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| **Model**  **(Openness)** | ***df*** | **AIC** | **BIC** | **Log Likelihood** | **Ratio** | ***p*** |
| Model 1 | 2 | -1755.52 | -1744.29 | 879.76 |  |  |
| Model 2 | 3 | -2168.23 | -2151.40 | 1087.12 | 414.72 | < 0.0001 |
| Model 3 | 4 | -2168.37 | -2145.912 | 1088.18 | 2.13 | 0.14 |

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| **Model**  **(Extraversion)** | ***df*** | **AIC** | **BIC** | **Log Likelihood** | **Ratio** | ***p*** |
| Model 1 | 2 | -1755.52 | -1744.29 | 879.76 |  |  |
| Model 2 | 3 | -2168.23 | -2151.40 | 1087.12 | 414.72 | < 0.0001 |
| Model 3 | 4 | -2176.166 | -2153.715 | 1092.0832 | 9.93 | 0.002 |

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| **Model**  **(Agreeableness)** | ***df*** | **AIC** | **BIC** | **Log Likelihood** | **Ratio** | ***p*** |
| Model 1 | 2 | -1755.52 | -1744.29 | 879.76 |  |  |
| Model 2 | 3 | -2168.23 | -2151.40 | 1087.12 | 414.72 | < 0.0001 |
| Model 3 | 4 | -2181.519 | -2159.067 | 1094.7593 | 15.28 | 0.0001 |

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| **Model**  **(Conscientiousness** | ***df*** | **AIC** | **BIC** | **Log Likelihood** | **Ratio** | ***p*** |
| Model 1 | 2 | -1755.52 | -1744.29 | 879.76 |  |  |
| Model 2 | 3 | -2168.23 | -2151.40 | 1087.12 | 414.72 | < 0.0001 |
| Model 3 | 4 | -2185.26 | -2162.81 | 1096.63 | 19.03 | < 0.0001 |

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| **Model**  **(Emotional Stability)** | ***df*** | **AIC** | **BIC** | **Log Likelihood** | **Ratio** | ***p*** |
| Model 1 | 2 | -1755.52 | -1744.29 | 879.76 |  |  |
| Model 2 | 3 | -2168.23 | -2151.40 | 1087.12 | 414.72 | < 0.001 |
| Model 3 | 4 | -2166.46 | -2144.01 | 1087.23 | 0.22 | 0.64 |

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| **Predictor** | ***b*** | ***t*** | ***p*** |
| Openness | 0.001 | 1.46 | *p =* 0.14 |
| Extraversion | -0.002 | -3.16 | *p* = 0.002 |
| Agreeableness | -0.003 | -3.92 | *p* = 0.0001 |
| Conscientiousness | -0.002 | -4.37 | *p* < 0.0001 |
| Emotional Stability | 0.00001 | 0.47 | *p* = 0.64 |