|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Reaction time** |  |  |  |  |  |  |
|  | **Models** | **P(M)** | **P(M|data)** | **BF M** | **BF 10** | **error %** |
|  | Null model (incl. subject) | 0.200 | 1.776e -5 | 7.105e -5 | 1.000 |  |
|  | Compatibility | 0.200 | 0.751 | 12.038 | 42257.258 | 1.592 |
|  | Response hand | 0.200 | 3.760e -6 | 1.504e -5 | 0.212 | 0.881 |
|  | Compatibility + Response hand | 0.200 | 0.159 | 0.756 | 8947.170 | 2.027 |
|  | Compatibility + Response hand + Compatibility  ✻  Response hand | 0.200 | 0.090 | 0.398 | 5092.980 | 1.914 |
|  | | | | | | |
| **Movement time** |  |  |  |  |  |  |
|  | Null model (incl. subject) | 0.200 | 5.104e -5 | 2.042e -4 | 1.000 |  |
|  | Compatibility | 0.200 | 2.212e -4 | 8.852e -4 | 4.334 | 1.226 |
|  | Response hand | 0.200 | 2.034e -5 | 8.138e -5 | 0.399 | 1.839 |
|  | Compatibility + Response hand | 0.200 | 9.314e -5 | 3.726e -4 | 1.825 | 2.784 |
|  | Compatibility + Response hand + Compatibility  ✻  Response hand | 0.200 | 1.000 | 10365.044 | 19583.156 | 2.902 |
|  | | | | | | |
| **Peak Velocity** |  |  |  |  |  |  |
|  | Null model (incl. subject) | 0.200 | 5.054e -4 | 0.002 | 1.000 |  |
|  | Compatibility | 0.200 | 1.559e -4 | 6.236e -4 | 0.308 | 5.729 |
|  | Response hand | 0.200 | 2.926e -4 | 0.001 | 0.579 | 1.290 |
|  | Compatibility + Response hand | 0.200 | 8.640e -5 | 3.456e -4 | 0.171 | 1.681 |
|  | Compatibility + Response hand + Compatibility  ✻  Response hand | 0.200 | 0.999 | 3841.048 | 1976.581 | 1.595 |
|  | | | | | | |
| **Time to peak velocity** |  |  |  |  |  |  |
|  | Null model (incl. subject) | 0.200 | 0.469 | 3.533 | 1.000 |  |
|  | Compatibility | 0.200 | 0.330 | 1.972 | 0.704 | 3.030 |
|  | Response hand | 0.200 | 0.100 | 0.442 | 0.212 | 1.030 |
|  | Compatibility + Response hand | 0.200 | 0.070 | 0.302 | 0.150 | 2.246 |
|  | Compatibility + Response hand + Compatibility  ✻  Response hand | 0.200 | 0.031 | 0.128 | 0.066 | 8.851 |
|  | | | | | | |
| **Maximal grip apeture** |  |  |  |  |  |  |
|  | Null model (incl. subject) | 0.200 | 2.326e -49 | 9.303e -49 | 1.000 |  |
|  | Compatibillity | 0.200 | 4.927e -50 | 1.971e -49 | 0.212 | 1.017 |
|  | Response hand | 0.200 | 5.092e -50 | 2.037e -49 | 0.219 | 1.434 |
|  | Compatibillity + Response hand | 0.200 | 1.061e -50 | 4.243e -50 | 0.046 | 1.951 |
|  | Compatibillity + Response hand + Compatibillity  ✻  Response hand | 0.200 | 1.000 | 1.165e +49 | 4.300e +48 | 3.253 |
|  | | | | | | |
| **Time to maximal grip aperture** |  |  |  |  |  |  |
|  | Null model (incl. subject) | 0.200 | 0.005 | 0.021 | 1.000 |  |
|  | Compatibility | 0.200 | 0.526 | 4.445 | 99.821 | 1.277 |
|  | Response hand | 0.200 | 0.001 | 0.005 | 0.217 | 1.104 |
|  | Compatibility + Response hand | 0.200 | 0.115 | 0.522 | 21.900 | 1.888 |
|  | Compatibility + Response hand + Compatibility  ✻  Response hand | 0.200 | 0.352 | 2.170 | 66.707 | 3.103 |