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| --- | --- | --- | --- |
| **Appendix D. Associations between COVID-19 prevention measures, work conditions, and prevalence ratio for feeling protected among a national sample of food retail workers in the U.S. using complete case data.** | | | |
|  | **Unadjusted**  **PR, 95% CI**  **p-value** | **Model 1+**  **(n=906)**  **PR, 95% CI**  **p-value** | **Model 2++**  **(n=739)**  **PR, 95% CI**  **p-value** |
| **Engineering Controls**  (ref: 0-1 control, n=1,205) |  |  |  |
| 2 controls | 1.19  ( 1.00, 1.41)  0.048 | 1.07  (0.87, 1.31)  0.505 | 1.09  (0.87, 1.37)  0.44 |
| 3 or more controls | 1.58  (1.31, 1.90)  <0.001 | 1.21  (0.96, 1.53)  0.099 | 1.17  (0.91, 1.52)  0.22 |
| **Administrative Controls**  (ref: 0-2 controls, n=1,205) |  |  |  |
| 3 – 4 controls | 1.01  (0.74, 1.38)  0.938 | 0.83  (0.57, 1.23)  0.365 | 0.93  (0.60, 1.45)  0.75 |
| **­**5 controls | 1.57  (1.16, 2.12)  0.003 | 1.05  (0.71, 1.55)  0.811 | 1.17  (0.57, 1.83)  0.51 |
| 6 – 7 controls | 1.66  (1.23, 2.32)  0.001 | 1.01  (0.68, 1.50)  0.968 | 1.16  (0.73, 1.83)  0.54 |
| **High Safety Climate**  (ref: safety climate score below median n=960) | 2.17  (1.80, 2.61)  <0.001 | 1.58  (1.27, 1.97)  <0.001 | 1.53  (1.23, 2.01)  0.002 |
| **High Work demands**  (ref: work demands score below median, n=1,125) | 0.72  (0.62, 0.84)  <0.001 | 0.85  (0.71, 1.01)  0.072 | 0.88  (0.72, 1.07)  0.20 |
| **Protection Enforcement**  (ref: very strictly enforced, n=1,195) |  |  |  |
| Somewhat strictly | 0.81  (0.69, 0.95)  0.011 | 1.01  (0.83, 1.22)  0.946 | 1.01  (0.81, 1.27)  0.92 |
| Not very strictly | 0.38  (0.31, 0.48)  <0.001 | 0.58  (0.43, 0.78)  <0.001 | 0.63  (0.46, 0.87)  0.006 |
| +Model 1: Controlled for age, gender, race (n= 906)  ++Model 2: Controlled for age, gender, race, organization size, COVID-19 case status, social support(n=739). | | | |