|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Borough | Start date for data collection $(T\_{0})$ | Start date of IRIS implementation$(T\_{1})$ | Start date of IRIS service of disruption ($T\_{2})$ | End date of IRIS service disruption ($T\_{3})$ | End of IRIS data ($T\_{4})$ | Referral rate: mean [bias-corrected bootstrapped CI] |  |
|  | Over IRIS implementation period for which we have data ($T\_{4}-T\_{1}$) | During period of IRIS implementation before disruption ($T\_{2}-T\_{1}$) | During period of IRIS service disruption ($T\_{3}-T\_{2}$) | Over period post IRIS service disruption ($T\_{4}-T\_{3}$) |
| B | 14.03.13 (t=0) | 14.03.14 (t=365) | 29.07.16 (t=1234) | 08.02.17 (t=1428) | 31.03.17(t=1479) | 0.0344 [0.01965,0.0492] | 0.04336 [0.0278,0.0589] | 0.0023 [0.000551,0.00405] | 0.005[0.00032,0.0097] |
| C | 02.10.13(t=0) | 02.10.14(t=365) | 05.08.16(t=1039) | 31.10.16(t=1125) | 25.03.17(t=1271) | 0.0307 [0.0271,0.034] | 0.0335 [0.0290,0.0379] | 0.0156 [0.0073,0.0239] | 0.0265 [0.0171,0.0362] |

Table 1: Timeline of IRIS data collection and mean referral rate across boroughs B and C over different time periods. We highlight the times of the data collection start and end, as well as the start and end of the service disruption in each borough. These times are labelled in Figures 1(a)-(b).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Borough | Observed coefficient | Bootstrap Standard error | IRR [95% CI] | p-value |
| B | -1.202 | 0.434 | 0.301 [0.128,0.774] | 0.006 |
| C | -0.667 | 0.237 | 0.513 [0.322,0.817] | 0.005 |

Table 2: Results from the statistical analysis showing the impact of the interruption of IRIS service (IRR) and the p-value of the IRIS service interruption.