

Supplementary Table 1. Epidemiology of studies reported retinal vascular calibre

Author; publication year reference number	Study name; country	Examination year	Sample size	Mean age (years)	Arteriolar calibre (mean(SD), μm)	Venular calibre (mean(SD), μm)
Children						
Gishti; 2015 ³⁷	Gen R; Netherlands	2008-2010	4007	6	159.0 (14.9)	219.0 (20.2)
Mitchell; 2008 ³⁵	Syd Myopia; AU	2003-2004	1369	6.3	159.6 (ns)	222.3 (ns)
Cheung; 2012 ³²	SCORM; Singapore	2006	1225	11.9	149.3 (12.3)	224.6 (17.8)
	CheckPoint_C; AU	2015-2016	1288	11.9	159.5 (11.8)	231.1 (16.5)
Gopinath; 2010 ³⁴	Syd Childhood Eye; AU	2004-2005	2272	12.7	151.4 (12.1)	151.4 (12.1)
Zheng; 2013 ¹⁸	GZ twin; China	2009	2070	12.7	150.1 (13.4)	218.4 (19.1)
Adults						
	CheckPoint_P; AU	2015-2016	1264	43.7	151.5 (14.0)	220.6 (19.0)
Kawasaki-1; 2006 ³⁸	Funagata; Japan	2000-2002	1481	58.6	178.6 (21.0)	214.9 (20.6)
Liew; 2008 ³⁹	ARIC; USA	1993-1995	8794	60	162.3 (ns)	193.1 (ns)
Wong; 2006 ⁴⁰	MESA; USA	2002-2004	5979	61.9	144.1 (14.4)	214.0 (22.2)
Klein; 2006 ⁴¹	BDES; USA	1988-1990	4926	62	169 (ns)	242 (ns)
Von; 2014 ³³	Tromso; Norway	2007-2008	6353	63.1	139.7 (14.6)	211.1 (21.1)
Kawasaki-2; 2013 ⁴²	BMES; Australia	2003	2335	64.1	160.6 (14.9)	240.3 (22.4)
Ikram; 2004 ⁴³	Rotterdam; Netherlands	1990-1993	5674	68	146.9 (14.4)	222.0 (20.9)
Kim; 2010 ⁴⁴	CHS; USA	1997-1998	1744	78.1	166 (19)	191 (18)

Abbreviations: SD, standard deviation; AU, Australia; USA, United State of America; Gen R, Generation R Study; Syd Myopia, The Sydney Myopia Study; SCORM, Singapore Cohort Study of the Risk Factors for Myopia; CheckPoint_C, Child Health CheckPoint data of children; Syd Childhood Eye; The Sydney Childhood Eye Study; GZ twin; The Guangzhou twin eye study; CheckPoint_P, Child Health CheckPoint data of parents; ARIC; Atherosclerosis Risk In Communities; MESA; Multi-Ethnic Study of Atherosclerosis; BDES; Beaver Dam Eye Study; Tromso, The Tromsø Eye Study; BMES; Blue Mountains Eye Study; Rotterdam; The Rotterdam Study; CHS; Cardiovascular Health Study; ns, not stated.