

Appendix 1: Domains of MMSE-J.

MMSE-J domain	Range of score*
1. Orientation to time	0 (poor)-5 (good)
2. Orientation to place	0-5
3. Three-word registration	0-3
4. Attention and calculation	0-5
5. Three-word recall	0-3
6. Language (naming)	0-2
7. Language (repeating)	0-1
8. Language (3-step command)	0-3
9. Language (reading)	0-1
10. Language (writing)	0-1
11. Visual construction	0 - 1

MMSE-J: Mini Mental State Examination-Japanese

* Unit of score is one point

Appendix 2: Mean difference from baseline by MMSE-J domains in mild AD.

MMSE-J domains	Plasmalogen (n=50)			Placebo (n=48)			P-value
	Mean	SD	(95% CI)	Mean	SD	(95% CI)	
1. Orientation to time	-0.18	1.65	(-0.65: 0.29)	-0.15	1.30	(-0.52: 0.23)	0.91
2. Orientation to place	-0.06	0.96	(-0.33: 0.21)	0.10	1.08	(-0.21: 0.42)	0.43
3. Three-word registration	0.02	0.32	(-0.07: 0.11)	-0.02	0.14	(-0.06: 0.02)	0.42
4. Attention and calculation	0.24	1.72	(-0.25: 0.73)	0.48	1.57	(0.02: 0.94)	0.47
5. Three-word recall	0.02	1.08	(-0.29: 0.33)	-0.19	0.89	(-0.45: 0.07)	0.30
6. Language (naming)	0.00	0.00	(—)	0.02	0.14	(-0.02: 0.06)	0.31
7. Language (repeating)	0.04	0.20	(-0.02: 0.10)	0.02	0.25	(-0.05: 0.09)	0.68
8. Language (3-step command)	-0.04	0.45	(-0.17: 0.09)	-0.10	0.52	(-0.25: 0.05)	0.51
9. Language (reading)	0.00	0.00	(—)	0.00	0.00	(—)	—
10. Language (writing)	0.02	0.32	(-0.07: 0.11)	0.04	0.29	(-0.04: 0.13)	0.73
11. Visual construction	0.00	0.45	(-0.13: 0.13)	-0.02	0.44	(-0.15: 0.11)	0.82

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