Prosodic patterns

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Contents

Breaks by condition

PP1 Break

Table 1: Both readings

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	81	2	83	4
Break	181	262	181	255

Table 2: Reading 1

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	39	1	40	1

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
Break	92	132	92	130

Table 3: Reading 2

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	42	1	43	3
Break	89	130	89	125

OBJ Break

Table 4: Both readings

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	52	96	69	86
Break	210	169	196	175

Table 5: Reading 1

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	31	60	33	54
Break	100	73	99	77

Table 6: Reading 2

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
No break	21	36	36	32
Break	110	96	97	98

Breaks by $\pm Q$

PP1 Break by $\pm Q$

Table 7: Both readings

	-Q	+Q
No break	83	87

	-Q	+Q
Break	443	436

Table 8: Reading 1

	-Q	+Q
No break	40	41
Break	224	222

Table 9: Reading 2

	-Q	+Q
No break	43	46
Break	219	214

OBJ Break by ±Q

Table 10: Both readings

	-Q	+Q
No break	148	155
Break	379	371

Table 11: Reading 1

	-Q	+Q
No break	91	87
Break	173	176

Table 12: Reading 2

	-Q	+Q
No break	57	68
Break	206	195

Breaks by ±GP

PP1 Break by ±GP

Table 13: Both readings

	-GP	+GP
No break	164	6
Break	362	517

Table 14: Reading 1

	-GP	+GP
No break	79	2
Break	184	262

Table 15: Reading 2

	-GP	+GP
No break	85	4
Break	178	255

OBJ Break by ±GP

Table 16: Both readings

	-GP	+GP
No break	121	182
Break	406	344

Table 17: Reading 1

	-GP	+GP
No break	64	114
Break	199	150

Table 18: Reading 2

	-GP	+GP
No break	57	68
Break	207	194

3-level prosodic pattern

Table 19: Both readings

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	70	3	74	6
OBJ > PP1	68	42	65	32
OBJ > V	7	0	3	0
OBJ > V PP1	4	6	2	2
OBJ PP1	12	12	7	7
PP1	44	79	55	79
PP1 > OBJ	44	102	40	122
PP1 > OBJ > V	0	0	0	1
PP1 > V	6	15	7	7
PP1 > V OBJ	2	5	5	4
V	0	0	3	0
V > OBJ	3	0	2	0
V > OBJ PP1	0	0	0	1
V > PP1	0	1	1	0
V PP1	1	0	0	0

Table 20: Reading 1

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	36	1	36	1
OBJ > PP1	29	15	30	12
OBJ > V	1	0	2	0
OBJ > V PP1	2	2	1	1
OBJ PP1	5	8	4	2
PP1	27	50	27	51
PP1 > OBJ	23	47	25	60
PP1 > OBJ > V	0	0	0	0
PP1 > V	3	10	3	3
PP1 > V OBJ	2	0	1	1
V	0	0	0	0

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
V > OBJ	2	0	1	0
V > OBJ PP1	0	0	0	0
V > PP1	0	0	1	0
V PP1	1	0	0	0

Table 21: Reading 2

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	34	2	38	5
OBJ > PP1	39	27	35	20
OBJ > V	6	0	1	0
OBJ > V PP1	2	4	1	1
OBJ PP1	7	4	3	5
PP1	17	29	28	28
PP1 > OBJ	21	55	15	62
PP1 > OBJ > V	0	0	0	1
PP1 > V	3	5	4	4
PP1 > V OBJ	0	5	4	3
V	0	0	3	0
V > OBJ	1	0	1	0
V > OBJ PP1	0	0	0	1
V > PP1	0	1	0	0
V PP1	0	0	0	0

2-level prosodic pattern

Table 22: Both readings

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	80	3	79	6
OBJ > PP1	72	48	67	34
OBJ PP1	12	12	7	8
PP1	51	95	63	86
PP1 > OBJ	46	107	45	127

Table 23: Reading 1

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	39	1	39	1
OBJ > PP1	31	17	31	13
OBJ PP1	5	8	4	2
PP1	31	60	31	54
PP1 > OBJ	25	47	26	61

Table 24: Reading 2

	-Q -GP	-Q +GP	+Q -GP	+Q +GP
OBJ	41	2	40	5
OBJ > PP1	41	31	36	21
OBJ PP1	7	4	3	6
PP1	20	35	32	32
PP1 > OBJ	21	60	19	66

PP1 or PP1 > OBJ

Table 25: Both readings

	PP1 Not Dominant	PP1 Dominant
-Q -GP	167	97
-Q +GP	63	202
+Q -GP	159	108
+Q +GP	49	213

Table 26: Reading 1

	PP1 Not Dominant	PP1 Dominant
-Q -GP	76	56
-Q +GP	26	107
+Q -GP	76	57
+Q +GP	16	115

Table 27: Reading 2

	PP1 Not Dominant	PP1 Dominant
-Q -GP	91	41
-Q +GP	37	95
+Q -GP	83	51
+Q +GP	33	98

OBJ or OBJ > PP1

Table 28: Both readings

	OBJ Not Dominant	OBJ Dominant
-Q -GP	112	152
-Q +GP	214	51
+Q -GP	121	146
+Q +GP	222	40

Table 29: Reading 1

	OBJ Not Dominant	OBJ Dominant
-Q -GP	62	70
-Q +GP	115	18
+Q -GP	63	70
+Q +GP	117	14

Table 30: Reading 2

	OBJ Not Dominant	OBJ Dominant
-Q -GP	50	82
-Q +GP	99	33
+Q -GP	58	76
+Q +GP	105	26

Logistic regression models

The interaction between $\pm$GP and $\pm$Q approaches significance ($p < 0.06$) as a predictor of the object break, but not the PP1 break.

OBJ

PP 1

Predictors	Odds Ratios	CI	p	Odds Ratios	CI	p
(Intercept)	4.19	2.28 − 7.68	<0.001	3.03	1.60 − 5.73	0.001
Condition_GPTRUE	0.35	0.23 − 0.55	<0.001	92.86	22.06 − 390.94	<0.001
Condition_QTRUE	0.68	0.43 − 1.06	0.087	0.95	0.63 − 1.43	0.809
Reading 2	1.85	1.37 − 2.50	<0.001	0.85	0.57 − 1.26	0.410
Condition_GPTRUE:Condition_QTRUE	1.79	0.98 − 3.27	0.058	0.51	0.09 − 2.93	0.448

Random Effects

 2

3.29

3.29

 00

0.47 SID

0.50 SID

0.76 IID

0.90 IID

ICC

0.10 SID

0.11 SID

0.17 IID

0.19 IID

Observations

1053

1049

Marginal R2 / Conditional R2

0.054 / 0.312

0.488 / 0.641