

Supplementary Online Content

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eTable. Unadjusted likelihood of mild cognitive impairment (MCI) or dementia among older women according to sleep disordered breathing, hypoxia, sleep fragmentation, or sleep duration measures

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Unadjusted likelihood of mild cognitive impairment (MCI) or dementia among older women according to sleep disordered breathing, hypoxia, sleep fragmentation, or sleep duration measures

	MCI	Dementia
	OR (95% CI)	OR (95% CI)
<u>Sleep Disordered Breathing</u>		
Apnea-hypopnea index		
<15 events/hr	1.00	1.00
≥15 events/hr	1.88 (1.04, 3.40)	1.70 (0.88, 3.27)
<u>Hypoxia/Disordered Breathing Measures</u>		
Oxygen Desaturation Index		
<15 events/hr	1.00	1.00
≥15 events/hr	1.67 (0.93, 3.00)	1.66 (0.87, 3.18)
Sleep time with SaO ₂ < 90%		
< 1% sleep time	1.00	1.00
≥1% sleep time	0.93 (0.52, 1.67)	0.81 (0.42, 1.55)
Sleep time in apnea/hypopnea (%), tertile ^a		
Low (0.9, 0.0-2.2)	1.00	1.00
Mid (4.4, 2.3-7.0)	1.06 (0.51, 2.18)	0.92 (0.39, 2.17)
High (16.4, 7.0-66.8)	1.58 (0.78, 3.22)	2.09 (0.97, 4.53)
<u>Sleep Fragmentation Measures</u>		
Arousal Index (arousals/hour), tertile		
Low (10.1, 2.4-14.5)	1.00	1.00
Mid (18.2, 14.6-22.6)	0.51 (0.25, 1.04)	0.57 (0.26, 1.26)
High (33.1, 22.6-66.4)	0.51 (0.25, 1.05)	0.74 (0.35, 1.59)
Wake after sleep onset (minutes), tertile		
Low (40.7, 2.0-61.0)	1.00	1.00
Mid (82.0, 62.0-105.0)	0.92 (0.44, 1.93)	1.29 (0.56, 2.96)
High (170.6, 108.0-336.0)	1.51 (0.75, 3.03)	1.99 (0.90, 4.41)
<u>Sleep Duration Measure</u>		
Total sleep time (minutes), tertile		
Low (269.9, 128.0-330.0)	1.00	1.00
Mid (358.2, 331.0-385.0)	0.51 (0.25, 1.04)	0.64 (0.29, 1.45)
High (425.5, 386.0-630.0)	0.70 (0.35, 1.40)	1.03 (0.48, 2.22)
Abbreviations: OR = Odds ratio; CI = Confidence Interval ^a (median, range)		