

## 1 APPENDICES

**2S-Table 1.** Psychometric Information for the Coping Scales

	Cronbach's $\alpha$	Explained variance (%)	Factor loading
Denial	0.856	29.413	
(1) I act as though this hasn't even happened.			0.738
(2) I say to myself "this isn't real".			0.883
(3) I pretend that this hasn't really happened to me.			0.899
(4) I refuse to believe that this happened to me.			0.828
Acceptance	0.772	13.903	
(1) I accept the reality of the fact that this has happened to me.			0.816
(2) I learn to live with the situation.			0.691
(3) I get used to the idea that this has happened to me.			0.801
(4) I accept that this has happened to me and that it can't be changed.			0.698
Problem-focused coping	0.825	22.749	
(1) I concentrate my efforts on doing something about my situation.			0.824
(2) I take action to try to make my situation better.			0.832
(3) I try to come up with a strategy about what to do in my situation.			0.810
(4) I think hard about what steps to take in my situation.			0.718

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**5S-Table 2.** Inclusion numbers per Hospital

	Number of included hospitals	Number of included patients
Belgium	2	
BE01		80
BE02		55
Denmark	1	
DK01		68
Italy	2	
IT01		71
IT02		68
Netherlands	3	
NL01		82
NL02		68
NL03		18
Slovenia	1	
SL01		25
United Kingdom	2	
UK01		74
UK02		66

6 **S-Table 3.** Bivariate Multilevel Analysis of the Association between Sociodemographic Characteristics, Clinical  
 7 Characteristics and Country of Residence, and Coping Strategies (online only)

Sociodemographic Characteristic	$\beta$	Denial (n=655)		$p$	$\beta$	Acceptance (n=659)		$p$	$\beta$	Problem-focused (n=643)		$p$
		95% CI				95% CI				95% CI		
Age in years	.051	.026, .076	<.001*		-.003	-.024, .019	.807		-.031	-.053, -.008	.007*	
Years of education	-.063	-.117, -.010	.021*		.061	.015, .108	.010*		.048	-.001, .097	.057*	
Gender			.845				.434				.024*	
Male	.049	-.440, .537			-.166	-.581, .250			-.499	-.934, -.065		
Female	Ref				Ref				Ref			
Living with a spouse			.503				.740				.548	
Yes	-.188	-.738, .362			.080	-.395, .555			.153	-.346, .651		
No	Ref				Ref				Ref			
Having children			.011*				.462				.480	
Yes	.919	.207, 1.631			-.226	-.829, .377			-.230	-.868, .408		
No	Ref				Ref				Ref			
Religion			.344				.153*				.101*	
Prefers not to specify	-.265	-.993, .462			-.612	1.237, .014			-.493	1.145, .15		
Not religious	-.397	-.942, .148			-.203	-.671, .266			-.475	-.963, .012		
Religious	Ref				Ref				Ref			

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Clinical Characteristic

Diagnosis				.535			.092*		.822	
Lung cancer, stage III or IV	.153	-.331, .637			-.358	-.774, .060		-.050	-.488, .388	
Colorectal cancer, stage IV	Ref				Ref			Ref		
Years since diagnosis	.081	-.017, .180		-.106*	.081	-.004, .1660	.060*	.082	-.004, .168	.061*
Years since diagnosis of current stage	.078	-.095, .252		.374	.196	.048, .344	.009*	-.025	-.181, .131	.750
Current systemic treatment†				.751			.374			.484
Yes	.143	-.742, 1.028			.357	-.430, 1.143		-.289	-.521, 1.100	
No	Ref				Ref			Ref		
WHO performance status†				.245			.043*			.012*
3	-.233	-.2,422, 1.956			-.163	-.2,033, 1.708		-.1,659	-.3,724, .405	
2	.985	.015, 1.955			-.655	-.1,500, 1.900		-.924	-.1,797, -.052	
1	.149	-.376, .674			-.630	-.1,077, -1.834		-.699	-.1,173, -.225	
0	Ref				Ref			Ref		
Country of residence				<.001*			.098*			.044*
Netherlands	-.117	-.814, .580			-.945	-.2,126, .236		.878	-.549, 2.304	
Belgium	.428	-.307, 1.163			-.1,830	-.3,101, -.559		-.1,732	-.3,274, -.188	
Slovenia	1.240	-.068, 2.548			-.821	-	.228	.228	-.1,689, 2.145	
Italy	1.401	.670, 2.133			-.946	2.432, .789		.625	-.921, 2.171	
Denmark	1.487	.592, 1.487			-.152	2.217, .324		.449	-.1,445, .449	

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United Kingdom	Ref	2.383	Ref	1.404	Ref	2.342
8* $p < 0.20$ , and thus included in the final model.						
10 <sup>†</sup> Includes chemotherapy, immunotherapy, and targeted therapy.						
11 <sup>‡</sup> 0-Fully active, able to carry on all pre-disease performance without restriction, 1-Restricted in physically strenuous activity but						
12ambulatory and able to carry out work of a light or sedentary nature, e.g. light house work, office work, 2-Ambulatory and capable of all						
13selfcare but unable to carry out any work activities. Up and about more than 50% of waking hours, 3-Capable of only limited selfcare,						
14confined to bed or chair more than 50% of waking hours.						
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