

**Supplementary Table 3.** Factors related to attitudes toward withholding mechanical ventilator during acute exacerbation in the clinicians

Characteristics	Able to withhold (N=155)	Unable to withhold (N=45)	p*
Age distribution (yr)			0.371
20–29 (N=33)	22 (66.7)	11 (33.3)	
30–39 (N=129)	100 (77.5)	29 (22.5)	
40–49 (N=28)	24 (85.7)	4 (14.3)	
50–59 (N=9)	8 (88.9)	1 (11.1)	
≥60 (N=1)	1 (100.0)	0 (0.0)	
Sex			0.858
Male (N=109)	85 (78.0)	24 (22.0)	
Female (N=91)	70 (76.9)	21 (23.1)	
Presence of spouse			0.022
Yes (N=110)	92 (83.6)	18 (16.4)	
No (N=90)	63 (70.0)	27 (30.0)	
Living with older adults (≥65 years)			0.661
Yes (N=23)	17 (73.9)	6 (26.1)	
No (N=177)	138 (78.0)	39 (22.0)	
Living with a person with disability or having disability			0.697
Yes (N=11)	8 (72.7)	3 (27.3)	
No (N=189)	147 (77.8)	42 (22.2)	
Experience of suffering from a disease or an accident (>1 month)			0.803
Yes (N=16)	12 (7.0)	4 (25.0)	
No (N=184)	143 (77.7)	41 (22.3)	
Experience of the household member's suffering from a disease or an accident (>1 month)			0.579
Yes (N=32)	26 (81.2)	6 (18.8)	
No (N=168)	129 (76.8)	39 (23.2)	
Experience of bereavement			0.616
Yes (N=73)	58 (79.4)	15 (20.6)	
No (N=127)	97 (76.4)	30 (23.6)	
Completion of AD (of myself or household member)			0.225
Yes (N=18)	16 (88.9)	2 (11.1)	
No (N=182)	139 (76.4)	43 (23.6)	
Experience of participating in decision making on LST of family member(s)			0.225
Yes (N=18)	16 (88.9)	2 (11.1)	
No (N=182)	139 (76.4)	43 (23.6)	
Clinical position			0.123
Professor (N=70)	60 (85.7)	10 (14.3)	
Fellow (N=36)	26 (72.2)	10 (27.8)	
Resident (N=94)	69 (73.4)	25 (26.6)	
Experience of care for patients with dementia			0.060
Yes (N=109)	90 (82.6)	19 (17.4)	
No (N=91)	65 (71.4)	26 (28.6)	
Experience of care for patients on mechanical ventilator			0.356
Yes (N=140)	111 (79.3)	29 (20.7)	
No (N=60)	44 (73.3)	16 (26.7)	
Experience of care for patients at the intensive care unit			0.876
Yes (N=122)	95 (77.9)	27 (22.1)	
No (N=78)	60 (76.9)	18 (23.1)	
Experience of decision making on LST			0.282
Yes (N=150)	119 (79.3)	31 (20.7)	
No (N=50)	36 (72.0)	14 (28.0)	

Values are presented as number (%). \*Fisher's exact test or Pearson's  $\chi^2$  test for proportions of able to withdraw and unable to withdraw within each characteristics group. AD, Advanced directives; LST, life-sustaining treatment