**Table 1.** Weighted Two-Sample T-Tests for Selected Occupations in the Analysis Sample

| | Evaluation | | | Potency | | | Activity | | |
| | Weighted | | BFC | Weighted | | BFC | Weighted | | BFC |
| | Pre | Post | | Pre | Post | | Pre | Post | |
|---|---|---|---|---|---|---|---|---|---|
| **Non-Essential** | | | | | | | | | |
| Actor | 2.81 | 0.72 ** | | 1.37 | 1.65 | | 1.58 | 1.47 | |
| Bartender | 3.62 | 1.40 *** | * | 0.59 | 0.19 ** | | 2.23 | 1.86 ** | |
| Blackjack Dealer | 2.33 | 0.39 * | | 0.82 | 0.70 | | 1.08 | 1.01 | |
| Cafeteria Server | 1.14 | 1.45 | | -0.38 | -0.61 | | 1.26 | 1.19 | |
| Casino Manager | 3.61 | 0.20 *** | * | 2.20 | 1.95 | | 1.80 | 1.15 ** | |
| Cook | 2.58 | 1.69 * | | 0.97 | 0.78 | | 2.00 | 1.62 ** | |
| Cosmetologist | 1.29 | 1.47 | | 0.48 | 0.17 | | 0.20 | 0.23 | |
| Designer | 2.98 | 1.17 ** | | 1.10 | 1.04 | | 0.41 | 0.27 | |
| Door-to-Door Salesman | -0.16 | 0.06 | | -0.40 | -0.42 | | 0.51 | 1.21 * | |
| Dietitian | 0.50 | 1.59 | | 0.39 | 0.60 | | -0.38 | 0.02 . | |
| Event Planner | 2.61 | 1.67 ** | | 1.04 | 1.21 | | 1.40 | 1.37 | |
| Jewelry Maker | 1.97 | 1.36 * | | 0.42 | 0.53 | | -0.44 | -0.95 * | |
| Librarian | 0.78 | 2.20 | | 0.22 | -0.07 . | | -1.44 | -1.72 * | |
| Musician | 4.30 | 1.59 *** | ** | 1.39 | 0.84 *** | ** | 2.32 | 2.12 | |
| Piano Tuner | -0.86 | 1.58 | | 0.49 | 0.02 * | | -0.15 | -0.33 | |
| Real Estate Agent | 1.11 | 1.08 | | 1.07 | 1.13 | | 0.81 | 0.70 | |
| Sign Painter | 0.60 | 1.18 | | -0.06 | -0.12 | | 0.13 | -0.20 | |
| Telemarketer | -1.14 | -1.10 | | -1.04 | -0.94 | | 1.34 | 1.32 | |
| Ticket Taker | 0.88 | 1.13 | | -0.33 | -0.38 | | 0.09 | -0.08 | |
| **Essential** | | | | | | | | | |
| Bank Manager | 1.44 | 1.04 ** | | 2.07 | 1.87 . | | 0.33 | 0.01 * | |
| Bulldozer Mechanic | 1.14 | 1.10 | | 1.38 | 1.42 | | 1.74 | 1.64 | |
| Bus Driver | 1.72 | 1.47 * | | 0.48 | 0.11 ** | | 0.76 | 0.42 * | |
| Elder Care Aide | 2.14 | 1.85 | | 0.58 | 0.52 | | -0.21 | -0.28 | |
| Elementary School Teacher | 2.57 | 2.41 | | 1.30 | 0.58 *** | *** | 1.46 | 1.20 . | |
| Farm Owner and Operator | 2.37 | 1.98 *** | * | 1.74 | 1.42 * | | 2.06 | 1.84 | |
| Fast Food Worker | 0.84 | 1.05 | | -0.72 | -0.85 | | 1.67 | 1.80 | |
| Forklift Driver | 0.88 | 1.06 | | 1.13 | 0.63 * | | 1.73 | 1.42 | |
| Grocery Bagger | 1.43 | 1.68 | | -0.75 | -1.09 | | 0.89 | 0.81 | |
| Home Health Aide | 1.84 | 1.86 | | 0.44 | 0.44 | | 0.25 | 0.36 | |
| Licensed Practical Nurse | 2.32 | 2.40 | | 1.26 | 1.37 | | 0.98 | 1.53 * | |
| Mailman | 1.92 | 1.92 | | 0.42 | 0.32 | | 0.82 | 0.77 | |
| Medical Assistant | 2.19 | 2.08 | | 0.78 | 0.88 | | 0.89 | 1.06 | |
| Pharmacist | 1.77 | 2.01 | | 1.60 | 1.47 | | -0.02 | 0.16 | |
| Physician | 2.39 | 1.88 *** | ** | 2.47 | 2.17 ** | | 1.19 | 0.76 ** | |
| Registered Nurse | 2.65 | 2.44 * | | 1.78 | 1.44 * | | 1.91 | 1.50 ** | |
| School Counselor | 1.91 | 1.77 | | 1.24 | 0.69 ** | | 0.12 | -0.05 | |
| Subway Operator | 1.20 | 1.17 | | 1.34 | 0.84 * | | 1.43 | 0.94 * | |
| Truck Driver | 1.19 | 1.12 | | 1.13 | 0.47 ** | | 1.36 | 1.11 | |

N Occupations = 85 (40 shown)

. p < 0.1; * p < .05; ** p < .01; *** p < .001 (two-tailed tests). BFC columns show the number of significant mean differences after applying a Bonferroni correction to tests within each dimension.

Notes: See Table A in the online supplement for an expanded version of this table containing all 85 occupational identities. The N for pre-Covid means ranged from 99 to 1,132 depending on the module of the survey; the N for post-Covid means was 198 for all occupations.

**Table 2.** Paired T-Test Comparing Weighted Pre-Outbreak and Post-Outbreak Occupation Means for EPA Dimensions

| Dimension | Pre-Covid Mean | Post-Covid Mean | Mean of the Differences | p |
|---|---|---|---|---|
| Evaluation | 1.576 | 1.406 | 0.170 *** | <.001 |
| Potency | 0.833 | 0.666 | 0.167 *** | <.001 |
| Activity | 0.908 | 0.768 | 0.140 *** | <.001 |

N = 85

. p < .1; * p < .05; ** p < .01; *** p < .001 (two-tailed tests)
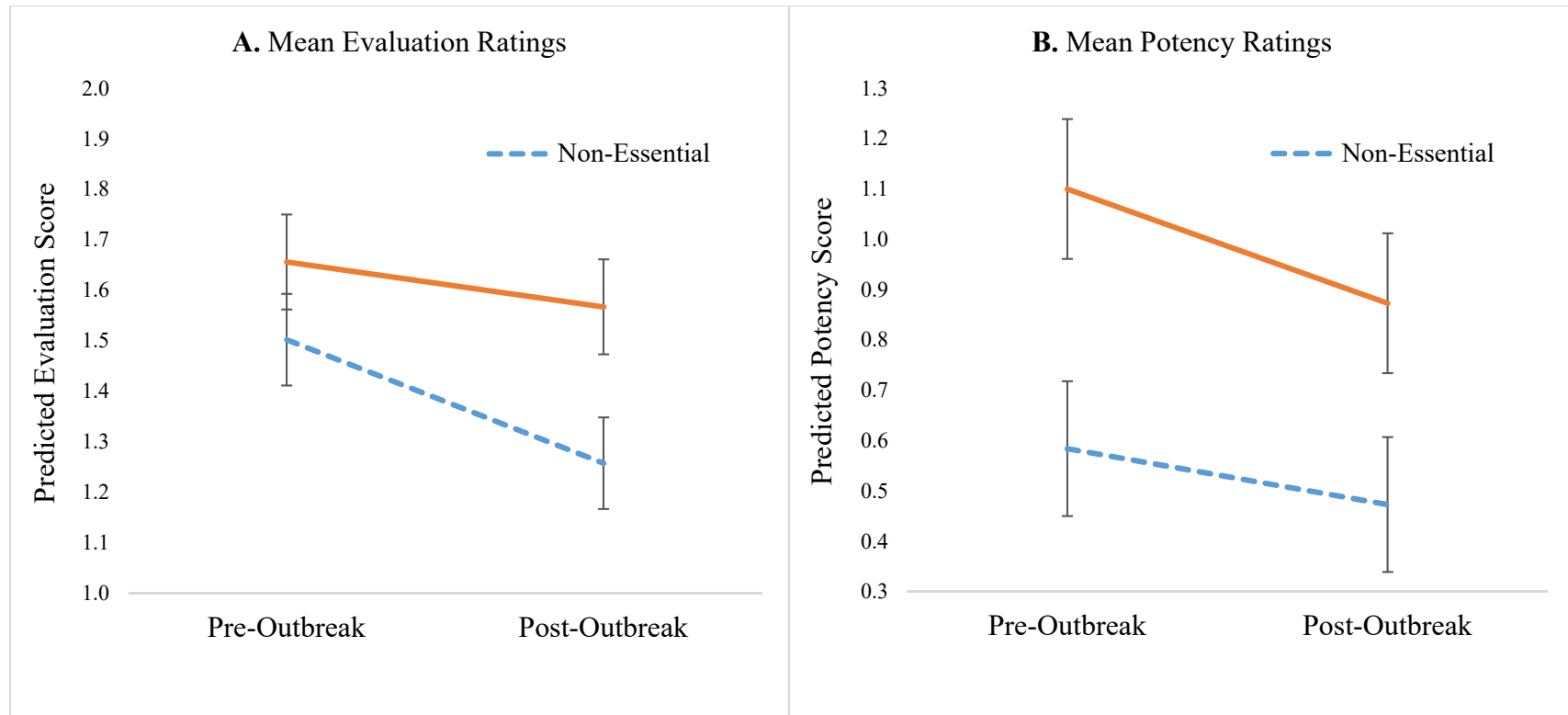
**Table 3.** Linear Mixed Models Predicting EPA Mean Occupation Scores

| Coefficient | Model 1 (Evaluation) | | Model 2 (Potency) | | Model 3 (Activity) | |
|---|---|---|---|---|---|---|
| | Estimate | p | Estimate | p | Estimate | p |
| (Intercept) | 1.502 *** | <.001 | 0.584 *** | <.001 | 0.725 *** | <.001 |
| Post-Outbreak Status | -0.245 *** | <.001 | -0.111 ** | .008 | -0.110 ** | .008 |
| Essential Status | 0.154 | .241 | 0.516 ** | .001 | 0.379 * | .050 |
| Post-Outbreak x Essential | 0.156 ** | .004 | -0.116 . | .051 | -0.062 | .287 |
| N (85 x 2) | 170 | | 170 | | 170 | |
| Marginal Pseudo R^2 | .058 | | .071 | | .044 | |
| Conditional Pseudo R^2 | .924 | | .957 | | .956 | |

. p < .1; * p < .05; ** p < .01; *** p < .001

Note: model uses weighted means of the 85 occupational identities in the analysis sample.

**Figure 1.** Estimated Change in Mean Evaluation and Potency Scores by Essential Status of Occupations



Notes: Plots A and B show the estimated effect of the interaction between the essential status and post-outbreak status indicators for evaluation (plot A) in Model 1 (p < .01) and potency (plot B) in Model 2 (p < .1). Post-outbreak status is a binary variable, but we plot the different relationships between post-outbreak status and predicted evaluation and potency values as lines to illustrate the meaningful difference in slopes that the interactions represent. Confidence intervals reported for each of the means include values that fall within one standard error of the estimate. Y-axes differ to capture ranges of each scale in which the estimates fall, but both capture a full one-unit change in the -4/+4 scale for comparability. Differences in predicted values for pre-outbreak scores are driven by our process of selecting occupations for the study, and should not be interpreted as fundamental differences between essential and non-essential occupational identities.