

Table 4 Comparison of leading causes of low vision and blindness reported in studies in selected countries

Region and date	No.	Age (years)	Criteria for LV&B	Leading causes of LV&B
Izmir/Turkey 2016 (this study)	44	18–50	WHO (LV&B)	Retinal dystrophies, malformations, MRD
	133	50+	WHO (LV&B)	AMD, DRP, corneal opacities
Erzurum, Turkey 2016 (8)	71	65+	WHO (LV&B)	Cataract, glaucoma, AMD
Beijing, China 2006 (12)	62	40+	WHO (LV&B)	Cataract, MRD, glaucoma
Iran 2015 (15)	156	All ages	WHO (LV&B)	Uncorrected refractive error, cataract, AMD
Brazil 2009 (16)	42	All ages	WHO (LV&B)	Uncorrected refractive error, Cataract, retinal diseases
Pakistan 2014 (13)	2 927	30+	WHO (LV&B)	Cataract, uncorrected refractive error and aphakia
India 2014 (14)	1 609	50+	WHO (LV&B)	Uncorrected refractive error, cataract, retinal disease
USA (white) 2004 (20)	937 000*	40+	USA (B)	AMD, cataract, glaucoma
USA (Hispanic) 2004 (20)	937 000*	40+	USA (B)	Glaucoma, AMD, DRP
USA (black) 2004 (20)	937 000*	40+	USA (B)	Cataract, glaucoma, DRP
Germany 2015 (10)	949	20–60	WHO (B)	Malformations and ROP, retinal dystrophy, glaucoma
	1 465	61–80	WHO (B)	AMD, DRP, malformations and ROP
Copenhagen, Denmark 2004 (9)	209	20–64	USA (LV&B)	MRD, other retinal diseases, DRP
	320	65–84	USA (LV&B)	Cataract, AMD, DRP
Australia 2011 (17)	273	All ages	USA (B)	AMD, glaucoma, retinal dystrophies
England and Wales 2013 (11)	10 781	All ages	WHO (B)	AMD, glaucoma, retinal dystrophies
Poland 2015 (23)	20	35+	USA (LV&B)	AMD, cataract, glaucoma
Japan 2006(18)	25	40+	USA (LV&B)	Cataract, MRD, glaucoma
Oman 2014 (19)	134	All ages	WHO (B)	Cataract, trichomatous corneal opacities, glaucoma

WHO = World Health Organization; LV&B = low vision and blindness; MRD = myopic retinal disease; AMD = age related macular degenerations; DRP = diabetic retinopathy; USA = United States of America; ROP = retinopathy of prematurity.

*Estimated number.