

WEB DATA AVAILABLE ON THE UNIVERSITY OF OTAGO, WELLINGTON WEBSITE:  
TRENDS IN ETHNIC AND SOCIOECONOMIC INEQUALITIES IN CANCER SURVIVAL, NEW  
ZEALAND, 1991-2004

Web Table 1. Estimated changes per decade in Māori compared to non-Māori cancer survival inequalities, by cancer site and measure of inequality

Cancer site	5-year RSR in the early 1990s for non-Māori	Change per decade for Māori compared to non-Māori cancer survival inequalities measured as an:		
		Absolute and relative differences in excess mortality rates		Absolute differences in five-year relative survival (a)
		Ratio change per decade in the EMRR	Estimated absolute change per decade in the EMRD	Estimated absolute change per decade in the RSRD
Pancreas	0.04	1.66 (1.07, 2.57)	0.25	0.11
Liver	0.08	0.89 (0.54, 1.47)	-0.10	0.00
Oesophagus	0.10	0.91 (0.53, 1.56)	-.08	-0.01
Lung	0.10	1.08 (0.93, 1.25)	0.02	0.03
Brain	0.14	1.37 (0.73, 2.58)	0.11	0.10
Stomach	0.18	0.84 (0.60, 1.17)	-.07	-0.04
Ovary	0.32	1.36 (0.73, 2.53)	0.05	0.10
Leukaemia	0.37	0.99 (0.60, 1.63)	0.00	0.00
Non-Hodgkin's lymphoma	0.44	1.52 (0.83, 2.76)	0.04	0.11
Kidney	0.52	1.49 (0.79, 2.83)	0.02	0.09
Colorectum	0.56	0.80 (0.58, 1.11)	-0.04	-0.08
Head, neck and larynx	0.63	0.65 (0.35, 1.20)	-0.05	-0.14
Cervix	0.67	1.09 (0.58, 2.07)	-0.01	0.00
Bladder	0.67	1.33 (0.36, 4.94)	0.02	0.07
Prostate	0.71	1.58 (0.72, 3.45)	0.00	-0.01
Uterus	0.72	1.69 (0.72, 3.95)	0.02	0.07
Female breast	0.76	0.80 (0.56, 1.14)	-0.02	-0.07
Hodgkin's lymphoma	0.77	0.40 (0.00, 83.07)	-0.05	-0.17
Thyroid gland	0.83	0.62 (0.05, 8.25)	-0.01	-0.05
Melanoma	0.88	0.64 (0.12, 3.53)	-0.02	-0.07
Testis	0.95	2.18 (0.26, 18.25)	0.00	0.01
<b>Pooled estimate</b>		<b>1.04 (0.94, 1.14)</b>		

(a) The relative difference in 5-year relative survival (RSRRs (the ratio of two relative survival ratio) is similar in pattern to the EMRD and not reported here.

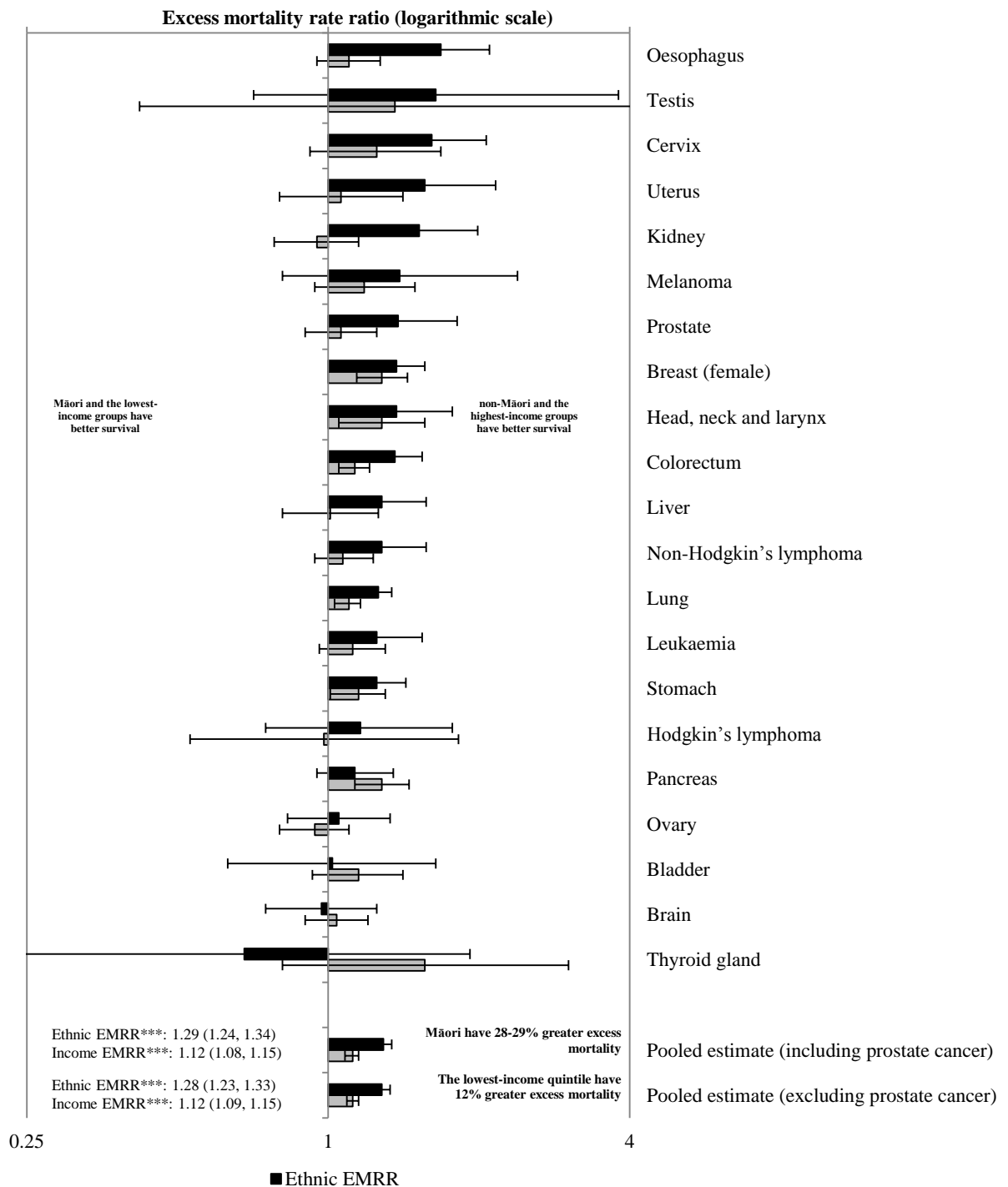
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Web Table 2. Estimated changes per decade in low- compared to high-income cancer survival inequalities, by cancer site and measure of inequality

Cancer site	5-year RSR in the early 1990s for the high income group	Change per decade for low- compared to high-income cancer survival inequalities measured as an:		
		Absolute and relative differences in excess mortality rates		Absolute differences in five-year relative survival (a)
		Ratio change per decade in the EMRR	Estimated absolute change per decade in the EMRD	Estimated absolute change per decade in the RSRD
Oesophagus	0.05	1.26 (0.88, 1.80)	0.12	0.04
Liver	0.07	0.84 (0.48, 1.47)	-0.09	-0.03
Pancreas	0.10	0.61 (0.45, 0.84)	-0.31	-0.07
Lung	0.12	1.04 (0.90, 1.20)	0.01	0.01
Brain	0.13	1.21 (0.84, 1.72)	0.07	0.05
Stomach	0.18	1.06 (0.78, 1.44)	0.01	0.02
Ovary	0.33	0.99 (0.66, 1.49)	0.00	0.00
Leukaemia	0.40	0.93 (0.64, 1.35)	-0.02	-0.04
Non-Hodgkin's lymphoma	0.43	1.28 (0.91, 1.82)	0.03	0.08
Kidney	0.47	2.16 (1.32, 3.53)	0.08	0.24
Colorectum	0.57	1.10 (0.93, 1.32)	0.01	0.02
Head, neck and larynx	0.62	0.74 (0.46, 1.20)	-0.04	-0.10
Bladder	0.68	1.56 (0.92, 2.64)	0.03	0.10
Prostate	0.70	1.59 (0.96, 2.65)	0.01	0.05
Cervix	0.71	0.99 (0.47, 2.12)	0.00	-0.01
Uterus	0.73	1.61 (0.80, 3.25)	0.02	0.09
Female breast	0.77	1.21 (0.89, 1.64)	0.00	0.01
Hodgkin's lymphoma	0.82	2.42 (0.56, 10.43)	0.02	0.10
Thyroid gland	0.83	1.60 (0.29, 8.76)	0.01	0.04
Melanoma	0.87	1.39 (0.75, 2.58)	0.01	0.03
Testis	0.94	4.00 (0.16, 98.97)	0.01	0.05
<b>Pooled estimate</b>		<b>1.09 (1.01, 1.17)</b>		

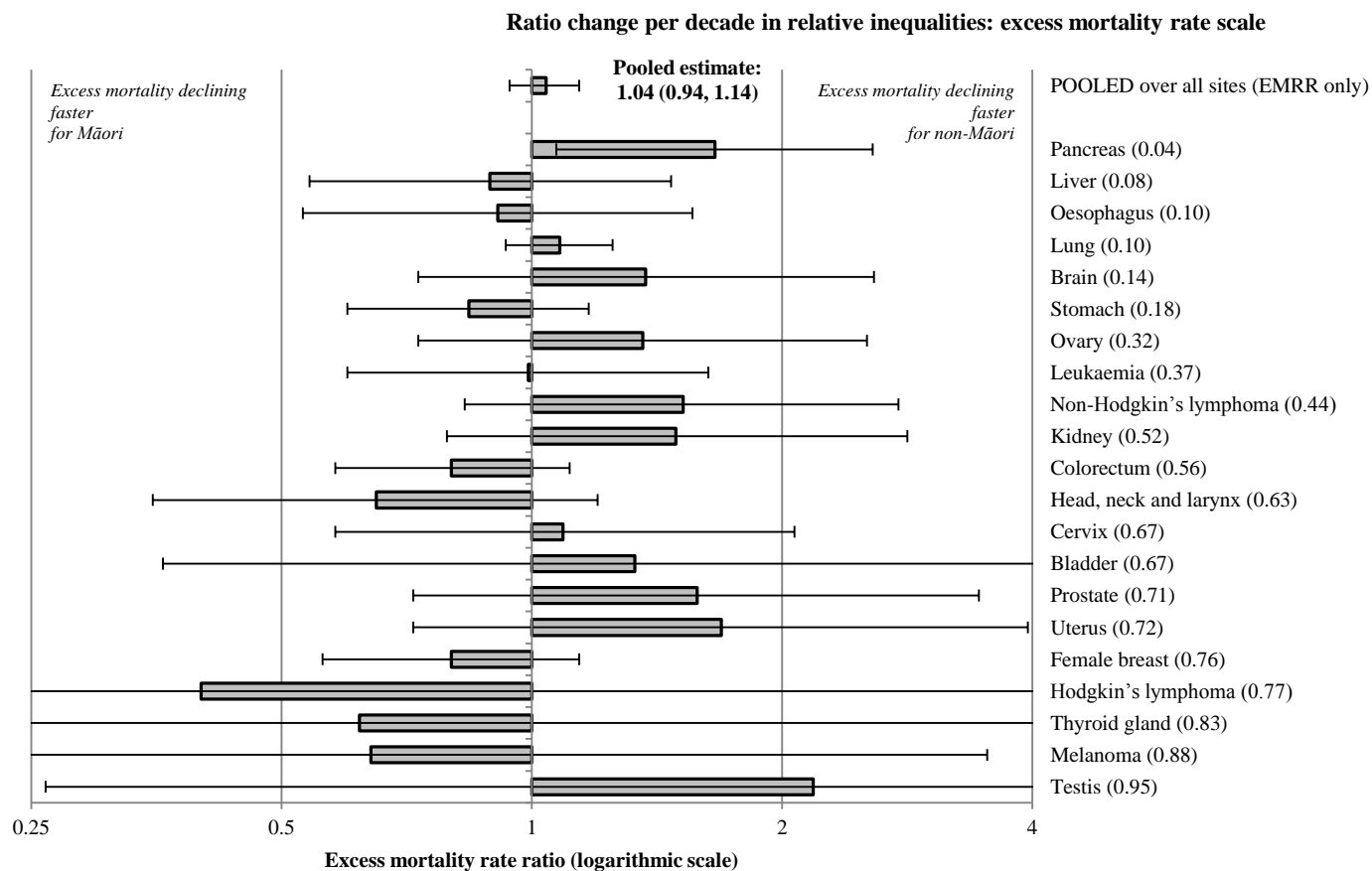
(a) The relative difference in 5-year relative survival (RSRRs (the ratio of two relative survival ratio)) is similar in pattern to the EMRD and not reported here.

Web Figure 1. Relative difference between ethnic and income groups in excess mortality rates censored at 5 years, averaged over time, 1991-2004

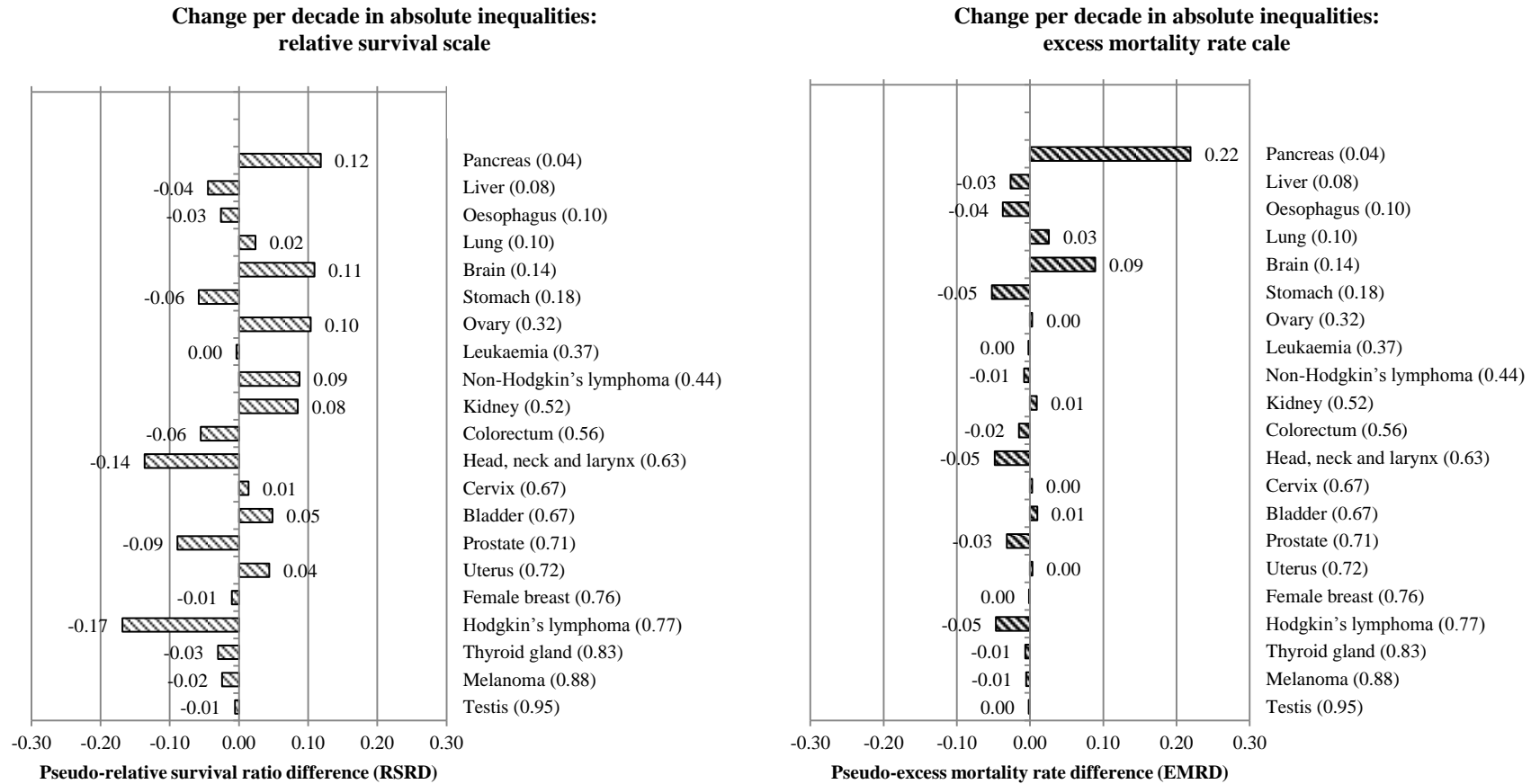


\* Māori excess mortality compared to non-Māori as the referent category. \*\* Lowest-income quintile excess mortality compared to the highest-income quintile as the referent category, with all income quintiles included in the regression model. \*\*\* Estimated using inverse variance weighting.

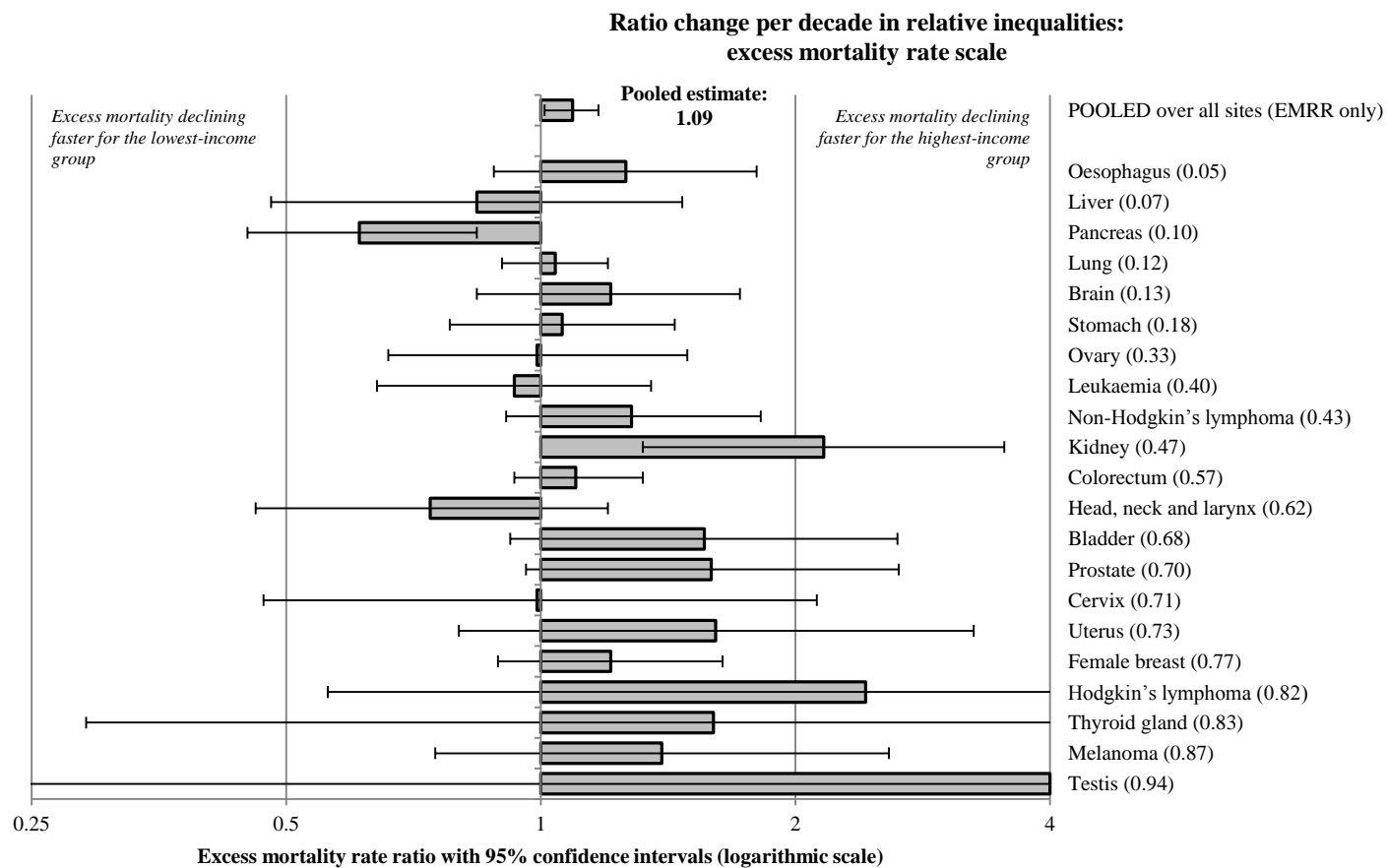
**Web Figure 2. Relative inequalities: Ratio change per decade in Māori compared to non-Māori cancer survival inequalities measured as excess mortality rate ratios (EMRRs) censored at 5-years, derived from the EMR regression modelling, ranked by cancer site according to the baseline 5-year relative survival (in parentheses, 1991-1996)**



**Web Figure 3. Absolute inequalities: Change per decade in Māori compared to non-Māori cancer survival inequalities measured as pseudo-relative survival ratio differences (RSRD) and pseudo-excess mortality rate differences (EMRDs), estimated from regression model outputs and baseline 5-year relative survival for non-Māori, ranked by cancer site according to the baseline 5-year relative survival (in parentheses, 1991-1996)**



**Web Figure 4. Relative inequalities: Ratio change per decade in the lowest- compared to highest-income group cancer survival inequalities measured as excess mortality rate ratios (EMRRs) censored at 5-years, derived from the EMR regression modelling, ranked by cancer site according to the baseline 5-year relative survival (in parentheses, 1991-1996)**



**Web Figure 5. Absolute inequalities: Change per decade in the lowest- compared to the highest-income group cancer survival inequalities measured as pseudo-relative survival ratio differences (RSRD) and pseudo-excess mortality rate differences (EMRDs), estimated from regression model outputs and baseline 5-year relative survival for the high-income group, ranked by cancer site according to the baseline 5-year relative survival (in parentheses, 1991-1996)**

