

Supplement 5 - Estimates for odds ratios (95% confidence intervals) from the fully adjusted model visualised in figure 3

	Breast cancer					
	Breast-conserving surgery at stages I/II	Adjuvant radiotherapy at stages I/II/III	Neoadjuvant chemotherapy at stages I/II/III	Adjuvant chemotherapy at stages I/II/III		
	Nordic countries	0.94 (0.75 - 1.19)	1.06 (0.81 - 1.38)	0.80 (0.48 - 1.35)	1.19 (0.90 - 1.58)	
	Western Europe	1.01 (0.77 - 1.33)	0.95 (0.70 - 1.31)	1.13 (0.63 - 2.03)	0.96 (0.68 - 1.34)	
	North America	0.97 (0.53 - 1.75)	0.86 (0.42 - 1.74)	2.39 (0.73 - 7.81)	0.73 (0.34 - 1.59)	
	Eastern Europe and Balkan	1.05 (0.82 - 1.35)	0.80 (0.61 - 1.05)	1.23 (0.81 - 1.87)	0.88 (0.66 - 1.16)	
	Middle East	0.91 (0.60 - 1.39)	0.73 (0.46 - 1.15)	0.54 (0.22 - 1.35)	1.52 (0.95 - 2.43)	
	South Asian Region	0.75 (0.50 - 1.13)	0.71 (0.46 - 1.10)	1.06 (0.53 - 2.11)	1.66 (1.01 - 2.73)	
	East Asian Region	0.65 (0.46 - 0.93)	1.06 (0.72 - 1.56)	1.59 (0.91 - 2.79)	0.75 (0.52 - 1.09)	
	Sub-Saharan Africa	0.81 (0.45 - 1.45)	0.96 (0.53 - 1.74)	0.64 (0.26 - 1.56)	1.11 (0.59 - 2.08)	
Latin America and the Caribbean	0.95 (0.51 - 1.76)	0.97 (0.50 - 1.85)	0.82 (0.31 - 2.15)	0.84 (0.44 - 1.62)		
Colorectal						
	Radiotherapy at local/regional stage (rectum only)	Chemotherapy at regional stage	Laparoscopic surgical method at local/regional stage	Surgery at distant stage	Radiotherapy at distant stage	Chemotherapy at distant stage
Western	1.08 (0.82 - 1.43)	0.83 (0.59 - 1.18)	1.08 (0.83 - 1.41)	0.98 (0.77 - 1.23)	1.04 (0.66 - 1.63)	0.52 (0.32 - 0.84)
Non-Western	0.90 (0.64 - 1.25)	0.98 (0.70 - 1.35)	0.96 (0.71 - 1.30)	0.89 (0.67 - 1.17)	0.82 (0.50 - 1.34)	0.93 (0.60 - 1.44)
Lung						
	Surgery at local stage	Radiotherapy at local/regional stage	Chemotherapy at local/regional stage	Surgery at regional stage	Radiotherapy at distant stage	Chemotherapy at distant stage
Western	1.18 (0.85 - 1.64)	0.92 (0.74 - 1.15)	1.03 (0.71 - 1.50)	1.15 (0.88 - 1.50)	1.20 (0.99 - 1.47)	1.53 (1.09 - 2.15)
Non-Western	1.09 (0.75 - 1.59)	0.99 (0.79 - 1.26)	0.83 (0.58 - 1.20)	1.00 (0.74 - 1.35)	0.85 (0.68 - 1.08)	1.19 (0.83 - 1.69)
Prostate						
	No treatment at local stage and age <75	Surgery at local/regional stage and age <75	Radiotherapy at local/regional stage and age <75	Robot assisted surgery at local/regional stage		
Western	0.93 (1.13 - 0.77)	0.91 (0.79 - 1.06)	1.05 (0.87 - 1.26)	1.17 (0.85 - 1.61)		
Non-Western	1.03 (1.33 - 0.79)	0.89 (0.73 - 1.08)	1.14 (0.90 - 1.43)	0.75 (0.49 - 1.16)		