**S2 Table: C statistic for each score stratified by quintile of deprivation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Quintile of deprivation\* | N | (%) | Linked score | Charlson index | Elixhauser index |
| 1 | 55205.00 | 0.17 | 0.89 | 0.88 | 0.88 |
| 2 | 70271.00 | 0.21 | 0.88 | 0.88 | 0.87 |
| 3 | 68684.00 | 0.21 | 0.88 | 0.87 | 0.87 |
| 4 | 72594.00 | 0.22 | 0.88 | 0.87 | 0.87 |
| 5 | 61882.00 | 0.19 | 0.87 | 0.86 | 0.86 |

 \* Index of Multiple Deprivation 2007 quintile [58]. 1 = Lowest risk of deprivation.