

Table SI. Quality evaluation of case-control studies included in the meta-analysis using the Newcastle-Ottawa Scale.

First author, year	Selection	Comparability	Exposure	Total quality score	(Refs.)
Han, 2009 Melanoma (NHS)	++++	++	++	8	(62)
Han, 2009 SCC (NHS)	++++	++	++	8	(62)
Nan, 2011 Melanoma (WHI-OS)	++++	+	++	7	(63)
Nan, 2011 Melanoma (HPFS)	++++	+	++	7	(63)
Liang et al. 2011 SCC (HPFS)	++++	+	++	7	(75)
Liang, 2011 BCC (NHS 1)	++++	+	++	7	(75)
Liang, 2011 BCC (NHS 2)	++++	+	++	7	(75)
Bodelon, 2012 Melanoma	+++	++	++	7	(69)
Anic, 2013 Melanoma	++++	+	++	7	(66)
Anic, 2013 SCC	++++	+	++	7	(66)
Anic, 2013 BCC	++++	+	++	7	(66)
Burke, 2013 Melanoma	++++	++	++	8	(72)
Llorca-Cardeñosa, 2014 Melanoma	++++	+	++	7	(70)
Menin, 2016 FM	++++	+	++	7	
Menin, 2016 SM	++++	+	++	7	(71)
Rachakonda, 2018 Melanoma	++++	++	++	8	(67)
Srinivas, 2019 BCC	++++	++	++	8	(74)

BCC, basal cell carcinoma; SCC, squamous cell carcinoma; NHS, Nurses' Health Study; WHI-OS, Women's Health Initiative Observational Study; HPFS, Health Professionals Follow-up Study.

Table SII. Quality evaluation of case-control studies included in the systematic review but not in the meta-analysis using the Newcastle-Ottawa Scale.

First author, year	Selection	Comparability	Exposure	Total quality score	(Refs.)
Wainwright, 1995	+ + +	+	++	6	(76)
Perrem, 2007 RTR	+ +	+	++	5	(77)
Perrem, 2007	+ +	+	++	5	(77)
Perrem et al. 2008 RTR	+ +	+	++	5	(73)
Perrem, 2008	+ +	+	++	5	(73)

RTR, renal transplant recipient.

Table SIII. Quality evaluation of cohort studies included in the meta-analysis using the Newcastle-Ottawa Scale.

First author, year	Selection	Comparability	Exposure	Total Quality Score	(Refs.)
Rode, 2016 Melanoma	++++	+	+++	8	(50)
Schneider, 2022 Melanoma	+++	+	+++	7	(68)