

## Supplemental Material S2. Linear mixed model details.

### *Western Aphasia Battery–Revised Aphasia Quotient*

Fixed Effects	Test Period	Estimate	SE	95% CI	t	p
	Initial	50.862	5.042	40.516-61.209	10.088	< .001
	1-year	58.959	5.042	48.613-69.305	11.694	< .001
	2-year	61.151	5.090	50.723-71.579	12.013	< .001
Time Period	Mean dif	SE	CI	p		
Pairwise						
Comparisons						
Initial to 1-year	8.096	1.202	5.103-11.09	< .001		
1-year to 2-year	2.192	1.391	-1.269-5.653	.367		
Initial to 2-year	10.288	1.723	5.853-14.724	< .001		
Random Effects	Participant Intercept	618.140				
Model	-2 Restricted Log Likelihood	544.814				

### *An Object and Action Battery Items (N = 40)*

All Subject and Reunion Battery Items (N = 10)						
Fixed Effects	Test Period	Estimate	SE	95% CI	t	p
	Initial	0.412	0.073	0.260-0.565	5.583	< .001
	1-year	0.49	0.073	0.337-0.642	6.632	< .001
	2-year	0.521	0.074	0.368-0.675	7.002	< .001
Time Period	Mean dif	SE	CI	p		
Pairwise						
Comparisons						
Initial to 1-year	0.078	0.018	0.031-0.124	< .001		
1-year to 2-year	0.031	0.021	0.02-0.083	.407		
Initial to 2-year	0.109	0.026	0.041-0.177	.001		
Random Effects	Participant Intercept	0.118				
Model	-2 Restricted Log Likelihood	-54.087				

*The Aphasia Communication Outcome Measure (ACOM)*

Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	46.827	2.245	42.332-51.323	20.85	< .001
	1-year	56.291	2.160	51.965-60.618	26.053	< .001
	2-year	52.473	2.388	47.697-57.251	21.966	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	9.464	2.571	3.029-15.899	.002		
1-year to 2-year	-3.818	2.721	-10.602-2.966	.504		
Initial to 2-year	5.646	3.042	-2.114-13.406	.223		
Random Effects	Participant Intercept	13.694				
Model	-2 Restricted Log Likelihood	498.695				

*Assessment of Living with Aphasia (ALA)*

Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	2.206	0.097	2.011-2.401	22.73	< .001
	1-year	2.757	0.098	2.560-2.955	28.001	< .001
	2-year	2.970	0.113	2.744-3.198	26.21	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	0.551	0.112	0.27-0.832	< .001		
1-year to 2-year	0.213	0.126	-0.101-0.528	.294		
Initial to 2-year	0.764	0.141	0.417-1.111	< .001		
Random Effects	Participant Intercept	0				
Model	-2 Restricted Log Likelihood	86.976				

*Communication Effectiveness Index (CETI)*

Fixed Effects	Test Period	Estimate	<i>SE</i>	95% CI	<i>t</i>	<i>p</i>
	Initial	46.729	2.047	42.598-50.860	22.822	< .001
	1-year	59.195	2.138	54.891-63.499	27.686	< .001
	2-year	60.020	2.485	55.038-65.003	24.149	< .001
Time Period	Mean dif	<i>SE</i>	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	12.465	2.028	7.352-17.578	< .001		
1-year to 2-year	0.825	2.41	-5.212-6.863	1		
Initial to 2-year	13.291	2.452	6.98-19.601	< .001		
Random Effects	Participant Intercept	56.36653				
Model	-2 Restricted Log Likelihood	453.78				

*Average Number of Words in Discourse*

Average Number of Words and Discourse						
Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	127.509	24.019	78.851-176.167	5.309	< .001
	1-year	135.248	24.019	86.590-183.906	5.631	< .001
	2-year	194.590	24.019	145.932-243.249	8.102	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	7.739	15.7	-31.142-46.62	1		
1-year to 2-year	59.343	15.7	20.461-98.224	.001		
Initial to 2-year	67.081	20.686	14.748-119-415	.008		
Random Effects	Participant Intercept	2968.643				
Model	-2 Restricted Log Likelihood	934.101				

*Percentage of Correct Information Units (%CIU) in Discourse*

Fixed Effects	Test Period	Estimate	<i>SE</i>	95% CI	<i>t</i>	<i>p</i>
	Initial	29.632	4.662	19.978-39.287	6.356	< .001
	1-year	31.531	4.685	21.839-41.224	6.729	< .001
	2-year	39.174	4.811	29.269-49.079	8.141	< .001
Time Period	Mean dif	<i>SE</i>	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	1.899	2.184	-3.665-7.462	1		
1-year to 2-year	-7.643	2.445	1.457-13.829	.011		
Initial to 2-year	9.541	2.467	3.09-15.993	.003		
Random Effects	Participant Intercept	407.446				
Model	-2 Restricted Log Likelihood	427.05				

*Percentage of Utterances with Relevant and Accurate Subject, Verb and Object (%REL) in Discourse*

Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	33.015	5.488	21.640-44.391	6.016	< .001
	1-year	39.264	5.514	27.846-50.682	7.121	< .001
	2-year	41.502	5.591	29.957-53.048	7.422	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise Comparisons						
Initial to 1-year	6.249	2.515	-0.236-12.733	.062		
1-year to 2-year	2.238	2.706	-4.66-9.136	1		
Initial to 2-year	8.487	2.106	2.863-14.11	.003		
Random Effects	Participant Intercept	588.973664				
Model	-2 Restricted Log Likelihood	436.298				

*Correct Information Units Per Minute (CIUs/min) in Discourse*

Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	1.106	0.117	0.860-1.35	9.386	< .001
	1-year	1.172	0.117	0.926-1.418	9.939	< .001
	2-year	1.248	0.119	1.000-1.497	10.475	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise						
Comparisons						
Initial to 1-year	0.065	0.033	-0.02-0.15	.184		
1-year to 2-year	0.077	0.038	-0.019-0.172	.152		
Initial to 2-year	0.142	0.04	0.036-0.247	.007		
Random Effects	Participant Intercept	0.265				
Model	-2 Restricted Log Likelihood	3.229				

*Percentage of Complete Utterances (%CUs) in Discourse*

Fixed Effects	Test Period	Estimate	SE	95% CI	<i>t</i>	<i>p</i>
	Initial	1.045	0.158	0.717-1.373	6.597	< .001
	1-year	1.100	0.158	0.772-1.428	6.948	< .001
	2-year	1.09	0.164	0.755-1.429	6.679	< .001
Time Period	Mean dif	SE	CI	<i>p</i>		
Pairwise						
Comparisons						
Initial to 1-year	0.056	0.074	-0.131-0.243	1.0		
1-year to 2-year	0.008	0.084	-0.205-0.221	1.0		
Initial to 2-year	0.048	0.101	-0.310-0.215	1.0		
Random Effects	Participant Intercept	0.379				
Model	-2 Restricted Log Likelihood	67.812				