

Table S1. Diagnostic accuracy for basic and instrumental activities of daily living worsening of SPPB scores in individuals with a FRAIL score ≥ 1 under the best-case imputation of those missing in worsening of activities of daily living

SPPB score	Sensitivity (95% confidence interval)		Specificity (95% confidence interval)		% of positives who were not frail (95% confidence interval)	
	BADL	IADL	BADL	IADL	BADL	IADL
<1	1.1 (0-3.2)	2.2 (0-5.2)	99.6 (98.9-100)	100	50 (0-100)	0
<2	2.2 (0-5.2)	3.2 (0-6.9)	99.6 (98.9-100)	100	33.3 (0-100)	0
<3	3.3 (0-7)	3.2 (0-6.9)	99.6 (98.9-100)	99.6 (98.9-100)	25 (0-100)	25 (0-100)
<4	6.5 (1.4-11.7)	5.4 (0.7-10)	99.6 (98.9-100)	99.3 (98.2-100)	14.3 (0-49.2)	28.6 (0-73.7)
<5	8.7 (2.8-14.6)	7.5 (2.1-13)	98.9 (97.6-100)	98.5 (97.1-100)	27.3 (0-58.7)	36.4 (2.5-70.3)
<6	13 (6-20)	12.9 (6-19.8)	97 (95-99.1)	97 (95-99.1)	40 (16.5-63.5)	40 (16.5-63.5)
<7	18.5 (10.4-26.6)	17.2 (9.4-25)	96.7 (94.5-98.8)	96.3 (94-98.6)	34.6 (15-54.2)	38.5 (18.4-58.5)
<8	21.7 (13.2-30.3)	21.5 (13-30)	93.7 (90.8-96.6)	93.7 (90.8-96.6)	45.9 (29.1-62.8)	45.9 (29.1-62.8)
<9	33.7 (23.9-43.5)	34.4 (24.6-44.2)	90.4 (86.8-93.9)	90.7 (87.2-94.2)	45.6 (32.3-58.9)	43.9 (30.6-57.1)
<10	50 (39.6-60.4)	50.5 (40.2-60.9)	84.1 (79.7-88.5)	84.4 (80-88.8)	48.3 (37.7-58.9)	47.2 (36.6-57.8)
<11	60.9 (50.7-71)	59.1 (49-69.3)	77.4 (72.4-82.4)	77 (71.9-82)	52.1 (43-61.3)	53 (43.8-62.2)
<12	68.5 (58.8-78.2)	67.7 (58.1-77.4)	72 (66.6-77.3)	71.7 (66.3-77.2)	54.7 (46.3-63.1)	54.7 (46.3-63.1)

Percentages are referred to the total sample (n=363), not to individuals with a FRAIL score ≥ 1 .

BADL: Basic activities of daily living. IADL: Instrumental activities of daily living

Table S2. Diagnostic accuracy for basic and instrumental activities of daily living worsening of different gait speeds in individuals with a FRAIL score ≥ 1 under the best-case imputation of those missing in worsening of activities of daily living

Gait speed (m/s)	Sensitivity (95% confidence interval)		Specificity (95% confidence interval)		% of positives who were not frail (95% confidence interval)	
	BADL	IADL	BADL	IADL	BADL	IADL
<0.6	18.2 (10-26.4)	17.6 (9.4-25.9)	97.2 (95.2-99.3)	96.9 (94.7-99)	30.4 (10.1-50.8)	34.8 (13.7-55.8)
<0.7	25 (15.8-34.2)	24.7 (15.3-34.1)	95.7 (93.1-98.2)	95.3 (92.7-97.9)	33.3 (16.4-50.3)	36.4 (19-53.7)
<0.8	35.2 (25-45.4)	35.3 (24.9-45.7)	90.2 (86.5-93.8)	89.9 (86.2-93.6)	44.6 (31.2-58.1)	46.4 (33-59.9)
<0.9	47.7 (37.1-58.4)	49.4 (38.6-60.3)	84.6 (80.2-89.1)	84.8 (80.4-89.2)	48.1 (37-59.3)	48.1 (37-59.3)
<1	56.8 (46.3-67.4)	63.5 (53.1-74)	75.2 (69.8-80.5)	77 (71.9-82.2)	55.8 (46.5-65.1)	52.2 (42.9-61.6)
<1.1	63.6 (53.4-73.9)	69.4 (59.4-79.4)	73.2 (67.7-78.7)	74.7 (69.4-80.1)	54.8 (46-63.7)	52.4 (43.5-61.3)
<1.2	72.7 (63.2-82.2)	71.8 (62-81.5)	72 (66.5-77.6)	71.2 (65.6-76.8)	52.6 (44.1-61.1)	54.8 (46.3-63.3)
<1.3	73.9 (64.5-83.2)	72.9 (63.3-82.6)	69.7 (64-75.4)	68.9 (63.2-74.6)	54.2 (45.9-62.5)	56.3 (48.1-64.6)
<1.4	75 (65.8-84.2)	74.1 (64.6-83.6)	69.3 (63.6-75)	68.5 (62.8-74.2)	54.2 (45.9-62.4)	56.3 (48-64.5)
<1.5	75 (65.8-84.2)	74.1 (64.6-83.6)	68.9 (63.2-74.6)	68.1 (62.4-73.8)	54.5 (46.3-62.7)	56.6 (48.4-64.7)

Percentages are referred to the total sample (n=363), not to individuals with a FRAIL score ≥ 1 .
 BADL: Basic activities of daily living. IADL: Instrumental activities of daily living