# **S1 Appendix.**

Table A1. Relationship between depression and lagged childcare.

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
|  | Female | Male | All |
|  |  |  |  |
| Lagged Childcare hours per weekday | 0.010\*\* | -0.002 | 0.006 |
|  | (0.005) | (0.007) | (0.004) |
| **Location (Reference = lives in formal location)** |  |  |  |
| Lives in informal location | 0.279\*\* | 0.117 | 0.230\*\* |
|  | (0.115) | (0.143) | (0.090) |
| Lives in traditional location | -0.070 | -0.077 | -0.067 |
|  | (0.127) | (0.163) | (0.100) |
| Lives on a farm or smallholding | -0.179 | -0.031 | -0.128 |
|  | (0.148) | (0.204) | (0.119) |
| Married or cohabiting | -0.137 | -0.050 | -0.113\* |
|  | (0.084) | (0.123) | (0.068) |
| Not employed | -0.164\* | -0.134 | -0.157\*\* |
|  | (0.085) | (0.113) | (0.067) |
| Household experienced a decrease in main source of income in past 4 weeks | 0.141\* | 0.280\*\* | 0.190\*\*\* |
|  | (0.085) | (0.117) | (0.069) |
| Someone in household experienced hunger in last 7 days due to lack of food | 0.766\*\*\* | 0.873\*\*\* | 0.793\*\*\* |
|  | (0.101) | (0.139) | (0.081) |
| Lives in a house/flat (otherwise, traditional/ informal/ other type of house) | 0.053 | -0.072 | 0.008 |
|  | (0.100) | (0.133) | (0.079) |
| **Perception of COVID-19 risk (Reference = not at risk of contracting COVID-19)** |  |  |  |
| Self-perceived uncertain risk of COVID-19 | 0.133 | -0.014 | 0.073 |
|  | (0.144) | (0.191) | (0.115) |
| Self-perceived at risk of COVID-19 | 0.512\*\*\* | 0.313\*\*\* | 0.439\*\*\* |
|  | (0.087) | (0.113) | (0.069) |
| Years of schooling | 0.028\*\* | -0.013 | 0.014 |
|  | (0.013) | (0.017) | (0.010) |
| Age (years) | 0.002 | -0.004 | -0.000 |
|  | (0.003) | (0.005) | (0.003) |
| **Race (Reference = African)** |  |  |  |
| Coloured | 0.865\*\*\* | 1.137\*\*\* | 0.974\*\*\* |
|  | (0.147) | (0.184) | (0.114) |
| Asian/Indian | 0.611 | 0.671 | 0.625\* |
|  | (0.571) | (0.463) | (0.354) |
| White | 0.716\*\*\* | 1.036\*\*\* | 0.861\*\*\* |
|  | (0.230) | (0.259) | (0.171) |
| Male (otherwise, female) |  |  | 0.110 |
|  |  |  | (0.070) |
| Household member(s) received grant | 0.028 | 0.075 | 0.068 |
|  | (0.126) | (0.125) | (0.088) |
| Number of co-resident children | 0.027 | 0.032 | 0.029 |
|  | (0.022) | (0.029) | (0.017) |
| Cutoff 1 | 0.708\*\* | -0.129 | 0.468\*\* |
|  | (0.298) | (0.351) | (0.231) |
| Cutoff 2 | 1.392\*\*\* | 0.502 | 1.130\*\*\* |
|  | (0.299) | (0.352) | (0.232) |
| Cutoff 3 | 2.124\*\*\* | 1.106\*\*\* | 1.811\*\*\* |
|  | (0.301) | (0.353) | (0.233) |
| Cutoff 4 | 3.089\*\*\* | 2.143\*\*\* | 2.800\*\*\* |
|  | (0.306) | (0.358) | (0.237) |
| Cutoff 5 | 3.929\*\*\* | 2.915\*\*\* | 3.610\*\*\* |
|  | (0.313) | (0.366) | (0.242) |
| Cutoff 6 | 4.328\*\*\* | 3.222\*\*\* | 3.969\*\*\* |
|  | (0.319) | (0.371) | (0.246) |
|  |  |  |  |
| Pseudo R2 | 0.025 | 0.026 | 0.024 |
| p | 0 | 0 | 0 |
| Observations | 2,119 | 1,272 | 3,391 |

Note: Model is ordered logit; Outcome is PHQ-2 depression scores; \*, \*\*, \*\*\* indicate statistical significance at 10%, 5% and 1% level of significance; Standard errors in parentheses.