Supplemental Table 5. The prevalence of sleep disorders in the multiple sclerosis population as compared to controls

Study (year)	MS, n	Controls, n (matched)	Source of controls	Sleep Disorders in MS	Sleep Disorders in controls	Comparison
Prevalence						
Auger[60] (2005)	200	100 (no)	100 RA patients 100 non-MS, non-RA spouses or friends	RLS 75/200 = 37.5%	RA 31/100= 31.0% Healthy controls 16/100= 16.0%	RA p>0.05 Healthy controls: p<0.0001
Deriu[44] (2009)	202	212 (yes: sex, age)	100 healthy controls	RLS 29/202 = 14.4%	RLS 6/212 = 2.83%	p = 0.00002
Ferini-Strambi[46] (1994)	25	25 (yes: sex, age)	Healthy controls	PLM 9/25 = 36%	PLM 2/25 = 8%	P = 0.02
Fragoso[47] (2011)	80	180 (no)	Healthy controls from the General Population	RLS 46/80 = 57.5% Mild RLS 7/80 = 8.75% Moderate 23/80 = 28.8% Severe 9/80 = 11.3%	RLS 33/180 = 18.3% Mild RLS 15/180 = 8.75% Moderate 15/180 = 28.8% Severe 2/180 = 11.3%	OR RLS 6.02 (3.36-10.78) Moderate-Severe RLS 5.39 (2.76-10.48)
Gomez-Choco[48] (2007)	135	118 (yes: sex, age)	Unrelated healthy controls from General Population	RLS 18/135 = 13.3%	RLS 11/118 = 9.32%	RLS p>0.05

				RBD 3/135 = 2.22%	RBD 0/118 = 0%	
Kaminska[49] (2012)	62	32 (yes: sex, age)	Individuals without neurological disorders recruited from dermatology and preoperative clinics (patients and companions), local volunteers (friends of research team members), and from posted library advertisements	OSA (AHI ≥15) 36/62 = 58.1% RLS 17/62 = 27.4% RBD 2/62 = 3.2% Narcolepsy 1/62 = 1.6%	OSA (AHI ≥15) 15/32 = 46.9% RLS 2/32 = 6.25% RBD 0/32 = 0% Narcolepsy 0/32 = 0%	OR OSA 1.57 (0.67–3.74) RLS 5.80 (1.51–38.2)
Li[50] (2012)	264	65,280 (no)	Nurses' Health Study (NHS) II/ Women without a diagnosis of MS	RLS 41/264 = 15.5% Severe RLS 26/264 = 9.85%	RLS 4,182/65,280 = 6.40% Severe RLS 1,722/65,280 = 2.64%	OR Age adjusted 2.68 (1.92-3.74) Multivariate adjusted 2.77 (1.92-3.98) Further adjusted for other sleep disorders 2.72 (1.89-3.93) Age adjusted 4.01 (2.67-6.03) Multivariate adjusted 4.21 (2.71-6.53) Further adjusted for

						other sleep disorders 4.12 (2.65-6.42)
Manconi[52] (2008)	861	649 (yes: age, sex)	Spouses or friends of the probands	RLS 164/861 = 19.0% (16.6-21.8)	RLS 27/649 = 4.16% (2.9-6)	OR 5.4 (3.56-8.26) X^2 74.23 (p<0.00001)
Shaygannejad[57] (2013)	126	126 (yes: age, sex)	Healthy controls	RLS 82/126 = 65.1%	RLS 16/126 = 12.7%	p<0.001

NR: Not Reported, RA: Rheumatoid Arthritis, RLS: Restless Legs Syndrome, RBD: Sleep Behavior Disorder, OR: Odds Ratio, PLM: Periodic Limb Movement