

[illegible]

5-mFI, n (%)							
0	545 (1.2)	13,035 (28.1)	975 (2.1)	1,895 (4.1)	685 (1.5)	7,760 (16.7)	495 (1.1)
1	1,000 (1.0)	31,865 (32.4)	2,120 (2.2)	3,935 (4.0)	975 (1.0)	17,980 (18.3)	875 (0.9)
2	830 (1.3)	24,435 (39.5)	1,680 (2.7)	2,245 (3.6)	650 (1.1)	14,015 (22.7)	770 (1.2)
3	430 (2.4)	9,300 (51.1)	770 (4.2)	780 (4.3)	215 (1.2)	5,410 (29.7)	395 (2.2)
4	90 (3.1)	1,415 (49.3)	125 (4.4)	105 (3.7)	25 (0.9)	835 (29.1)	65 (2.3)
5	15 (9.1)	85 (51.5)	15 (9.1)	10 (6.1)	0 (0.0)	55 (33.3)	15 (9.1)
JHFI, n (%)							
0	1,775 (1.1)	52,105 (31.7)	3,810 (2.3)	5,050 (3.1)	1,650 (1.0)	30,210 (18.4)	1,590 (1.0)
1	1,135 (1.8)	28,030 (44.1)	1,875 (2.9)	3,920 (6.2)	900 (1.4)	15,845 (24.9)	1,025 (1.6)

VTE, Venous thromboembolism; FTR, Failure-to-rescue; OFS, Orthopedic Frailty Score; NHFS, Nottingham Hip Fracture Score; 11-mFI, 11-factor modified Frailty Index; 5-mFI, 5-factor modified Frailty Index; JHFI, Johns Hopkins Frailty Indicator

Supplemental Table S2. Predictive ability of frailty scores for adverse outcomes in hip fracture patients who are ≥ 50 years old				
Outcome	AUC (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)	P-value for difference in AUCs
In-hospital mortality				
OFS	0.69 (0.67-0.71)	0.83 (0.80-0.86)	0.47 (0.47-0.48)	Reference
NHFS	0.64 (0.63-0.67)	0.77 (0.74-0.82)	0.46 (0.42-0.46)	<0.001
11-mFI	0.61 (0.59-0.63)	0.46 (0.42-0.76)	0.71 (0.40-0.71)	<0.001
5-mFI	0.57 (0.55-0.59)	0.47 (0.18-0.69)	0.63 (0.43-0.91)	<0.001
Johns Hopkins Frailty Indicator	0.56 (0.54-0.57)	0.39 (0.35-0.43)	0.72 (0.72-0.73)	<0.001
Any complication				
OFS	0.60 (0.60-0.61)	0.64 (0.64-0.65)	0.53 (0.53-0.54)	Reference
NHFS	0.62 (0.61-0.62)	0.66 (0.65-0.67)	0.52 (0.51-0.52)	<0.001
11-mFI	0.61 (0.60-0.61)	0.70 (0.69-0.70)	0.46 (0.45-0.46)	0.467
5-mFI	0.57 (0.56-0.57)	0.44 (0.43-0.45)	0.67 (0.67-0.68)	<0.001
Johns Hopkins Frailty Indicator	0.55 (0.55-0.56)	0.35 (0.34-0.36)	0.76 (0.75-0.76)	<0.001
Cardiovascular complication				
OFS	0.60 (0.59-0.62)	0.69 (0.67-0.72)	0.48 (0.47-0.48)	Reference
NHFS	0.59 (0.58-0.61)	0.73 (0.63-0.75)	0.43 (0.42-0.53)	1.00
11-mFI	0.66 (0.64-0.67)	0.53 (0.51-0.56)	0.71 (0.71-0.72)	<0.001
5-mFI	0.55 (0.54-0.57)	0.46 (0.17-0.49)	0.63 (0.63-0.91)	<0.001
Johns Hopkins Frailty Indicator	0.53 (0.51-0.54)	0.33 (0.30-0.36)	0.72 (0.72-0.73)	<0.001
Delirium				
OFS	0.61 (0.60-0.62)	0.72 (0.70-0.74)	0.48 (0.47-0.48)	Reference
NHFS	0.69 (0.68-0.70)	0.82 (0.54-0.83)	0.47 (0.46-0.74)	<0.001
11-mFI	0.59 (0.58-0.60)	0.74 (0.72-0.76)	0.41 (0.41-0.42)	0.022
5-mFI	0.52 (0.51-0.53)	0.74 (0.24-0.76)	0.29 (0.27-0.79)	<0.001
Johns Hopkins Frailty Indicator	0.58 (0.57-0.59)	0.44 (0.41-0.46)	0.73 (0.72-0.73)	0.001
Venous thromboembolism				
OFS	0.54 (0.52-0.57)	0.60 (0.18-0.64)	0.47 (0.47-0.86)	Reference
NHFS	0.53 (0.53-0.57)	0.43 (0.27-0.80)	0.62 (0.26-0.79)	1.00
11-mFI	0.53 (0.52-0.56)	0.45 (0.35-0.75)	0.59 (0.33-0.71)	1.00
5-mFI	0.54 (0.52-0.57)	0.35 (0.25-0.65)	0.72 (0.44-0.81)	1.00
Johns Hopkins Frailty Indicator	0.54 (0.52-0.56)	0.36 (0.32-0.40)	0.72 (0.72-0.72)	1.00

Infection				
OFS	0.58 (0.57-0.59)	0.63 (0.63-0.64)	0.50 (0.49-0.50)	Reference
NHFS	0.57 (0.57-0.58)	0.63 (0.62-0.64)	0.48 (0.47-0.48)	0.258
11-mFI	0.58 (0.58-0.59)	0.69 (0.38-0.70)	0.43 (0.42-0.73)	1.00
5-mFI	0.56 (0.55-0.56)	0.44 (0.43-0.45)	0.65 (0.65-0.66)	<0.001
Johns Hopkins Frailty Indicator	0.54 (0.54-0.55)	0.34 (0.34-0.35)	0.74 (0.73-0.74)	<0.001
Failure-to-rescue				
OFS	0.69 (0.67-0.71)	0.83 (0.80-0.86)	0.47 (0.47-0.48)	Reference
NHFS	0.65 (0.63-0.67)	0.77 (0.75-0.83)	0.46 (0.42-0.46)	<0.001
11-mFI	0.61 (0.59-0.63)	0.46 (0.42-0.76)	0.71 (0.41-0.71)	<0.001
5-mFI	0.57 (0.55-0.60)	0.48 (0.19-0.70)	0.63 (0.43-0.91)	<0.001
Johns Hopkins Frailty Indicator	0.56 (0.54-0.58)	0.39 (0.35-0.43)	0.72 (0.72-0.73)	<0.001
<i>OFS, Orthopedic Frailty Score; NHFS, Nottingham Hip Fracture Score; 11-mFI, 11-factor modified Frailty Index; 5-mFI, 5-factor modified Frailty Index</i>				