

**Supplemental Table S1: Multivariable-Adjusted Prevalence Rate Ratios of Functional Limitations by Sensory Impairment and Dementia Status Excluding those with Proxy Respondents, the National Health and Aging Trends Study 2015 (N=6,756)**

	Mobility Activities		Self-Care Activities		Household Activities	
	PRR (95% CI)	p-value	PRR (95% CI)	p-value	PRR (95% CI)	p-value
<b>Sensory Impairment</b>						
No sensory impairment	1 [Reference]	NA	1 [Reference]	NA	1 [Reference]	NA
Single sensory impairment	1.19 (1.09, 1.30)	<.001	1.15 (1.06, 1.24)	.002	1.20 (1.11, 1.30)	<.001
Dual sensory impairment	1.50 (1.31, 1.72)	<.001	1.49 (1.28, 1.73)	<.001	1.69 (1.50, 1.89)	<.001
<b>Dementia</b>						
No dementia	1 [Reference]	NA	1 [Reference]	NA	1 [Reference]	NA
Dementia	1.49 (1.39, 1.61)	<.001	1.46 (1.36, 1.58)	<.001	1.81 (1.65, 1.99)	<.001

Abbreviations: CI, confidence interval; PRR, prevalence rate ratio; NA, not applicable.

Models adjusted for age (65-69, 70-74, 75-79, 80-84, 85-89, ≥90 years), sex (male, female), race/ethnicity (non-Hispanic white, non-Hispanic black, non-Hispanic other, Hispanic), education (<high school diploma, high school diploma, some college, ≥college degree), income (<\$17,000, \$17,000-31,000, \$31,000-60,000, ≥\$60,000), history of cataract surgery (yes, no), clinically-significant depressive symptoms (yes, no), body mass index, and number of comorbidities.

**Supplemental Table S2: Multivariable-Adjusted Prevalence Rate Ratios of Functional Limitations by Sensory Impairment and Dementia Status Excluding those with Proxy Respondents, the National Health and Aging Trends Study 2015 (N=6,756)**

	Mobility Activities		Self-Care Activities		Household Activities	
	PRR (95% CI)	p-value	PRR (95% CI)	p-value	PRR (95% CI)	p-value
No sensory impairment/ No dementia	1 [Reference]	NA	1 [Reference]	NA	1 [Reference]	NA
Single sensory impairment/ No dementia	1.18 (1.08, 1.30)	.001	1.15 (1.06, 1.24)	.002	1.20 (1.09, 1.32)	<.001
Dual sensory impairment/ No dementia	1.75 (1.39, 2.19)	<.001	1.56 (1.27, 1.90)	<.001	1.84 (1.51, 2.25)	<.001
No sensory impairment/ dementia	1.56 (1.39, 1.74)	<.001	1.48 (1.34, 1.64)	<.001	1.85 (1.63, 2.10)	<.001
Single sensory impairment/ Dementia	1.83 (1.60, 2.10)	<.001	1.69 (1.48, 1.93)	<.001	2.21 (1.90, 2.57)	<.001
Dual sensory impairment/ Dementia	1.91 (1.58, 2.31)	<.001	2.08 (1.63, 2.65)	<.001	2.82 (2.47, 3.23)	<.001

Abbreviations: CI, confidence interval; PRR, prevalence rate ratio; NA, not applicable.

Models adjusted for age (65-69, 70-74, 75-79, 80-84, 85-89, ≥90 years), sex (male, female), race/ethnicity (non-Hispanic white, non-Hispanic black, non-Hispanic other, Hispanic), education (<high school diploma, high school diploma, some college, ≥college degree), income (<\$17,000, \$17,000-31,000, \$31,000-60,000, ≥\$60,000), history of cataract surgery (yes, no), clinically-significant depressive symptoms (yes, no), body mass index, and number of comorbidities.