1,000 training steps normal distribution:

|  |  |
| --- | --- |
| T | Ratio model/psychic |
| 10 | 1.2186 |
| 20 | 1.1948 |
| 50 | 1.0398 |

10,000 training steps normal distribution:

|  |  |
| --- | --- |
| T | Ratio model/psychic |
| 10 | 1.2080 |
| 20 | 1.1651 |
| 50 | 1.0374 |

100,000 training steps normal distribution:

|  |  |
| --- | --- |
| T | Ratio model/psychic |
| 10 | 1.2075 |
| 20 | 1.1646 |
| 50 | 1.0376 |

1,000 total steps just Markov state approximation (Extremely high variance in results, can basically be ignored as 6 means somewhere between 2 and 15):

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 6.1238 | 2.1141 |
| 20 | 2.0944 | 2.2080 |
| 50 | 2.0897 | 1.7016 |
| 100 | 5.4766 | 1.8770 |

10,000 total steps just Markov state approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 4.2356 | 2.3487 |
| 20 | 2.2687 | 2.2499 |
| 50 | 3.0533 | 2.0849 |
| 100 | 3.8879 | 1.7021 |

100,000 total steps just Markov state approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 3.6057 | 2.5688 |
| 20 | 2.5699 | 2.3043 |
| 50 | 3.1235 | 1.9610 |
| 100 | 4.2466 | 1.8254 |

1,000,000 total steps just Markov state approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 3.7568 | 2.4960 |
| 20 | 2.7325 | 2.3450 |
| 50 | 3.0457 | 2.0793 |
| 100 | 3.9887 | 1.8221 |

1,000 total steps Markov state and in/decreasing approximation (Extremely high variance in results, can basically be ignored as 6 means somewhere between 2 and 15):

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 4.8718 | 1.9409 |
| 20 | 2.1082 | 1.7173 |
| 50 | 3.2913 | 3.1492 |
| 100 | 3.3861 | 2.9148 |

10,000 total steps Markov state and in/decreasing approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 3.2577 | 1.9248 |
| 20 | 3.6370 | 1.9224 |
| 50 | 2.9489 | 2.3788 |
| 100 | 4.0319 | 3.0684 |

100,000 total steps Markov state and in/decreasing approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 3.8734 | 1.9201 |
| 20 | 2.7717 | 1.9960 |
| 50 | 3.3454 | 2.4413 |
| 100 | 3.9098 | 2.7789 |

1,000,000 total steps Markov state and in/decreasing approximation:

|  |  |  |
| --- | --- | --- |
| T | First 20% ratio | Ratio model/psychic |
| 10 | 3.7448 | 1.8392 |
| 20 | 2.8344 | 2.0081 |
| 50 | 3.0856 | 2.5023 |
| 100 | 4.0227 | 2.9277 |