

Table 18: Loekito 2013A²⁹⁵

Reference	Loekito 2013A ²⁹⁵				
Study type and analysis	Retrospective observational				
Number of participants and characteristics	n=42701 (and additional 13137 people in validation set) Inclusion criteria: People admitted for more than 24h Exclusion criteria: None stated Setting: 2 university affiliated hospitals Country: Australia Age, years. Mean = 65.8 \pm 17.6 Male: 55%				
Diagnostic indicators	Haemoglobin, haematocrit, total bicarbonate, white cell count, albumin, pH, bilirubin, creatinine, urea.				
Outcomes and effect sizes		Death	#tests(#patients)	Survived	#tests(#patients)
	Haemoglobin (g/litre)	106.6 (\pm 22.5)	2106 (1434)	110.8 (\pm 20.1)	350103 (41071)
	Haematocrit (litre/litre)	0.33 (\pm 0.07)	2096 (1431)	0.34 (\pm 0.06)	348605 (40959)
	Total bicarbonate (mmol/litre)	22.8 (\pm 7.2)	2283 (1500)	25.7 (\pm 4.3)	368082 (40767)
	White cell count 10 ⁹ /litre	12.3 (8.4, 17.6)	2098 (1431)	8.2 (6.1, 10.8)	348315 (40959)
	Albumin (g/litre)	24.4 (\pm 7.2)	1147 (874)	2835 (\pm 6.6)	163896 (28398)

	pH	7.28 (\pm 0.15)	649 (437)	7.39 (\pm 0.10)	17175 (6681)
	Bilirubin (micromole/litres)	18 (11, 40)	853 (685)	13 (98, 23)	127237 (25858)
	Creatinine (mmol/litre)	0.15 (0.09, 0.24)	2286 (1503)	0.09 (0.07, 0.13)	368220 (40777)
	Urea (mmol/litre)	15.8 (9.3, 24.2)	2284 (1502)	6.7 (4.3, 11.2)	368176 (40770)
	Mortality (people who died on the same or next day), AUC - ROC [95% CI]				
	Haemoglobin 0.5582 (0.5456, 0.5706)				
	Haematocrit 0.5303 (0.5181, 0.5427)				
	Total bicarbonate 0.6506 (0.6358, 0.6632)				
	White cell count 0.7063 (0.6932, 0.7189)				
	Albumin 0.6628 (0.6472, 0.6801)				
	pH 0.7254 (0.7035, 0.7490)				
	Bilirubin 0.6131 (0.5945, 0.6317)				
	Creatinine 0.6870 (0.6767, 0.6972)				
	Urea 0.7724 (0.7625, 0.7818)				
Comments	Multivariate model derived and based on these variables - additional information given. Partially supported by Cooperative Research Centres programme for Smart Services funded by the Australian Government.				