

Supplementary Table 2: Univariate associations of clinicians, patient, meeting and family characteristics with prognostic communication approaches

^(a)Not accounting for any clustering within center, clinician, or patient/family; $p < 0.05$ considered statistically significant. Fisher's exact test for categorical characteristics, exact Kruskal-Wallis test for continuous characteristics

	% (N) or Median (IQR) within approach				p-value ^(a)
	Authoritative (N=9)	Advisory (N=18)	Responsive (N=6)	Informational (N=10)	
Clinician characteristics					
Center:					<0.001
A	11.1 (1)	11.1 (2)	0.0 (0)	0.0 (0)	
B	11.1 (1)	0.0 (0)	16.7 (1)	10.0 (1)	
C	11.1 (1)	0.0 (0)	0.0 (0)	10.0 (1)	
D	0.0 (0)	5.6 (1)	0.0 (0)	0.0 (0)	
E	0.0 (0)	5.6 (1)	0.0 (0)	20.0 (2)	
F	22.2 (2)	5.6 (1)	0.0 (0)	60.0 (6)	
G	44.4 (4)	72.2 (13)	83.3 (5)	0.0 (0)	
Sex:					0.22
Male	55.6 (5)	38.9 (7)	50.0 (3)	80.0 (8)	
Female	44.4 (4)	61.1 (11)	50.0 (3)	20.0 (2)	
Race/ethnicity:					0.75
Non-Hispanic White	77.8 (7)	77.8 (14)	83.3 (5)	90.0 (9)	
Hispanic White	0.0 (0)	5.6 (1)	0.0 (0)	0.0 (0)	
Asian	11.1 (1)	16.7 (3)	16.7 (1)	0.0 (0)	
Black	11.1 (1)	0.0 (0)	0.0 (0)	10.0 (1)	
Median Age (IQR) (years)	37 (36, 45)	44 (37, 49)	37 (31, 61)	42 (41, 46)	0.82
Median years in practice (IQR)	9 (6, 17)	16.5 (9, 20)	9 (4, 19)	10.5 (6, 15)	0.63
Training:					0.50
Attending	88.9 (8)	88.9 (16)	66.7 (4)	70.0 (7)	
Fellow	0.0 (0)	5.6 (1)	0.0 (0)	10.0 (1)	
Resident	11.1 (1)	5.6 (1)	33.3 (2)	10.0 (1)	
Other	0.0 (0)	0.0 (0)	0.0 (0)	10.0 (1)	
Neuro-intensivist:					0.01
No	66.7 (6)	27.8 (5)	66.7 (4)	90.0 (9)	

Yes	33.3 (3)	72.2 (13)	33.3 (2)	10.0 (1)	
Patient characteristics					
Sex:					0.35
Male	44.4 (4)	61.1 (11)	83.3 (5)	80.0 (8)	
Female	55.6 (5)	38.9 (7)	16.7 (1)	20.0 (2)	
Race/ethnicity:					0.33
Non-Hispanic White	88.9 (8)	66.7 (12)	83.3 (5)	90.0 (9)	
Hispanic White	0.0 (0)	16.7 (3)	0.0 (0)	0.0 (0)	
Asian	0.0 (0)	16.7 (3)	16.7 (1)	0.0 (0)	
Black	11.1 (1)	0.0 (0)	0.0 (0)	10.0 (1)	
Median Age (IQR) (years)	51 (24, 67)	73.5 (58, 82)	67 (58, 80)	58.5 (52, 67)	0.07
Primary neurologic diagnosis:					0.059
Acute ischemic stroke	22.2 (2)	50.0 (9)	66.7 (4)	0.0 (0)	
Hemorrhagic stroke	11.1 (1)	11.1 (2)	0.0 (0)	10.0 (1)	
Aneurysmal subarachnoid hemorrhage	11.1 (1)	5.6 (1)	0.0 (0)	40.0 (4)	
Traumatic brain injury	44.4 (4)	16.7 (3)	33.3 (2)	40.0 (4)	
Status epilepticus	11.1 (1)	0.0 (0)	0.0 (0)	0.0 (0)	
Encephalitic / meningitis	0.0 (0)	11.1 (2)	.0 (0)	0.0 (1)	
Neoplasm	0.0 (0)	0.0 (0)	0.0 (0)	10.0 (1)	
Drug overdose	0.0 (0)	5.6 (1)	0.0 (0)	0.0 (0)	
Primary neurologic diagnosis:					.07
Acute ischemic stroke	22.2 (2)	50.0 (9)	66.7 (4)	0.0 (0)	
Traumatic brain injury	44.4 (4)	16.7 (3)	33.3 (2)	40.0 (4)	
Hemorrhagic stroke	11.1 (1)	11.1 (2)	0.0 (0)	10.0 (1)	
Other	22.2 (2)	22.2 (4)	0.0 (0)	50.0 (5)	
Family characteristics					
Number of family members present:					0.52
1	44.4 (4)	66.7 (12)	50.0 (3)	40.0 (4)	

2	11.1 (1)	16.7 (3)	33.3 (2)	40.0 (4)	
3 – 5	44.4 (4)	16.7 (3)	16.7 (1)	20.0 (2)	
Maximum educational level:					0.52
≤ High school	212.5(1)	6.7 (1)	20.0 (1)	20.0 (2)	
Some college / technical	25.0 (2)	53.3 (8)	20.0 (1)	30.0 (3)	
College	50.0 (4)	13.3 (2)	20.0 (1)	10.0 (1)	
Post-graduate	12.5 (1)	26.7 (4)	40.0 (2)	40.0 (4)	
Sex					0.85
All female	33.3 (3)	40.0 (6)	40.0 (2)	50.0 (5)	
Mix of male, female	55.6 (5)	26.7 (4)	40.0 (2)	30.0 (3)	
All male	11.1 (1)	33.3 (4)	20.0 (1)	20.0 (2)	
Race/ethnicity:					0.8
All non-Hispanic White	62.5 (5)	64.3 (9)	60.0 (3)	980.0 (8)	
Other	37.5 (3)	35.7 (5)	40.0 (2)	20.0 (2)	
Median Age (IQR) (years)	48.5 (37.3, 56)	49 (42, 57)	51 (45, 60.5)	48.5 (41, 51.5)	0.88
Meeting characteristics					
Meeting length (minutes)	30 (19, 38)	33.5 (23, 52)	36.5 (28, 51)	18.5 (15, 24)	0.03
Median number of days from admission to meeting (IQR)	8 (3, 9)	4.5 (3, 9)	6 (4, 11)	5 (4, 9)	0.93
First meeting:					0.33
Yes	100.0 (9)	83.3 (15)	3.3 (5)	100.0 (10)	
No	0 (0)	16.7 (3)	16.7 (1)	0 (0)	