Table SII. Logistic regression between pain-related measures (independent variables) at baseline and selection for multimodal rehabilitation (no/yes, dependent variable); odds ratio (OR) and 95% confidence intervals (95% CI). Results for all unique patients and for the selection employed/student/jobseeker

	Model 1		Model 2	
	β	OR (95% CI)	β	OR (95% CI)
All patients				
All				
Higher pain intensity in the previous week (NRS)	**−0.053**	**0.961 (0.950−0.973)**	−0.073	0.929 (0.856−1.009)
Higher pain severity (MPI)	**−0.168**	**0.845 (0.724−0.987)**	**−0.210**	**0.811 (0.692−0.950)**
Higher pain interference (MPI)	0.054	1.055 (0.920−1.211)	0.026	1.027 (0.892−1.182)
Higher number pain sites	**0.018**	**1.018 (1.002−1.036)**	**0.023**	**1.023 (1.006−1.041)**
Pain location varies (ref = localized pain)	0.030	1.030 (0.762−1.392)	0.051	1.053 (0.778−1.425)
Higher number of quadrants with pain	**0.156**	**1.169 (1.014−1.348)**	**0.168**	**1.183 (1.026−1.365)**
Men				
Higher pain intensity in the previous week (NRS)	−0.062	0.940 (0.779−1.135)	−0.085	0.919 (0.756−1.116)
Higher pain severity (MPI)	−0.020	0.981 (0.683−1.409)	−0.060	0.942 (0.649−1.367)
Higher pain interference (MPI)	−0.109	0.897 (0.657−1.223)	−0.149	0.862 (0.625−1.189)
Higher number pain sites	0.020	1.020 (0.974−1.068)	0.022	1.022 (0.974−1.072)
Pain location varies (ref = localized pain)	−0.923	0.397 (0.154−1.025)	−0.926	0.396 (0.153−1.025)
Higher number of quadrants with pain	0.023	1.023 (0.729−1.435)	0.027	1.027 (0.729−1.447)
Women				
Higher pain intensity in the previous week (NRS)	−0.068	0.935 (0.854−1.023)	−0.079	0.924 (0.843−1.012)
Higher pain severity (MPI)	**−0.242**	**0.785 (0.656−0.939)**	**−0.271**	**0.763 (0.635−0.915)**
Higher pain interference (MPI)	0.110	1.117 (0.954−1.307)	0.095	1.100 (0.937−1.291)
Higher number pain sites	0.012	1.012 (0.993−1.031)	0.017	1.017 (0.998−1.036)
Pain location varies (ref = localized pain)	0.103	1.109 (0.799−1.540)	0.126	1.134 (0.815−1.578)
Higher number of quadrants with pain	**0.171**	**1.187 (1.013−1.391)**	**0.183**	**1.201 (1.024−1.408)**
Selection employed/student/ jobseeker				
All				
Higher pain intensity in the previous week (NRS)	−0.023	0.978 (0.899−1.064)	−0.046	0.955 (0.876−1.041)
Higher pain severity (MPI)	−0.104	0.901 (0.766−1.061)	−0.149	0.861 (0.729−1.018)
Higher pain interference (MPI)	0.106	1.112 (0.964−1.284)	0.073	1.075 (0.928−1.245)
Higher number pain sites	**0.024**	**1.024 (1.006−1.042)**	**0.027**	**1.027 (1.009−1.046)**
Pain location varies (ref = localized pain)	0.054	1.055 (0.770−1.446)	0.065	1.067 (0.778−1.463)
Higher number of quadrants with pain	**0.193**	**1.212 (1.047−1.404)**	**0.200**	**1.221 (1.054−1.414)**
Men				
Higher pain intensity in the previous week (NRS)	−0.040	0.961 (0.794−1.163)	−0.055	0.946 (0.777−1.153)
Higher pain severity (MPI)	0.083	1.086 (0.744−1.586)	0.063	1.065 (0.720−1.575)
Higher pain interference (MPI)	−0.049	0.953 (0.693−1.310)	−0.068	0.934 (0.671−1.300)
Higher number pain sites	0.012	1.012 (0.965−1.061)	0.010	1.010 (0.961−1.061)
Pain location varies (ref = localized pain)	**−1.188**	**0.305 (0.109−0.849)**	**−1.212**	**0.298 (0.107−0.831)**
Higher number of quadrants with pain	0.016	1.016 (0.720−1.434)	0.002	1.002 (0.706−1.423)
Women				
Higher pain intensity in the previous week (NRS)	−0.033	0.968 (0.878−1.066)	−0.050	0.951 (0.862−1.049)
Higher pain severity (MPI)	−0.187	0.830 (0.686−1.003)	**−0.222**	**0.801 (0.660−0.972)**
Higher pain interference (MPI)	**0.175**	**1.191 (1.008−1.407)**	0.149	1.161 (0.979−1.376)
Higher number pain sites	**0.020**	**1.020 (1.001−1.041)**	**0.024**	**1.024 (1.004−1.045)**
Pain location varies (ref = localized pain)	0.174	1.190 (0.842−1.683)	0.186	1.204 (0.851−1.704)
Higher number of quadrants with pain	**0.225**	**1.253 (1.064−1.475)**	**0.231**	**1.260 (1.070−1.484)**

Unique patients: patients who are not included in the study by Haukenes et al. 2015.
Model 1. Adjusted for age + education.
Model 2. Pain intensity in the previous week, pain severity, and pain interference: Adjusted for age, education + pain sites. Pain sites, varying location and number of quadrants: Adjusted for age, education + pain intensity in the previous week.
Bold type: $p < 0.05$.
All patients: All: Nagelkerke $R^2 = 0.063–0.078$; Men: Nagelkerke $R^2 = 0.113–0.141$; Women: Nagelkerke $R^2 = 0.048–0.069$.
Selection employed/student/jobseeker: All: Nagelkerke $R^2 = 0.046–0.062$; Men: Nagelkerke $R^2 = 0.096–0.145$; Women: Nagelkerke $R^2 = 0.036–0.059$.