

# T8 Sensitivity analysis for Mental SPH, interactions using different cut-off points for Human Development Index.

Mental Self-Perceived Health								
Females					Males			
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8
2nd quartile	0.52	0.52	0.53	0.55	0.89	0.88	0.89	0.88
[28;34[	[0.27; 1.03]	[0.27; 1.03]	[0.27; 1.05]	[0.28; 1.10]	[0.50; 1.56]	[0.50; 1.55]	[0.50; 1.57]	[0.50; 1.56]
3rd quartile	0.63	0.63	0.62	0.65	1.02	1.01	1.02	1.02
[34;44[	[0.34; 1.16]	[0.34; 1.16]	[0.34; 1.16]	[0.35; 1.20]	[0.58; 1.77]	[0.58; 1.75]	[0.58; 1.77]	[0.58; 1.77]
4th quartile	0.59	0.59	0.59	0.63	0.85	0.84	0.85	0.85
[44;85]	[0.32; 1.10]	[0.31; 1.09]	[0.32; 1.11]	[0.34; 1.19]	[0.47; 1.54]	[0.46; 1.53]	[0.47; 1.55]	[0.47; 1.55]
Switzerland	4.66	4.60	5.03	5.52	2.49	2.57	2.55	2.37
	[0.60; 36.39]	[0.59; 35.67]	[0.62; 40.67]	[0.66; 46.51]	[0.54; 11.59]	[0.55; 11.99]	[0.54; 12.00]	[0.49; 11.41]
Spain	0.77	0.78	0.84	0.98	2.74	2.89	2.81	2.55
	[0.22; 2.73]	[0.22; 2.77]	[0.23; 3.03]	[0.26; 3.68]	[0.77; 9.67]	[0.81; 10.36]	[0.77; 10.23]	[0.68; 9.56]
Turkey	0.08*	0.08*	0.09*	0.10*	0.10*	0.11*	0.11*	0.10*
	[0.02; 0.39]	[0.02; 0.39]	[0.02; 0.42]	[0.02; 0.48]	[0.02; 0.50]	[0.02; 0.51]	[0.02; 0.52]	[0.02; 0.49]
United Kingdom	0.31	0.31	0.33	0.36	0.89	0.92	0.90	0.85
	[0.08; 1.25]	[0.08; 1.24]	[0.08; 1.32]	[0.09; 1.50]	[0.20; 3.95]	[0.21; 4.12]	[0.20; 4.05]	[0.19; 3.90]
Africa	2.29	2.40	2.71	2.26	0.91	0.88	0.90	0.90
	[0.51; 10.27]	[0.53; 10.85]	[0.58; 12.67]	[0.53; 9.66]	[0.36; 2.30]	[0.35; 2.25]	[0.36; 2.21]	[0.37; 2.23]
America	2.76	2.92	2.43	2.43	0.47	0.45	0.48	0.52
	[0.53; 14.31]	[0.56; 15.29]	[0.45; 13.27]	[0.45; 12.97]	[0.14; 1.63]	[0.13; 1.58]	[0.12; 1.88]	[0.14; 1.99]
Asia	3.98	4.34	3.81	3.62	1.73	1.72	1.77	1.75
	[0.85; 1.03]	[0.91; 1.03]	[0.80; 1.05]	[0.80; 1.10]	[0.72; 1.56]	[0.71; 1.55]	[0.71; 1.57]	[0.73; 1.56]

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Europe	18.57]	20.69]	18.13]	16.30]	4.18]	4.16]	4.40]	4.16]
	2.51	2.60	2.16	1.84	0.91	0.90	0.94	1.02
	[0.49;	[0.50;	[0.40;	[0.31;	[0.25;	[0.25;	[0.23;	[0.24;
	12.93]	13.50]	11.74]	10.79]	3.33]	3.29]	3.84]	4.30]
	3.47	3.73	3.09	3.07	0.99	0.96	1.01	1.04
Maghreb	[0.61;	[0.65;	[0.51;	[0.55;	[0.33;	[0.32;	[0.29;	[0.34;
	19.67]	21.45]	18.61]	17.12]	3.00]	2.92]	3.50]	3.21]
	0.78	0.79	0.77	0.80	0.70	0.71	0.71	0.71
Undocumented	[0.49;	[0.49;	[0.48;	[0.50;	[0.46;	[0.46;	[0.46;	[0.46;
	1.24]	1.26]	1.23]	1.28]	1.09]	1.09]	1.09]	1.09]
	0.75	0.76	0.76	0.78	0.54*	0.54*	0.54*	0.54*
Asylum Seeker	[0.45;	[0.45;	[0.46;	[0.47;	[0.32;	[0.32;	[0.32;	[0.32;
	1.25]	1.27]	1.27]	1.31]	0.91]	0.91]	0.91]	0.90]
	1.98*	1.97*	1.95*	2.00*	1.62*	1.61*	1.62*	1.63*
Stable Accommodation	[1.25;	[1.25;	[1.23;	[1.26;	[1.06;	[1.06;	[1.06;	[1.07;
	3.13]	3.11]	3.09]	3.18]	2.47]	2.46]	2.47]	2.49]
	1.20	1.20	1.23	1.24	0.44*	0.44*	0.44*	0.44*
Income satisfaction Enough	[0.67;	[0.67;	[0.68;	[0.69;	[0.20;	[0.20;	[0.20;	[0.20;
	2.17]	2.17]	2.22]	2.24]	0.96]	0.95]	0.96]	0.96]
	1.53	1.53	1.50	1.50	2.10*	2.12*	2.11*	2.11*
Job	[0.92;	[0.92;	[0.90;	[0.90;	[1.30;	[1.31;	[1.30;	[1.30;
	2.54]	2.54]	2.49]	2.50]	3.41]	3.45]	3.42]	3.42]
	1.78	1.77	1.82	1.83	1.63	1.63	1.63	1.63
Not Covered	[0.75;	[0.74;	[0.76;	[0.76;	[0.71;	[0.71;	[0.71;	[0.71;
	4.24]	4.23]	4.34]	4.36]	3.74]	3.76]	3.75]	3.75]
	0.90	1.29			1.02	1.38		
Effect of stays longer than 3 months <u>vs</u> stays shorter than 3 months <u>when</u> women are from poorer countries	[0.41;	[0.36;			[0.55;	[0.42;		
	1.97]	4.6]			1.88]	4.53]		
	0.73				0.75			
Effect of stays longer than 3 months vs stays	[0.39;	[0.34;	[0.38;	[0.48;	[0.41;	[0.33;	[0.39;	[0.38;
	1.38]	2.94]	1.93]	2]	1.36]	2.89]	1.61]	1.36]

Mental Self-Perceived Health								
	Females					Males		
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shorter than 3 months when women are from rich countries (HDI cut 0.5)		0.62				0.67		
Effect of wealthy origin vs poor origin HDI cut at 0.6		[0.29; 1.33]				[0.33; 1.34]		
Effect of stays longer than 3 months vs stays shorter than 3 months when women are from rich countries (HDI cut 0.6)			1.86				1.08	
			[0.47; 7.4]				[0.3; 3.9]	
Effect of wealthy origin vs poor origin HDI cut at 0.7			0.54				0.68	
			[0.2; 1.45]				[0.26; 1.84]	
Effect of stays longer than 3 months vs stays shorter than 3 months when women are from rich countries (HDI cut 0.7)				4.11				0.74
				[0.86; 19.58]				[0.17; 3.31]
				0.20				0.90
				[0.05; 0.84]				[0.23; 3.58]
AIC	610.54	612.02	611.83	608.45	698.89	700.55	700.82	700.71
BIC	702.09	707.93	707.75	704.36	796.52	802.83	803.10	802.99
Log Likelihood	-284.27	- 284.01	- 283.92	- 282.22	- 328.45	- 328.28	- 328.41	- 328.35

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Deviance	568.54	568.02	567.83	564.45	656.89	656.55	656.82	656.71
Num. obs.	578	578	578	578	772	772	772	772

\* 1 outside the confidence interval

Statistical models