| Characteristic | Original protocol | ML2 | ML5 | Testable implication | Conclusion |
|----------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Dimensions of scale measuring perceived likelihood | Likelihood scale contained 11 options, ranging from 0 to 10. | Likelihood scale contained 10 options, ranging from 1 to 10. | Likelihood scale contained 11 options, ranging from 0 to 10. | Questionnaire design effects may produce differences in results between the otherwise comparable U.S. Mturk samples. | Unlikely; no meaningful differences in Mturk samples. |
| Missing data | Unknown, but likely allowed subjects to skip questions due to the pencil-and-paper format. | The online questionnaire allowed subjects to skip questions and experiments. | The online questionnaire required subjects to answer all questions. | Questionnaire design effects may produce differences in results between the otherwise comparable U.S. Mturk samples. | Unlikely; no meaningful differences in Mturk results and proportion of missing data <1% in ML2. |
| Presence of unrelated experiments | Experiment was administered alone. | Experiment was administered as part of a 30-minute block of experiments, with order randomized. | Experiment was administered alone, or only after other experiments pre-approved as unlikely to influence results. | If other tasks interfered in ML2, results may differ by the order of presentation. | Unlikely; order effects appeared minimal and non-systematic in ML2. |
| Sampling frame for primary analyses | Undergraduates at Cornell University | Undergraduates | Undergraduates at "similar" sites | Comparing all ML2 sites to all ML5 sites may result in better agreement, since these sampling frames are more directly comparable. | Unlikely; results still discrepant. |
| Statistical analysis | One-way ANOVA (assuming homoskedasticity) | Independent-samples t-test combining sites' data (not assuming homoskedasticity) | Linear mixed model combining sites' data and using model-based SEs (assuming homoskedasticity) | Aggregating individual subject level data from ML2 and ML5 using a single analysis method may result in better agreement. | Unlikely; results still discrepant using LMM, GEE, and RMD analysis approaches. |
| Outlying sites | Outlying sites | None evident | A single site with a small sample size estimated a large, positive mair effect. | n N/A | Unlikely; the only possible outlier would have made results less discrepant. |