**Supplementary Table 1: Median rate ratio from multilevel Poisson regressions**

| **State** | **Level** | **Null** | **Individual1** | **Full2** |
| --- | --- | --- | --- | --- |
| **AP** | PHC | 1.54 | 1.54 | 1.55 |
| **HR** | PHC | 2.05 | 2.07 | 1.86 |
| **AP** | village | 1.36 | 1.34 | 1.27 |
| **HR** | village | 2.06 | 2.02 | 1.98 |

1 includes sex (male/female), age in years, anxiety and depression scores at screening as fixed effects.

2 includes sex (male/female), age in years, anxiety and depression scores at screening; village population density, percentage of village population belonging to scheduled caste, percentage of village population belonging to scheduled tribe (only for Andhra Pradesh), village development index; and availability of mental health services at PHC as fixed effects.