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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). |