

Online Only Supplement:

Perceived Physical Fatigability Predicts All-Cause Mortality in Older Adults

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eFigure 1. Mean Pittsburgh Fatigability Scale (PFS) Physical Scores (0-50) at Visit 2 by Vital Status across Age Strata (N=2,258)

eTable 1. Comparison of Visit 2 Participant Characteristics by Complete (N=2,258) versus Incomplete Data Excluded from Analysis (N=339)

	Complete Data (N = 2258)	Incomplete Data^a (N = 339)	P-Value
Number of Deaths	230 (10.2)	57 (19.1) [n=287]	<.0001
Age, years	73.5 ± 10.4	80.7	<.0001
Sex, women	1235 (54.7)	204 (60.2)	.06
PFS Physical score, 0-50	14.4 ± 10.0	15.2 ± 11.4 [n=84]	.47
Physical Activity, MET-hours/day ^b	36.4 ± 7.0	35.2±10.1 [n=170]	.13
Heart Disease ^c	143 (6.3)	33 (9.7)	.02
Hypertension ^d	1354 (60.0)	238 (70.2)	.0004
Stroke ^c	115 (5.1)	32 (9.4)	.0012
Kidney Disease ^c	75 (3.3)	11 (3.24)	.94
Diabetes ^e	252 (11.2)	42 (12.8) [n=328]	.38
Peripheral Arterial Disease ^c	53 (2.4)	7 (2.1)	.74
Liver Disease ^c	65 (2.9)	8 (2.4)	.59
Lung Disease ^c	306 (13.6)	45 (13.3)	.89
Cancer (excluding skin) ^c	563 (25.0)	87 (25.7)	.77
Depressive Symptomatology, 0-30 ^f	3.2 ± 3.5 [n=2185]	3.6±3.8 [n=284]	.13
Smoking Status			
Former Smoker	877 (38.8)	98 (34.0) [n=288]	.12
Current Smoker	87 (3.9)	19 (6.6) [n=288]	.28
Non-Smoker	1284 (57.3)	171 (59.3) [n=288]	.50

All reported in mean ± standard deviation or n (%)

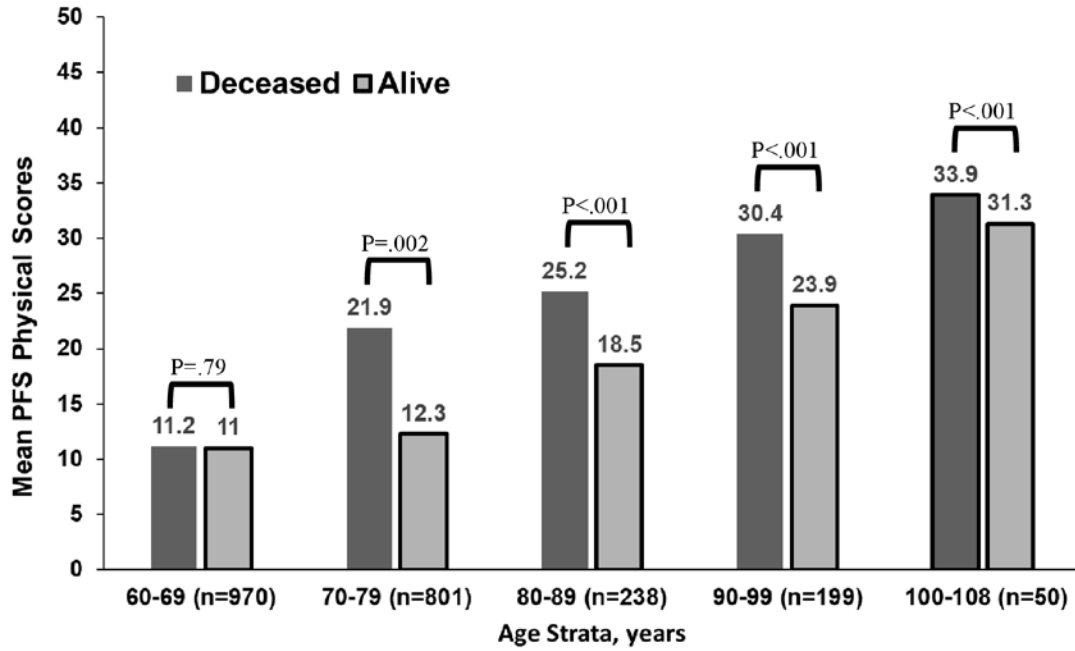
^aIncomplete data included those missing one of more of the following variables: Pittsburgh Fatigability Scale (PFS) that were not imputable (n=255), lost to follow-up (n=137), physical activity (n=169), health conditions (n=11) and smoking (n=15); ^bFramingham Physical Activity Index score; ^cSelf-reported doctor diagnosis (prevalence/history); ^dHypertension defined as systolic ≥130 mmHg and/or diastolic ≥80 mmHg or taking blood pressure medication; ^eHemoglobin A1c ≥6.5%, fasting glucose ≥126, or self-reported doctor diagnosis defined diabetes; ^fCenter for Epidemiological Studies – Depression Scale

eTable 2: Visit 2 Participant Characteristics by Survival Status (N=2,258)

	All (N = 2258)	Living (n =2028)	Deceased (n = 230)	P-Value
Age, years	73.5 ± 10.4	71.6 ± 8.4	91.0 ± 10.9	<.0001
Sex, women	1235 (54.7)	1119 (55.2)	116 (50.4)	.17
PFS Physical score, 0-50	14.4 ± 10.0	12.2 ± 0.4 ^a	19.1 ± 0.8 ^a	<.0001
PFS Physical score Severity Strata				<.0001
0 to 4	358 (15.9)	353 (98.6)	5 (1.4)	
5 to 9	460 (20.4)	448 (97.4)	12 (2.6)	
10 to 14	492 (21.8)	475 (96.5)	17 (3.5)	
15 to 19	326 (14.4)	304 (93.3)	22 (6.8)	
20 to 24	257 (11.4)	230 (89.5)	27 (10.5)	
≥25	365 (16.2)	218 (59.7)	147 (40.3)	
Physical Activity, MET-hours/day ^b	36.4 ± 7.0	37.1 ± 6.8	29.7 ± 5.6	<.0001
Heart Disease ^c	143 (6.3)	103 (5.1)	40 (17.4)	<.0001
Hypertension ^d	1354 (60.0)	1221 (60.2)	133 (58.0)	.48
Stroke ^c	115 (5.1)	72 (3.6)	43 (18.7)	<.0001
Kidney Disease ^c	76 (3.4)	58 (2.8)	18 (8.9)	<.0001
Diabetes ^c	252 (11.2)	215 (10.6)	37 (16.1)	.01
Peripheral Arterial Disease ^d	53 (2.4)	27 (1.3)	26 (11.3)	<.0001
Liver Disease ^c	65 (2.9)	62 (3.1)	3 (1.3)	.13
Lung Disease ^c	306 (13.6)	263 (13.0)	43 (18.7)	.02
Cancer (excluding skin) ^c	563 (25.0)	471 (23.2)	92 (40.0)	<.0001
Depressive Symptomatology, 0-30 ^f	3.2 ± 3.5	3.1 ± 3.3	5.0 ± 4.5	<.0001
Smoking Status				
Former Smoker	877 (38.8)	785 (38.7)	92 (40.0)	.70
Current Smoker	87 (3.85)	82 (4.0)	5 (2.2)	.16
Non-Smoker	1294 (57.3)	1161 (57.3)	133 (57.8)	.87

All reported as mean ± standard deviation or n (%); ^aAge-adjusted mean ± standard error; ^bFramingham Physical Activity Index score; ^cSelf-reported doctor diagnosis (prevalence/history); ^dHypertension defined as systolic ≥130 mmHg and/or diastolic ≥80 mmHg or taking blood pressure medication; ^eHemoglobin A1c ≥6.5%, fasting glucose ≥126, or self-reported doctor diagnosis defined diabetes; ^fCenter for Epidemiological Studies – Depression Scale

eFigure 1. Mean Pittsburgh Fatigability Scale (PFS) Physical Scores (0-50) at Visit 2 by Vital Status across Age Strata* (N=2,258)



	Total	60-69 years	70-79 years	80-89 years	90-99 years	100-108 years	P-trend
Number of deaths	230	16	25	42	104	43	<0.001

*Generalized estimating equations with an exchangeable covariance matrix was used to examine PFS Physical scores by vital status within each age strata. All p-values accounted for family relatedness and were adjusted for field center.