**S1 Table. Description of the patient tables used in the analysis**

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| **Table Name** | **Description**  |
| *Patient* | Details of patients' admission to ICU, demographics, and discharge status |
| *ApacheApsVar* | Data used for calculation of Acute Physiology Score (APS) III, which is a part of the APACHE system |
| *ApachePatientResult* | Details of ICU care process (e.g., actual ventilation days) |
| *ApachePredVar* | Variables used for creating APACHE predictions |
| *Diagnosis* | List and details of patients' diagnoses |
| *Lab* | Results of patients' standard laboratory tests |