

**Supplemental Material S2.** Language testing results.

Participant	Philadelphia Naming Test*			Pyramids and Palm Trees**	PALPA 02***a		PALPA 15 <sup>b</sup>		PALPA 49 <sup>c</sup>	PALPA 50 <sup>d</sup>
	Total Correct	s-weight	p-weight	3-Picture	Same	Different	Written Overall	Auditory Overall	Overall	Overall
S1	122	0.0232	0.0257	0.942	0.917	0.556	0.533	0.85	0.767	0.733
S2	3	0.0001	0.0113	0.885	0.972	0.694	0.483	0.733	0.7	0.833
S3	142	0.0400	0.0163	0.96	1	0.9444	0.62	0.98	0.82	0.95
S4	72	0.0219	0.0194	0.7885	0.9444	0.9722	0.5	0.9167	0.6667	0.5333
S5	58	0.0151	0.0151	0.94	0.97	1	0.47	0.85	0.72	0.82
S6	156	0.0331	0.0282	0.9615	1	1	0.9833	1	0.9333	0.8667
S7	144	0.0275	0.0238	0.9615	0.9167	0.9722	0.75	0.8833	0.8167	0.8167
S8	141	0.0275	0.0375	0.923	0.972	0.972	0.833	0.983	0.883	0.9
S9	110	0.0213	0.0263	0.8846	0.1389	0.8056	0.5833	0.7	0.7833	0.7833
S10	45	0.0151	0.0225	0.9038	0.9722	0.9444	0.5667	0.9833	0.7833	0.8167
S11	137	0.0331	0.0182	0.7692	0.8611	1	0.6833	1	0.8667	0.9167
S12	86	0.0182	0.0219	0.9615	0.9167	1	0.6667	0.9333	0.7833	0.75
S13	133	0.0275	0.0213	0.9038	1	1	0.55	0.7833	0.7333	0.5333
S14	74	0.0213	0.0126	0.8846	1	0.9722	0.6	0.9833	0.8166	0.6666
S15	124	0.0257	0.0207	0.923	0.8611	0.5555	0.8333	0.8333	0.6	0.8166
S16	85	0.0163	0.0288	0.9615	1	0.9722	0.8666	0.9833	0.9166	0.9833
S17	141	0.0356	0.0194	0.9038	1	1	0.8833	1	0.9833	0.9667
S18	141	0.0263	0.0275	0.9615	1	1	0.95	0.9833	0.9333	0.95
S19	159	0.03	0.035	0.9038	0.9444	1	0.8833	0.9167	0.9167	0.95
S20	74	0.02	0.0151	0.8269	1	0.83	0.4	0.9	0.5667	0.62
S21	88	0.0219	0.0157	0.9039	1	0.67	0.5667	0.85	0.8667	0.85
S22	41	0.0369	0.0244	0.9423	0.8611	0.8333	0.65	0.8167	0.7	0.7
S23	157	0.04	0.0255	1	0.9167	1	0.8833	0.8333	0.8833	0.9167
S24	135	0.0388	0.0151	0.9615	1	1	0.7833	1	0.85	0.85
S25	130	0.0263	0.03	0.8461	1	0.9722	0.6167	0.9667	0.7	0.6833
S26	119	0.025	0.025	0.9423	0.8333	0.6944	0.4833	0.9167	0.8	0.7333

<b>S27</b>	92	0.0157	0.0257	0.9423	0.9444	0.8333	0.6167	0.85	0.7333	0.75
<b>S28</b>	132	0.0288	0.0213	0.9615	1	0.8889	0.55	0.9167	0.8833	0.8667
<b>S29</b>	161	0.04	0.0263	0.9423	1	1	0.78	0.9167	0.9	0.8833
<b>S30</b>	98	0.0213	0.02	0.9615	1	1	0.65	0.1	0.8667	0.7667
<b>S31</b>	121	0.0238	0.0263	0.9038	0.9167	1	0.90	0.9667	0.9333	0.9333
<b>S32</b>	106	0.0238	0.0176	0.9615	0.9167	0.4722	0.6167	0.65	0.9167	0.9667
<b>S33</b>	119	0.0207	0.0282	0.9615	1	1	0.7667	0.95	0.65	0.75
<b>S34</b>	69	0.0182	0.0157	0.9615	0.8889	0.8611	0.5	0.9	0.7	0.6833
<b>S35</b>	103	0.0188	0.02	0.8846	0.8055	0.6389	0.8	0.8	0.85	0.8833
<b>S36</b>	156	0.0388	0.0213	1	0.75	0.8889	0.8333	0.9667	0.8167	0.7833
<b>S37</b>	148	0.0394	0.0219	0.9423	0.9444	0.9722	0.8	0.9833	0.7333	0.8333
<b>S38</b>	147	0.0306	0.0244	0.9038	1	0.6389	0.6667	0.9833	0.7667	0.65
<b>S39</b>	145	0.0388	0.0213	0.9230	0.9722	1	0.95	0.9833	0.9	0.7833
<b>S40</b>	136	0.0275	0.0263	0.9615	0.9444	0.9444	0.5333	0.7333	0.7667	0.6167
<b>S41</b>	154	0.04	0.0188	0.9038	0.8611	0.9444	0.8	0.95	0.8833	0.9
<b>S42</b>	8	0.0007	0.0157	0.8846	0.7778	0.9167	0.5333	0.8667	0.5667	0.63
<b>S43</b>	125	0.0219	0.0306	0.7692	1	0.9722	0.5833	0.6167	0.6667	0.5
<b>S44</b>	89	0.0188	0.0213	0.9423	0.8055	0.9444	0.6333	0.9333	0.7667	0.7
<b>AVG (SD)</b>	111.95 (39.92)	0.02526 (0.00966)	0.02255 (0.00593)	0.92 (0.05)	0.92 (0.14)	0.89 (0.15)	0.69 (0.15)	0.89 (0.09)	0.8 (0.1)	0.8 (0.13)

\*Philadelphia Naming Test (PNT; Roach et al., 1996); \*\*Pyramids and Palm Trees (PPT; Howard & Patterson, 1992); \*\*\*PALPA (Psycholinguistic Assessments of Language Processing in Aphasia; Kay et al., 1996): a – Minimal Pair Same/Different Judgement, b – Word Rhyme Judgement, c – Auditory Synonym Judgement, d – Written Synonym Judgement

## References

- Howard, D., & Patterson, K. (1992). *The Pyramids and Palm Trees Test: A test of semantic access from words and pictures*. Pearson Assessment.
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