

**Supplementary Material 1:** Odds ratios comparing the likelihood of surgery receipt between Māori and European liver and stomach cancer patients, iteratively adjusted for covariates.

Cancer	Surgery Type	Māori vs. European Odds Ratios (95% CI)						
		Crude	+ Age	+ Sex	+ Deprivation	+ Rurality	+ Stage	+ Comorbidity
Liver	Received Any Primary Surgery	1.33 (1.13-1.57)	0.9 (0.75-1.08)	0.89 (0.74-1.07)	1.03 (0.85-1.24)	1.01 (0.84-1.23)	0.96 (0.77-1.19)	0.94 (0.76-1.17)
	Received Any Curative Surgery	1.2 (0.96-1.49)	0.8 (0.63-1.01)	0.8 (0.63-1.01)	0.93 (0.73-1.2)	0.93 (0.72-1.19)	0.79 (0.56-1.12)	0.79 (0.56-1.12)
	Major Hepatectomy	1.15 (0.75-1.76)	0.81 (0.52-1.25)	0.84 (0.54-1.3)	0.97 (0.61-1.56)	0.94 (0.59-1.51)	0.89 (0.53-1.49)	0.89 (0.53-1.49)
	Minor Hepatectomy	1.83 (1.35-2.49)	1.44 (1.05-1.97)	1.46 (1.06-2)	1.68 (1.19-2.36)	1.69 (1.2-2.38)	1.96 (1.26-3.04)	1.96 (1.26-3.04)
	Percutaneous Drainage	1.37 (0.69-2.74)	1.16 (0.57-2.38)	1.16 (0.57-2.38)	1.2 (0.55-2.58)	1.21 (0.56-2.62)	1.15 (0.53-2.52)	1.12 (0.51-2.47)
	Transplant	0.59 (0.35-0.98)	0.37 (0.22-0.64)	0.35 (0.21-0.6)	0.39 (0.23-0.69)	0.39 (0.22-0.68)	0.34 (0.19-0.6)	0.33 (0.19-0.6)
	Received Any Palliative Surgery	1.16 (0.96-1.41)	0.91 (0.74-1.12)	0.89 (0.72-1.09)	0.99 (0.79-1.23)	0.98 (0.79-1.21)	0.94 (0.75-1.17)	0.93 (0.74-1.17)
	Liver Ablation	1.19 (0.98-1.45)	0.95 (0.77-1.16)	0.92 (0.74-1.13)	1 (0.8-1.25)	1 (0.8-1.24)	0.95 (0.76-1.2)	0.95 (0.75-1.2)
Stomach	Received Any Primary Surgery	1.5 (1.29-1.74)	1.04 (0.89-1.23)	1.06 (0.9-1.25)	1.11 (0.93-1.33)	1.11 (0.93-1.32)	0.98 (0.79-1.23)	1.02 (0.81-1.27)
	Received Any Curative Surgery	1.49 (1.28-1.73)	1.01 (0.86-1.19)	1.03 (0.87-1.21)	1.07 (0.9-1.28)	1.07 (0.89-1.28)	0.92 (0.73-1.16)	0.96 (0.76-1.21)
	Oesophagectomy	0.22 (0.15-0.34)	0.12 (0.08-0.18)	0.13 (0.08-0.2)	0.12 (0.08-0.19)	0.12 (0.08-0.2)	0.09 (0.06-0.15)	0.1 (0.06-0.16)
	Partial Gastrectomy	1.62 (1.34-1.96)	1.47 (1.2-1.8)	1.43 (1.17-1.76)	1.44 (1.15-1.79)	1.45 (1.16-1.81)	1.3 (1.01-1.66)	1.34 (1.04-1.73)
	Total Gastrectomy	1.74 (1.41-2.14)	1.04 (0.82-1.3)	1.08 (0.86-1.36)	1.15 (0.89-1.48)	1.16 (0.9-1.49)	1.05 (0.8-1.39)	1.11 (0.84-1.46)
	Percutaneous Drainage	1.6 (0.75-3.41)	1.44 (0.63-3.26)	1.52 (0.67-3.44)	1.69 (0.71-4.02)	1.67 (0.7-3.98)	1.55 (0.64-3.77)	1.61 (0.66-3.95)
	Received Any Palliative Surgery	1.58 (1.22-2.05)	1.35 (1.02-1.78)	1.38 (1.04-1.83)	1.54 (1.14-2.08)	1.56 (1.16-2.12)	1.46 (1.07-2)	1.46 (1.07-2)
	Endoscopic Injection	1.07 (0.76-1.52)	1.1 (0.76-1.59)	1.1 (0.76-1.6)	1.1 (0.74-1.63)	1.06 (0.71-1.58)	1.07 (0.71-1.61)	0.96 (0.63-1.45)
Enteroenterostomy	2.18 (1.57-3.03)	1.67 (1.17-2.39)	1.68 (1.17-2.41)	2.04 (1.38-3)	2.1 (1.42-3.1)	1.9 (1.26-2.85)	1.98 (1.31-2.99)	