	0.13	0.11	-0.14	-0.12	-0.13	0.01	-0.01	-0.14	-0.21	-0.05	0.08	0.1
VbMarking							0.33	0.26	-0.15	-0.15	-0.22	0.12	-0.02	-0.17	-0.18	-0.03	-0.05	-0.08
PropDens								0.44	-0.23	-0.29	-0.02	-0.02	-0.04	-0.36	-0.2	-0.19	0.09	-0.04
MATTR									-0.27	-0.12	-0.27	-0.04	0.01	-0.37	-0.24	-0.21	0.05	-0.04
PhonErr										0.29	0.26	0.08	0	0.42	0.12	0.03	-0.03	0.15
ConFun											0.4	-0.02	0.02	0.17	0.11	-0.11	-0.17	0.09
GrammErr												0.04	-0.01	0.22	0.06	-0.07	-0.06	0.26
SemErr													0.04	-0.1	-0.02	-0.04	0.06	0.01
NounMarking														-0.03	0.04	0.14	0.02	-0.02
NeoErr															0.42	0.47	-0.1	0
URWdErr																0.62	-0.05	-0.07
Jar																	0.02	-0.05
TotalUtts																		0.1

CircEs = % utterances with circumlocution or empty speech; **ComplexGram** = % grammatically complex utterances; **ComplexRatio** = % grammatically complex sentences; **WPM** = speech rate in words per minute; **MLU** = mean length of utterances in words; **Repair** = % utterances with repetition or retracing; **VbMarking** = % verbs inflected; **PropDens** = propositional density; **MATTR** = moving average type-token ratio; **PhonErr** = % phonologically related words of total words; **ConFun** = content:function word ratio; **GrammErr** = % utterances containing grammatical errors; **SemErr** = % semantically related words of total words; **NounMarking** = % nouns inflected; **NeoErr** = % neologistic errors of total words; **URWdErr** = % unrelated word errors of total words; **Jar** = % utterances containing jargon; **TotalUtts** = number of total utterances; **MorphErr** = % utterances with morphological errors.