Tab. 1: Probabilities for comparisons for every model estimated in hddm analysis

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| --- | --- | --- |
| Model | Comparison | Probability |
| Drift-Rate for emotion | P(happy > sad) | 1 |
| P(sad > happy) | 0 |
| P(happy > neutral) | 1 |
| P(sad > neutral) | 0 |
| Bias for emotion | P(happy > sad) | 1 |
| P(sad > happy) | 0 |
| P(happy > neutral) | 1 |
| P(sad > neutral) | 0 |
| Drift-Rate for timing | P(8ms > 16ms) | 0.13434343 |
| P(8ms > 25ms) | 0.01868687 |
| P(8ms > 141ms) | 0.13333333 |
| P(16ms > 25ms) | 0 |
|  | P(16ms > 141ms) | 0 |
|  | P(25ms > 141ms) | 0 |
| Bias for timing | P(8ms > 16ms) | 0.60507538 |
| P(8ms > 25ms) | 0.04723618 |
| P(8ms > 141ms) | 0 |
| P(16ms > 25ms) | 0.00919598 |
|  | P(16ms > 141ms) | 0 |
|  | P(25ms > 141ms) | 0 |
| Drift-Rate for every timing x emotion condition | P(8ms\_happy > 8ms\_sad) | 0.366683417 |
| P(8ms\_happy > 8ms\_neutral) | 0.584924623 |
| P(16ms\_happy > 16ms\_sad) | 1 |
| P(16ms\_happy > 16ms\_neutral) | 0.999296482 |
| P(25ms\_happy > 25ms\_sad) | 1 |
| P(25ms\_happy > 25ms\_neutral) | 1 |
| P(141ms\_happy > 141ms\_sad) | 1 |
| P(141ms\_happy > 141ms\_neutral) | 1 |
| P(8ms\_happy > 16ms\_happy) | 0.004673367 |
| P(8ms\_happy > 25ms\_happy) | 0 |
| P(8ms\_happy > 141ms\_happy) | 0 |
| P(16ms\_happy > 25ms\_happy) | 0.00160804 |
| P(16ms\_happy > 141ms\_happy) | 0 |
| P(25ms\_happy > 141ms\_happy) | 0 |
| P(8ms\_sad > 16ms\_sad) | 0.909648241 |
| P(8ms\_sad > 25ms\_sad) | 0.982663317 |
| P(8ms\_sad > 141ms\_sad) | 0.000100503 |
| P(16ms\_sad > 25ms\_sad) | 0.807788945 |
| P(16ms\_sad > 141ms\_sad) | 0 |
| P(25ms\_sad > 141ms\_sad) | 0 |
| P(8ms\_neutral > 16ms\_neutral) | 0.453417085 |
| P(8ms\_neutral > 25ms\_neutral) | 0.023015075 |
| P(8ms\_neutral > 141ms\_neutral) | 0 |
| P(16ms\_neutral > 25ms\_neutral | 0.013969849 |
| P(16ms\_neutral > 141ms\_neutral) | 0 |
| P(25ms\_neutral > 141ms\_neutral) | 0 |
| Bias for every timing x emotion condition | P(8ms\_happy > 8ms\_sad) | 0.58482412 |
| P(8ms\_happy > 8ms\_neutral) | 0.89482412 |
| P(16ms\_happy > 16ms\_sad) | 1 |
| P(16ms\_happy > 16ms\_neutral) | 1 |
| P(25ms\_happy > 25ms\_sad) | 1 |
| P(25ms\_happy > 25ms\_neutral) | 1 |
| P(141ms\_happy > 141ms\_sad) | 1 |
| P(141ms\_happy > 141ms\_neutral) | 1 |
| P(8ms\_happy > 16ms\_happy) | 0.06251256 |
| P(8ms\_happy > 25ms\_happy) | 5.03E-05 |
| P(8ms\_happy > 141ms\_happy) | 0 |
| P(16ms\_happy > 25ms\_happy) | 0.00080402 |
| P(16ms\_happy > 141ms\_happy) | 0 |
| P(25ms\_happy > 141ms\_happy) | 0 |
| P(8ms\_sad > 16ms\_sad) | 0.99939698 |
| P(8ms\_sad > 25ms\_sad) | 1 |
| P(8ms\_sad > 141ms\_sad) | 0 |
| P(16ms\_sad > 25ms\_sad) | 0.96346734 |
| P(16ms\_sad > 141ms\_sad) | 0 |
| P(25ms\_sad > 141ms\_sad) | 0 |
| P(8ms\_neutral > 16ms\_neutral) | 0.90668342 |
| P(8ms\_neutral > 25ms\_neutral) | 0.04703518 |
| P(8ms\_neutral > 141ms\_neutral) | 0 |
| P(16ms\_neutral > 25ms\_neutral) | 0 |
| P(16ms\_neutral > 141ms\_neutral) | 0 |
| P(25ms\_neutral > 141ms\_neutral) | 0 |