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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | df | Deviance | LogLik | AIC | BIC | Deviance Difference | Δdf |
| Null Model | 454 | 629.39 |  | 631.39 |  |  |  |
| Null Nested Model-Level 1 | 165 | 564.91 | -282.46 | 568.91 | 577.15 | 61.48 | 289 |
| Null Nested Model-Level 2 | 162 | 564.12 | -282.06 | 570.12 | 582.49 | 65.27 | 286 |
| Null Nested Model-Level 3 | 160 | 527.97 | -263.98 | 535.97 | 552.45 | 101.42 | 284 |

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|  | df | Deviance | LogLik | AIC | BIC | Deviance Difference | Δdf | Sig | RL2 | RCS2 | RN2 |
| Linguistic Processes | 157 | 527.30 | -263.65 | 541.30 | 570.14 | .67 | 3 | .880 | <.01 | <.01 | <.01 |
| Pronouns | 155 | 496.68 | -247.84 | 513.68 | 550.77 | 32.28 | 5 | <.001 | .06 | .07 | .10 |
| Verbs | 156 | 521.73 | -260.86 | 537.73 | 570.69 | 6.24 | 4 | .182 | .01 | .01 | .01 |
| Other | 154 | 483.24 | -241.62 | 503.24 | 544.44 | 44.73 | 6 | <.001 | .08 | .09 | .13 |
| Social/Emotional | 157 | 518.42 | -259.21 | 532.42 | 561.26 | 9.55 | 3 | .023 | .02 | .02 | .03 |
| Cognitive Mechanisms | 152 | 506.79 | -253.39 | 530.79 | 580.23 | 21.18 | 8 | .007 | .04 | .05 | .07 |
| Relativity | 157 | 506.01 | -253.00 | 520.01 | 548.85 | 21.96 | 3 | <.001 | .04 | .05 | .07 |
| Personal Concerns | 155 | 502.58 | -251.29 | 520.58 | 557.67 | 25.38 | 5 | <.001 | .05 | .05 | .07 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | -.13 | 1.09 | -2.27 | 2.00 | -.12 | .902 |  |  |  |
| I | -.005 | .14 | -.27 | .26 | -.03 | .973 | .76 | 1.00 | 1.30 |
| We | -.12 | .11 | -.34 | .10 | -1.06 | .288 | .71 | .89 | 1.11 |
| You | .27 | .54 | -.79 | 1.33 | .50 | .615 | .45 | 1.31 | 3.79 |
| She/He | 1.26 | .25 | .77 | 1.74 | 5.10 | <.001 | 2.17 | 3.52 | 5.70 |
| They | .27 | .26 | -.25 | .78 | 1.03 | .305 | .78 | 1.31 | 2.19 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | 6.53 | 1.94 | 2.72 | 10.34 | 3.36 | <.001 |  |  |  |
| Articles | -.42 | .10 | -.62 | -.21 | -4.01 | <.001 | .54 | .66 | .81 |
| Adverbs | -.49 | .15 | -.79 | -.19 | -3.19 | .001 | .46 | .61 | .83 |
| Prepositions | .05 | .09 | -.12 | .22 | .57 | .570 | .88 | 1.05 | 1.25 |
| Conjunctions | -.004 | .12 | -.24 | .23 | -.04 | .968 | .79 | 1.00 | 1.26 |
| Negations | -1.01 | .24 | -1.47 | -.55 | -4.29 | <.001 | .23 | .36 | .58 |
| Quantifiers | -.47 | .20 | -.87 | -.07 | -2.28 | .022 | .42 | .63 | .94 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | -1.80 | 1.24 | -4.22 | .62 | -1.46 | .146 |  |  |  |
| Social | .18 | .06 | .05 | .30 | 2.84 | .004 | 1.06 | 1.19 | 1.35 |
| Positive Emotion | .12 | .13 | -.13 | .37 | .94 | .348 | .88 | 1.13 | 1.44 |
| Negative Emotion | .18 | .11 | -.04 | .40 | 1.59 | .113 | .96 | 1.19 | 1.49 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | .76 | 1.29 | -1.77 | 3.29 | .59 | .557 |  |  |  |
| Insight | -.06 | .15 | -.35 | .23 | -.39 | .698 | .71 | .94 | 1.26 |
| Causation | .01 | .17 | -.33 | .34 | .05 | .964 | .72 | 1.01 | 1.41 |
| Discrepancy | .25 | .19 | -.13 | .62 | 1.30 | .194 | .88 | 1.28 | 1.86 |
| Tentativeness | -.34 | .21 | -.76 | .08 | -1.60 | .109 | .47 | .71 | 1.08 |
| Certainty | -.07 | .20 | -.46 | .31 | -.38 | .706 | .63 | .93 | 1.36 |
| Inhibition | .34 | .20 | -.05 | .74 | 1.69 | .091 | .95 | 1.41 | 2.09 |
| Inclusive | .11 | .09 | -.08 | .29 | 1.14 | .253 | .93 | 1.11 | 1.34 |
| Exclusive | -.44 | .18 | -.80 | -.08 | -2.38 | .017 | .45 | .64 | .92 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | .79 | 1.28 | -1.70 | 3.29 | .62 | .535 |  |  |  |
| Motion | -.51 | .20 | -.91 | -.12 | .20 | .011 | .40 | .60 | .89 |
| Space | -.23 | .11 | -.44 | -.02 | -2.16 | .031 | .65 | .80 | .98 |
| Time | .54 | .13 | .28 | .80 | 4.08 | <.001 | 1.32 | 1.71 | 2.22 |

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|  |  |  | *B* (95% CI) | |  |  | *95% CI for odds ratio* | | |
|  | *B* | *SE* | *Lower* | *Upper* | *z* | *p* | *Lower* | *Odds Ratio* | *Upper* |
| Intercept | 1.96 | .99 | .02 | 3.90 | 1.98 | .048 |  |  |  |
| Work | .08 | .15 | -.21 | .37 | .53 | .595 | .81 | 1.08 | 1.44 |
| Achievement | -.23 | .13 | -.48 | .02 | -1.78 | .076 | .62 | .80 | 1.02 |
| Money | -1.24 | .31 | -1.86 | -.63 | -3.98 | <.001 | .16 | .29 | .53 |
| Religion | .15 | .41 | -.65 | .95 | .37 | .71 | .52 | 1.16 | 2.59 |
| Death | -.54 | .21 | -.96 | -.12 | -2.51 | .012 | .38 | .58 | .89 |