

Supplementary Material

Does preoperative transfusions impact prognosis in moderate to severe anaemic surgical patients with colon cancer?

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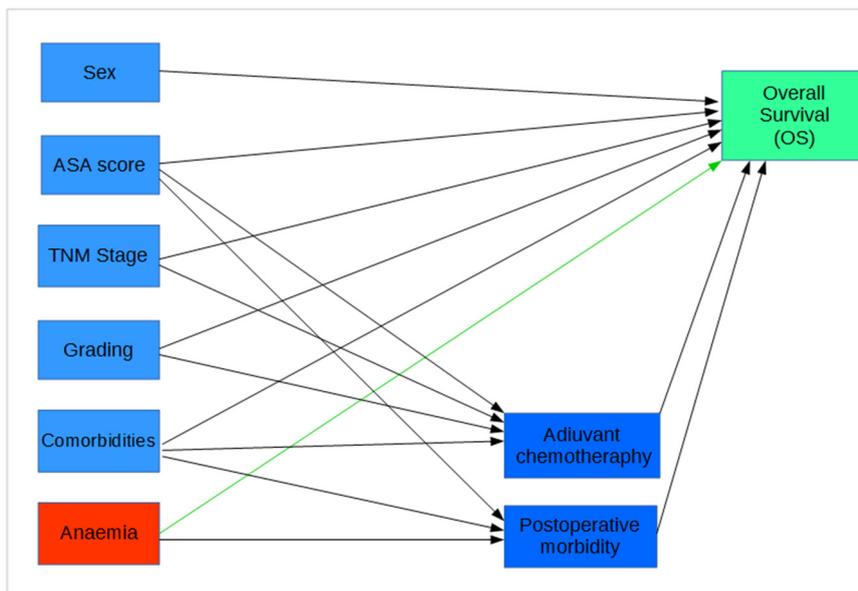


Figure S1. Directed Acyclic Graph (DAG) including anaemia

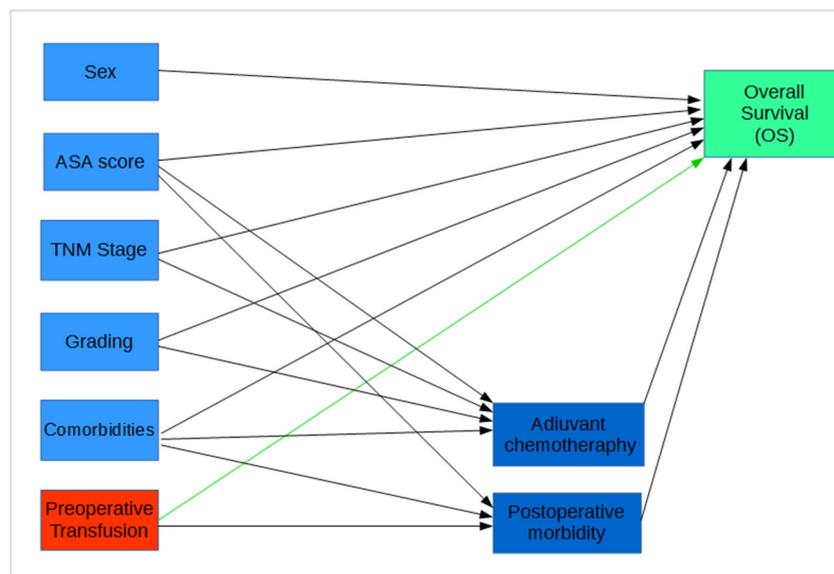


Figure S2: Directed Acyclic Graph (DAG) including preoperative transfusion

Table S1: Modified regression model including postoperative morbidity and adjuvant chemotherapy.

	Preoperative anaemia and transfusion. HR (95% CI).	Preoperative anaemia. HR (95% CI).	Blood Transfusion. HR (95% CI)..
ASA 3-4 (vs 1-2)	1.37 (0.97-1.94)	1.40 (0.98-1.98)	1.43 (1.01-2.03)
Female sex	0.91 (0.68-1.22)	0.92 (0.69-1.24)	0.92 (0.68-1.24)
Adjuvant chemotherapy	1.11 (0.78-1.58)	1.08 (0.76-1.53)	1.12 (0.79-1.59)
Postoperative morbidity	1.23 (0.90-1.69)	1.25 (0.91-1.71)	1.23 (0.90-1.69)
Stage 3-4 (vs Stage 1-2)	2.30 (1.64-3.23)	2.31 (1.65-3.25)	2.30 (1.64-3.22)
Poorly differentiated tumor (G3 vs G1-2)	1.20 (0.86-1.68)	1.18 (0.84-1.66)	1.24 (0.89-1.79)
Preoperative transfusion	1.33 (0.88-2.01)	-	1.52 (1.03-2.27)
CCI (Charlson Comorbidity Index)	1.29 (1.22-1.36)	1.28 (1.21-1.35)	1.30 (1.23-1.38)
Anaemia at admittance	1.46 (1.02-2.07)	1.55 (1.10-2.17)	-

Separate regression models including anaemia or blood transfusion are fitted, alongside a model encompassing both variables.