|  | Null Model | Fixed Effects | Interaction | Random States |
| --- | --- | --- | --- | --- |
| (Intercept) | | 1.370\*\*\* | 1.248\*\*\* | 1.276\*\*\* | 1.289\*\*\* |
|  | | (0.038) | (0.060) | (0.128) | (0.131) |
| Wave | | 0.110\*\*\* | 0.106\*\*\* | 0.150\*\*\* | 0.146\*\*\* |
|  | | (0.012) | (0.013) | (0.040) | (0.040) |
| Urban | |  | 0.168\*\* | 0.195 | 0.202 |
|  | |  | (0.059) | (0.129) | (0.130) |
| Suburban | |  | 0.173\*\* | 0.251 | 0.247 |
|  | |  | (0.066) | (0.155) | (0.155) |
| Bipoc percent | |  | 0.034 | 0.040 | 0.040 |
|  | |  | (0.029) | (0.030) | (0.030) |
| Frpl percent | |  | 0.042+ | 0.035 | 0.035 |
|  | |  | (0.025) | (0.025) | (0.026) |
| Northeast | |  |  | 0.005 | 0.009 |
|  | |  |  | (0.162) | (0.166) |
| Midwest | |  |  | -0.154 | -0.162 |
|  | |  |  | (0.161) | (0.166) |
| West | |  |  | 0.065 | 0.051 |
|  | |  |  | (0.145) | (0.149) |
| pre\_covid | |  |  | -0.297\*\*\* | -0.302\*\*\* |
|  | |  |  | (0.089) | (0.089) |
| wave × Northeast | |  |  | -0.040 | -0.042 |
|  | |  |  | (0.037) | (0.037) |
| wave × Midwest | |  |  | 0.007 | 0.008 |
|  | |  |  | (0.042) | (0.042) |
| wave × West | |  |  | -0.056 | -0.053 |
|  | |  |  | (0.035) | (0.036) |
| Urban × Northeast | |  |  | 0.319\* | 0.312\* |
|  | |  |  | (0.150) | (0.154) |
| Suburban × Northeast | |  |  | -0.051 | -0.043 |
|  | |  |  | (0.193) | (0.194) |
| Urban × Midwest | |  |  | 0.325\* | 0.322\* |
|  | |  |  | (0.140) | (0.143) |
| Suburban × Midwest | |  |  | 0.428\* | 0.443\*\* |
|  | |  |  | (0.168) | (0.169) |
| Urban × West | |  |  | 0.341\*\* | 0.331\* |
|  | |  |  | (0.131) | (0.133) |
| Suburban × West | |  |  | 0.178 | 0.180 |
|  | |  |  | (0.163) | (0.163) |
| wave × Urban | |  |  | -0.109\*\* | -0.108\*\* |
|  | |  |  | (0.035) | (0.035) |
| wave × Suburban | |  |  | -0.089\* | -0.090\* |
|  | |  |  | (0.043) | (0.043) |
| SD (Intercept school\_id) | | 0.263 | 0.221 | 0.177 | 0.167 |
| SD (Intercept school\_state) | |  |  |  | 0.063 |
| Num.Obs. | | 817 | 680 | 676 | 676 |
| R2 Marg. | | 0.094 | 0.154 | 0.252 | 0.245 |
| R2 Cond. | | 0.348 | 0.337 | 0.364 | 0.359 |
| AIC | | 3749.0 | 3114.5 | 3072.8 | 3074.2 |
| BIC | | 3763.2 | 3146.1 | 3172.1 | 3178.0 |
| ICC | | 0.3 | 0.2 | 0.1 | 0.2 |
| RMSE | | 1.63 | 1.74 | 1.80 | 1.80 |
| + p < 0.1, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001 | | | | | |