

Supplementary Table 1

The results of logistic regression analysis for significance of factors for ototoxicity occurrence in patients with MDR-TB (N=47). Statistically significant factors are highlighted in bold. *Ref* – reference.

Standardized coefficients for variable *Ototoxicity*

| Source | Value | Standard error | Wald Chi-Square | Pr > Chi ² | Wald Lower bound (95%) | Wald Upper bound (95%) |
|---------------------------|------------|----------------|-----------------|-----------------------|------------------------|------------------------|
| Age | 0.062 | 0.246 | 0.064 | 0.801 | -0.420 | 0.544 |
| Sex | | | | | | |
| Female | <i>Ref</i> | | | | | |
| Male | 0.111 | 0.321 | 0.120 | 0.729 | -0.517 | 0.740 |
| Capreomycin injections | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | -0.228 | 0.251 | 0.828 | 0.363 | -0.719 | 0.263 |
| Amikacin injections | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | 0.458 | 0.233 | 3.867 | 0.049 | 0.002 | 0.915 |
| Previous renal impairment | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | 0.181 | 0.242 | 0.558 | 0.455 | -0.294 | 0.655 |
| HIV infection | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | 0.078 | 0.402 | 0.037 | 0.847 | -0.709 | 0.865 |
| ART | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | 0.078 | 0.376 | 0.043 | 0.837 | -0.659 | 0.814 |
| HCV infection | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | -0.052 | 0.309 | 0.028 | 0.867 | -0.657 | 0.554 |
| DM | | | | | | |
| No | <i>Ref</i> | | | | | |
| Yes | 0.039 | 0.207 | 0.035 | 0.851 | -0.367 | 0.445 |
| BMI | | | | | | |
| Normal | <i>Ref</i> | | | | | |
| Obese | 0.092 | 0.206 | 0.198 | 0.656 | -0.313 | 0.497 |
| Overweight | -0.002 | 0.205 | 0.000 | 0.992 | -0.403 | 0.399 |
| Underweight | 0.105 | 0.215 | 0.239 | 0.625 | -0.316 | 0.525 |
| Smoking experience | | | | | | |
| Non-smoker | <i>Ref</i> | | | | | |
| Smoking experience | -0.150 | 0.326 | 0.210 | 0.646 | -0.789 | 0.490 |
| Alcohol use | | | | | | |
| Increased | <i>Ref</i> | | | | | |
| Normal | -0.068 | 0.234 | 0.085 | 0.771 | -0.528 | 0.391 |
| MDR-TB occurrence | | | | | | |
| Primary TB | <i>Ref</i> | | | | | |
| Recurrence of TB | 0.188 | 0.201 | 0.873 | 0.350 | -0.206 | 0.583 |

Supplementary Table 2

The results of logistic regression analysis for significance of factors for nephrotoxicity occurrence in patients with MDR-TB (N=47). *Ref* – reference.

Standardized coefficients for variable *Nephrotoxicity*

| Source | | Value | Standard error | Wald Chi-Square | Pr > Chi ² | Wald Lower bound (95%) | Wald Upper bound (95%) |
|---------------------------|--------------------|------------|----------------|-----------------|-----------------------|------------------------|------------------------|
| Age | | 0.141 | 0.271 | 0.272 | 0.602 | -0.389 | 0.671 |
| Sex | | | | | | | |
| | Female | <i>Ref</i> | | | | | |
| | Male | 0.164 | 0.289 | 0.324 | 0.569 | -0.402 | 0.730 |
| Capreomycin injections | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | -0.357 | 0.250 | 2.032 | 0.154 | -0.847 | 0.134 |
| Amikacin injections | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | -0.373 | 0.296 | 1.585 | 0.208 | -0.953 | 0.208 |
| Previous renal impairment | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | 0.206 | 0.240 | 0.737 | 0.391 | -0.265 | 0.677 |
| HIV infection | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | 0.009 | 0.466 | 0.000 | 0.984 | -0.905 | 0.923 |
| ART | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | -0.018 | 0.411 | 0.002 | 0.965 | -0.824 | 0.788 |
| HCV infection | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | 0.279 | 0.340 | 0.673 | 0.412 | -0.387 | 0.944 |
| DM | | | | | | | |
| | No | <i>Ref</i> | | | | | |
| | Yes | 0.065 | 0.265 | 0.060 | 0.807 | -0.455 | 0.585 |
| BMI | | | | | | | |
| | Normal | <i>Ref</i> | | | | | |
| | Obese | 0.249 | 0.228 | 1.194 | 0.275 | -0.197 | 0.695 |
| | Overweight | 0.168 | 0.202 | 0.696 | 0.404 | -0.227 | 0.563 |
| | Underweight | 0.278 | 0.237 | 1.374 | 0.241 | -0.187 | 0.742 |
| Smoking experience | | | | | | | |
| | Non-smoker | <i>Ref</i> | | | | | |
| | Smoking experience | 0.024 | 0.323 | 0.005 | 0.942 | -0.609 | 0.657 |
| Alcohol use | | | | | | | |
| | Increased | <i>Ref</i> | | | | | |
| | Normal | 0.447 | 0.318 | 1.980 | 0.159 | -0.176 | 1.071 |
| MDR-TB occurrence | | | | | | | |
| | Primary TB | <i>Ref</i> | | | | | |
| | Recurrence of TB | 0.089 | 0.205 | 0.189 | 0.664 | -0.313 | 0.491 |