

Domain	Prognostic factor	Study	Result (hazard ratio, 95% confidence intervals); p-value	
			Univariate analysis	Multivariate analysis
Oculomotor symptoms	Diplopia within 1 year of disease onset	Nath 2003	NA	4.23 (1.23, 14.6); p=0.02
	Vertical supranuclear gaze palsy	Litvan 1996	NS	NA
		Supranuclear motor exam PSPRS	Chiu 2010	1.12 (1.10, 1.31); p<0.0001
	Supranuclear gaze palsy within 2 years of onset	Kaat 2007	NA	2.74 (1.52, 4.94); p=0.0008
	Oculomotor symptoms within 3 years of onset	Dell' Aquila 2013	2.5 (1.2, 5.1); p=0.01	NS
Bulbar symptoms	Early bulbar problem	Nath 2003	NA	2.56 (1.57, 4.15); p<0.001
	Dysphagia within 2 years of onset compared to absent	Nath 2003	NA	3.91 (1.39, 11.0); p=0.01
		Kaat 2007	NA	2.84 (1.51, 5.34); p=0.0012
	Dysphagia within 3 years of onset	Dell' Aquila 2013	2.8 (1.4, 5.5); p=0.003	2.3 (1, 5, 3); p=0.05
	Early dysphagia	Litvan 1996	1.9 years difference in median survival	
	Dysphagia (time not specified)	Maher 1986	P >0.1	NA
Cognitive symptoms	PEG insertion	Nath 2003	NA	1.97 (0.88, 4.39); p=0.10
	Within 3 years of disease onset	Dell' Aquila 2013	4 (2, 8.2); p=0.0002	3.6 (1.6, 8.2); p=0.002
	Within 2 years of disease onset	Kaat 2007	NA	1.99 (1.17, 3.38); p=0.011
	Early onset dementia	Litvan 1996	NS	NA
	Time not specified	Maher 1986	p > 0.5	NA

Supplementary Table 6. Summary of prognostic factors in PSP. NA = not applicable; NS = not significant; PEG = percutaneous endoscopic gastrostomy; PSPRS = PSP Rating Scale; S = significant (no statistics reported).