**Supplemental Digital Content**

**eTable 1:** Inverse probability treatment weighted logistic regression of 28-day mortality

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| **Variable** | **Odds Ratio (95% CI)** | **P value** |
| Corticosteroid exposure  |  |  |
|  With low PERSEVERE-II score | 0.14 (0.02, 1.27) | 0.08 |
|  With high PERSEVERE-II score | 2.93 (1.14, 7.49) | 0.03 |
| High PERSEVERE-II score  | 3.80 (1.08-13.35) | 0.04 |

**eTable 2:** Relationship between potential risk factors and mortality in a subgroup of children with septic shock without bone marrow transplant or malignancy

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| **Variable (n = 376)** | **Odds Ratio (95% CI)** | **P value** |
| Corticosteroid exposure  |  |  |
|  With low PERSEVERE-II score | 0.10 (0.00-0.92) | 0.04 |
|  With high PERSEVERE-II score | 2.67 (1.03-6.94) | 0.04 |
| High PERSEVERE-II score  | 2.53 (0.85-7.89) | 0.09 |
| Age over 1 year | 0.45 (0.17-1.19) | 0.11 |
| PRISM III score | 1.10 (1.05-1.16) | <0.001 |
| Comorbidity presence | 1.11 (0.47-2.70) | 0.81 |