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) |