**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