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Supplementary Table 1. Factors associated with mortality at six months using multiple logistic regression analyses

	Mortality at 180 days post-stroke	
	Adjusted odds ratio (95% CI)	P
Model 1		
Sex (male)	0.25 (0.06–1.00)	0.050
NIHSS score on admission	1.22 (1.04–1.43)	0.013
Preoperative SPS (mm)	1.26 (1.04–1.53)	0.019
Reduction in SPS (mm)	0.52 (0.37–0.73)	< 0.001
Model 2		
Sex (male)	0.30 (0.09–0.99)	0.048
NIHSS score on admission	1.16 (1.02–1.31)	0.027
Preoperative PGS (mm)	1.18 (0.94–1.47)	0.156
Reduction in PGS (mm)	0.57 (0.94–1.47)	0.002
Model 3		
Age	1.03 (0.95–1.11)	0.509
Sex (male)	0.31 (0.07–1.46)	0.138
NIHSS score on admission	1.22 (1.04–1.42)	0.014
Preoperative SPS (mm)	1.27 (1.04–1.54)	0.018
Reduction in SPS (mm)	0.51 (0.35–0.72)	< 0.001
Model 4		
Age	1.01 (0.96–1.07)	0.645
Sex (male)	0.34 (0.09–1.25)	0.103
NIHSS score on admission	1.15 (1.02–1.31)	0.028
Preoperative PGS (mm)	1.19 (0.95–1.49)	0.141
Reduction in PGS (mm)	0.56 (0.39–0.81)	0.002

CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; SPS, midline shift (septum pellucidum shift); PGS, midline shift (pineal gland shift).