Descriptive analysis

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Descriptive statistics for rank orderings in the Ordering Task according to HCP and FP groups

| HCP | | | | | FP | | | | LR test statistics | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Terms from most to least likely | Mean | SD | Mdn | Range | Mean | SD | Mdn | Range | G^2 | DF | P-value |
| almost certainly | 1.96 | 1.79 | 1 | (1, 12) | 1.43 | 0.93 | 1 | (1, 6) | 16.71 | 15.0 | 0.070 |
| highly likely | 2.39 | 1.00 | 2 | (1, 7) | 2.19 | 0.86 | 2 | (1, 7) | 7.25 | 15.0 | 0.256 |
| very good chance | 2.54 | 1.21 | 2 | (1, 8) | 2.81 | 1.03 | 3 | (1, 6) | 18.14 | 15.0 | 0.011 |
| likely | 4.76 | 1.47 | 4 | (2, 8) | 4.30 | 1.18 | 4 | (1, 8) | 15.96 | 15.0 | 0.037 |
| we believe | 5.88 | 2.46 | 6 | (1, 16) | 6.42 | 2.34 | 6 | (1, 16) | 15.12 | 15.0 | 0.454 |
| better than even | 5.73 | 2.45 | 6 | (1, 15) | 6.60 | 1.60 | 7 | (1, 10) | 28.50 | 15.0 | 0.002 |
| probable | 6.08 | 1.78 | 6 | (1, 13) | 5.76 | 1.75 | 6 | (1, 12) | 12.29 | 15.0 | 0.632 |
| probably | 6.13 | 1.60 | 6 | (2, 12) | 5.73 | 1.77 | 6 | (2, 16) | 15.14 | 15.0 | 0.184 |
| about even | 8.52 | 2.09 | 8 | (4, 16) | 8.15 | 1.07 | 8 | (4, 11) | 24.13 | 15.0 | 0.022 |
| we doubt | 11.45 | 2.30 | 11 | (5, 16) | 11.35 | 1.89 | 11 | (5, 16) | 15.95 | 15.0 | 0.143 |
| chances are slight | 10.67 | 2.02 | 11 | (4, 15) | 11.07 | 1.96 | 11 | (6, 15) | 14.21 | 15.0 | 0.216 |
| probably not | 12.26 | 2.11 | 12 | (4, 16) | 11.75 | 1.75 | 12 | (8, 16) | 13.96 | 15.0 | 0.148 |
| unlikely | 12.66 | 1.87 | 13 | (8, 16) | 12.12 | 1.80 | 12 | (8, 16) | 14.75 | 15.0 | 0.080 |
| little chance | 11.09 | 1.91 | 11 | (6, 15) | 11.78 | 2.16 | 12 | (1, 16) | 16.58 | 15.0 | 0.246 |
| improbable | 12.85 | 2.24 | 13 | (6, 16) | 13.23 | 1.97 | 13 | (8, 16) | 8.31 | 15.0 | 0.578 |
| highly unlikely | 14.17 | 1.61 | 14 | (6, 16) | 14.42 | 1.88 | 15 | (4, 16) | 11.43 | 15.0 | 0.373 |
| almost no chance | 15.13 | 1.57 | 16 | (4, 16) | 15.26 | 1.13 | 16 | (10, 16) | 4.25 | 15.0 | 0.916 |
| Note. Probability 0 to 100%. Rows are ordered by ascending means of ratings of HCP column. DF = Degrees of freedom. LRT = Likelihood Ratio test. P-values were adjusted through permutation test due to the conservatism of Likelihood Ration test in the analysis. \* p-value<0.05; \*\* p-value < 0.01; \*\*\* p-value < 0.001 | | | | | | | | | | | |

Descriptive statistics for probability ratings for terms in the Rating Task according to HCP and FP groups.

| HCP | | | | FP | | | | KS test statistics | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Terms from most to least likely | Mean | SD | Mdn | Range | Mean | SD | Mdn | Range | D | P-value |
| almost certainly | 82.36 | 16.24 | 90 | (15, 100) | 90.92 | 8.98 | 90 | (45, 99) | 0.29 | 0.000 |
| highly likely | 73.51 | 17.89 | 80 | (1, 99) | 84.03 | 9.06 | 85 | (50, 100) | 0.25 | 0.000 |
| very good chance | 72.78 | 15.15 | 75 | (15, 95) | 79.01 | 9.49 | 80 | (40, 95) | 0.21 | 0.004 |
| likely | 57.62 | 15.91 | 60 | (20, 90) | 70.18 | 11.05 | 70 | (40, 95) | 0.41 | 0.000 |
| we believe | 55.41 | 21.72 | 60 | (0, 100) | 58.90 | 17.93 | 60 | (0, 90) | 0.13 | 0.116 |
| better than even | 52.99 | 17.68 | 55 | (3, 100) | 58.43 | 6.57 | 60 | (30, 99) | 0.29 | 0.000 |
| probable | 52.08 | 17.04 | 55 | (18, 90) | 63.03 | 15.27 | 60 | (15, 97) | 0.25 | 0.000 |
| probably | 51.58 | 17.22 | 55 | (20, 90) | 64.89 | 12.61 | 65 | (20, 90) | 0.37 | 0.000 |
| about even | 41.90 | 13.24 | 50 | (1, 80) | 49.99 | 2.74 | 50 | (40, 70) | 0.38 | 0.000 |
| we doubt | 18.61 | 14.52 | 15 | (0, 70) | 16.71 | 11.61 | 15 | (0, 50) | 0.07 | 0.711 |
| chances are slight | 14.26 | 10.46 | 10 | (1, 51) | 13.89 | 9.58 | 10 | (0, 54) | 0.04 | 0.982 |
| probably not | 12.79 | 13.38 | 10 | (1, 85) | 17.02 | 10.86 | 15 | (0, 45) | 0.24 | 0.001 |
| unlikely | 11.98 | 9.97 | 10 | (0, 50) | 15.62 | 12.45 | 10 | (0, 80) | 0.16 | 0.043 |
| little chance | 11.71 | 8.85 | 10 | (1, 55) | 12.20 | 9.26 | 10 | (0, 44) | 0.11 | 0.248 |
| improbable | 10.41 | 10.88 | 5 | (0, 50) | 13.90 | 15.60 | 10 | (0, 95) | 0.21 | 0.005 |
| highly unlikely | 9.03 | 14.26 | 5 | (0, 85) | 14.46 | 22.53 | 5 | (0, 99) | 0.18 | 0.015 |
| almost no chance | 3.56 | 3.47 | 2 | (0, 20) | 3.81 | 3.61 | 3 | (0, 20) | 0.08 | 0.435 |
| Note. Probability 0 to 100%. Rows are ordered by ascending means of ratings of HCP column. KS = Kolmogorov-Smirnov. P-values were adjusted through permutation test due to the conservatism of Kolmogorov-Smirnov test in the analysis. \* p-value<0.05; \*\* p-value < 0.01; \*\*\* p-value < 0.001 | | | | | | | | | | |