* **Supplementary file 2. Parameters used to estimate mortality attributable to multidrug-resistance in Thailand**

|  |  |  |  |
| --- | --- | --- | --- |
| * Parameter | * Unit | * Value | * Reference |
| * Cumulative incidence of MDR *S. aureus* bacteraemia in Thailand in 2010 | * Patients | * 2,017 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *S. aureus* LRTI in Thailand in 2010 | * Patients | * 13,683 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *S. aureus* UTI in Thailand in 2010 | * Patients | * 288 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *S. aureus* SSTI in Thailand in 2010 | * Patients | * 864 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *S. aureus* other site in Thailand in 2010 | * Patients | * 1,873 | * Pumart, 2012.[15](#_ENREF_23) |
| * Attributable mortality of MDR *S. aureus* bacteraemia | * % | * 14.8 | * This study |
| * Attributable mortality of MDR *S. aureus* LRTI | * % | * 17.5 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *S. aureus* UTI | * % | * 1.2 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *S. aureus* SSTI | * % | * 3.3 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *S. aureus* other site | * % | * 4.3 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Cumulative incidence of MDR *E. coli* bacteraemia in Thailand in 2010 | * Patients | * 144 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *E. coli* LRTI in Thailand in 2010 | * Patients | * 1,728 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *E. coli* UTI in Thailand in 2010 | * Patients | * 2,449 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *E. coli* SSTI in Thailand in 2010 | * Patients | * 346 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *E. coli* other site in Thailand in 2010 | * Patients | 6,449 | * Pumart, 2012.[15](#_ENREF_23) |
| * Attributable mortality of MDR *E. coli* bacteraemia | * % | * 13.8 | * This study |
| * Attributable mortality of MDR *E. coli* LRTI | * % | * 16.3 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *E. coli* UTI | * % | * 1.2 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *E. coli* SSTI | * % | * 3.1 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *E. coli* other site | * % | * 4.0 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Cumulative incidence of MDR *K. pneumoniae* bacteraemia in Thailand in 2010 | * Patients | * 288 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *K. pneumoniae* LRTI in Thailand in 2010 | * Patients | * 8,930 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *K. pneumoniae* UTI in Thailand in 2010 | * Patients | * 1,728 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *K. pneumoniae* SSTI in Thailand in 2010 | * Patients | * 115 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *K. pneumoniae* other site in Thailand in 2010 | * Patients | * 4,178 | * Pumart, 2012.[15](#_ENREF_23) |
| * Attributable mortality of MDR *K. pneumoniae* bacteraemia | * % | * 2.4 | * This study |
| * Attributable mortality of MDR *K. pneumoniae* LRTI | * % | * 2.8 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *K. pneumoniae* UTI | * % | * 0.2 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *K. pneumoniae* SSTI | * % | * 0.5 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *K. pneumoniae other site* | * % | * 0.7 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Cumulative incidence of MDR *P. aeruginosa* bacteraemia in Thailand in 2010 | * Patients | * 94 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *P. aeruginosa* LRTI in Thailand in 2010 | * Patients | * 4,897 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *P. aeruginosa* UTI in Thailand in 2010 | * Patients | * 169 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *P. aeruginosa* SSTI in Thailand in 2010 | * Patients | * 94 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *P. aeruginosa* other site in Thailand in 2010 | * Patients | * 864 | * Pumart, 2012.[15](#_ENREF_23) |
| * Attributable mortality of MDR *P. aeruginosa* bacteraemia | * % | * 4.4 | * This study |
| * Attributable mortality of MDR *P. aeruginosa* LRTI | * % | * 5.2 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *P. aeruginosa* UTI | * % | * 0.4 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *P. aeruginosa* SSTI | * % | * 1.0 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *P. aeruginosa* other site | * % | * 1.3 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Cumulative incidence of MDR *Acinetobacter* sppbactereamia in Thailand in 2010 | * Patients | * 864 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *Acinetobacter* sppLRTI in Thailand in 2010 | * Patients | * 29,672 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *Acinetobacter* sppUTI in Thailand in 2010 | * Patients | * 1,152 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *Acinetobacter* sppSSTI in Thailand in 2010 | * Patients | * 432 | * Pumart, 2012.[15](#_ENREF_23) |
| * Cumulative incidence of MDR *Acinetobacter* sppother site in Thailand in 2010 | * Patients | * 4,433 | * Pumart, 2012.[15](#_ENREF_23) |
| * Attributable mortality of MDR *Acinetobacter* sppbacteraemia | * % | * 40.6 | * This study |
| * Attributable mortality of MDR *Acinetobacter* sppLRTI | * % | * 47.9 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *Acinetobacter* sppUTI | * % | * 3.4 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *Acinetobacter* sppSSTI | * % | * 9.0 | * This study and Martone, 1998.[30](#_ENREF_24) |
| * Attributable mortality of MDR *Acinetobacter* sppother site | * % | * 11.7 | * This study and Martone, 1998.[30](#_ENREF_24) |

* LRTI = Lower respiratory track infection, UTI = Urinary tract infection, SSTI = Skin and Soft tissue infection