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Sedentary behaviour in relation to ovarian cancer risk: a systematic review and meta-analysis

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Online Resource 2 Full search strategy for PubMed

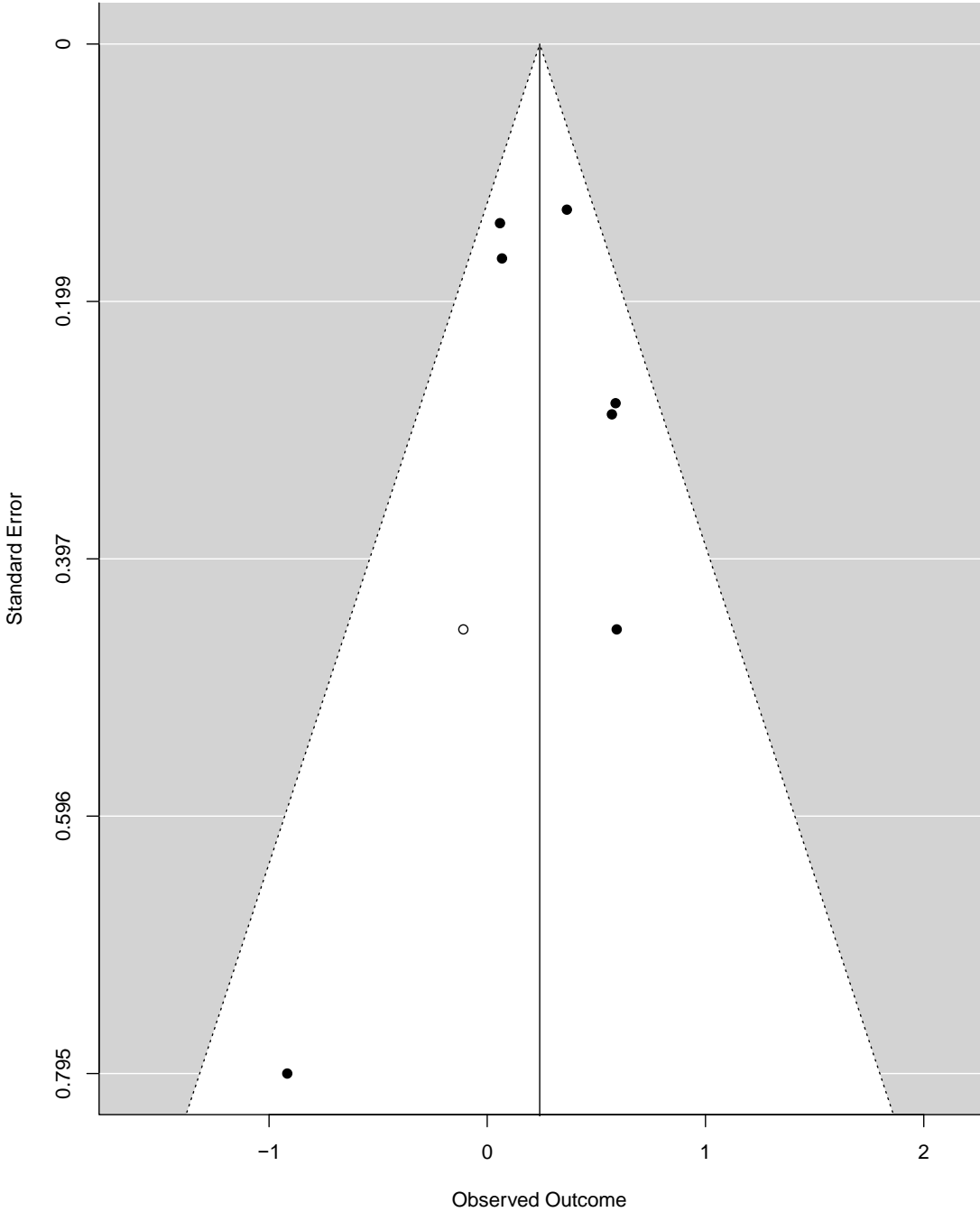
Database last searched on 25 February 2020

Set	Search Terms
Sedentary behaviour and its synonyms	(sedentary behavior OR sedentary behaviour OR sedentary lifestyle) OR (prolonged sitting time OR time spent sitting OR time-spent sitting OR sitting time OR lying time[title/abstract]) OR (leisure time OR leisure activities[MeSH] OR leisure time OR leisure time sitting OR leisure-time sitting OR leisure-time spent sitting OR leisure time spent sitting) OR (computer use[title/abstract] OR computer usage[title/abstract] OR computer time[title/abstract] OR internet use[title/abstract] OR internet usage[title/abstract] OR internet time[title/abstract]) OR (television viewing OR television watching OR television time OR tv viewing OR tv watching OR TV time[title/abstract] OR watch television OR view television OR watch tv OR view tv OR screen watching[title/abstract] OR screen use[title/abstract] OR screen time OR screen entertainment OR screen behaviour OR screen behavior OR screen-based entertainment OR screen-based behaviour OR screen-based behavior) OR (computer game time[title/abstract] OR computer gaming time[title/abstract] OR video game time[title/abstract] OR video gaming time[title/abstract] OR computer game[title/abstract] OR computer gaming[title/abstract] OR video game[title/abstract] OR video gaming[title/abstract]) OR (Automobile driving[MeSH] OR transport time) OR (Reading[MeSH] OR reading time) OR Rest[MeSH]
Ovarian Cancer	AND (Ovarian Neoplasms[Mesh] OR site-specific[title/abstract] OR site specific[title/abstract] OR site-specific cancer incidence[title/abstract] OR site specific cancer incidence[title/abstract])
Limit: Exclude irrelevant publication type	NOT (editorial[ptyp] OR comment[ptyp] OR letter[ptyp] OR guideline[ptyp] OR news[ptyp])
Include Human studies only	AND Humans[MeSH]
Include ovarian cancer incidence as outcome	AND (risk[title/abstract] OR incidence[title/abstract] OR cancer incidence[title/abstract])

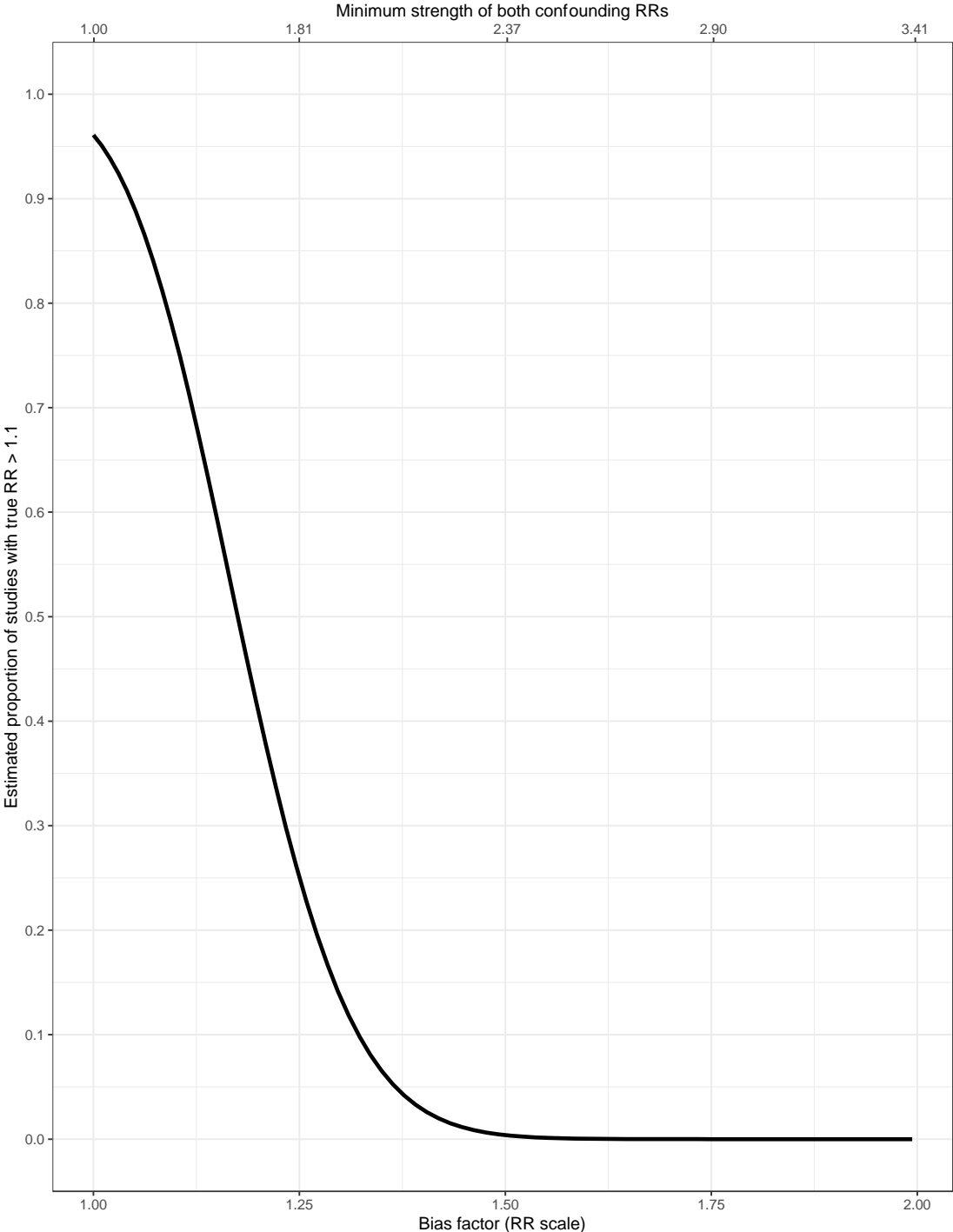
Online Resource 3 List of 16 full-text articles assessed for eligibility that were excluded from the analysis with reasons of exclusion

First author, year	Study design	Exclusion criteria
Lee, 2019 [1]	Meta-analysis	Incompatible study design: meta-analysis
Minlikeeva et al., 2019 [2]	Meta-analysis	Incompatible exposure: physical inactivity Incompatible outcome: ovarian cancer survival Incompatible study design: meta-analysis
Lynch et al., 2018 [3]	Meta-analysis	Incompatible study design: meta-analysis
Rangul et al., 2018 [4]	Prospective cohort study	No data on ovarian cancer incidence
Abbott et al., 2016 [5]	Case-control study	Incompatible exposure: physical activity
Cannioto et al., 2016 [6]	Meta-analysis	Incompatible exposure: physical inactivity Incompatible study design: meta-analysis
Cannioto et al., 2016 [7]	Meta-analysis	Incompatible exposure: physical inactivity Incompatible outcome: ovarian cancer mortality Incompatible study design: meta-analysis
Biswas et al., 2015 [8]	Meta-analysis	No data on ovarian cancer incidence Incompatible study design: meta-analysis
Patel et al., 2015 [9]	Prospective cohort study	Updated by a more recent publication
Park et al., 2014 [10]	Prospective cohort study	Incompatible exposure: physical inactivity No data on ovarian cancer incidence
Schmid, Leitzmann, 2014 [11]	Meta-analysis	Incompatible study design: meta-analysis
Shen et al., 2014 [12]	Meta-analysis	Incompatible study design: meta-analysis
Friedenreich et al., 2010 [13]	Systematic review	Incompatible study design: systematic review
Lynch et al., 2010 [14]	Systematic review	Incompatible study design: systematic review
Permeth-Wey et al., 2009 [15]	Systematic review	Incompatible study design: systematic review
Patel et al., 2006 [16]	Prospective cohort study	Updated by a more recent publication

Online Resource 4 Funnel plot for overall sedentary behaviour and risk of ovarian cancer; all analysed studies included, trim-and-fill method applied



Online Resource 5 Impact of varying degrees of unmeasured confounding bias on the proportion of studies with true risk ratio > 1.1. RR, risk ratio



Online Resource References

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