

# Chapter 6 **Appendix**

**Table A1: Model curvature test for SDG Index on SWB**

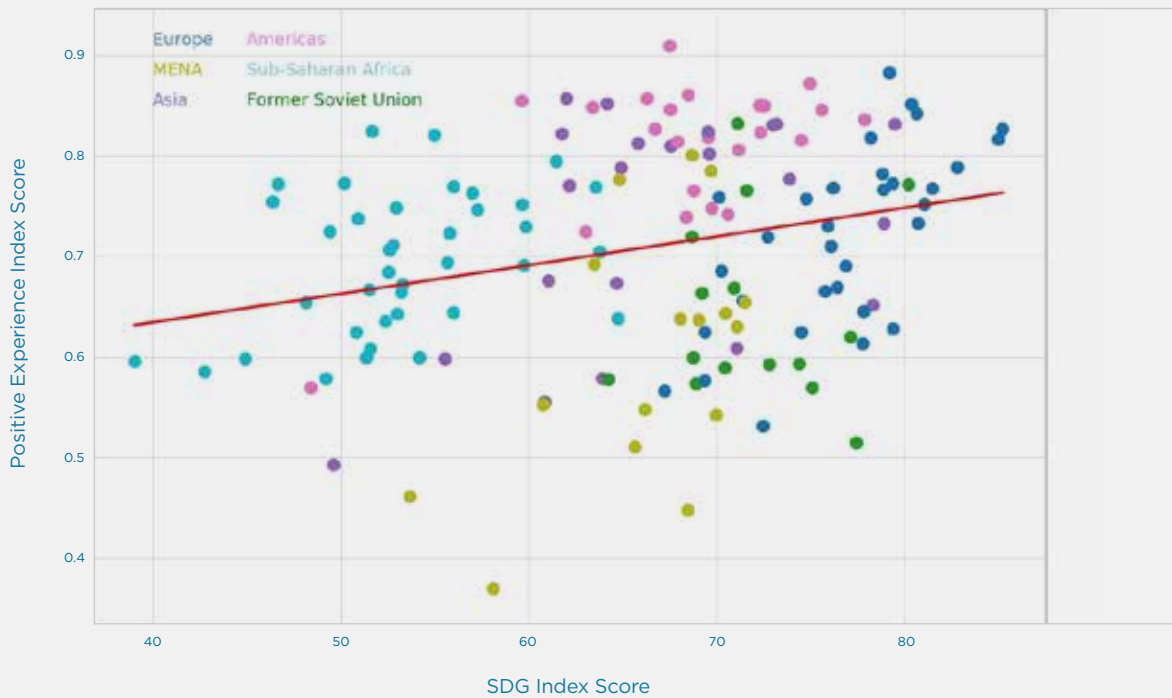
	SWB	SWB
<b>SDG Index</b>	0.7865*** (15.44)	-0.8926 (-1.53)
<b>(SDG Index)<sup>2</sup></b>	—	1.6852*** (2.90)
<b>Adjusted R<sup>2</sup></b>	0.616	0.634
<b>N</b>	149	149

Note: \*\*\* means significant at the 1% level and t-statistics are given in parentheses

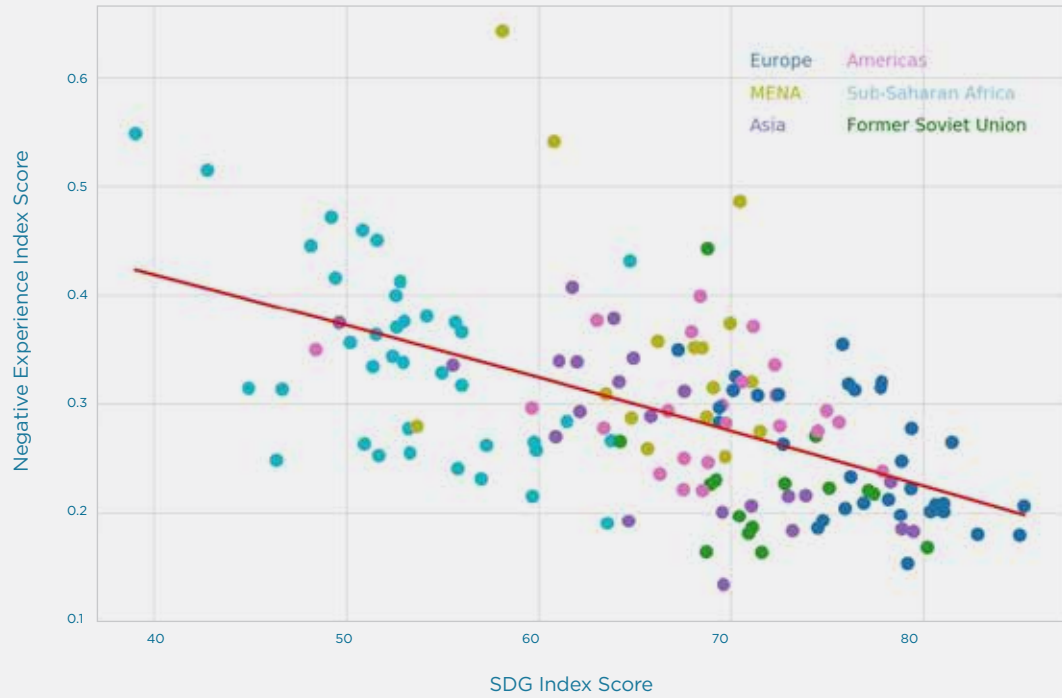
**Table A2: Model fit for SDG Index on SWB by power**

Model fit by power	Akaike information criterion (AIC) score	Bayesian information criterion (BIC) score
<b>Linear</b>	313.4523	319.4602
<b>quadratic</b>	307.1310	316.1428
<b>3d power</b>	309.1064	321.1221
<b>4th power</b>	311.0866	326.1063

**Figure A1: Sustainable development and positive affect**



**Figure A2: Sustainable development and negative affect**



**Table A3: Correlation table for development indicators**

Indices Correlation								
	SWB	IEF	HDI	GPI17	GCI	EPI	GDPC	SDGI
SWB	—	—	—	—	—	—	—	—
IEF	0.65	—	—	—	—	—	—	—
HDI	0.81	0.68	—	—	—	—	—	—
GPI <sup>1</sup>	0.53	0.56	0.53	—	—	—	—	—
GCI	0.81	0.81	0.92	0.53	—	—	—	—
EPI	0.79	0.61	0.86	0.52	0.82	—	—	—
GDPC	0.71	0.69	0.77	0.47	0.80	0.71	—	—
SDGI	0.79	0.60	0.92	0.55	0.87	0.83	0.61	—

**Table A4: Pathways model correlation matrix**

	<b>SDG (4,8, 9)</b>	<b>SDG (1, 5, 10)</b>	<b>SDG 16</b>	<b>SDG (2, 6-7, 11-15)</b>	<b>SDG 3</b>
<b>SDG (4,8, 9)</b>	—				
<b>SDG (1, 5, 10)</b>	0.8106*	—			
<b>SDG 16</b>	0.7947*	0.7366*	—		
<b>SDG (2, 6-7, 11-15)</b>	0.6372*	0.5552*	0.4531*	—	
<b>SDG 3</b>	0.9073*	0.8518*	0.8005*	0.6219*	—
<b>Income Per Capita</b>	0.7254*	0.6265*	0.7154*	0.1716	0.6964*
<b>Social Support</b>	0.7741*	0.7218*	0.5873*	0.5616*	0.7422*
<b>Values (Generosity)</b>	-0.1416	-0.0712	-0.0613	-0.3313*	-0.2066
<b>Freedom to Make Life Choices</b>	0.4662*	0.3284*	0.3895*	0.2870*	0.3481*
<b>Trust in Government<sup>2</sup></b>	0.3760*	0.3389*	0.4761*	0.0582	0.3103*
<b>Healthy Life Expectancy</b>	0.8966*	0.8312*	0.7776*	0.6261*	0.9685*
<b>SWB</b>	0.8089*	0.7226*	0.6865*	0.5156*	0.7741*

\* represents statistical significance at the 1% level

	Income Per Capita	Social Support	Values (Generosity)	Freedom to Make Life Choices	Trust in Government <sup>2</sup>	Healthy Life Expectancy	SWB
	—						
	0.6041*	—					
	-0.0507	-0.1418	—				
	0.3718*	0.4501*	0.2652*	—			
	0.5825*	0.1877	0.2525*	0.4113*	—		
	0.6791*	0.7638*	-0.1849	0.3923*	0.3073*	—	
	0.7086*	0.7683*	-0.0471	0.5481*	0.3932*	0.7859*	—

### Endnotes

- 1 This correlation is technically negative as lower scores imply more peace.
- 2 This is technically a negative correlation because lower scores represent less perception of corruption in government.