**Supplementary Table 1. Sensitivity analyses for the primary outcome**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Effect estimate** | **95% CI** | **p value** |
| **Propensity Score Analysis - ATE1** |  |  |  |
| Supported Housing vs Residential Care | 0.23 | (0.09, 0.38) | 0.002 |
| Floating Outreach vs Residential Care | 0.51 | (0.29, 0.72) | <0.001 |
| Floating Outreach vs Supported Housing | 0.27 | (0.05, 0.46) | 0.018 |
|  | Odds Ratio | 95% CI | P-value |
| **Sensitivity analysis - including only participants with psychosis\*** |  |  |  |
| Supported Housing vs Residential Care | 4.22 | (1.56, 11.42) | 0.005 |
| Floating Outreach vs Residential Care | 15.08 | (5.31, 42.78) | <0.001 |
| Floating Outreach vs Supported Housing | 3.57 | (1.51, 8.43) | 0.004 |
|  |  |  |  |
| **Sensitivity analysis - replacing area with mental health index score** |  |  |  |
| Supported Housing vs Residential Care | 6.97 | (2.74, 17.72) | <0.001 |
| Floating Outreach vs Residential Care | 31.00 | (11.41, 84.27) | <0.001 |
| Floating Outreach vs Supported Housing | 4.45 | (2.09, 9.46) | <0.001 |
|  |  |  |  |
| **Sensitivity analysis - reclassifying primary outcome for FO to include only those with 50% reduction in hours of support\*** |  |  |  |
| Supported Housing vs Residential Care | 5.94 | (2.21, 15.98) | <0.001 |
| Floating Outreach vs Residential Care | 21.74 | (8.05, 58.69) | <0.001 |
| Floating Outreach vs Supported Housing | 3.66 | (1.64, 8.15) | 0.001 |

1analysis included LSP score at recruitment, composite risk variable (self neglect and/or vulnerability to exploitation, risk to others, self-harm), whether the participant had psychosis, and age at recruitment.

\*adjusted for area as a fixed effect and service as a random effect