

## Supplemental Table –

*Odds Ratios for Associations Between Incident Cognitive Impairment Sensitivity Analyses and Difficulty/Assistance Performing IADL †*

	SIS ≤ 4 (last two assessments)	SIS ≤ 3
Cognitive impairment	2.14 (1.65-2.78) <sup>c</sup>	1.91 (1.53-2.39) <sup>c</sup>
Assessment interval (days)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
Age (years at baseline)	1.05 (1.05-1.06) <sup>c</sup>	1.05 (1.05-1.06) <sup>c</sup>
African American	1.03 (0.94-1.12)	1.05 (0.96-1.15)
Female	1.25 (1.15-1.37) <sup>c</sup>	1.26 (1.15-1.37) <sup>c</sup>
Education	-	-
Less than high school vs college graduate	1.08 (0.91-1.28)	1.07 (0.91-1.25)
High school graduate vs college graduate	0.94 (0.84-1.05)	0.97 (0.88-1.08)
Some college vs college graduate	1.00 (0.90-1.10)	1.00 (0.91-1.11)
Income	-	-
\$20,000-34,000 vs < \$20,000	0.78 (0.68-0.90) <sup>c</sup>	0.78 (0.69-0.90) <sup>c</sup>
\$35,000-\$75,000 vs < \$20,000	0.65 (0.56-0.75) <sup>c</sup>	0.66 (0.58-0.76) <sup>c</sup>
\$75,000 or more vs < \$20,000	0.54 (0.45-0.63) <sup>c</sup>	0.56 (0.48-0.66) <sup>c</sup>
Residing in stroke belt	0.94 (0.87-1.02)	0.96 (0.89-1.04)
Physical Activity (any vs none)	0.74 (0.67-0.81) <sup>c</sup>	0.74 (0.68-0.81) <sup>c</sup>
Diabetes (yes or no)	1.50 (1.34-1.67) <sup>c</sup>	1.48 (1.33-1.64) <sup>c</sup>
Hypertension (yes or no)	1.32 (1.21-1.44) <sup>c</sup>	1.30 (1.20-1.42) <sup>c</sup>
Coronary artery disease (yes or no)	1.33 (1.18-1.50) <sup>c</sup>	1.35 (1.20-1.52) <sup>c</sup>
Self-reported baseline stroke (yes or no)	1.56 (1.26-1.92) <sup>c</sup>	1.57 (1.29-1.92) <sup>c</sup>
Incident adjudicated stroke (yes or no)	1.89 (1.52-2.35) <sup>c</sup>	1.81 (1.46-2.23) <sup>c</sup>
Depressive symptom severity (Year 10)	1.18 (1.17-1.19) <sup>c</sup>	1.18 (1.17-1.19) <sup>c</sup>
	N = 13,572	N = 14,268

† Estimates are odds ratios (95% confidence intervals)

<sup>a</sup> p < .05; <sup>b</sup> p < .01; <sup>c</sup> p < .001