

Supplement 1

The number of frail persons at baseline and sensitivity, specificity, positive predictive value (PPV) and negative predictive value (NPV) of the four single frailty instruments and the combined frailty instruments (sequential and parallel) for the outcomes mortality and hospitalization at two-year follow-up.

Mortality					
	Frail according to instruments (n, baseline)	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)
<i>Single instrument</i>					
FP	537	44.5	79.6	15.1	94.6
FI	730	49.5	71.4	12.3	94.6
TFI	1536	80.6	36.5	9.4	95.8
GFI	1424	76.2	42.1	9.7	95.6
<i>Sequential</i>					
FP & TFI	485	42.8	81.6	15.9	94.6
FP & GFI	464	39.8	82.4	15.5	94.4
FI & TFI	663	46.7	73.9	12.8	94.4
FI & GFI	651	46.2	74.6	12.9	94.4
<i>Parallel</i>					
FP & TFI	1567	81.7	35.2	9.4	95.9
FP & GFI	1490	80.7	39.5	9.8	96.2
FI & TFI	1580	83.3	34.7	9.5	96.2
FI & GFI	1495	79.6	39.1	9.6	95.9
Hospitalization					
	Frail according to instruments (n, baseline)	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)
<i>Single instrument</i>					
FP	537	25.6	86.2	61.7	57.3
FI	730	35.9	79.6	60.4	59.0
TFI	1536	70.5	44.1	51.8	63.7
GFI	1424	63.9	50.3	52.6	61.7
<i>Sequential</i>					
FP & TFI	485	23.5	87.6	61.9	57.1
FP & GFI	464	23.1	88.6	63.7	57.1
FI & TFI	663	32.9	81.2	60.1	58.5
FI & GFI	651	32.7	82.2	61.3	58.5
<i>Parallel</i>					
FP & TFI	1567	72.0	43.1	51.9	64.3
FP & GFI	1490	66.3	48.1	52.4	62.3
FI & TFI	1580	73.0	42.8	52.1	65.0
FI & GFI	1495	67.1	48.0	52.7	62.8

FP= Frailty Phenotype, FI= Frailty Index, TFI= Tilburg Frailty Indicator, GFI= Groningen Frailty Indicator