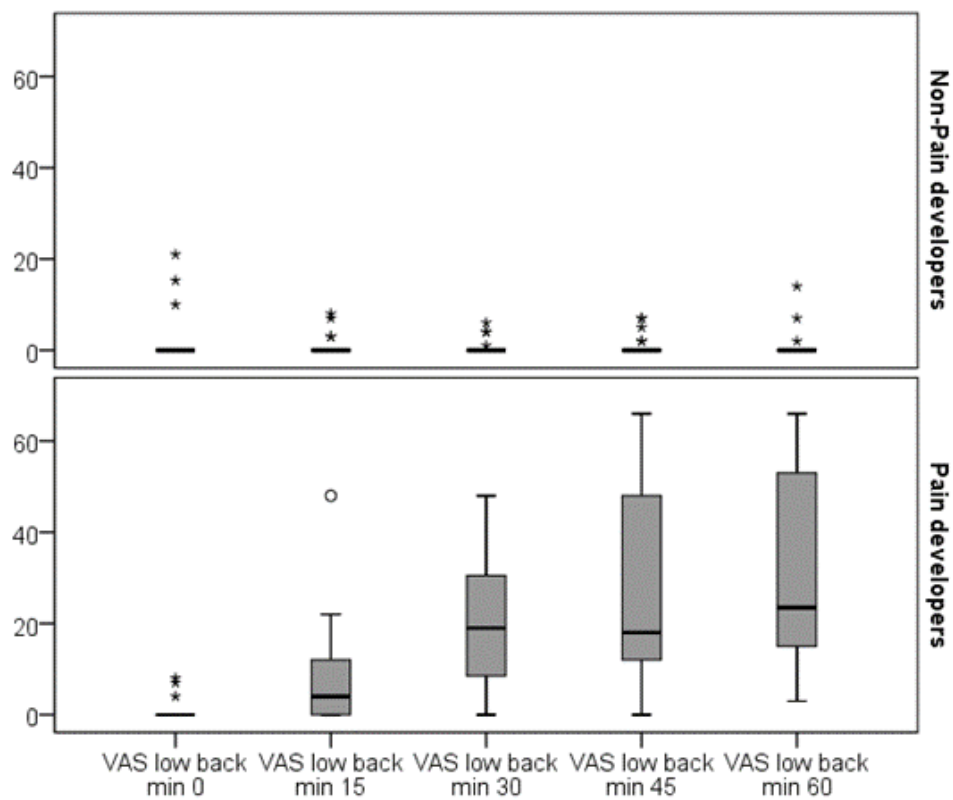
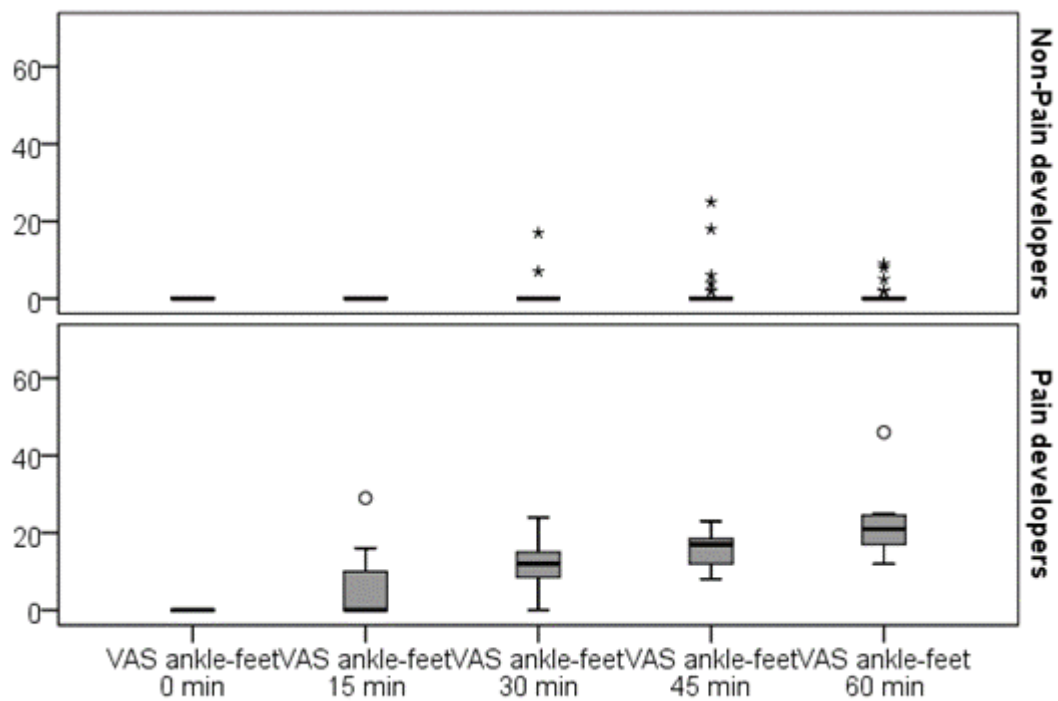


a)



b)



**Figure S1.** Pain development during 1h-standing for PD and NPD groups: (a) at low back; (b) at ankle-feet areas

**Table S1.** Spearman correlation coefficients between the maximum increment at VAS scores at low back and ankle-foot regions throughout of the standing task and measured variables for PD groups.

	Low back		Ankle-feet	
	PD (n = 14)		PD (n = 9)	
	Rho	p	Rho	p
Age (years)	-0.082	0.780	0.083	0.831
BMI (kg/m2)	0.262	0.365	0.017	0.966
IPAQ, during de last 7 days, how much time did you usually spend sitting on a weekend day (minutes)	0.047	0.874	-0.347	0.360
IPAQ, during de last 7 days, how much time did you usually spend sitting on a weekday (min)	0.544*	0.044	0.525	0.146
IPAQ, MET min/week	0.020	0.946	0.583	0.099
LBP severity, last 7 days (0-100)	0.463	0.096	0.365	0.334
OSPAQ, minutes sitting at work per week	-0.245	0.398	-0.210	0.587
OSPAQ, minutes standing at work per week	0.049	0.869	0.619	0.075
OSPAQ, minutes walking at work per week	0.073	0.804	-0.345	0.364
JCQ, Job Control	0.583*	0.029	-0.133	0.732
JCQ, Psychological Job Demands	0.392	0.165	-0.099	0.800
JCQ, Social Support	0.323	0.260	0.365	0.334
JCQ, Physical Demands	-0.395	0.162	0.070	0.859
PCS, Rumination	0.367	0.196	0.176	0.651
PCS, Magnification	-0.242	0.404	0.121	0.756
PCS, Helplessness	0.164	0.574	0.305	0.425
PCS-total	0.142	0.627	0.117	0.765
SF-12, Mental Component Summary	0.037	0.899	0.117	0.765
SF-12, Physical Component Summary	-0.522	0.056	-0.083	0.831
ASLR, total examiner-score (0-10)	0.551*	0.041	0.220	0.569
ASLR, total participant-score (0-10)	0.382	0.177	0.456	0.218
AHAbd, right side, examiner-score (0-3)	-0.034	0.907	0.128	0.742
AHAbd, left side, examiner-score (0-3)	0.248	0.392	0.498	0.172
AHAbd, right side, participant-score (0-5)	0.217	0.457	0.492	0.179
AHAbd, left side, participant-score (0-5)	0.082	0.780	0.613	0.079
Abdominal (s)	-0.198	0.497	-0.433	0.244
Side Bridge right side (s)	-0.578*	0.030	-0.533	0.139
Side Bridge left side (s)	-0.383	0.176	-0.267	0.488
Supine Bridge (s)	-0.568*	0.034	0.000	0.999
Isometric hip abduction (right leg) (s)	-0.454	0.103	-0.433	0.244
Isometric hip abduction (left leg) (s)	-0.170	0.562	-0.400	0.286
Sorensen (s)	-0.289	0.317	-0.967 *	0.000

\* $p \leq 0.05$ ; BMI, Body Mass Index; MET, Metabolic Equivalent of Task (computed as the sum of walking, moderate-intensity, and vigorous-intensity physical activity); OSPAQ, Occupational Sitting and Physical Activity Questionnaire; JCQ, Job Content Questionnaire; ASLR, Active Straight Leg Raise; AHAbd, Active Hip Abduction; s, seconds.