

Table S1: VSQOL survey instrument: NEI-VFQ-25 items, CTT subscales, and IRT domains

Code	Label	Summary	CTT Subscale	IRT Domain
<u>Task Domain Items</u>				
frf_1	Accomplish less	Accomplish less than you liked?	Vision-Related Role Function	Task
frf_2	Limited in endurance	Limited in how long could work?	Vision-Related Role Function	Task
fpv_1	Seeing objects off to side	Difficulty noticing objects while walking	Peripheral Vision	Task
fnv_1	Reading normal newspapers	Difficulty read ordinary print	Near Vision	Task
fnv_2	Seeing well up close	Difficulty work needs see well up close	Near Vision	Task
fnv_3	Finding objects on crowded shelf	Difficulty find things on a crowded shelf	Near Vision	Task
fdv_1	Reading street signs	Difficulty read street signs/store names	Distance Vision	Task
fdv_2	Going down stairs at night	Difficulty go down steps in dim light	Distance Vision	Task
fdv_3	Going out to movies/plays	Difficulty going out to see movies, plays	Distance Vision	Task
fcv_1	Difficulty matching clothes	Difficulty picking out/matching own clothes	Color Vision	Task
fdr_1	Daylight driving	Difficulty driving at daytime in familiar places	Driving Difficulties	Task
fdr_2	Nighttime driving	Difficulty driving at night	Driving Difficulties	Task
fdr_3*	Difficult conditions driving	Difficulty driving in difficult conditions (bad weather, rush hour, freeway, city traffic)	NA	NA
<u>Well-Being Domain Items</u>				
fmh_1	Worry	How much do you worry eyesight?	Vision-Related Mental Health	Well-Being
fmh_2	Frustrated	Feel frustrated a lot due eyesight	Vision-Related Mental Health	Well-Being
fmh_3	No control	Have much less control due eyesight	Vision-Related Mental Health	Well-Being
fmh_4	Embarrassment	Worry about doing things embarrass myself	Vision-Related Mental Health	Well-Being
fgv_1	General vision	At present time, your eyesight is	General Vision	Well-Being
fdp_1	Stay home most of time	Stay home most of time due eyesight	Vision-Related Dependency	Well-Being
fdp_2	Rely too much on others' word	Rely too much on what others tell me	Vision-Related Dependency	Well-Being
fdp_3	Need much help from others	Need a lot of help from others	Vision-Related Dependency	Well-Being
fsf_1	Seeing how people react	Difficulty see how people react to things	Vision-Related Social Function	Well-Being
fsf_2	Visiting others	Difficulty visiting people in their home/party	Vision-Related Social Function	Well-Being
fop_1	Amount pain	How much of pain/discomfort in eyes?	Ocular Pain	Well-Being
fop_2	Amount time pain	Pain in eyes keep you from doing you like?	Ocular Pain	Well-Being
<u>General Health Item</u>				
fgh_1	General health	In general, would you say your health is? 1 Excellent, 2 Very good, 3 Good, 4 Fair, 5 Poor	General Health	NA
<u>Driving Filter Items</u>				
curdr	Currently driving	Are you currently driving, at least once in a while?	NA	NA
pastdr	Ever driven	If No, have you never driven a car or have you given up driving?	NA	NA
r_gvup	Reason quit driving	If gave up driving, was that mainly because of your eyesight?	NA	NA

VSQOL = Vision-Specific Quality of Life; NEI-VFQ-25 = National Eye Institute Visual Function Questionnaire 25-Item; IRT = Item Response Theory; CTT = Classical Test Theory

*The item for difficult driving conditions was not asked in LALES, and is not included in scoring