Appendix 6: Differences in patient characteristics between young children and adolescents with a final diagnosis of SBI.  $^{\rm a}$ 

|  | OR  | Lower limit | Upper limit |                                    |
|--|-----|-------------|-------------|------------------------------------|
| General patient characteristics          |     |             |             |                                    |
| Triage urgency high                      | 1.0 | 0.8         | 1.3         | -                                  |
| Referral by EMS                          | 1.0 | 1.0         | 1.1         | •                                  |
| Comorbidity                              | 1.7 | 1.4         | 2.2         |                                    |
| Vital signs                              |     |             |             |                                    |
| Tachycardia                              | 0.9 | 0.7         | 1.2         |                                    |
| Tachypnoea                               | 0.5 | 0.3         | 0.6         |                                    |
| Prolonged capillary refill               | 1.1 | 0.6         | 2.2         |                                    |
|  |     |             |             | 0.35 0.50 0.71 1.0 1.41 3.5        |
|  | OR  | Lower limit | Upper limit |                                    |
| NICE fever guideline alarming signs      |     |             |             |                                    |
| III appearance                           | 1.4 | 1.1         | 1.8         | -                                  |
| Non-blanching rash                       | 8.0 | 0.3         | 2.1         | -                                  |
| Blanching rash                           | 0.7 | 0.4         | 1.1         | -                                  |
| Increased work of breathing              | 0.4 | 0.3         | 0.7         | -                                  |
| Neurological signs                       | 1.1 | 0.3         | 3.1         | -                                  |
| NICE sepsis guideline high risk criteria |     |             |             |                                    |
| 1 or more                                | 0.4 | 0.3         | 0.5         |                                    |
| 2 or more                                | 0.3 | 0.2         | 0.4         |                                    |
| 3 or more                                | 0.2 | 0.1         | 0.3         | 0.088 0.177 0.354 0.707 1.410 3.50 |

<sup>&</sup>lt;sup>a</sup> Younger children used as reference. Adjusted for hospital, sex, duration of fever, previous medical care, time of arrival and comorbidity. \* According to APLS cut-off values by age.