

Supplementary Online Content

Mucci LA, Hjelmborg JB, Harris JR, et al, for the Nordic Twin Study of Cancer (NorTwinCan) Collaboration. Familial risk and heritability of cancer among twins in Nordic countries. *JAMA*. doi:10.1001/jama.2015.17703

eTable. Estimates of heritability and shared environment for selected malignancies¹ in the NorTwinCan cohort and in comparison to Lichtenstein et al

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Estimates of heritability and shared environment for selected malignancies¹ in the NorTwinCan cohort and in comparison to Lichtenstein et al

	NorTwinCan 2014		Lichtenstein 2000
	Heritability (%, 95% CI)	Shared environment (%, 95% CI)	Heritability
Overall cancer	33% (30-37%)	0%	N/A
Head and neck	9% (0-60%)	26% (0-65%)	N/A
Stomach	22% (0-55%)	6% (0-31%)	28%
Colon	15% (0-45%)	16% (0-38%)	35% ²
Rectum and anus	14% (0-50%)	10% (0-38%)	35% ²
Lung	18% (0-42%)	24% (7-40%)	26%
Skin, melanoma	58% (43-73%)	0%	N/A
Skin, non-melanoma	43% (26-59%)	0%	N/A
Breast	31% (11-51%)	16% (0-31%)	27%
Corpus uteri	27% (11-43%)	0%	0%
Ovary	39% (23-55%)	0%	22%
Prostate	57% (51-63%)	0%	42%
Testis	37% (0-93%)	24% (0-70%)	N/A
Kidney	38% (21-55%)	0%	N/A
Bladder, other urinary organs	30% (0-67%)	0%	31%
Leukemia, other	57% (0-100%)	0%	N/A

¹ Familial risk estimates were not calculated for cancer sites with less than 5 concordant pairs

² Lichtenstein *et al* presented data for colon and rectum combined

N/A = data not available