Supplementary material:

Factors associated with treatment outcome at the end of treatment using univariate logistic regression analysis

| Independent variables (n=98) | Treatment outcome | OR (0.95% CI) | p-value |
|-----------------------------|-------------------|---------------|---------|
|                             | Successful (n=85) | Unsuccessful (n=13) |         |
| *Age                        | 29 (22-40)        | 33.5 (25-44.7)    | 0.97 (0.95-1.04) | 0.896 |
| *Body weight at admission   | 48 (45-57.5)      | 47.0 (36.2-60.5)  | 1.03 (0.97-1.09) | 0.347 |
| *Body weight after 8 months (n=85) | 56 (47-60)        | 43.2 (10.5-NA)    | 1.08 (0.98-1.18) | 0.140 |
| *Levofloxacin dose, mg/kg   | 15.6 (13.5-17.0)  | 16 (12.92-18.35)  | 0.99 (0.80-1.22) | 0.929 |
| Gender                      |                   |                |         |
| Male                        | 48 (56.5)         | 7 (58.3)        | 0.93 (0.27-3.15) | 0.903 |
| Female                      | 37 (43.5)         | 5 (41.7)        | Ref      |
| Prior anti-TB therapy       |                   |                |         |
| No                          | 8 (9.4)           | 2 (16.7)        | Ref      | 0.446 |
| Yes                         | 77 (90.6)         | 10 (83.3)       | 1.92 (0.35-10.36) | 0.321 |
| *Days of sputum conversion (n=75) | 90 (60-105)        | 45 (30-112.5)   | 1.01 (0.98-1.04) | 0.002 |
| *Days of culture conversion (n=81) | 90 (60-90)         | 30 (30-37.5)    | 1.09 (1.03-1.15) | 0.063 |
| Alcohol abuse (n=84)        |                   |                |         |
| No                          | 62 (82.7)         | 8 (88.9)        | Ref      |
| Yes                         | 13 (17.3%)        | 1 (11.1%)       | 1.67 (0.19-14.51) | 0.639 |
| Chest Radiography (n=80)    |                   |                |         |
| Cavitary lesion             | 5 (5.9)           | 1 (8.3)         | 0.80 (0.07-8.75) | 0.855 |
| Bilateral pulmonary involvement with cavitary lesion | 10 (11.8) | 1 (8.3) | 1.60 (0.16-16.13) | 0.690 |
| Bilateral pulmonary involvement | 32 (37.6)         | 2 (16.7)        | 2.6 (0.43-15.12) | 0.300 |
| Non cavitary non-bilateral pulmonary involvement | 25 (29.4) | 4 (33.3) | Ref |

Data are presented as n (%), unless otherwise stated: *median (interquartile ranges). OR: odds ratio; CI: confidence intervals.