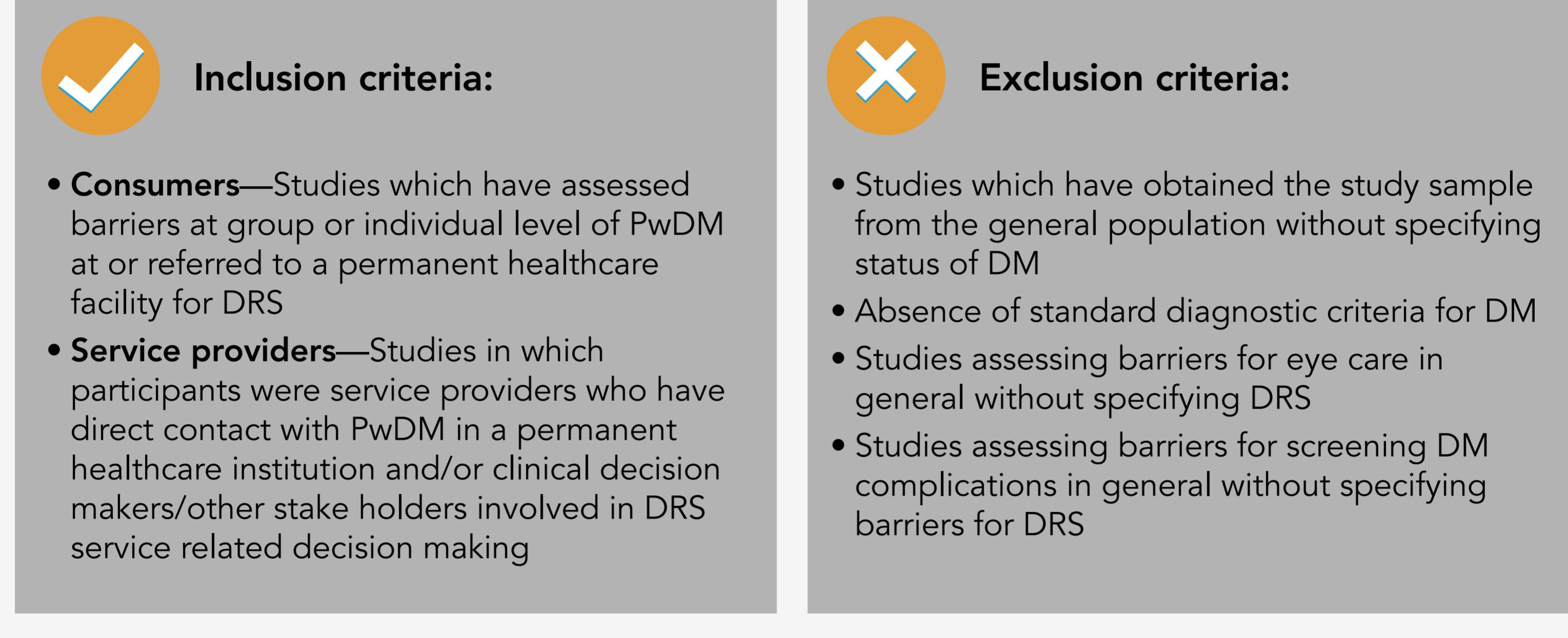
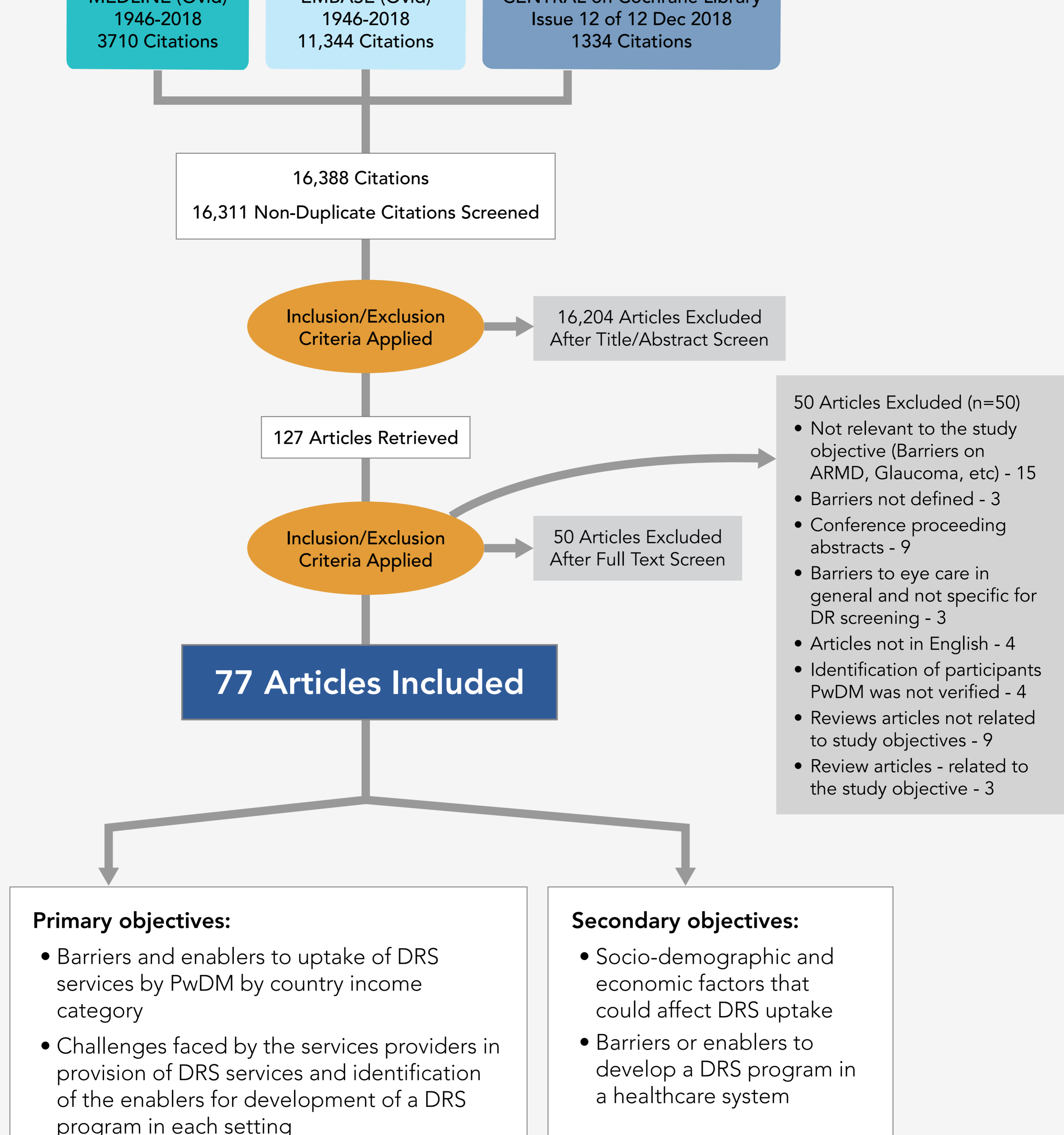


Systematic review on barriers and enablers for access to diabetic retinopathy screening services in different income settings

Piyasena MMPN, Murthy GVS, Yip JLY, et al. Systematic review on barriers and enablers for access to diabetic retinopathy screening services in different income settings. *PLoS ONE*. 2019;14:e0198979. doi:10.1371/journal.pone.0198979

Knowing the barriers and enablers in advance in contrasting different country income settings may accelerate development of a successful diabetic retinopathy screening (DRS) program. This would be especially applicable in the low-income settings with the rising prevalence of DR. The aim of this systematic review is to identify and contrast the barriers/enablers to DRS for different contexts using both consumers ie, people with diabetes (PwDM) and provider perspectives and system level factors in different country income settings.

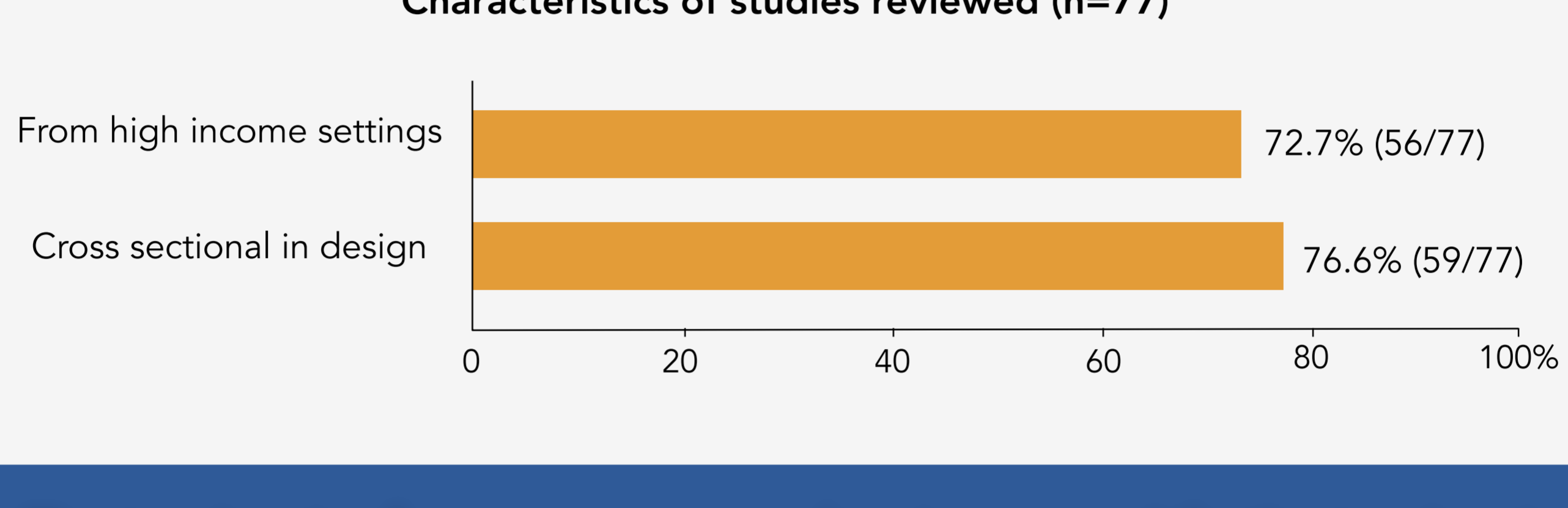
The overall aim was to explore barriers and enablers to access DRS in various country income settings.



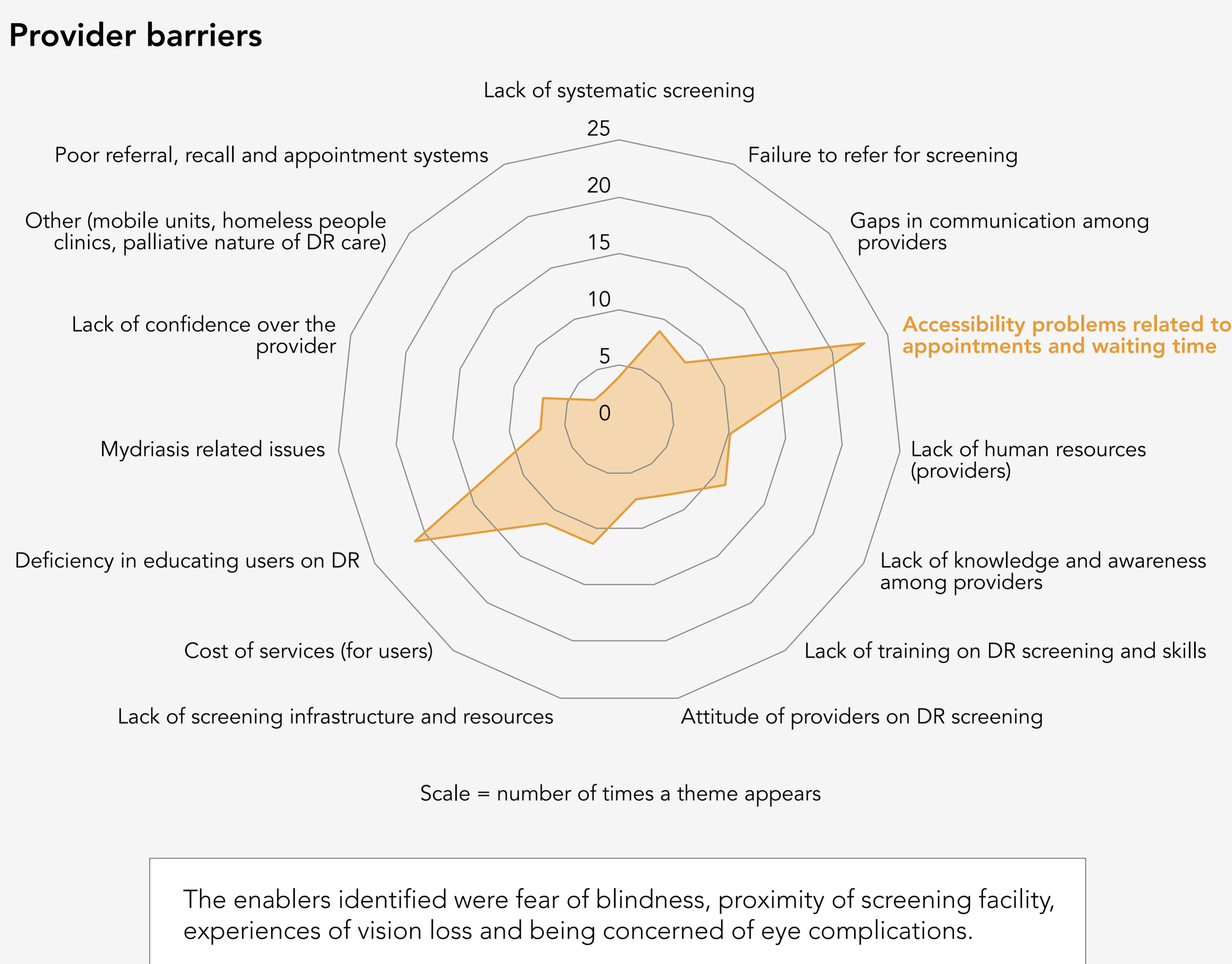
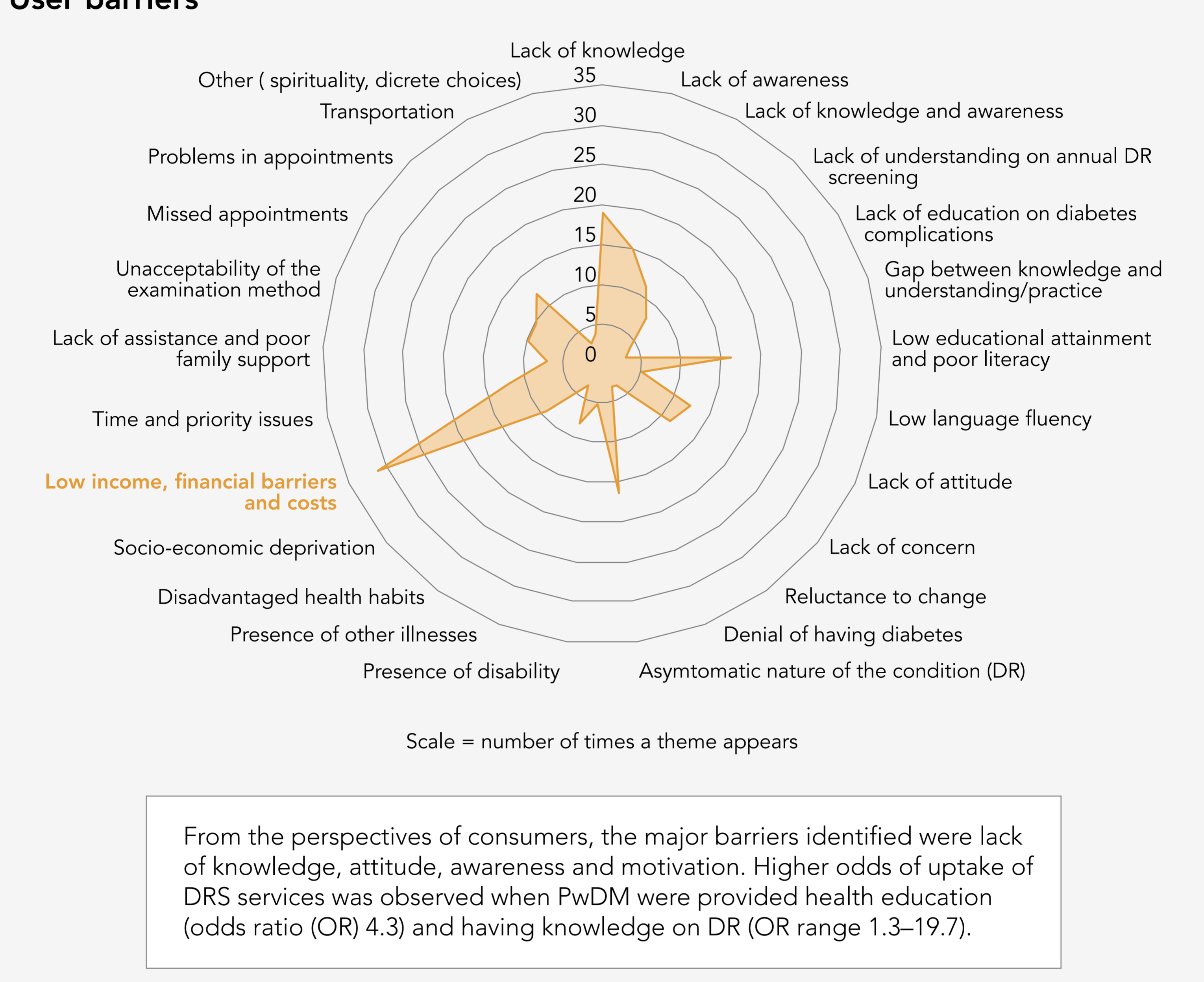
Studies were not restricted for inclusion by study design. Studies were included that used qualitative, quantitative and mixed methods.

ARMD, age-related macular degeneration; DR, diabetic retinopathy; DRS, DR screening; PwDM, people with diabetes.

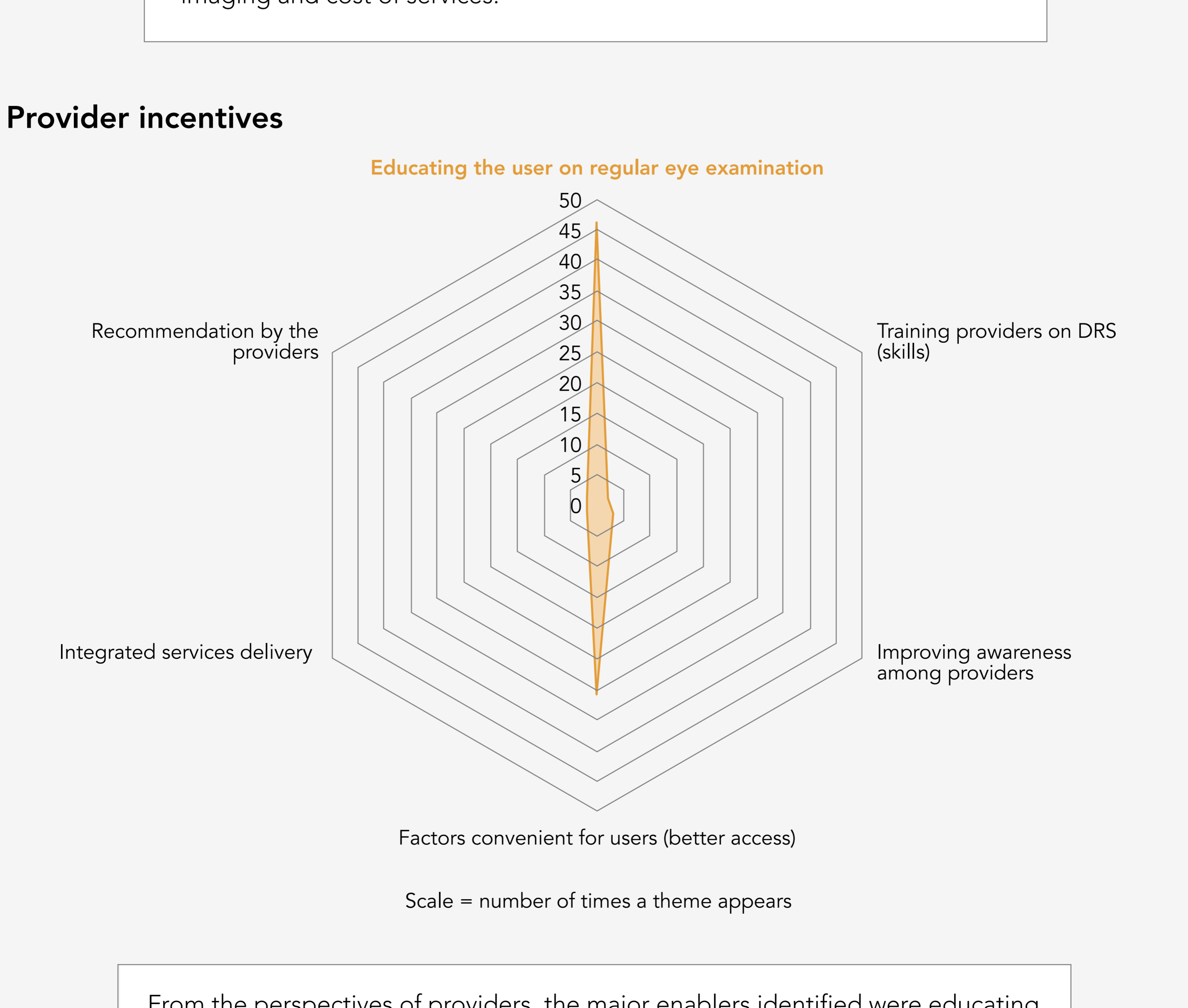
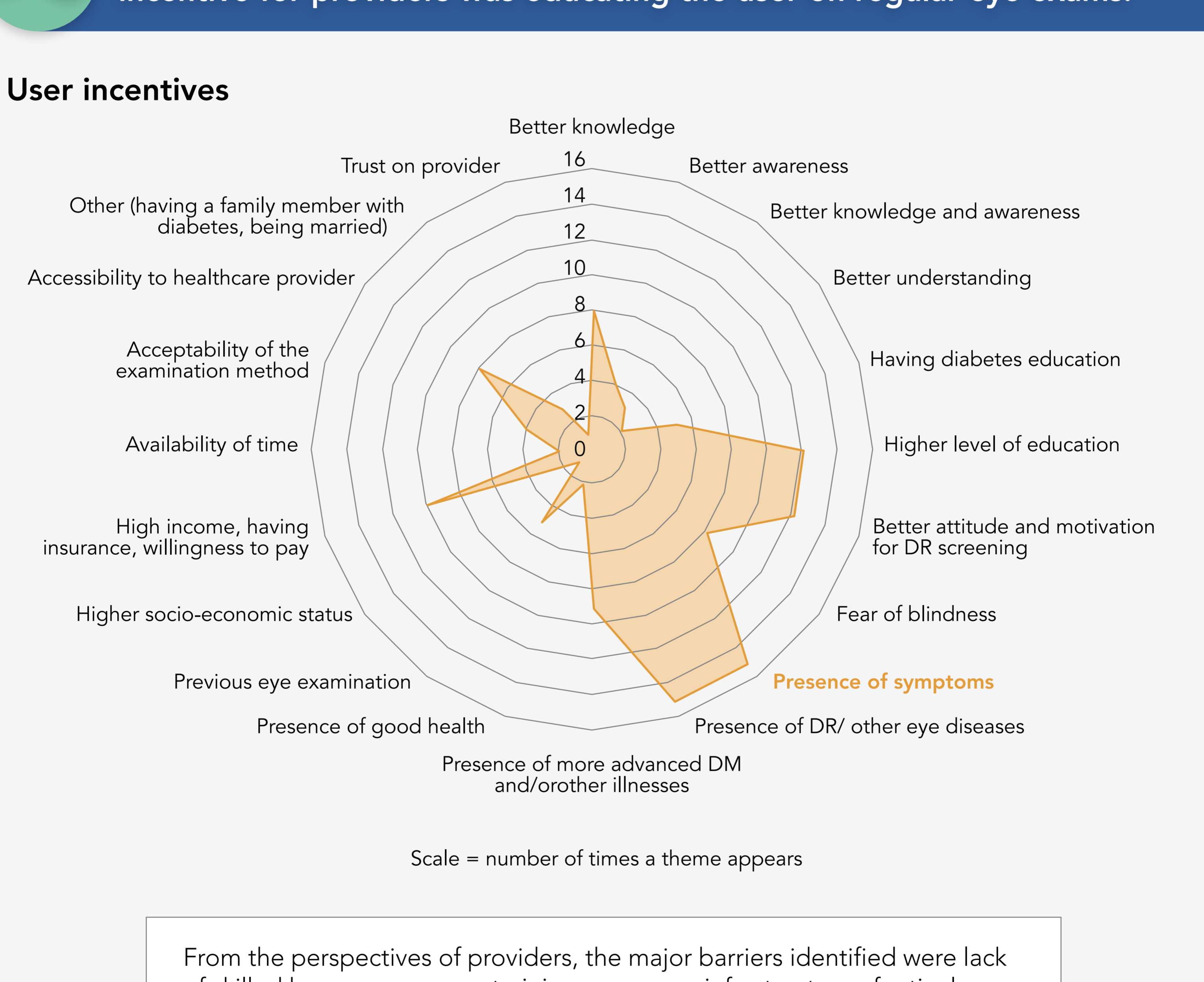
Most studies were from high income settings and cross sectional in design.



The top barrier for consumers was low income, while the top barrier for providers was accessibility of appointments and wait times.



The top incentive for users was the presence of symptoms, while the top incentive for providers was educating the user on regular eye exams.



Conclusions

Knowing the barriers to access DRS is an important first step to develop a successful screening program. The awareness, knowledge and attitude of the consumers, availability of skilled human resources and infrastructure emerged as the major barriers to access to DRS in any income setting.