

Supplemental Material S2. Mean descriptive data and statistical results of the microlinguistic variables extracted from discourse samples distinguishing the AD and the WWBI groups.

Linguistic variable	Category	AD (<i>n</i> = 9)		WWBI (<i>n</i> = 10)		<i>t</i> test (<i>p</i> value)	Corrected <i>p</i> value*
		<i>M</i> (<i>SD</i>)	Minimum-maximum	<i>M</i> (<i>SD</i>)	Minimum-Maximum		
Connector ratio	Connector measures	0.09 (0.04)	(0.023, 0.15)	0.12 (0.02)	(0.08, 0.14)	-1.31 (.20)	.09
Sentences	Descriptive measures	26.66 (11.99)	(9, 47)	50.9 (22.09)	(19, 96)	-2.92 (.01)	.013
Words per sentence	Descriptive measures	5.29 (1.24)	(3.77, 7.88)	5.25 (0.43)	(4.79, 6.17)	0.092 (.92)	.19
Words	Descriptive measures	147.88 (82.86)	(34, 276)	267.80 (117.81)	(94, 506)	-2.54 (.02)	.02
Preposition diversity	Lexical diversity	0.66 (0.22)	(0.36, 1)	0.464 (0.11)	(0.28, 0.66)	2.4 (.02)	.02
Pronoun diversity	Lexical diversity	0.54 (0.16)	(0.38, 0.8)	0.41 (0.09)	(0.29, 0.55)	2.35 (.03)	.04
Relative clauses	Lexical diversity	0.09 (0.05)	(0, 0.15)	0.06 (0.04)	(0.01, 0.12)	1.96 (.06)	.05
Indicative present ratio	Lexical diversity	0.47 (0.2)	(0.11, 0.9)	0.30 (0.16)	(0.06, 0.50)	1.81 (.08)	.05
Noun diversity	Lexical diversity	0.73 (0.179)	(0.43, 1)	0.65 (0.07)	(0.56, 0.76)	1.35 (.19)	.08
Type-to-token ratio (TTR)	Lexical diversity	0.68 (0.12)	(0.48, 0.91)	0.63 (0.04)	(0.58, 0.70)	1.25 (.22)	.09
Content density	Lexical diversity	1.37 (0.30)	(0.94, 1.83)	1.27 (0.16)	(0.92, 1.46)	0.93 (.38)	.13
Function-to-content words ratio	Lexical diversity	0.76 (0.17)	(0.54, 1.06)	0.80 (0.12)	(0.68, 1.08)	-0.58 (.56)	.15
Content word diversity	Lexical diversity	0.74 (0.10)	(0.58, 0.90)	0.72 (0.053)	(0.64, 0.79)	0.49 (.62)	.15
Concreteness mean	Psycholinguistic measures	4.38 (0.34)	(3.8, 4.69)	4.57 (0.18)	(4.32, 4.85)	-1.50 (.15)	.07
Imageability mean	Psycholinguistic measures	4.74 (0.26)	(4.29, 4.98)	4.86 (0.12)	(4.71, 5.04)	-1.22 (.27)	.10
Acquisition age mean	Psycholinguistic measures	2.92 (0.24)	(2.53, 3.35)	2.90 (0.16)	(2.62, 3.08)	0.21 (.84)	.17
Familiarity mean	Psycholinguistic measures	5.31 (0.069)	(5.10, 5.41)	5.31 (0.08)	(5.17, 5.47)	0.18 (.85)	.18
Brunet	Readability measures	10.53 (1.64)	(7.39, 12.45)	11.97 (0.99)	(9.96, 13.07)	-2.35 (.03)	.03
Honore	Readability measures	876.65 (579.63)	(416.48, 2373.79)	721.06 (89.96)	(630.35, 941.03)	0.84 (.41)	.13
Flesch	Readability measures	90.66 (6.73)	(82.91, 101.59)	90.02 (4.97)	(83.36, 97.56)	0.24 (.81)	.17

Frazier	Syntax complexity	6.24 (0.40)	(5.38, 6.72)	6.39 (0.27)	(5.96, 7)	-0.95 (.35)	.12
Yngve	Syntax complexity	1.59 (0.14)	(1.35, 1.83)	1.57 (0.05)	(1.49, 1.68)	0.28 (.78)	.16
Verbal time mood diversity	Temporal lexicon	3.33 (0.71)	(2, 4)	4.6 (1.07)	(3, 7)	-2.99 (.01)	.006
Content word frequency	Word frequency	627251.22 (334455.33)	(259314.09, 1235414.37)	519957.64 (152240.29)	(204637.46, 742153.80)	0.92 (.37)	.12
Verbs	Word morphosyntactic information	0.26 (0.03)	(0.22, 0.31)	0.23 (0.02)	(0.20, 0.27)	1.77 (.11)	.06
Noun ratio	Word morphosyntactic information	0.17 (0.04)	(0.11, 0.2)	0.19 (0.02)	(0.17, 0.22)	-1.62 (.14)	.06
Inflected verbs	Word morphosyntactic information	0.81 (0.06)	(0.74, 0.91)	0.78 (0.05)	(0.71, 0.88)	1.11 (.28)	.11
Pronoun ratio	Word morphosyntactic information	0.165 (0.04)	(0.08, 0.23)	0.15 (0.03)	(0.09, 0.20)	0.83 (.42)	.14
Infinitive verbs	Word morphosyntactic information	0.107 (0.04)	(0.05, 0.2)	0.10 (0.04)	(0.03, 0.15)	0.07 (.94)	.20

Note. AD = Alzheimer's disease group; WWBI = women without brain injury; *M* = mean; *SD* = standard deviation.

*Corrected *p* value using the Benjamini-Hochberg procedure.