**Table S1**. **Annual and cumulative recurrence rate of TB patients with high and low treatment consistency**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall | Treatment consistency | |  |
|  | N=54803 | High\*,  N = 37054 | Low\*,  N = 17749 | *P-*value |
| Annual recurrence rate (case/100,000 person-years) | | | | |
| Year 1 | 699.5 | 601.4 | 908.7 | 0.0001 |
| Year 2 | 437.4 | 384.3 | 555.6 | 0.0122 |
| Year 3 | 367.1 | 351.7 | 402.4 | 0.5360 |
| Year 4 | 207.4 | 197.4 | 230.6 | 0.6121 |
| Year 5 | 181 | 165.1 | 218.6 | 0.3274 |
| Cumulative recurrence rate (case/100,000 person-years) | | | | |
| Year 1 | 699.5 | 601.4 | 908.7 | 0.0001 |
| Year 2 | 1144.3 | 990.5 | 1479.4 | <0.0001 |
| Year 3 | 1521.6 | 1347.9 | 1905.9 | <0.0001 |
| Year 4 | 1749 | 1559.2 | 2174.4 | <0.0001 |
| Year 5 | 1950.6 | 1739.4 | 2428.8 | <0.0001 |

\* High consistency: using isoniazid, rifampicin, and pyrazinamide for >48 days in the first 2 months plus isoniazid and rifampicin for >144 days in the first 6 months. Low consistency: the aforementioned criteria were not fulfilled.

Acronym: TB, tuberculosis.

**Table S2. OPD visiting and admission status of TB patients with high and low treatment consistency\***

| **Characteristics** | **Treatment consistency** | | ***P*-value** | |
| --- | --- | --- | --- | --- |
| **High**+**, N= 37054** | **Low+, N=17749** |
| **1 year prior to TB diagnosis** | | | | |
| With admission (%)‡ | 0 | 0 |  |
| Number of admissions within 12 months (mean) | 0.00 (0.00) | 0.00 (0.00) |  |
| Hospital days per admission (mean) | 0.00 (0.00) | 0.00 (0.00) |  |
| OPD visits within 12  Mo months (mean) | 25.25 (22.33) | 28.11 (24.29) | <0.0001 |
| Number of blood tests  within 12 months  (mean) |  |  |  |
| CBC | 3.23 (5.89) | 4.60 (8.01) | <0.0001 |
| Liver function tests | 3.37 (5.88) | 4.43 (7.68) | <0.0001 |
| Uric acid | 0.54 (1.24) | 0.65 (1.39) | <0.0001 |
| **During anti-TB treatment** | | | | |
| With admission (%) (index day within 1 year) | 11804 (31.86%) | 12719 (71.66%) | <0.0001 |
| Number of admissions (index day within 1 year) (mean) | 0.39 (0.65) | 1.22 (1.17) | <0.0001 |
| Hospital days per admission (mean) | 3.39 (6.14) | 11.72 (11.12) | <0.0001 |
| OPD visits (index day within 1 year) (mean) | 35.21 (21.86) | 37.42 (22.06) | <0.0001 | |
| Number of blood tests (index day within 1 year) (mean) |  |  |  | |
| CBC | 5.72 (7.63) | 11.17 (13.47) | <0.0001 | |
| Liver function tests | 14.27 (10.45) | 20.30 (16.10) | <0.0001 | |
| Uric acid | 2.86 (2.39) | 3.32 (2.78) | <0.0001 | |

\* Data are presented as mean ± SD or N (%) unless otherwise stated.

+ High consistency: using isoniazid, rifampicin, and pyrazinamide for >48 days in the first 2 months, plus isoniazid and rifampicin for >144 days in the first 6 months. Low consistency: the aforementioned criteria were not fulfilled.

‡ Only TB-related admission was included.

Acronyms: CBC, complete blood test. OPD, outpatient department. TB, tuberculosis

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