**Additional file 2**

There are 4 tables in additional file 2.

**Table S1** ITSA results of medical expenses

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome variable | Pre-intervention trend | Level change | Trend change |
| Per capita HE, ¥ | 124.2\*\*  (52.8 to 195.6) | −1112.4\*\*\*  (−1610.5 to −614.3) | −301.9\*\*\*  (−394.8 to −208.9) |
| Per capita DE, ¥ | 33.8\*  (7.9 to 59.7) | −508.6\*\*\*  (−676.3 to −340.9) | −105.5\*\*\*  (−137.3 to −73.6) |
| Per capita DTE, ¥ | 88.7\*\*  (38.0 to 139.4) | −576.7\*\*  (−946.2 to −207.2) | −192.0\*\*\*  (−256.8 to −127.3) |
| Per capita BMI reimbusement, ¥ | 92.2\*\*  (33.0 to 151.3) | −805.2\*\*\*  (−1170.0 to −440.5) | −228.8\*\*\*  (−298.1 to −159.4) |

Notes: Data are coefficient, the numbers in parentheses indicate 95% confidence interval. \* *P* < 0.05 \*\* *P* < 0.01 \*\*\* *P* < 0.001

**Table S2** ITSA results of the distribution of medical expense

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome variable | Pre−intervention trend | Level change | Trend change |
| DE ratio, % | −0.05  (−2.8 to 0.2) | −2.08\*\*  (−3.52 to −0.64) | −0.32\*  (−0.55 to −0.08) |
| DTE ratio, % | 0.08  (−0.12 to 0.28) | 2.04\*\*  (0.71 to 3.36) | 0.25 \*\*  (0.04 to 0.46) |
| Reimbursement ratio, % | 0.04  (−0.13 to 0.21) | 0.12  (−1.34 to 1.56) | −0.17  (−0.43 to 0.09) |

Notes: Data are coefficient, the numbers in parentheses indicate 95% confidence interval. \* *P* < 0.05 \*\* *P* < 0.01 \*\*\* *P* < 0.001

**Table S3** ITSA results of medical utilisation in different hospitals

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome variable | Pre−intervention trend | Level change | Trend change |
| Number of inpatients in primary hospitals | 109.5  (−102 to 321.4) | 778.3  (−1685.5 to 3242.0) | −304.8  (−644.2 to 34.6) |
| Number of inpatients in secondary hospitals | 85.8  (−17.8 to 189.4) | 869.2  (−443.6 to 2182.0) | −457.8\*\*\*  (−642.7 to −272.8) |
| Number of inpatients in tertiary hospitals | 137.0  (−51.8 to 325.9) | −806.3  (−2461.6 to 848.9) | −257.0\*  (−510.2 to −3.9) |

Notes: Data are coefficient, the numbers in parentheses indicate 95% confidence interval. \* *P* < 0.05 \*\* *P* < 0.01 \*\*\* *P* < 0.001

**Table S4** ITSA results of BMI reimbursement in different hospitals

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome variable | Pre−intervention trend | Level change | Trend change |
| Primary hospitals | −9.4  (−52.2 to 33.5) | −2.8  (−218.3 to −212.7) | 29.6  (−18.0 to 77.2) |
| Secondary hospitals | 120.3\*\*  (48.1 to 192.5) | −1613.4\*  (−2926.6 to −300.1) | 134.9  (−176.9 to 446.6) |
| Tertiary hospitals | 122.8\*  (24.8 to 220.8) | −1327.9\*\*  (−2115.2 to −540.5) | −254.7\*\*\*  (−376.0 to −133.5) |

Notes: Data are coefficient, the numbers in parentheses indicate 95% confidence interval. \* *P* < 0.05 \*\* *P* < 0.01 \*\*\* *P* < 0.001