

## Supporting information

**S1 Table Prevalence of EPIC-P-FI Deficits in 410 Men of the EPIC-Potsdam Sub-Study Population in 2010**

Domain	Description	Men			Total N = 410	
		EPIC-P-FI score				
		Low N = 128	Medium N = 149	High N = 133		
Health	Pain (%)	19.5	51.0 <sup>aa</sup>	82.7 <sup>aa</sup>	51.5	
	State of health (%)					
		0.5 (less well)	0.0	8.7 <sup>aa</sup>	45.1 <sup>aa</sup>	17.8
		1 (bad)	0.0	0.0	1.5	0.5
	More than 5 medications (%)	6.3	15.4 <sup>a</sup>	44.4 <sup>aa</sup>	22.0	
	Tumor (%)	1.6	7.5 <sup>a</sup>	21.1 <sup>aa</sup>	10.1	
		Missing subjects (N)	4	2	0	6
	Diabetes (%)	1.6	8.9 <sup>aa</sup>	21.8 <sup>aa</sup>	10.8	
		Missing subjects (N)	1	3	0	4
	Myocardial infarction (%)	2.3	2.7	7.5	4.1	
	Stroke (%) <sup>b</sup>	0	2.0	6.8 <sup>aa</sup>	2.9	
	Transient Ischemic Attack (TIA) (%) <sup>b</sup>	2.3	1.3	6.0	3.2	
	Heart failure (%) <sup>b</sup>	0	0.7	5.3 <sup>a</sup>	2.0	
	Angina pectoris (%)	0.8	8.5 <sup>aa</sup>	10.5 <sup>aa</sup>	6.6	
		Missing subjects (N)	1	7	9	17
	Hypertension (%)	32.8	61.3 <sup>aa</sup>	81.4 <sup>aa</sup>	59.0	
		Missing subjects (N)	6	7	4	17
	Osteoporosis (%) <sup>b</sup>	0	1.4	3.2	1.5	
		Missing subjects (N)	0	2	8	10
Psychosocial Aspects	Managed less than wanted because of mental problems (%)	1.6	10.7 <sup>aa</sup>	34.6 <sup>aa</sup>	15.6	
	Working carefully as usual not possible (%)	0.8	6.0 <sup>a</sup>	28.6 <sup>aa</sup>	11.7	
	Satisfied with health (%)					
		0.5 (rather dissatisfied)	3.1	5.4	38.3 <sup>aa</sup>	15.4
		1 (very dissatisfied)	0.0	0.0	1.5	0.5
	Satisfied with life (%)					
		0.5 (rather dissatisfied)	1.6	3.4	24.8 <sup>aa</sup>	9.8
		1 (very dissatisfied)	0	0	0	0
	Dispirited and sad (%) <sup>b</sup>					
		0.5 (sometimes, quite often)	0	2.0 <sup>a</sup>	11.3 <sup>aa</sup>	4.4
		1 (mostly, always)	2.3	0	2.3	1.5
	Have still many plans (%)					
		0.5 (partially applies)	36.2	38.4	48.8	41.0
		1 (does not apply)	3.9	9.6	16.5	10.0
		Missing subjects (N)	1	3	6	10
Affected contacts to other persons (%)						
	0.5 (sometimes)	0.8	6.7 <sup>a</sup>	19.5 <sup>aa</sup>	9.0	
	1 (always, mostly)	0	0	6.8	2.2	
Physical Ability	Managed less than I wanted because of physical problems (%)	1.6	18.1 <sup>aa</sup>	60.2 <sup>aa</sup>	26.6	
	Only done specific things (%)	0	12.1 <sup>aa</sup>	57.1 <sup>aa</sup>	22.9	
	Hand grip strength (%)	1.7	7.1 <sup>a</sup>	25.7 <sup>aa</sup>	10.8	
		Missing subjects (N)	8	8	24	40
	Physical activity level (%)	7.0	13.4	42.6 <sup>aa</sup>	21.0	
		Missing subjects (N)	14	30	18	62
	Limited in medium heavy activities (%) <sup>b</sup>					
	0.5 (minor limitations)	2.3	22.8 <sup>aa</sup>	59.4 <sup>aa</sup>	28.3	

	<b>1 (major limitations)</b>	0	0.7	9.8	3.4
	<b>Limited because of pain (%)</b>				
	<b>0.5 (minor limitations)</b>	18.8	47.0	70.7 <sup>aa</sup>	45.9
	<b>1 (major limitations)</b>	0	2.7	16.5	6.3
	<b>Limited in climbing stairs (%)<sup>b</sup></b>				
	<b>0.5 (minor limitations)</b>	3.9	27.5 <sup>aa</sup>	59.4 <sup>aa</sup>	30.5
	<b>1 (major limitations)</b>	0	1.3	9.0	3.4
	<b>Full of energy (%)<sup>b</sup></b>				
	<b>0.5 (rarely)</b>	0	1.3	14.3 <sup>aa</sup>	5.1
	<b>1 (never)</b>	0	0.7	3.0	1.2
<b>Physiologic</b>	<b>Body fat percentage (%)</b>	1.6	23.0 <sup>aa</sup>	33.3 <sup>aa</sup>	19.6
<b>al</b>					
<b>Aspects</b>	<b>Unwanted weight loss (%)</b>	2.5	7.0	9.9 <sup>a</sup>	6.4
	<b>Missing subjects (N)</b>	8	7	22	37
	<b>BMI (%)</b>	0.8	27.5 <sup>aa</sup>	41.4 <sup>aa</sup>	23.7
	<b>Whrt (%)</b>	6.3	43.6 <sup>aa</sup>	63.9 <sup>aa</sup>	38.5
	<b>Malnutrition (%)</b>	9.4	22.8 <sup>aa</sup>	32.3 <sup>aa</sup>	21.7

<sup>a</sup> *P*-value < 0.05 compared to low EPIC-P-FI; <sup>aa</sup>*P*-value <0.01 compared to low EPIC-P-FI; <sup>b</sup>Differences between EPIC-P-FI groups were calculated with Fisher's exact test.