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| --- | --- | --- | --- | --- |
| Construct | Hypothesis | Survey Question | Response Options | Data Type |
| Experience | Flood risk managers with direct flood experience are more likely to adopt lidar. | Have you ever experienced a flood that caused damage to property in your community? | Yes/No | Binary |
| Risk Perception | Flood risk managers with higher perceived risk are more likely to adopt lidar. | Thinking about your community in the next 30 years, how likely is it that a flood will cause damage to property in your community? | 0%/25%/50%/ 75%/100% | Ordinal categorical (5) |
| Knowledge | Flood risk managers with knowledge of increase flood severity are more likely to adopt lidar. | In the future, do you think the average severity of flood damage in your community will increase, decrease, or stay the same? | Increase/Decrease/Stay the same | Ordinal categorical (3) |
| Risk-taking attitude | Flood risk managers who are more risk-loving are more likely to adopt lidar. | Do you generally prefer to take risks or to avoid risks? | 0 (risk-loving) to 10 (risk-averse) | Integer |
| Trust | Flood risk managers who trust flood risk management scientific products are more likely to adopt lidar. | How much do you trust the accuracy of scientific products for flood risk management (i.e. topographic data, floodplain mapping, floodplain modeling)? | Strongly distrust/Somewhat distrust/Neither trust nor distrust/Somewhat trust/ Strongly trust | Ordinal categorical (5) |