|  | Human (N=76) | Physical (N=113) | Nature/society (N=42) | Methods (N=49) | Other (N=3) | Overall (N=283) |
| --- | --- | --- | --- | --- | --- | --- |
| **Claim is the product of chance** |  |  |  |  |  |  |
| Strongly agree | 9 (11.8%) | 27 (23.9%) | 7 (16.7%) | 7 (14.3%) | 2 (66.7%) | 52 (18.4%) |
| Agree | 35 (46.1%) | 52 (46.0%) | 17 (40.5%) | 31 (63.3%) | 1 (33.3%) | 136 (48.1%) |
| Disagree | 16 (21.1%) | 18 (15.9%) | 12 (28.6%) | 6 (12.2%) | 0 (0%) | 52 (18.4%) |
| Strongly disagree | 13 (17.1%) | 11 (9.7%) | 2 (4.8%) | 4 (8.2%) | 0 (0%) | 30 (10.6%) |
| Missing | 3 (3.9%) | 5 (4.4%) | 4 (9.5%) | 1 (2.0%) | 0 (0%) | 13 (4.6%) |
| **Result is the product of a flawed research design** |  |  |  |  |  |  |
| Strongly agree | 9 (11.8%) | 17 (15.0%) | 8 (19.0%) | 10 (20.4%) | 1 (33.3%) | 45 (15.9%) |
| Agree | 35 (46.1%) | 56 (49.6%) | 11 (26.2%) | 21 (42.9%) | 1 (33.3%) | 124 (43.8%) |
| Disagree | 20 (26.3%) | 24 (21.2%) | 20 (47.6%) | 13 (26.5%) | 1 (33.3%) | 78 (27.6%) |
| Strongly disagree | 9 (11.8%) | 8 (7.1%) | 2 (4.8%) | 5 (10.2%) | 0 (0%) | 24 (8.5%) |
| Missing | 3 (3.9%) | 8 (7.1%) | 1 (2.4%) | 0 (0%) | 0 (0%) | 12 (4.2%) |
| **Obs and analyses reflect the concepts they intended to** |  |  |  |  |  |  |
| Strongly agree | 9 (11.8%) | 26 (23.0%) | 5 (11.9%) | 13 (26.5%) | 0 (0%) | 53 (18.7%) |
| Agree | 41 (53.9%) | 66 (58.4%) | 22 (52.4%) | 30 (61.2%) | 1 (33.3%) | 160 (56.5%) |
| Disagree | 14 (18.4%) | 11 (9.7%) | 12 (28.6%) | 4 (8.2%) | 2 (66.7%) | 43 (15.2%) |
| Strongly disagree | 4 (5.3%) | 2 (1.8%) | 1 (2.4%) | 0 (0%) | 0 (0%) | 7 (2.5%) |
| Missing | 8 (10.5%) | 8 (7.1%) | 2 (4.8%) | 2 (4.1%) | 0 (0%) | 20 (7.1%) |
| **Claim will hold in other populations** |  |  |  |  |  |  |
| Strongly agree | 16 (21.1%) | 17 (15.0%) | 9 (21.4%) | 10 (20.4%) | 1 (33.3%) | 53 (18.7%) |
| Agree | 33 (43.4%) | 47 (41.6%) | 21 (50.0%) | 24 (49.0%) | 0 (0%) | 125 (44.2%) |
| Disagree | 15 (19.7%) | 19 (16.8%) | 8 (19.0%) | 14 (28.6%) | 0 (0%) | 56 (19.8%) |
| Strongly disagree | 6 (7.9%) | 3 (2.7%) | 1 (2.4%) | 0 (0%) | 2 (66.7%) | 12 (4.2%) |
| Missing | 6 (7.9%) | 27 (23.9%) | 3 (7.1%) | 1 (2.0%) | 0 (0%) | 37 (13.1%) |
| **Claim will hold in other locations** |  |  |  |  |  |  |
| Strongly agree | 16 (21.1%) | 22 (19.5%) | 11 (26.2%) | 16 (32.7%) | 1 (33.3%) | 66 (23.3%) |
| Agree | 30 (39.5%) | 52 (46.0%) | 19 (45.2%) | 24 (49.0%) | 1 (33.3%) | 126 (44.5%) |
| Disagree | 17 (22.4%) | 21 (18.6%) | 8 (19.0%) | 8 (16.3%) | 0 (0%) | 54 (19.1%) |
| Strongly disagree | 8 (10.5%) | 2 (1.8%) | 1 (2.4%) | 0 (0%) | 1 (33.3%) | 12 (4.2%) |
| Missing | 5 (6.6%) | 16 (14.2%) | 3 (7.1%) | 1 (2.0%) | 0 (0%) | 25 (8.8%) |