|  |  |  | **Posterior probability that the true RD is greater than the specified threshold** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Prior Belief** | **Strength** | **Posterior Median RD (95% CrI)** | **> 0** | **> 0.02** | **> 0.05** | **> 0.1** | **> 0.15** |
| Optimistic | Weak | 0.05 (-0.02, 0.12) | 93 | 82 | 52 | 8 | 0 |
|  | Moderate | 0.04 (-0.01, 0.09) | 95 | 79 | 33 | 1 | 0 |
|  | Strong | 0.03 (0, 0.07) | 98 | 81 | 17 | 0 | 0 |
| Neutral | Weak | 0.07 (-0.02, 0.15) | 94 | 85 | 65 | 23 | 3 |
|  | Moderate | 0.03 (-0.03, 0.10) | 86 | 67 | 32 | 2 | 0 |
|  | Strong | 0.02 (-0.03, 0.06) | 78 | 45 | 8 | 0 | 0 |
| Pessimistic | Weak | 0.03 (-0.04, 0.10) | 80 | 60 | 28 | 2 | 0 |
|  | Moderate | 0 (-0.05, 0.05) | 47 | 18 | 2 | 0 | 0 |
|  | Strong | -0.02 (-0.05, 0.02) | 16 | 1 | 0 | 0 | 0 |