Appendix C: Household Food Insecurity and School Readiness: Analysis of the Healthy and Ready-to-Learn Domains by Schooling Status

|  |  |
| --- | --- |
|  | ***Schooling Status*** |
|  | *Yes (N = 10,255)* | *No (N = 5,147)* |
|  | Unadjusted IRR(CI) | Unadjusted IRR(CI) | Unadjusted IRR(CI) | Unadjusted IRR(CI) |
| Household Food Insecurity | **Early Learning Skills** |
|  | Needs Support/At-Risk Index | At-Risk Index | Needs Support/At-Risk Index | At-Risk Index |
| **Mild****Moderate-to-Severe** | 1.44\*\*(1.28-1.62) | 1.71\*\*(1.39-2.10) | 1.22\*\*(1.08-1.38) | 1.36\*(1.06-1.73) |
| 1.71\*\*(1.37-2.15) | 2.34\*\*(1.68-3.26) | 1.25\*(1.02-1.53) | 1.41†(0.95-2.10) |
|  | **Self-Regulation** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild****Moderate-to-Severe** | 1.60\*\*(1.33-1.94) | 2.41\*(1.15-5.08) | 1.33\*\*(1.14-1.54) | 1.47†(0.93-2.32) |
| 2.19\*\*(1.76-2.72) | 4.40\*\*(2.46-7.89) | 2.14\*\*(1.61-2.84) | 4.98\*\*(2.30-10.78) |
|  | **Social-Emotional Development** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild** | 1.44\*\*(1.20-1.72) | 2.52\*\*(1.25-5.07) | 1.17\*(1.02-1.34) | 1.52†(0.93-2.47) |
| **Moderate-to-Severe** | 1.80\*\*(1.40-2.31) | 2.66\*\*(1.59-4.45) | 1.78\*\*(1.40-2.26) | 6.14\*\*(2.97-12.69) |
|  | **Physical Health & Motor Development** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild** | 1.82\*\*(1.46-2.29) | 2.05\*\*(1.30-3.21) | 1.38\*\*(1.15-1.65) | 1.48\*(1.15-2.22) |
| **Moderate-to-Severe** | 2.10\*\*(1.52-2.91) | 1.89\*(1.10-3.23) | 1.79\*\*(1.42-2.26) | 2.23\*(1.19-4.18) |

Appendix C: Household Food Insecurity and School Readiness: Analysis of the Healthy and Ready-to-Learn Domains by Age Group

|  |  |
| --- | --- |
|  | ***Age 5 years*** |
|  | *Yes (N = 5,101)* | *No (N = 10,301)* |
|  | Unadjusted IRR(CI) | Unadjusted IRR(CI) | Unadjusted IRR(CI) | Unadjusted IRR(CI) |
| Household Food Insecurity | **Early Learning Skills** |
|  | Needs Support/At-Risk Index | At-Risk Index | Needs Support/At-Risk Index | At-Risk Index |
| **Mild****Moderate-to-Severe** | 1.41\*\*(1.17-1.68) | 1.55\*\*(1.15-2.08) | 1.35\*\*(1.23-1.48) | 1.59\*\*(1.33-1.92) |
| 1.80\*\*(1.43-2.27) | 2.24\*\*(1.58-3.18) | 1.42\*\*(1.16-1.74) | 1.81\*\*(1.26-2.60) |
|  | **Self-Regulation** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild****Moderate-to-Severe** | 1.51\*\*(1.19-1.93) | 1.26(0.62-2.57) | 1.49\*\*(1.28-1.73) | 2.54\*\*(1.39-4.67) |
| 2.46\*\*(1.77-3.42) | 4.03\*\*(1.80-9.04) | 2.11\*\*(1.70-2.62) | 5.31\*\*(2.92-9.66) |
|  | **Social-Emotional Development** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild** | 1.32\*\*(1.13-1.55) | 1.62†(0.97-2.70) | 1.33\*\*(1.12-1.59) | 2.54\*(1.16-5.57) |
| **Moderate-to-Severe** | 1.75\*\*(1.35-2.28) | 2.51\*\*(1.25-5.04) | 1.79\*\*(1.43-2.25) | 4.22\*\*(2.46-7.24) |
|  | **Physical Health & Motor Development** |
|  | Needs Support/At-Risk Index | At-Risk Items | Needs Support/At-Risk Index | At-Risk Items |
| **Mild** | 1.66\*\*(1.19-2.31) | 1.51†(0.93-2.43) | 1.65\*\*(1.39-1.95) | 2.41\*\*(1.49-3.91) |
| **Moderate-to-Severe** | 2.56\*\*(1.62-4.04) | 2.19\*\*(1.31-3.68) | 1.75\*\*(1.45-2.11) | 1.88\*(1.13-3.11) |