

**S1 Table. Candidate factors for the development of the NeoObs Severity Score.**

<b>Infant characteristics</b>	<b>Age at baseline</b>	
	Sex	Male
		Female
	Birth weight	
	Gestational age at birth	
<b>Birth history</b>	Birth status	Hospitalized since birth
		Admitted from home/community
	Time from admission to enrolment	
	Congenital anomalies	
<b>Supportive Care at baseline</b>	IV fluid	
	Parenteral nutrition (TPN)	
	Maximum respiratory support	None
		Oxygen supplementation
		Non-invasive ventilation
		Invasive ventilation
	Nasogastric tube	
<b>Vital parameters</b>	Oxygen saturation	
	Respiratory rate	
	Heart rate	
	Temperature	
<b>Clinical signs at baseline (<math>\geq 5\%</math>)</b>	Respiratory signs*	
	Difficulty feeding <sup>†</sup>	
	Lethargy/reduced movement	Neither
		Lethargy only
		Reduced/no movement
	Abdominal distension	
	Evidence of shock	
	Apnoea	
	Jaundice requiring phototherapy	
	Grunting	
	Hypotonia/floppiness	
	Cyanosis	
	Irritability	
	Vomiting	
	Convulsions	