| **Sample  Size Dist** | **Recommended Use** | **MEM  Cutoff** | **Number  of Arms** | **Outcome  Type** | **Model** | **Variance** | **Sample Size** | **Effect Size** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0.50 | Confirmatory | 0.2 | 1 | binary | MEM | -- | 300 - 1000 | ≥ 0.2 |
| 200 | ≥ 0.3 |
| MEMr | -- | 400 - 1000 | ≥ 0.2 |
| 200 - 300 | ≥ 0.3 |
| continuous | MEM | 1 | 200 - 1000 | ≥ 1 |
| 10 | 800 - 1000 | ≥ 1 |
| MEMr | 1 | 200 - 1000 | ≥ 1 |
| 10 | 1000 | ≥ 1 |
| 200 - 900 | ≥ 2 |
| 100 | 600 - 1000 | ≥ 4 |
| 2 | binary | MEM | -- | 800 - 1000 | ≥ 0.1 |
| MEMr | -- | 1000 | ≥ 0.4 |
| continuous | MEMr | 1 | 400 - 1000 | ≥ 1 |
| 200 - 300 | ≥ 2 |
| 10 | 1000 | ≥ 2 |
| 400 - 900 | ≥ 3 |
| 200 - 300 | ≥ 4 |
| 0.8 | 1 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 1 | 800 - 1000 | ≥ 1 |
| 10 | 800 - 1000 | ≥ 1 |
| 100 | 800 - 1000 | ≥ 1 |
| 2 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 1 | 800 - 1000 | ≥ 1 |
| 10 | 800 - 1000 | ≥ 1 |
| 100 | 800 - 1000 | ≥ 1 |
| calibrated | 1 | binary | MEM | -- | 200 - 900 | ≥ 0.1 |
| MEMr | -- | 200 - 900 | ≥ 0.1 |
| continuous | MEM | 1 | 300 - 1000 | ≥ 1 |
| 10 | 300 - 1000 | ≥ 1 |
| 100 | 300 - 1000 | ≥ 1 |
| MEMr | 1 | 300 - 1000 | ≥ 1 |
| 10 | 300 - 1000 | ≥ 1 |
| 100 | 300 - 1000 | ≥ 1 |
| 2 | binary | MEM | -- | 200 - 1000 | ≥ 0.1 |
| MEMr | -- | 200 - 1000 | ≥ 0.1 |
| continuous | MEM | 1 | 200 - 1000 | ≥ 1 |
| 10 | 200 - 1000 | ≥ 1 |
| 100 | 200 - 1000 | ≥ 1 |
| MEMr | 1 | 200 - 1000 | ≥ 1 |
| 10 | 200 - 1000 | ≥ 1 |
| 100 | 200 - 1000 | ≥ 1 |
| Exploratory | 0.2 | 1 | continuous | MEM | 10 | 200 | 1 |
| 2 | binary | MEM | -- | 800 - 1000 | 0.1 - 0.2 |
| 500 - 700 | 0.1 - 0.3 |
| 200 - 400 | 0.1 - 0.4 |
| 0.8 | 1 | binary | MEM | -- | 300 - 400 | 0.1 |
| MEMr | -- | 200 | 0.1 |
| continuous | MEMr | 10 | 200 | 1 |
| 100 | 300 | 2 |
| 200 | 2 - 3 |
| 2 | binary | MEMr | -- | 200 | 0.2 - 0.4 |
| continuous | MEMr | 10 | 200 | 1 - 2 |
| 100 | 200 | 3 - 4 |
| 300 | 4 |
| calibrated | 2 | binary | MEM | -- | 800 - 1000 | 0.1 - 0.2 |
| 500 - 700 | 0.1 - 0.3 |
| 400 | 0.1 - 0.4 |
| 200 - 300 | 0.2 - 0.4 |
| 0.25 | Confirmatory | 0.2 | 1 | binary | MEM | -- | 400 - 1000 | ≥ 0.2 |
| 200 - 300 | ≥ 0.3 |
| MEMr | -- | 500 - 1000 | ≥ 0.2 |
| 200 - 400 | ≥ 0.3 |
| continuous | MEMr | 10 | 300 - 1000 | ≥ 2 |
| 200 | ≥ 3 |
| 2 | continuous | MEMr | 10 | 600 - 1000 | ≥ 3 |
| 300 - 500 | ≥ 4 |
| 0.8 | 1 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 10 | 800 - 1000 | ≥ 1 |
| 2 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 10 | 800 - 1000 | ≥ 1 |
| calibrated | 1 | binary | MEM | -- | 200 - 1000 | ≥ 0.1 |
| MEMr | -- | 200 - 1000 | ≥ 0.1 |
| continuous | MEM | 10 | 500 - 1000 | ≥ 1 |
| 500 - 1000 | ≥ 1 |
| 2 | binary | MEM | -- | 200 - 1000 | ≥ 0.1 |
| MEMr | -- | 200 | ≥ 0.1 |
| 300 - 1000 | ≥ 0.1 |
| continuous | MEM | 10 | 200 - 1000 | ≥ 1 |
| MEMr | 10 | 200 - 1000 | ≥ 1 |
| Exploratory | 0.2 | 1 | continuous | MEM | 10 | 200 - 300 | 1 |
| 2 | binary | MEM | -- | 900 - 1000 | 0.1 - 0.2 |
| 500 - 800 | 0.1 - 0.3 |
| 300 - 400 | 0.1 - 0.4 |
| 200 | 0.2 - 0.4 |
| 0.8 | 1 | binary | MEM | -- | 400 - 500 | 0.1 |
| MEMr | -- | 200 | 0.1 |
| continuous | MEMr | 10 | 200 | 1 |
| 2 | binary | MEMr | -- | 200 | 0.2 - 0.4 |
| continuous | MEMr | 10 | 200 | 1 - 2 |
| calibrated | 2 | binary | MEM | -- | 900 - 1000 | 0.1 - 0.2 |
| 600 - 800 | 0.1 - 0.3 |
| 500 | 0.2 - 0.3 |
| 200 - 400 | 0.2 - 0.4 |
| 0.10 | Confirmatory | 0.2 | 1 | binary | MEM | -- | 700 - 1000 | ≥ 0.2 |
| 300 - 600 | ≥ 0.3 |
| 200 | ≥ 0.4 |
| MEMr | -- | 1000 | ≥ 0.2 |
| 500 - 900 | ≥ 0.3 |
| 300 - 400 | ≥ 0.4 |
| continuous | MEMr | 10 | 700 - 1000 | ≥ 2 |
| 300 - 600 | ≥ 3 |
| 200 | ≥ 4 |
| 2 | continuous | MEMr | 10 | 600 - 1000 | ≥ 4 |
| 0.8 | 1 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 10 | 800 - 1000 | ≥ 1 |
| 2 | binary | MEMr | -- | 800 - 1000 | ≥ 0.1 |
| continuous | MEMr | 10 | 800 - 1000 | ≥ 1 |
| calibrated | 1 | binary | MEM | -- | 200 - 1000 | ≥ 0.1 |
| MEMr | -- | 200 - 1000 | ≥ 0.1 |
| 300 | ≥ 0.3 |
| continuous | MEM | 10 | 500 - 1000 | ≥ 1 |
| MEMr | 10 | 500 - 1000 | ≥ 1 |
| 2 | binary | MEM | -- | 200 - 1000 | ≥ 0.1 |
| MEMr | -- | 400 - 500 | ≥ 0.1 |
| 200 - 1000 | ≥ 0.1 |
| continuous | MEM | 10 | 200 - 1000 | ≥ 1 |
| MEMr | 10 | 200 - 1000 | ≥ 1 |
| Exploratory | 0.2 | 1 | continuous | MEM | 10 | 400 - 600 | 1 |
| 2 | binary | MEM | -- | 900 - 1000 | 0.1 - 0.3 |
| 200 - 800 | 0.1 - 0.4 |
| 300 - 600 | 0.2 - 0.4 |
| 0.8 | 1 | binary | MEM | -- | 800 - 1000 | 0.1 |
| continuous | MEMr | 10 | 200 | 1 - 2 |
| 2 | binary | MEMr | -- | 300 | 0.4 |
| continuous | MEMr | 10 | 300 | 2 |
| 200 | 2 - 3 |
| calibrated | 2 | binary | MEM | -- | 900 - 1000 | 0.2 - 0.3 |
| 500 - 800 | 0.2 - 0.4 |
| 300 - 400 | 0.3 - 0.4 |
| 200 | 0.4 |