

Supplementary information 6. Determinants original CPMs with thresholds

| CLINICAL PREDICTION MODEL | Determinants present in CPM |
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| 1. BACHUR ET AL. | Positive urine analysis* White blood cell count (WBC) >20,000 or WBC < 4,100/ mm ³ Temperature >39.6° Age <13 days |
| 2. GALETTO LACOUR ET AL. | Positive urine analysis* PCT (<0.5; ≥0.5; ≥2) CRP (<40; 40-99; ≥100) |
| 3. BLEEKER ET AL. | Ill clinical appearance Poor peripheral circulation Chestwall retractions +/- tachypnoea Duration of fever (<i>days</i>) History of vomiting C-reactive protein (<i>continuous</i>) White blood cell count (<i>continuous</i>) Positive urine analysis** |
| 4. NIJMAN ET AL. | Age (<i>continuous</i>) Temperature (<i>continuous</i>) Sex Duration fever (<i>days</i>) Prolonged capillary refill (>2 <i>sec</i>) Chest wall retractions Ill appearance Oxygen saturation (<94% O ₂) Respiratory rate (<i>continuous</i>) Heart rate (<i>continuous</i>) C-reactive protein (<i>continuous</i>) |

* Positive urine dipstick: positive leukocytes esterase, or nitrite test result

** Positive urine dipstick: positive leukocytes esterase (≥ 70 WBC/ul)