**Table S1**: Associations between infection sites and the inappropriate antimicrobial choice.

|  |  |  |
| --- | --- | --- |
|  | **Univariable (unadjusted) analyses** | **Multivariable (adjusted\*) analyses\*\*** |
|  | OR | 95%CI | p-value | OR | 95%CI | p-value |
| Urogenital tract infection | 1.12 | 0.58-2.17 | 0.732 | 1.68 | 0.81-3.47 | 0.162 |
| Lower respiratory tract infection | 1.61 | 0.82-3.15 | 0.164 | 2.26 | 1.08-4.73 | 0.031 |
| Abdominal infection | 1.92 | 0.95-3.88 | 0.070 | 2.64 | 1.22-5.71 | 0.014 |

\*including all three indications (urogenital tract infection, lower respiratory tract infection and abdominal infection)

\*\* Hosmer-Lemeshow test: chi2=0.00, p=1.000

**Figure S1**: Numbers of patients (n=212) with recorded type of allergic reaction in system A and system B.

 **System A System B**



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