S4 Table. Confounders (The season or the month of birth studies).

First author, y (ref)	Confounders Considered	Matched	Most relevant confounders (place of birth[1]; year of birth[2])
Northern hemisphere			
Gardener et al. 2009 [38]	Age in months Calendar year Latitude at birth Paternal occupation Sibship size Pack-years of smoking in adulthood Quantile of energy-adjusted vitamin D intake	n.a	1,2
Streym et al. 2013 [42]	Year of birth	n.a	2
Barros et al. 2013 [32]	n.a	Same birth time Geographical area	1,2
Torkildsen et al. 2014 [33]	Year of birth Place of birth	n.a	1,2
Akhtar et al. 2014 [34]	Gender Nationality	Time interval	2
Akhtar et al. 2015 [35]	n.a	Time interval	2
Tolou-Ghamari et al. 2015 [40]	n.a	n.a	n.a
Poorolajal et al. 2015 [41]	n.a	Same time interval Same hospital	n.a
Sidhom et al. 2015 [36]	n.a	Year of birth	2
Rodriguez Cruz et al. 2016 [45]	n.a	Time and Region	1,2
Balbuena et al. 2016 [43]	n.a	n.a	n.a
Villar-Quiles et al. 2016 [37]	Year of birth Gender	n.a	2
Southern hemisphere			
Becker et al. 2013 [31]	Ethnicity Latitude	n.a	1
Fragoso et al. 2013 [39]	n.a	Same latitude Similar age Ethinicity Socioeconomic level	1,2
Southern and northern hemisphere			
Verheul et al. 2013 [44]	n.a	n.a	n.a