

Statistical supplement to:

HAS MODERNIZATION GONE TOO FAR?

Modernity and happiness in 141 contemporary nations

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List of variables

Variable	Code in SPSS data file 'States of Nations 2010'
Dependent	
Happiness	HappinessLSBW1011_2000.09
Mood	HappinessYesterdaysABS_2006.08
Contentment	HappinessBW11Gallup_2006.09
Independent	
Industrialization	IndustrialShareGDP_2006
Size of service sector	ServiceShareGDP_2006
Free market economy	FreeEconIndex2_2007
Globalization	GlobalizationIndex2_2010
Affluence	RGDP_2005
Education	EducationIndex2_2000.04
Democracy	DemocracyIndex5_06
Urbanization	UrbanPopulation_2005
Control	
Affluence	RGDP_2005

Table 1
Correlations between modernity and 'overall' happiness in 141 nations

<i>Variable</i>	<i>Correlation with happiness</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	+0.154 (N=141)	Linear: 0.024 Quadratic: 0.065 b	+0.146
Size of service sector	+0.484 (N=141)	Linear: 0.234 Quadratic: 0.237 d	+0.157
Free market economy	+0.619 (N=136)	Linear: 0.383 Quadratic: 0.386 b	+0.222
Globalization	+0.698 (N=136)	Linear: 0.487 Quadratic: 0.489 b	+0.343
Affluence	+0.637 (N=137)	Linear: 0.406 Quadratic:0.449b	-
Education	+0.646 (N=139)	Linear: 0.417 Quadratic: 0.435 d	+0.654
Democracy	+0.610 (N=133)	Linear: 0.372 Quadratic:0.446d	+0.265
Urbanization	+0.622 (N=138)	Linear: 0.387 Quadratic: 0.388 d	+0.331

Table 2
Correlations between modernity and ‘overall’ happiness in 22 Western nations

<i>Variable</i>	<i>Correlation with happiness</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	+0.255 (N=21)	Linear: 0.065 Quadratic: 0.072 d	+0.340
Size of service sector	-0.232 (N=21)	Linear: 0.054 Quadratic: 0.068 d	-0.347
Free market economy	+0.655 (N=22)	Linear: 0.429 Quadratic: 0.468 b	+0.548
Globalization	+0.147 (N=22)	Linear: 0.022 Quadratic: 0.116 d	+0.150
Affluence	+0.530 (N=22)	Linear: 0.281 Quadratic:0.590b	-
Education	+0.252 (N=22)	Linear: 0.063 Quadratic:0.179d	+0.558
Democracy	+0.746 (N=22)	Linear: 0.556 Quadratic: 0.582 b	+0.710
Urbanization	+0.461 (N=22)	Linear: 0.212 Quadratic: 0.254 b	+0.383

Table 3
Correlations between modernity and mood in 141 nations

<i>Variable</i>	<i>Correlation with mood</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	-0.012 (N=134)	Linear: 0.000 Quadratic: 0.026 b	-0.091
Size of service sector	+0.228 (N=134)	Linear: 0.052 Quadratic: 0.052 d	+0.031
Free market economy	+0.306 (N=129)	Linear: 0.093 Quadratic: 0.098 d	+0.116
Globalization	+0.240 (N=130)	Linear: 0.058 Quadratic: 0.073 d	-0.018
Affluence	+0.302 (N=130)	Linear: 0.091 Quadratic: 0.119 d	-
Education	+0.170 (N=132)	Linear: 0.029 Quadratic: 0.035 d	-0.046
Democracy	+0.355 (N=131)	Linear: 0.126 Quadratic: 0.162 d	+0.212
Urbanization	+0.141 (N=131)	Linear: 0.020 Quadratic: 0.041 d	-0.055

Table 4
Correlations between modernity and mood in 22 Western nations

<i>Variable</i>	<i>Correlation with mood</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	+0.349 (N=19)	Linear: 0.122 Quadratic: 0.165 d	+0.101
Size of service sector	-0.326 (N=19)	Linear: 0.107 Quadratic: 0.174d	-0.134
Free market economy	+0.667 (N=20)	Linear: 0.444 Quadratic: 0.479 b	+0.507
Globalization	+0.371 (N=20)	Linear: 0.138 Quadratic: 0.138 b	+0.354
Affluence	+0.667 (N=20)	Linear: 0.445 Quadratic: 0.468 b	-
Education	+0.536 (N=20)	Linear: 0.287 Quadratic: 0.287 b	+0.551
Democracy	+0.779 (N=20)	Linear: 0.607 Quadratic: 0.628 b	+0.768
Urbanization	+0.303 (N=20)	Linear: 0.092 Quadratic: 0.129 b	+0.177

Table 5
Correlations between modernity and contentment in 141 nations

<i>Variable</i>	<i>Correlation with contentment</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	+0.149 (N=135)	Linear: 0.022 Quadratic: 0.068 b	+0.138
Size of service sector	+0.560 (N=135)	Linear: 0.314 Quadratic: 0.319 d	+0.125
Free market economy	+0.667 (N=130)	Linear: 0.445 Quadratic: 0.448 d	+0.104
Globalization	+0.742 (N=130)	Linear: 0.551 Quadratic: 0.572 d	+0.201
Affluence	+0.821 (N=131)	Linear: 0.674 Quadratic: 0.695 b	-
Education	+0.654 (N=132)	Linear: 0.428 Quadratic: 0.474 d	+0.307
Democracy	+0.651 (N=131)	Linear: 0.423 Quadratic: 0.575d	+0.210
Urbanization	+0.674 (N=132)	Linear: 0.454 Quadratic: 0.463 d	+0.302

Table 6
Correlations between modernity and contentment in 22 Western nations

<i>Variable</i>	<i>Correlation with contentment</i>	<i>Explained variance – linear and quadratic associations</i>	<i>Control for affluence</i>
Industrialization	+0.206 (N=19)	Linear: 0.042 Quadratic: 0.056 d	-0.098
Size of service sector	-0.177 (N=19)	Linear: 0.031 Quadratic: 0.055 d	+0.071
Free market economy	+0.552 (N=20)	Linear: 0.305 Quadratic: 0.323 b	+0.336
Globalization	+0.273 (N=20)	Linear: 0.074 Quadratic: 0.075 b	+0.219
Affluence	+0.649 (N=20)	Linear: 0.421 Quadratic:0.633b	-
Education	+0.456 (N=20)	Linear: 0.208 Quadratic: 0.210 b	+0.438
Democracy	+0.613 (N=20)	Linear: 0.376 Quadratic: 0.376 b	+0.526
Urbanization	+0.459 (N=20)	Linear: 0.211 Quadratic:0.306b	+0.393

Figure 1
Industrialization and happiness

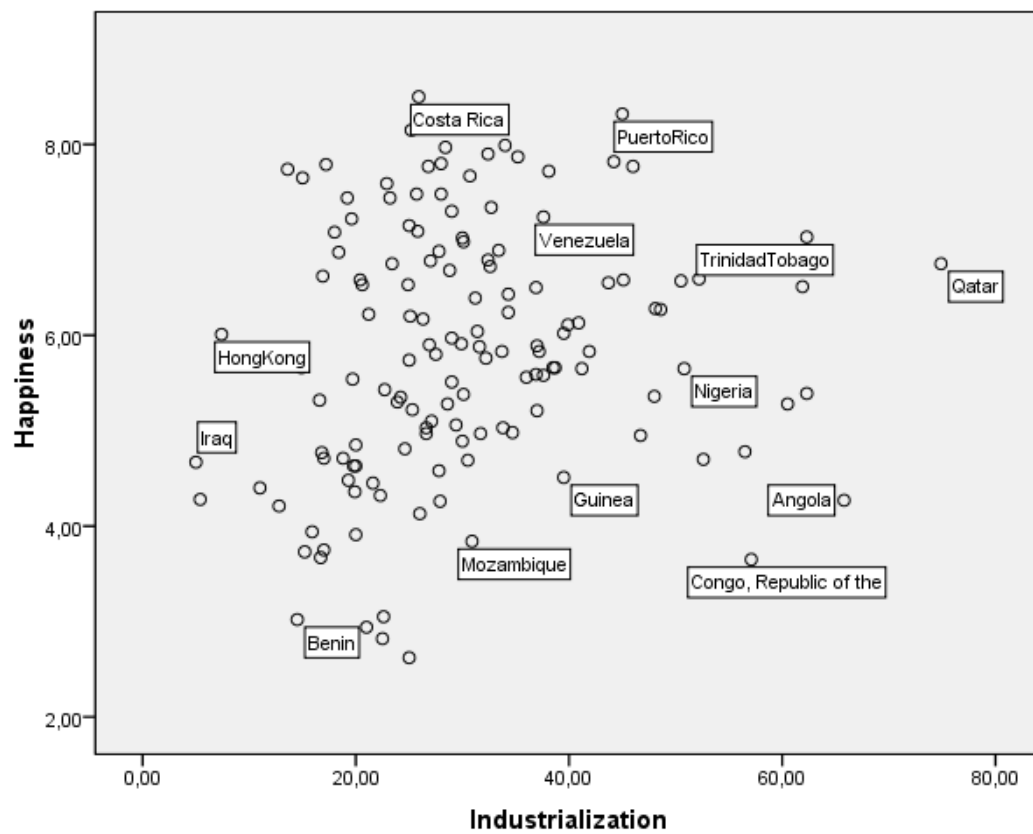


Figure 2
Size of service sector and happiness

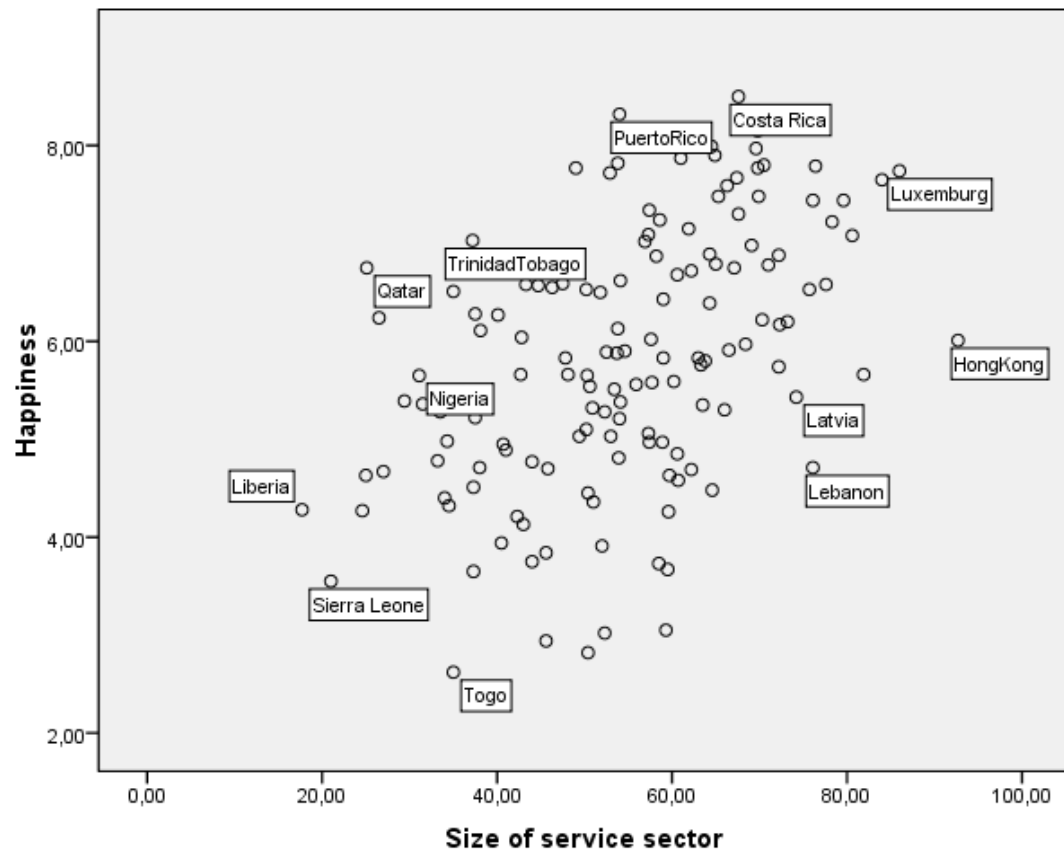


Figure 3
Free market economy and happiness

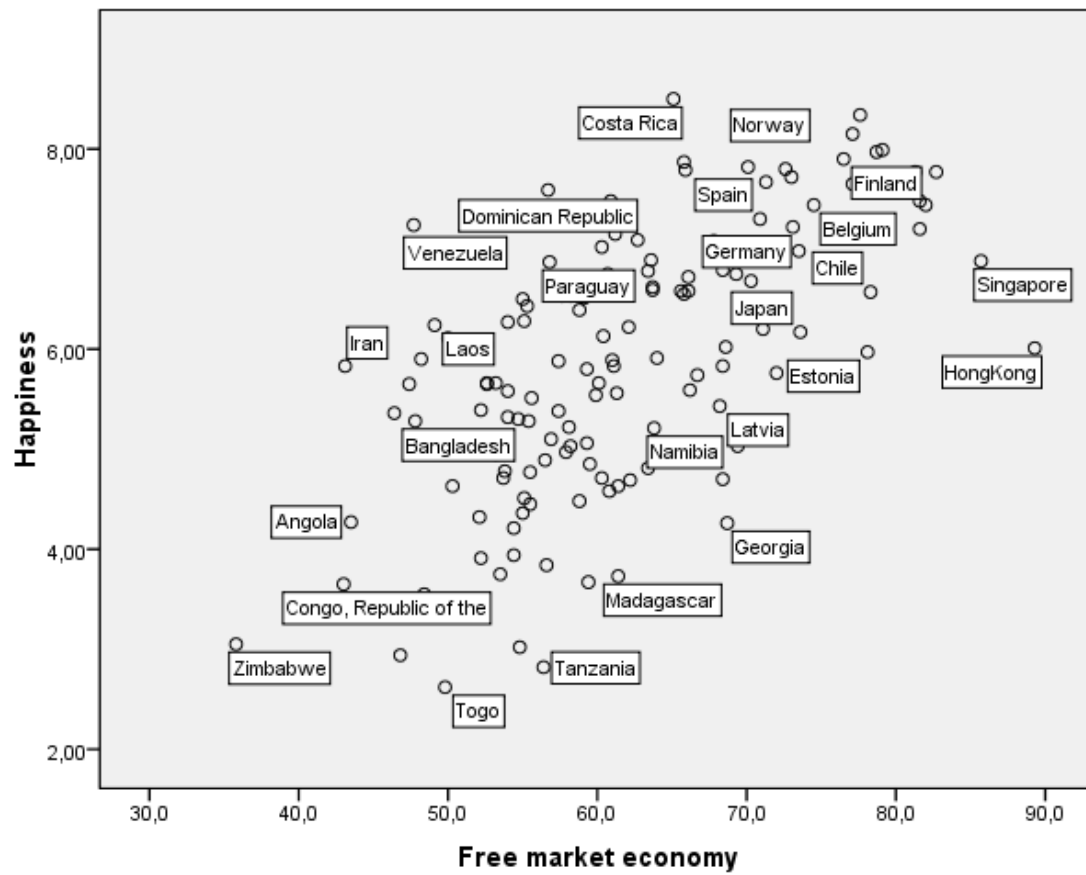


Figure 4
Globalization and happiness

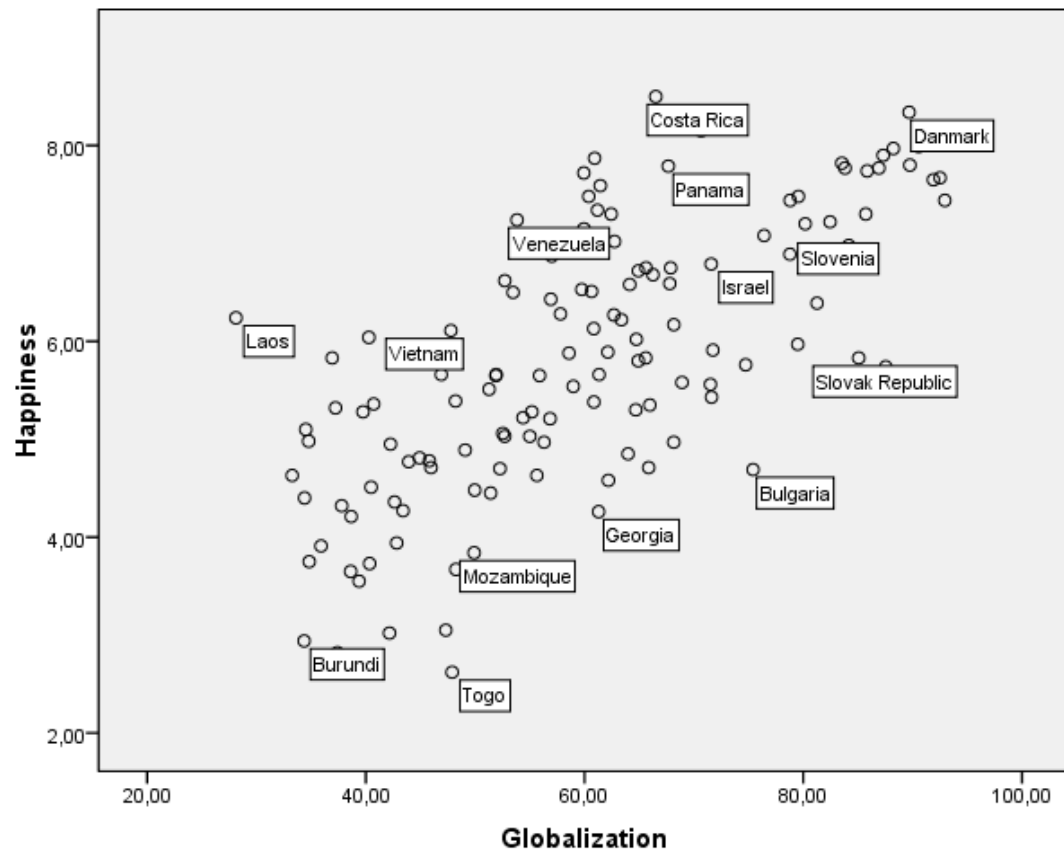


Figure 5
Affluence and happiness

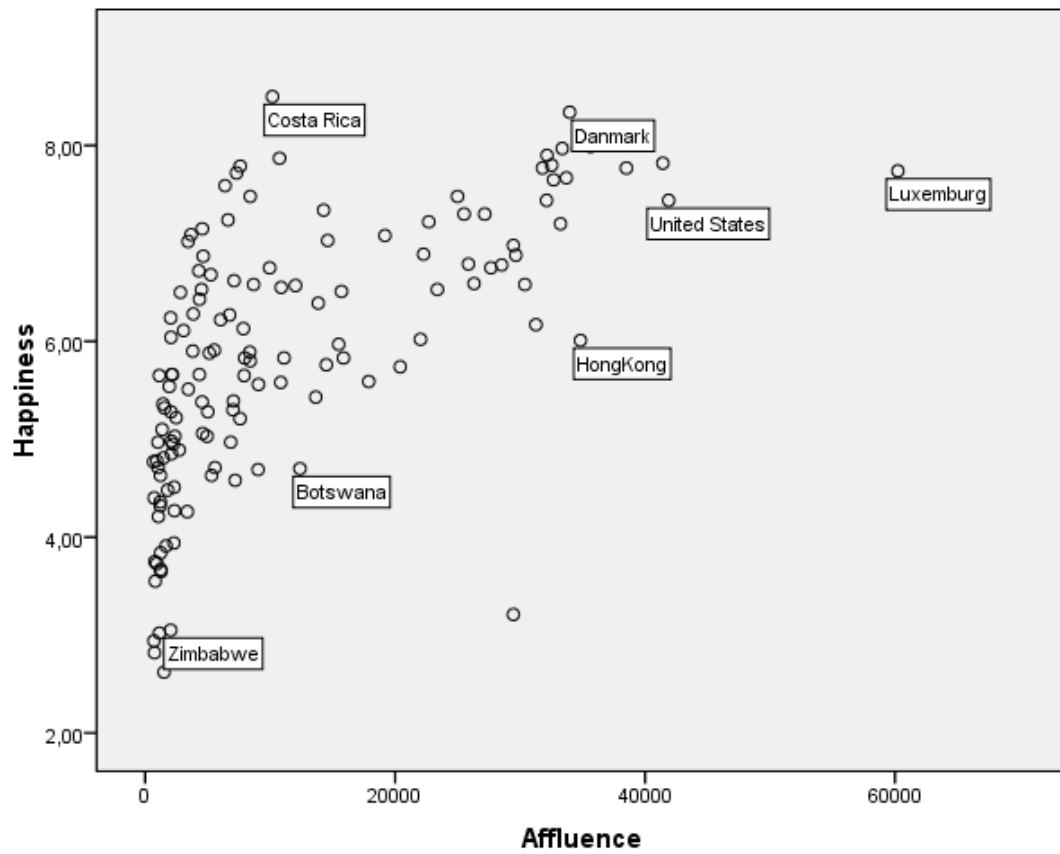


Figure 6
Education and happiness

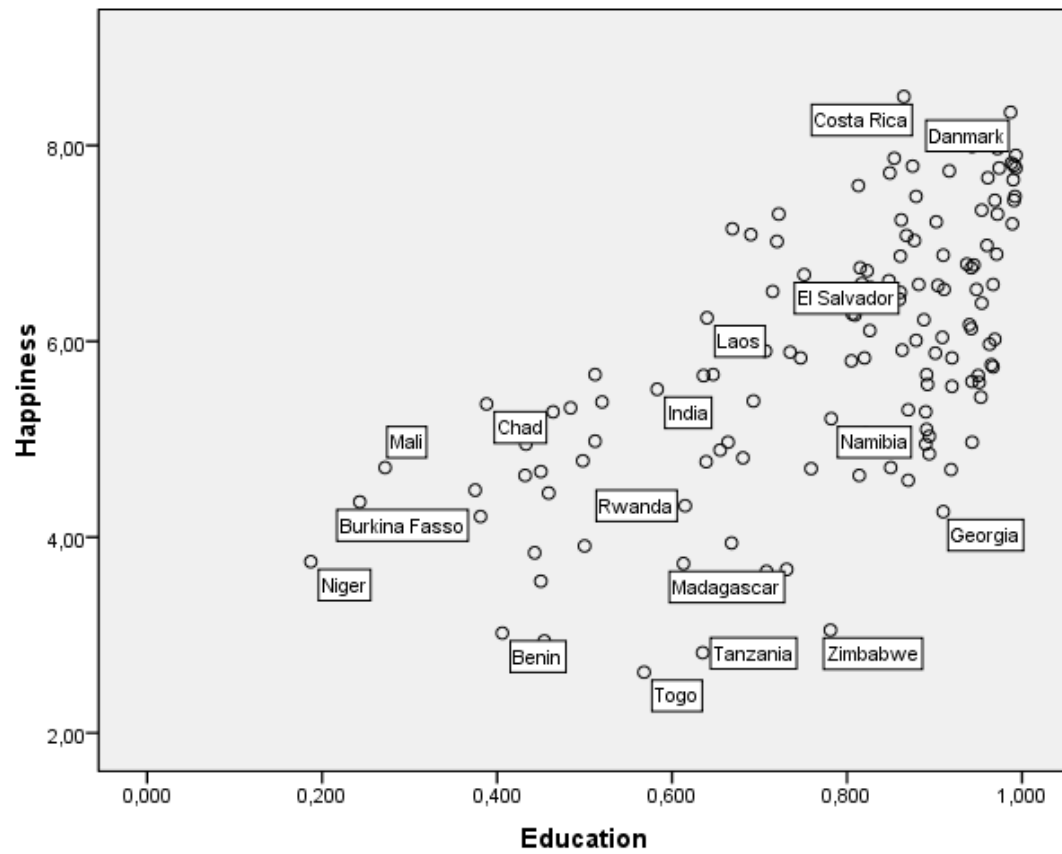


Figure 7
Democracy and happiness

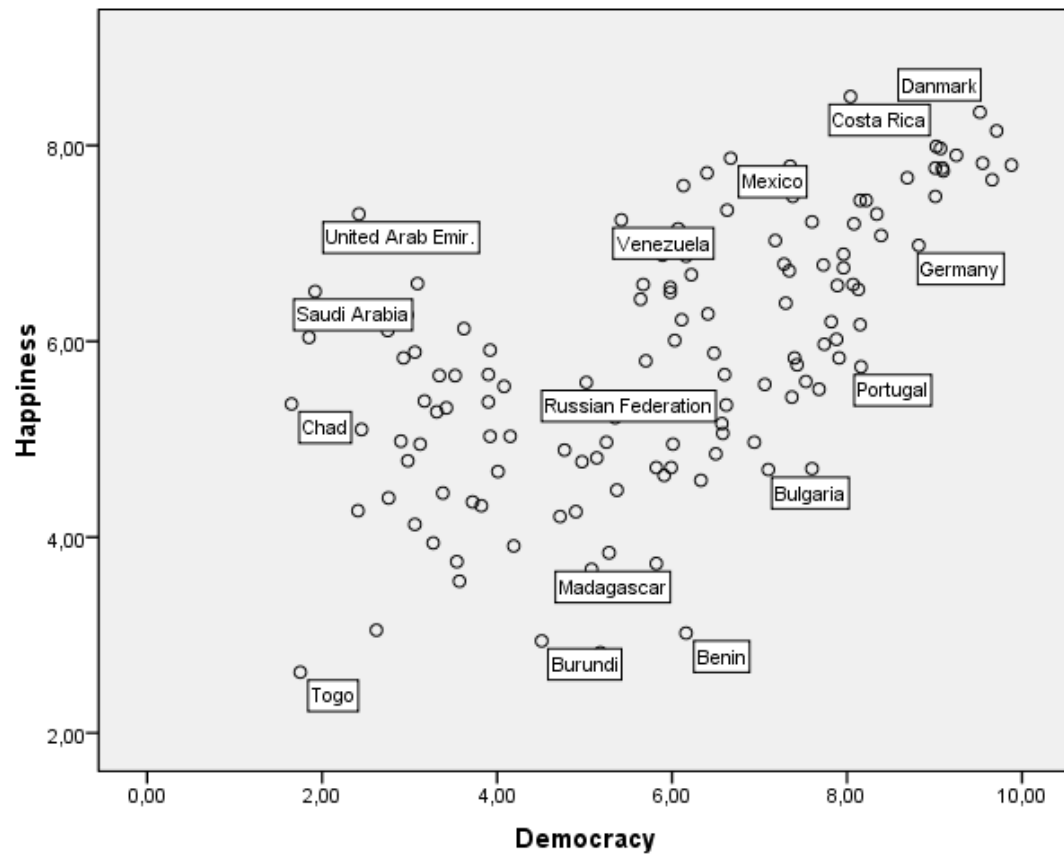


Figure 8
Urbanization and happiness

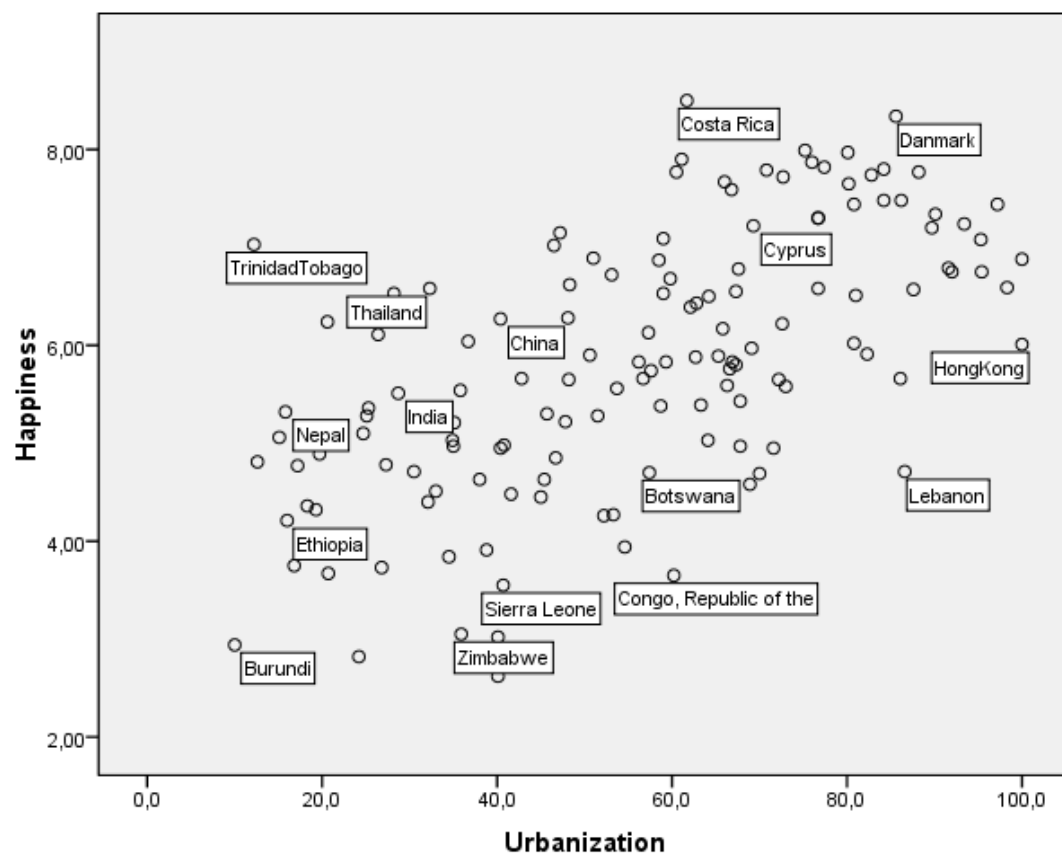


Figure 9
Industrialization and happiness after control for affluence

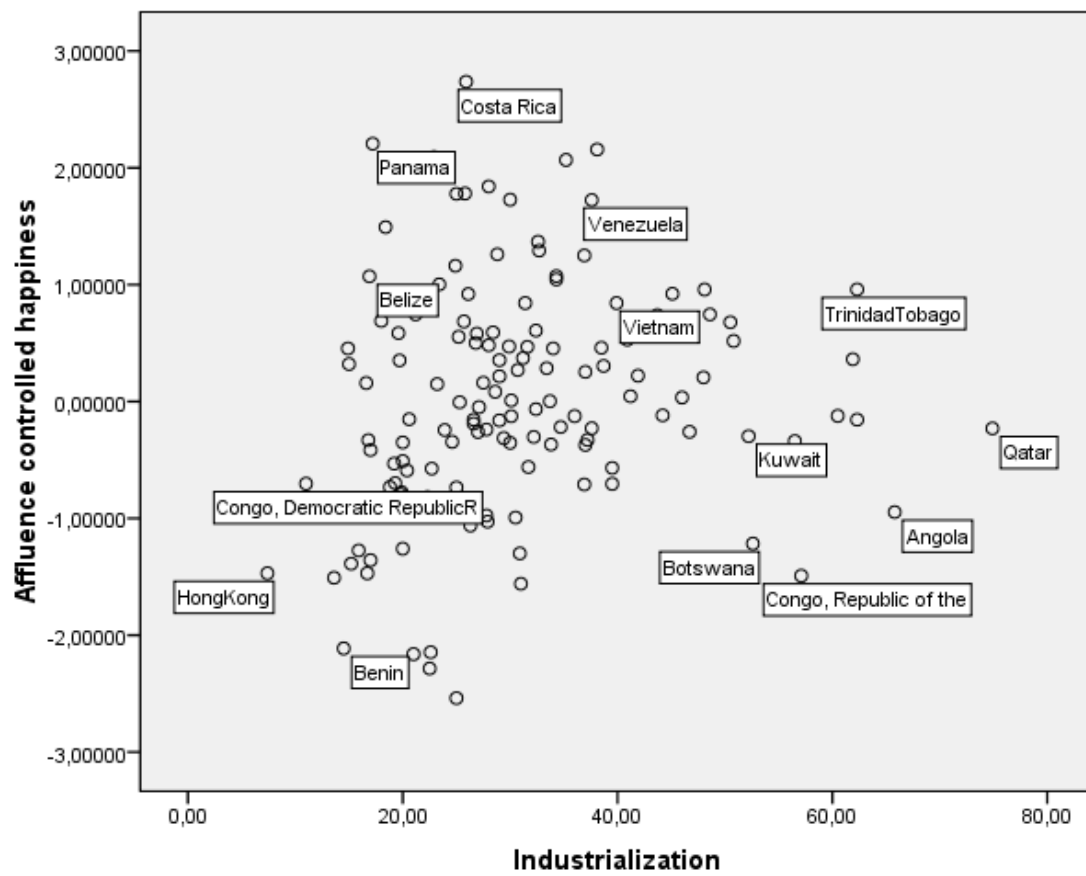


Figure 10:
Size of service sector and happiness after control for affluence

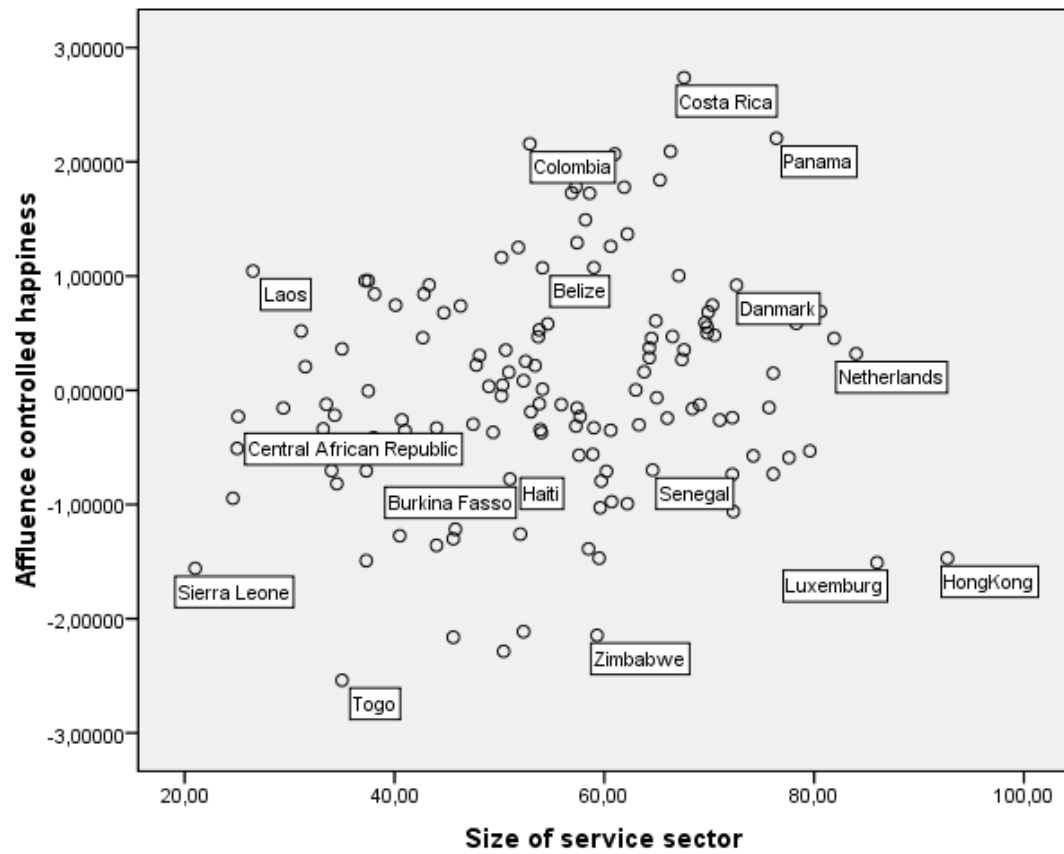


Figure 11
Free market economy and happiness after control for affluence

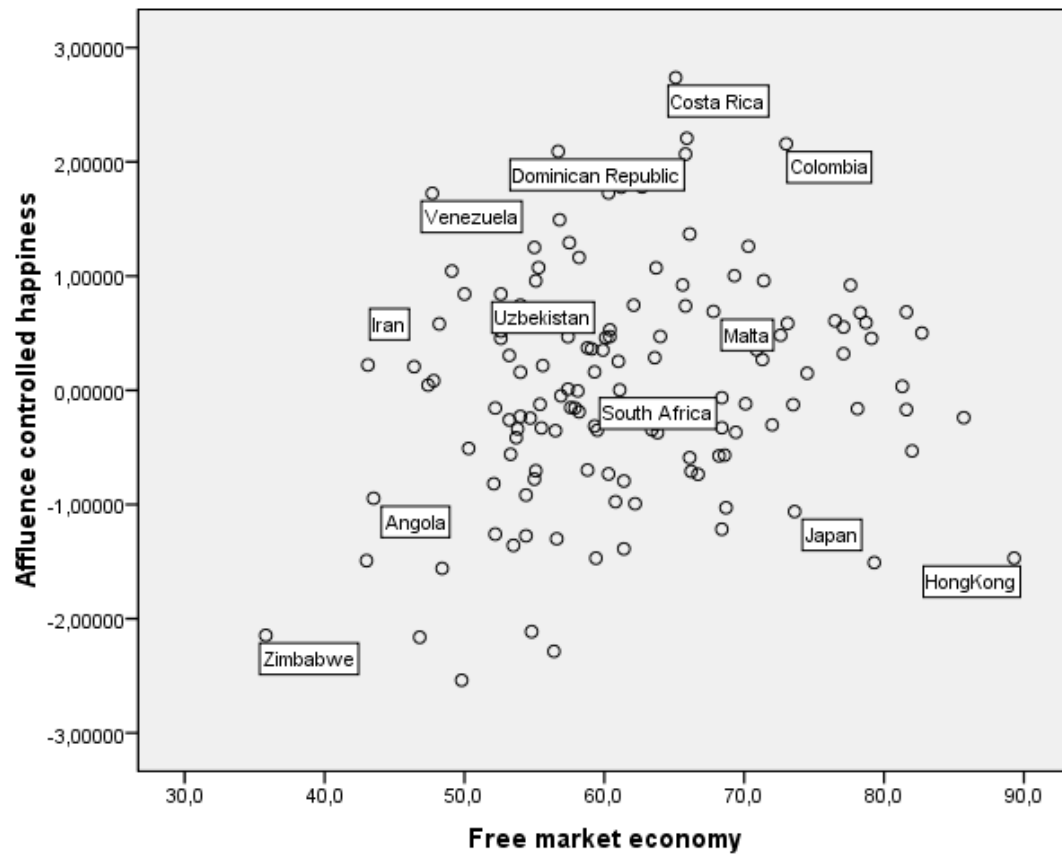


Figure 12
Globalization and happiness after control for affluence

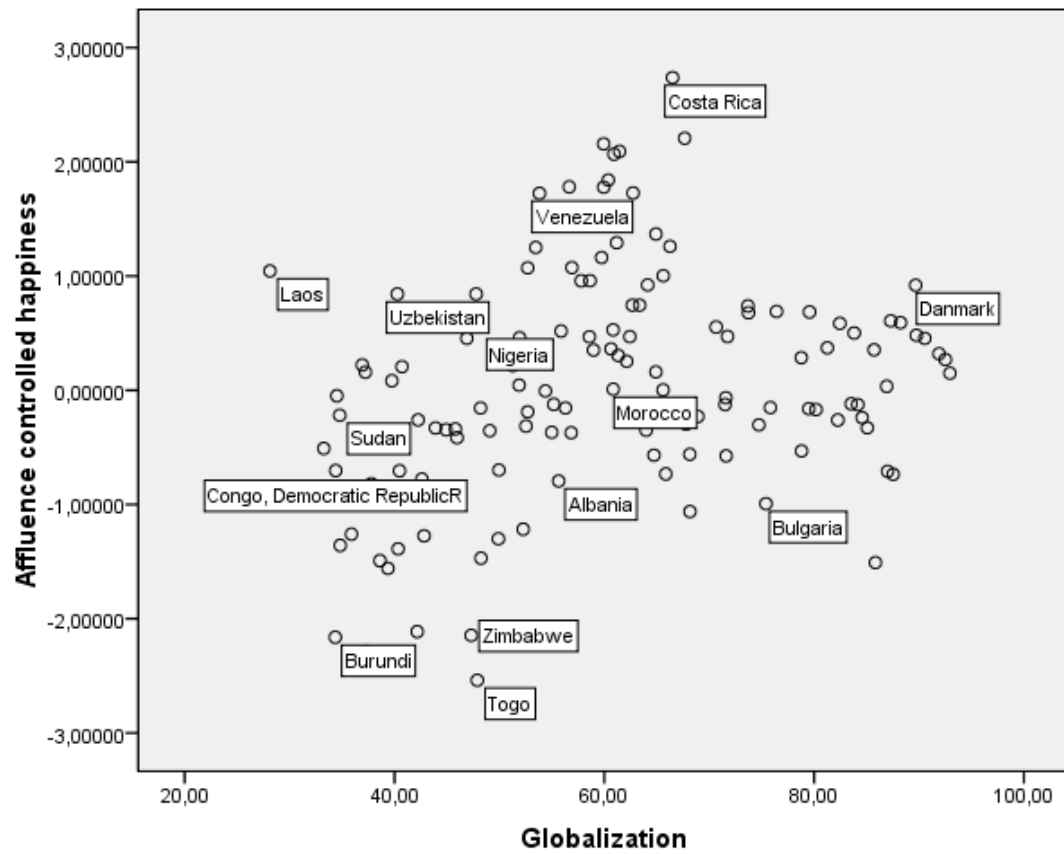


Figure 13
Education and happiness
after control for affluence

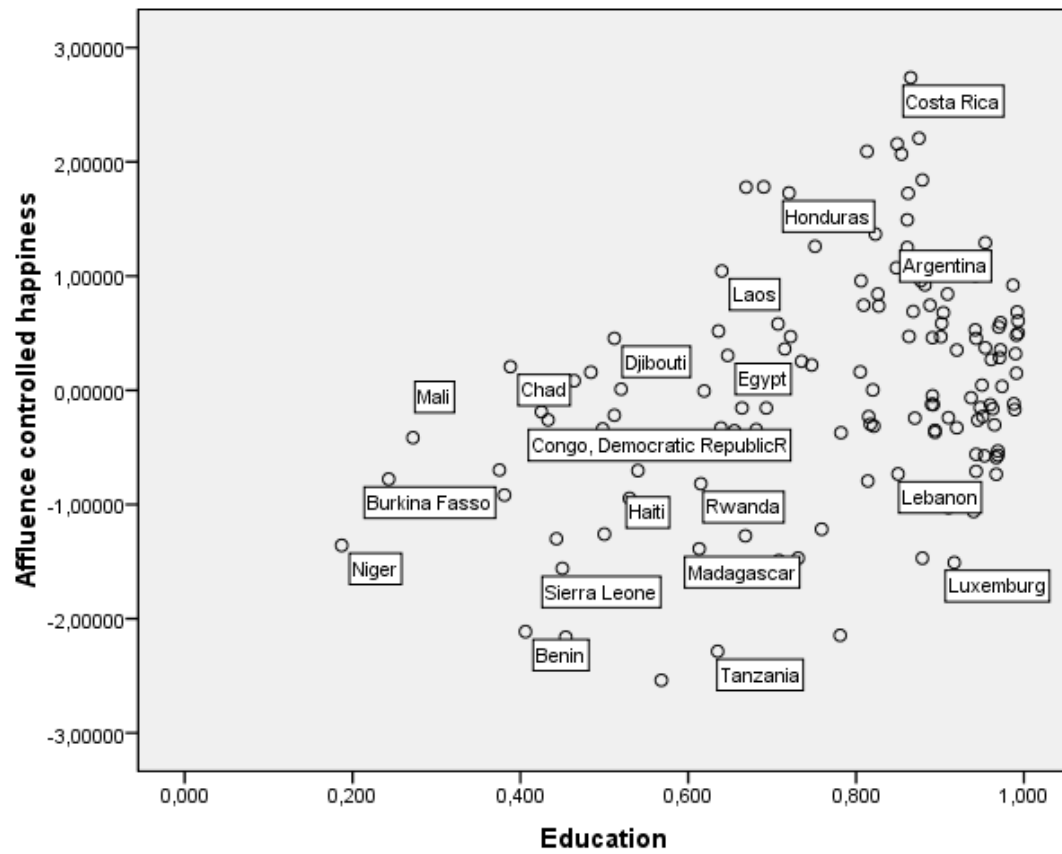


Figure 14
Democracy and happiness after control for affluence

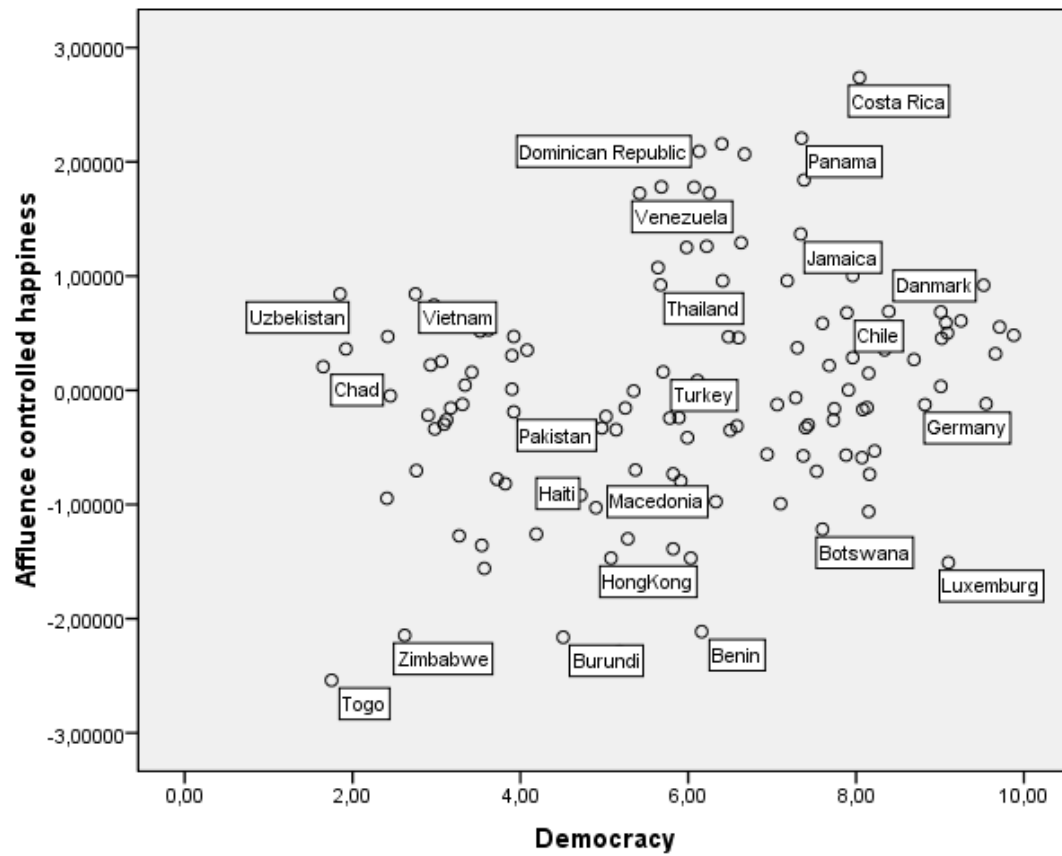


Figure 15
Urbanization and happiness after control for affluence

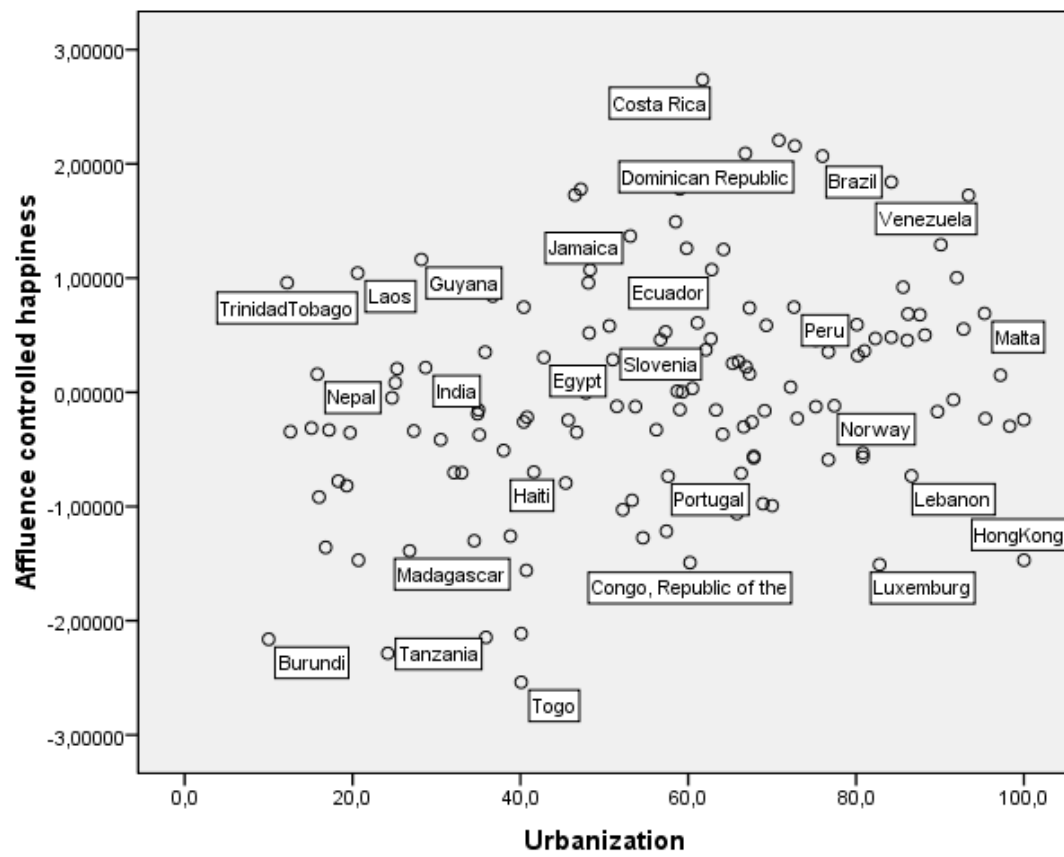


Figure 16
Industrialization and happiness in Western countries

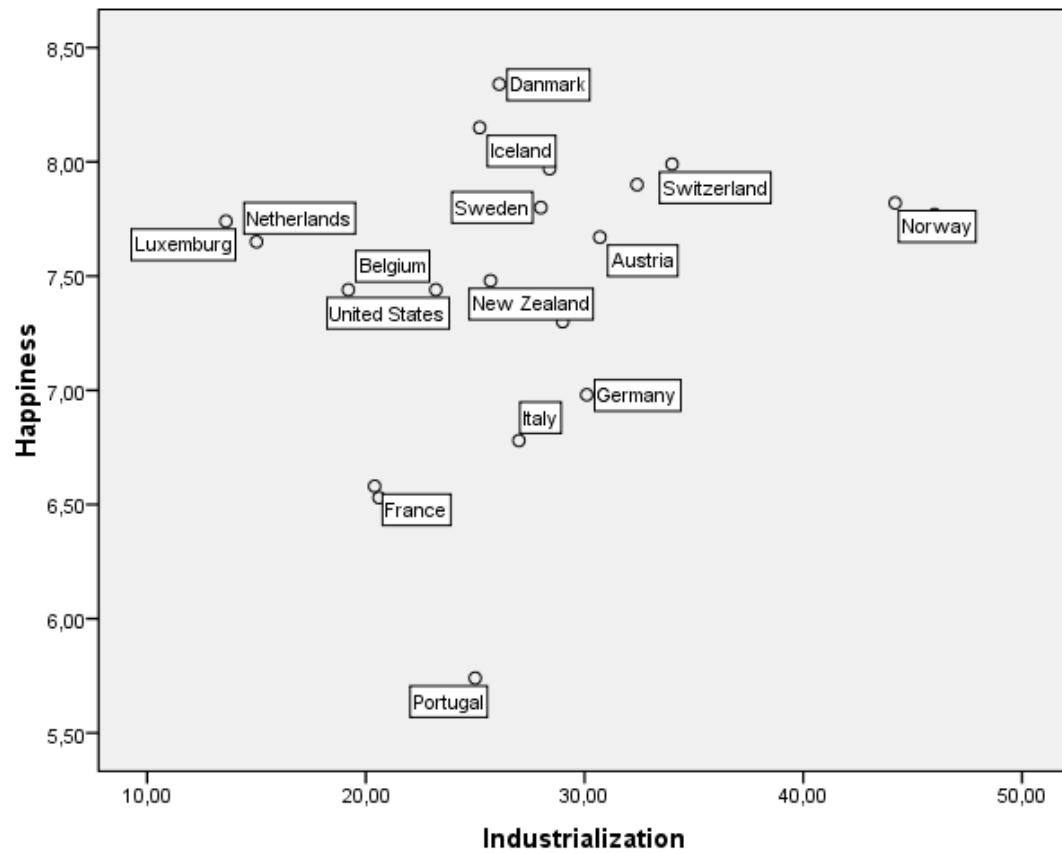


Figure 17
Size of service sector and happiness in Western countries

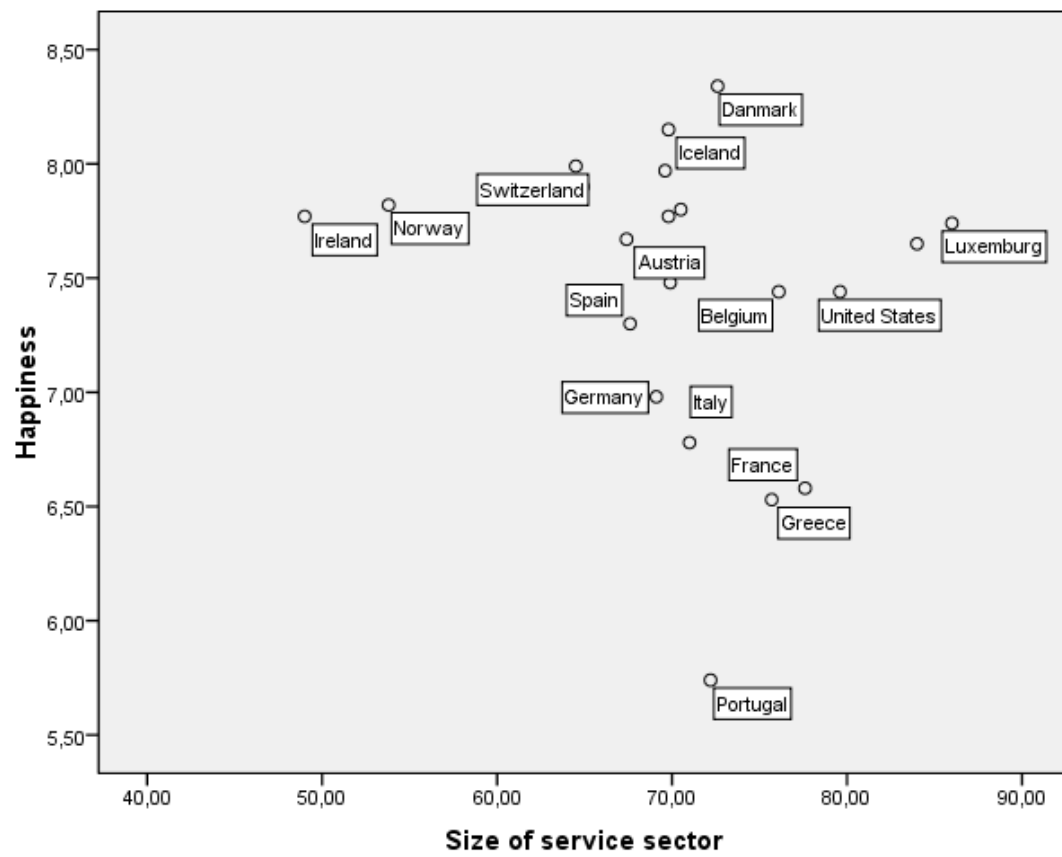


Figure 18
Free market economy and happiness in Western countries

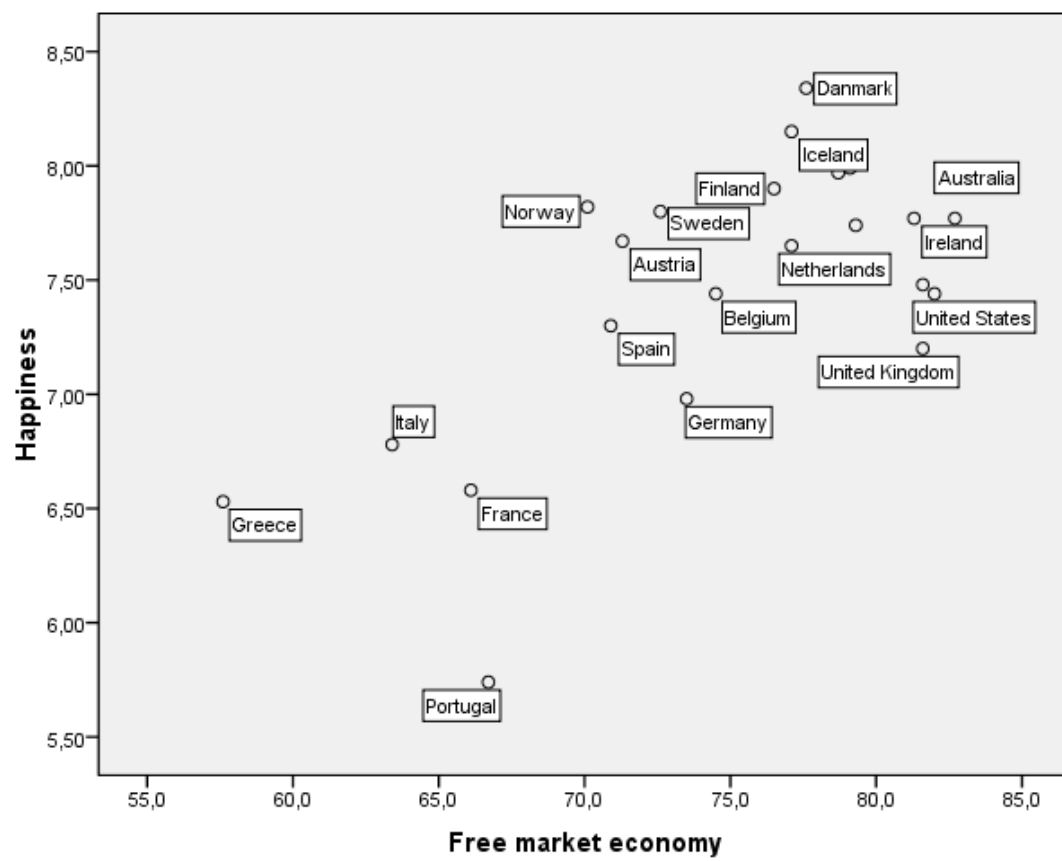


Figure 19
Globalization and happiness in Western countries

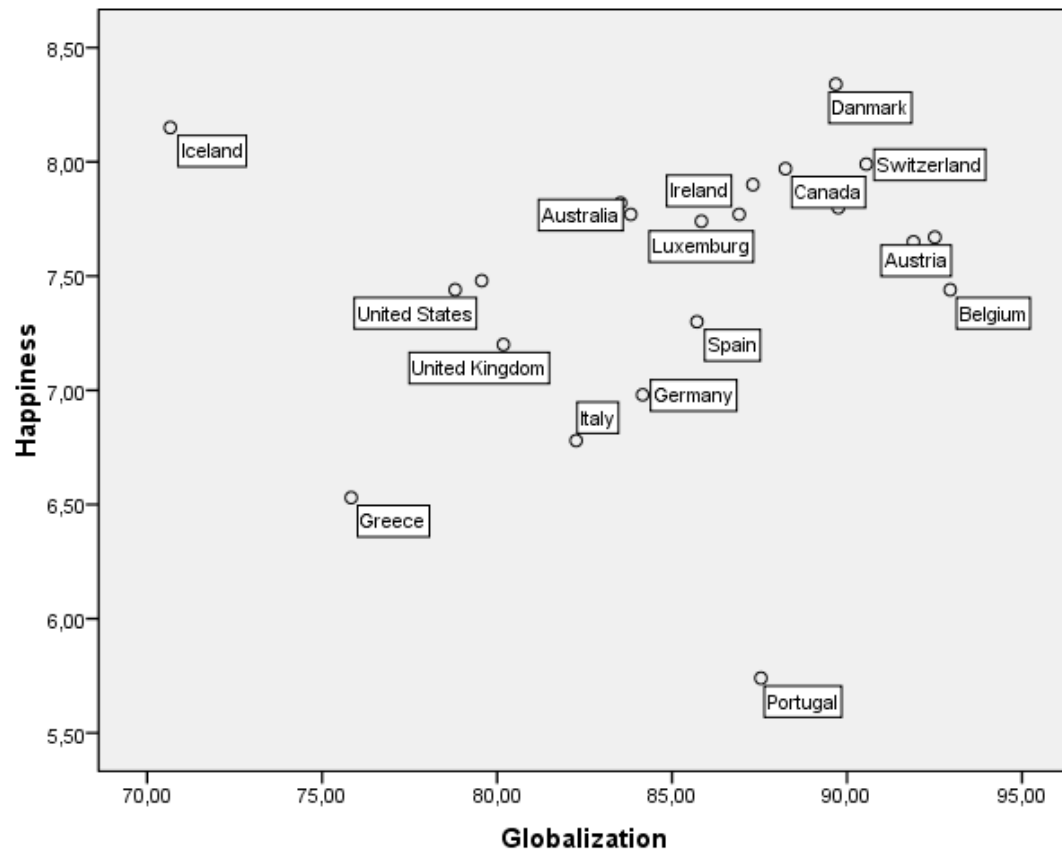


Figure 20
Affluence and happiness in Western countries

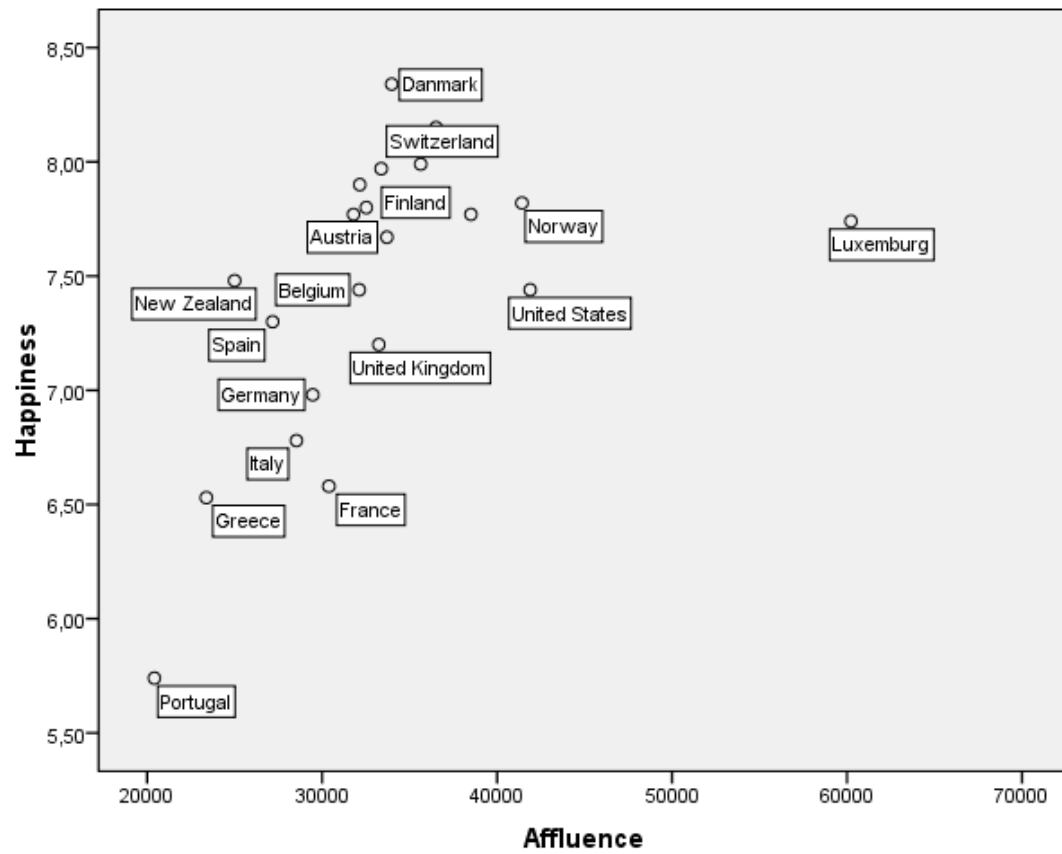


Figure 21
Education and happiness in Western countries

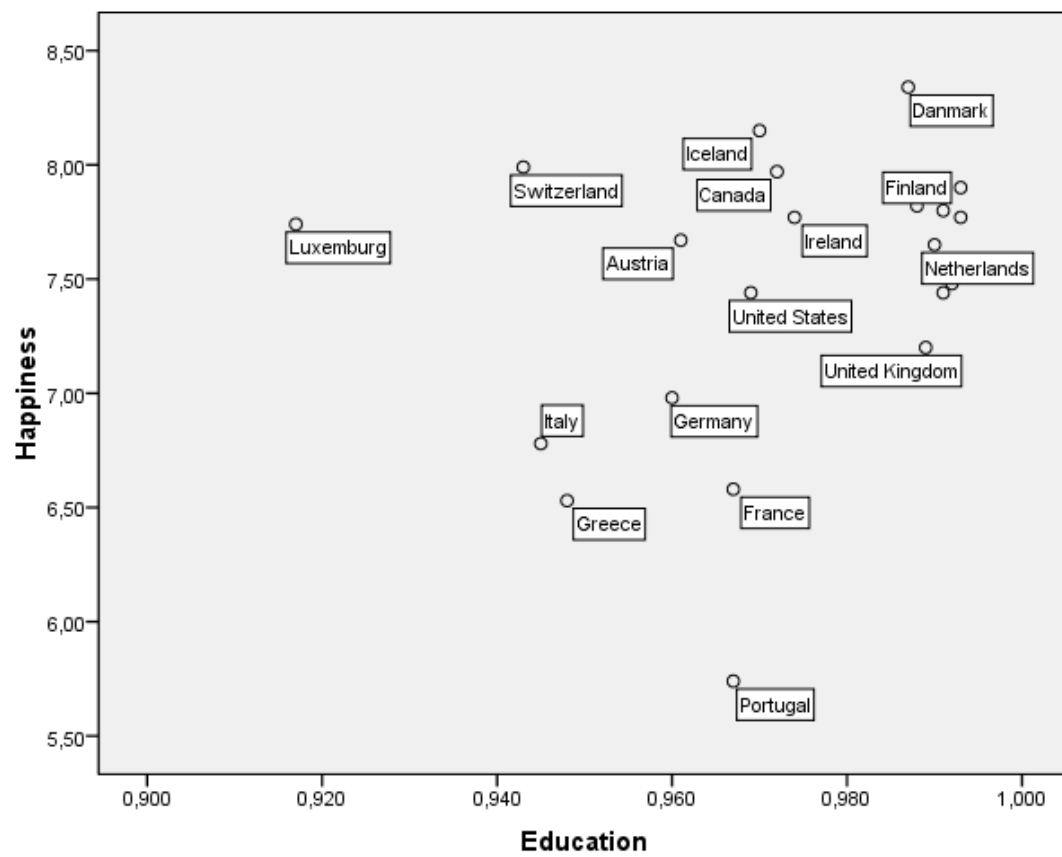


Figure 22
Democracy and happiness in Western countries

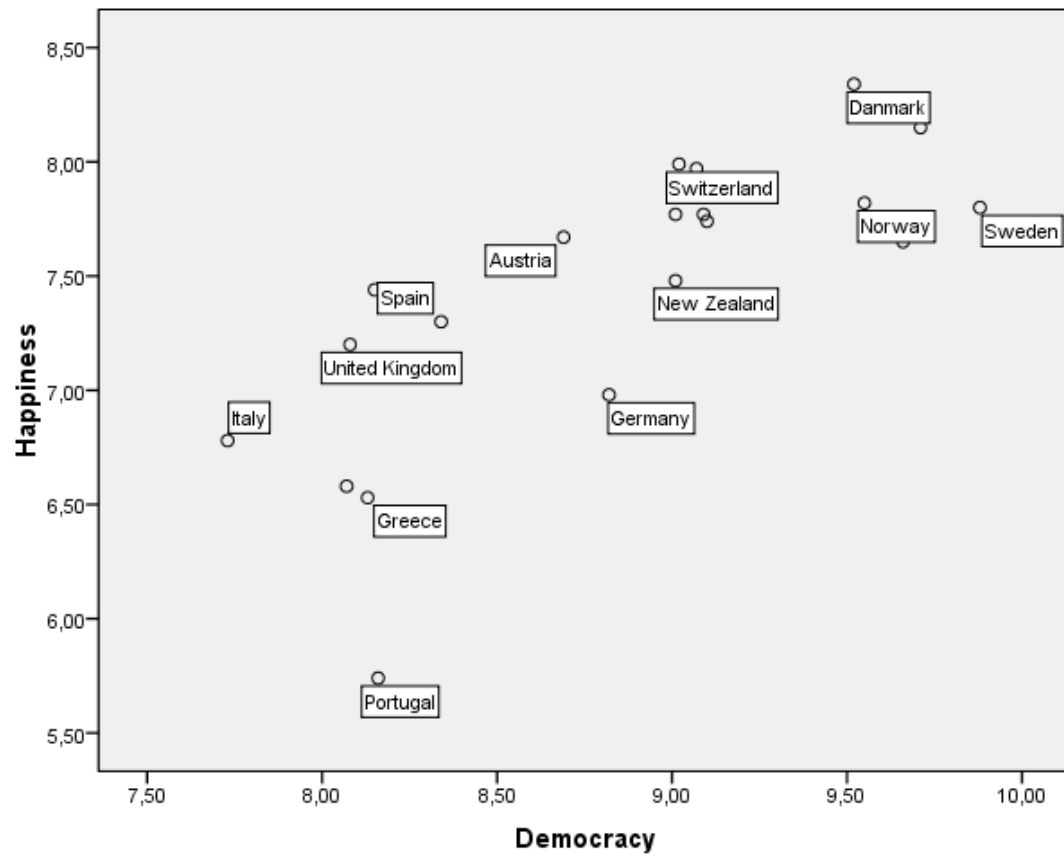


Figure 23
Urbanization and happiness in Western countries

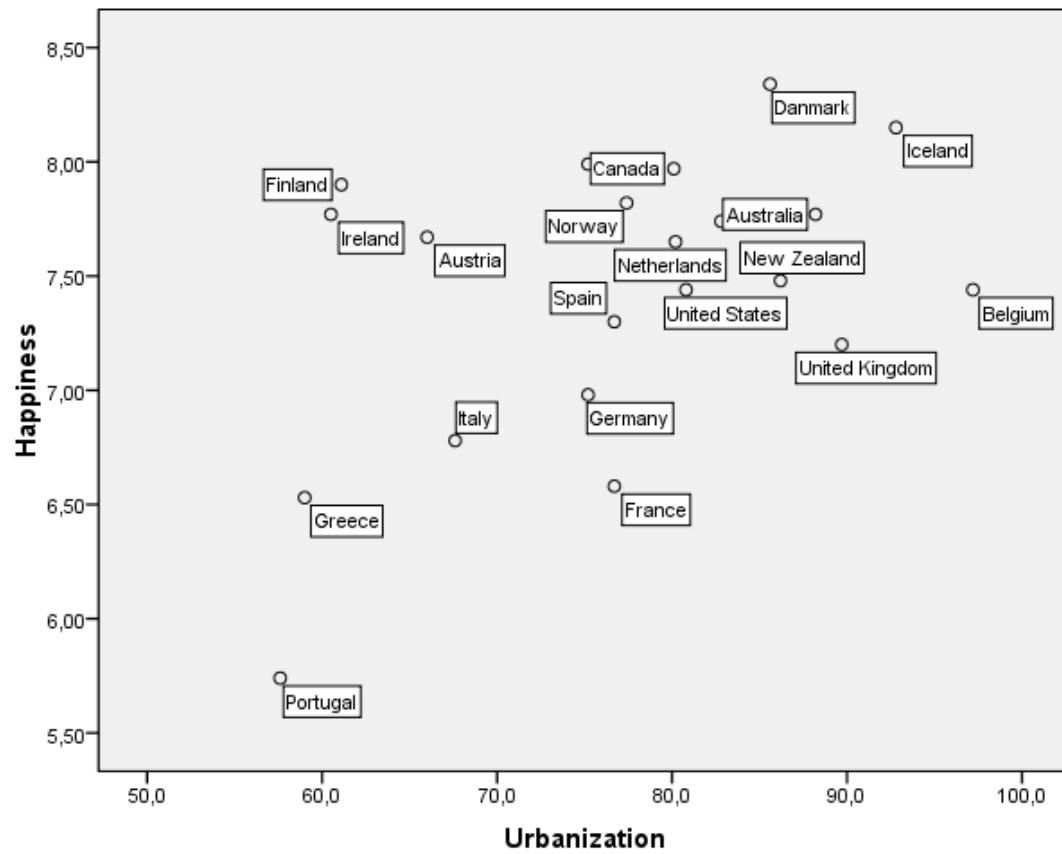


Figure 24
Industrialization and happiness
after control for affluence in Western countries

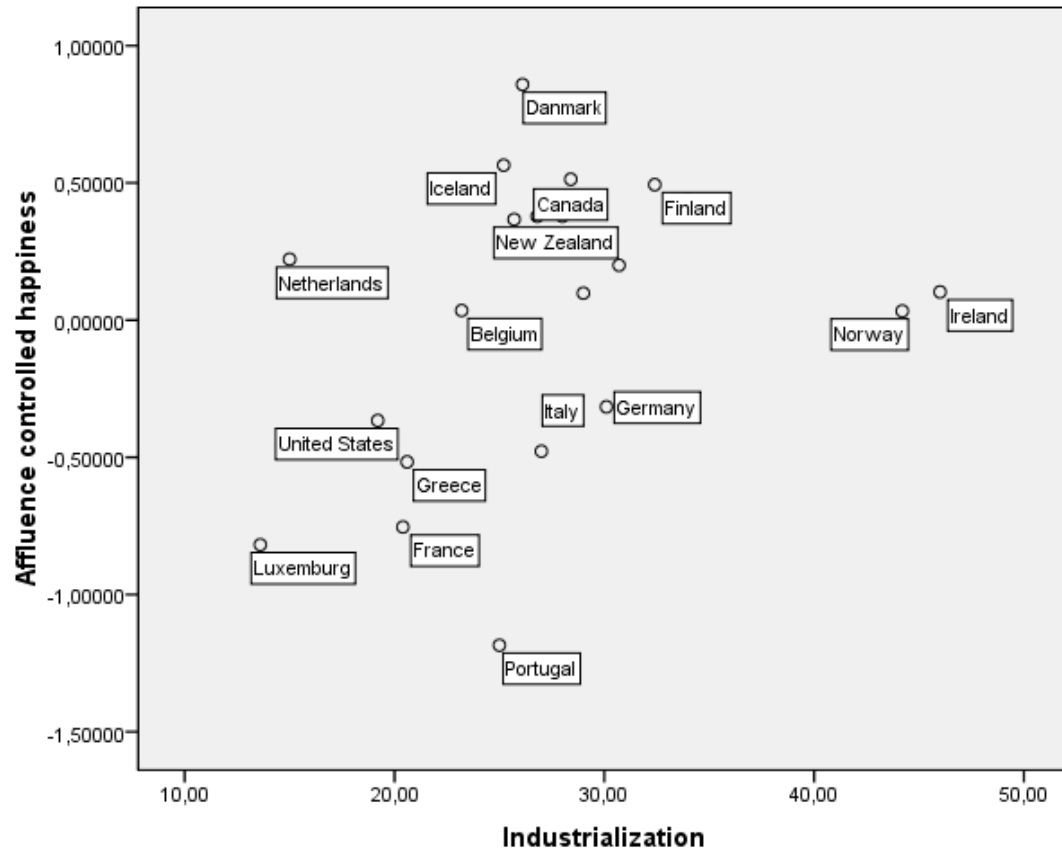


Figure 25
Size of service sector and happiness
after control for affluence in Western countries

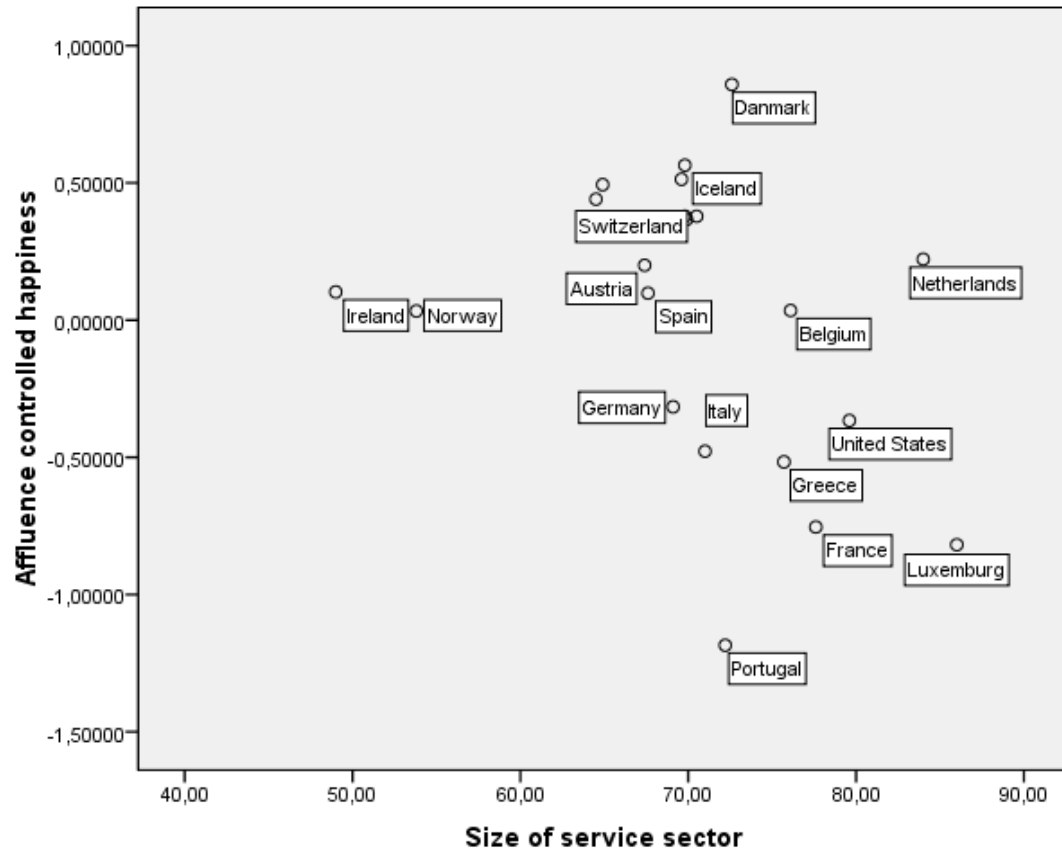


Figure 26
Free market economy and happiness
after control for affluence in Western countries

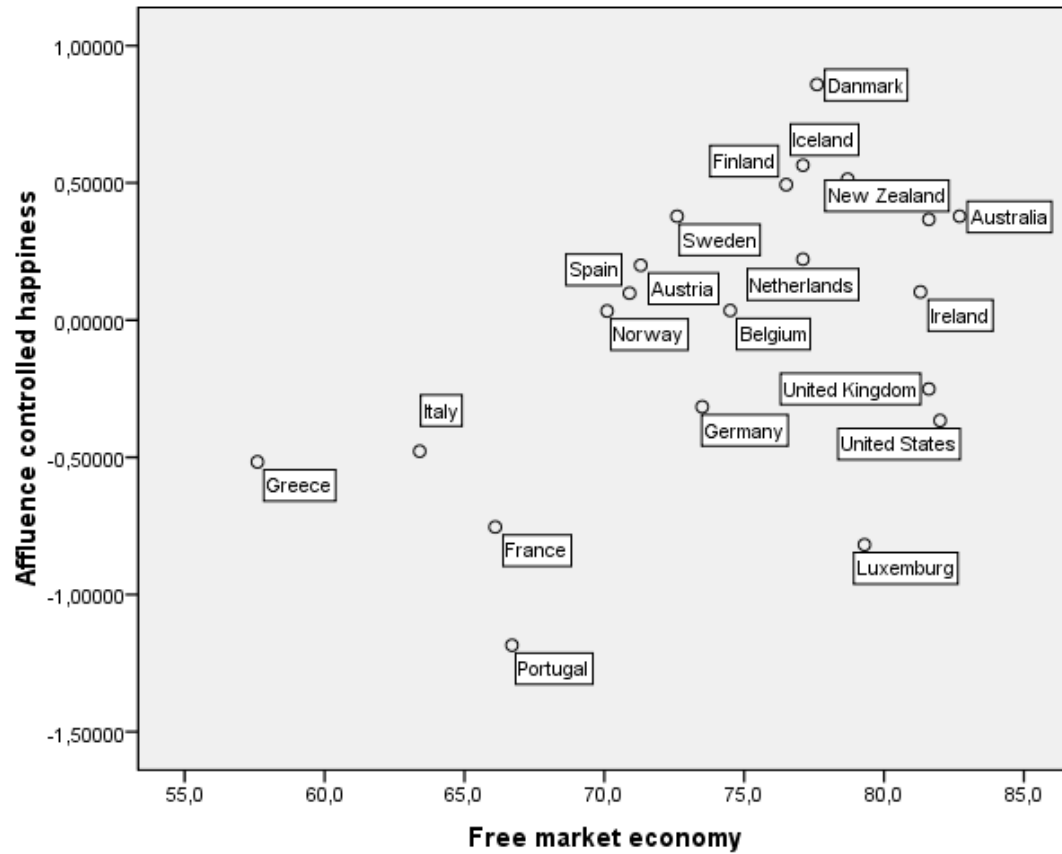


Figure 27
Globalization and happiness
after control for affluence in Western countries

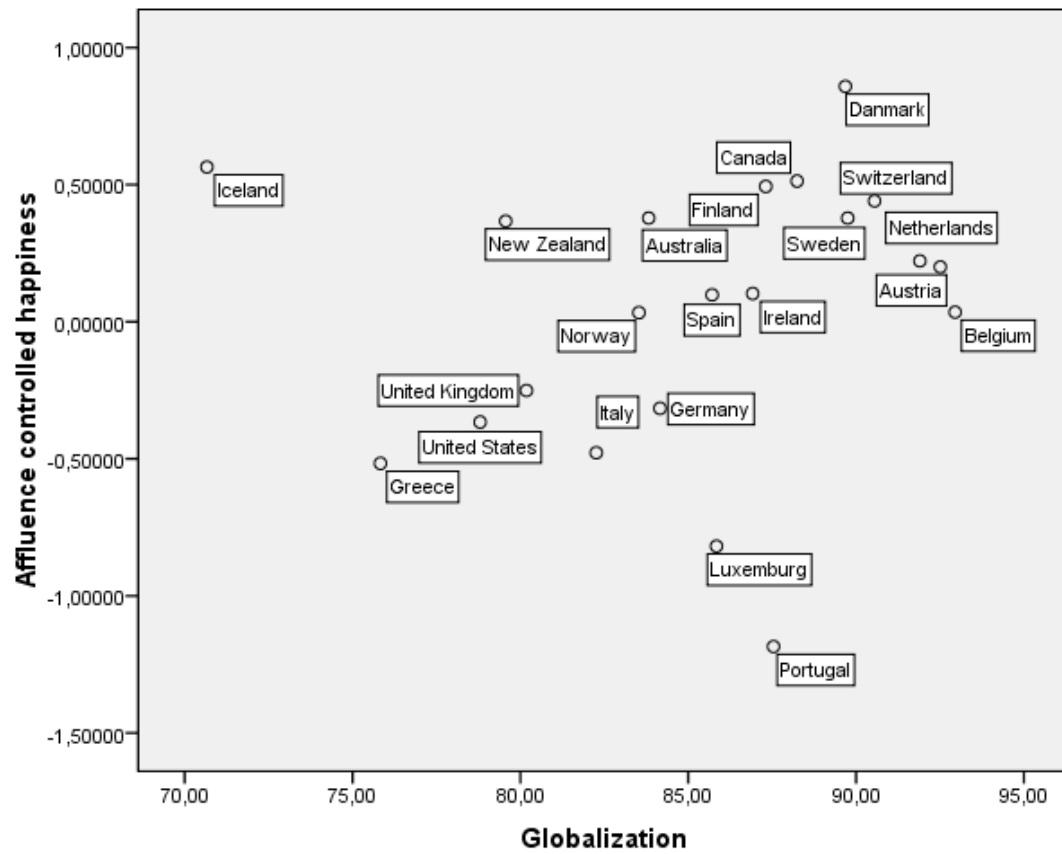


Figure 28
Education and happiness
after control for affluence in Western countries

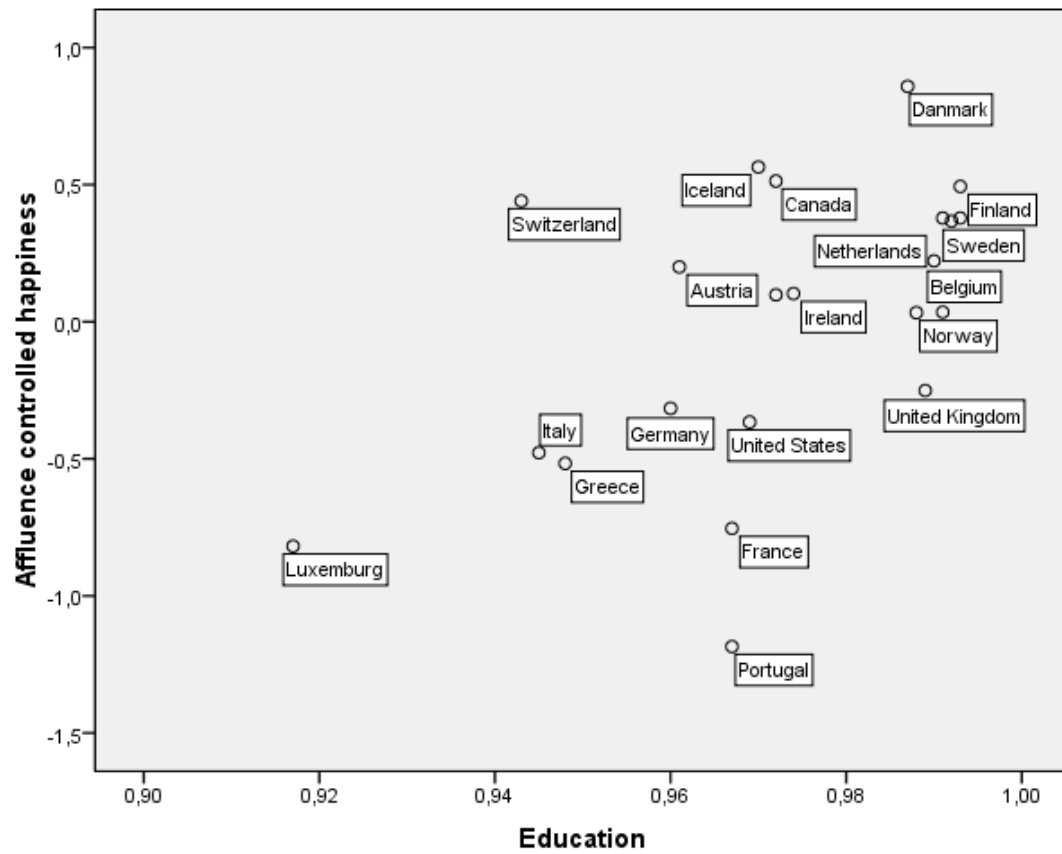


Figure 29
Democracy and happiness
after control for affluence in Western countries

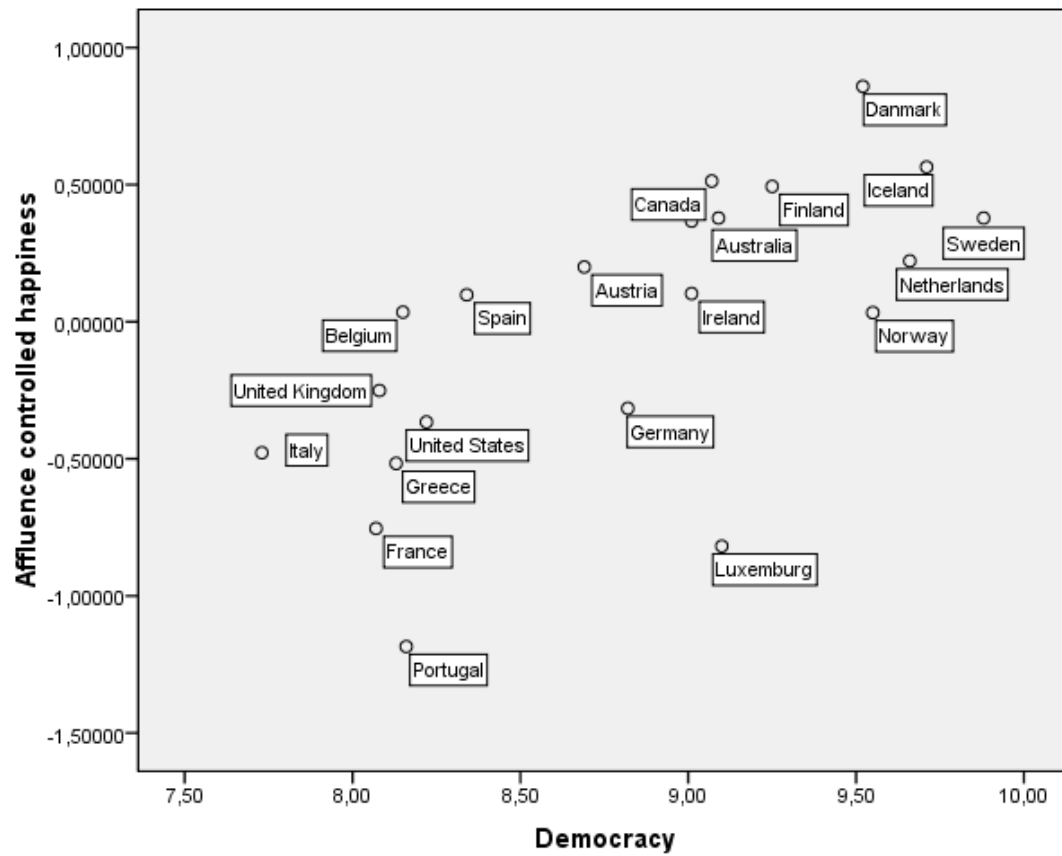


Figure 30
Urbanization and happiness
after control for affluence in Western countries

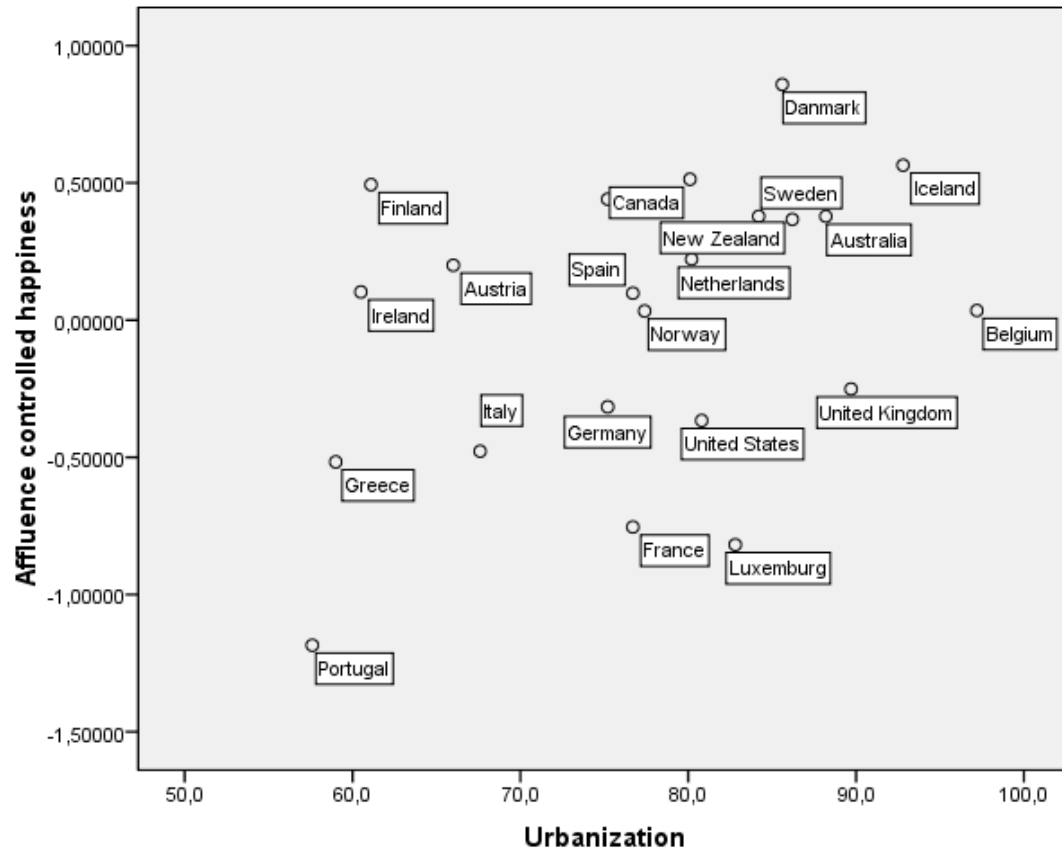


Figure 31
Industrialization and mood

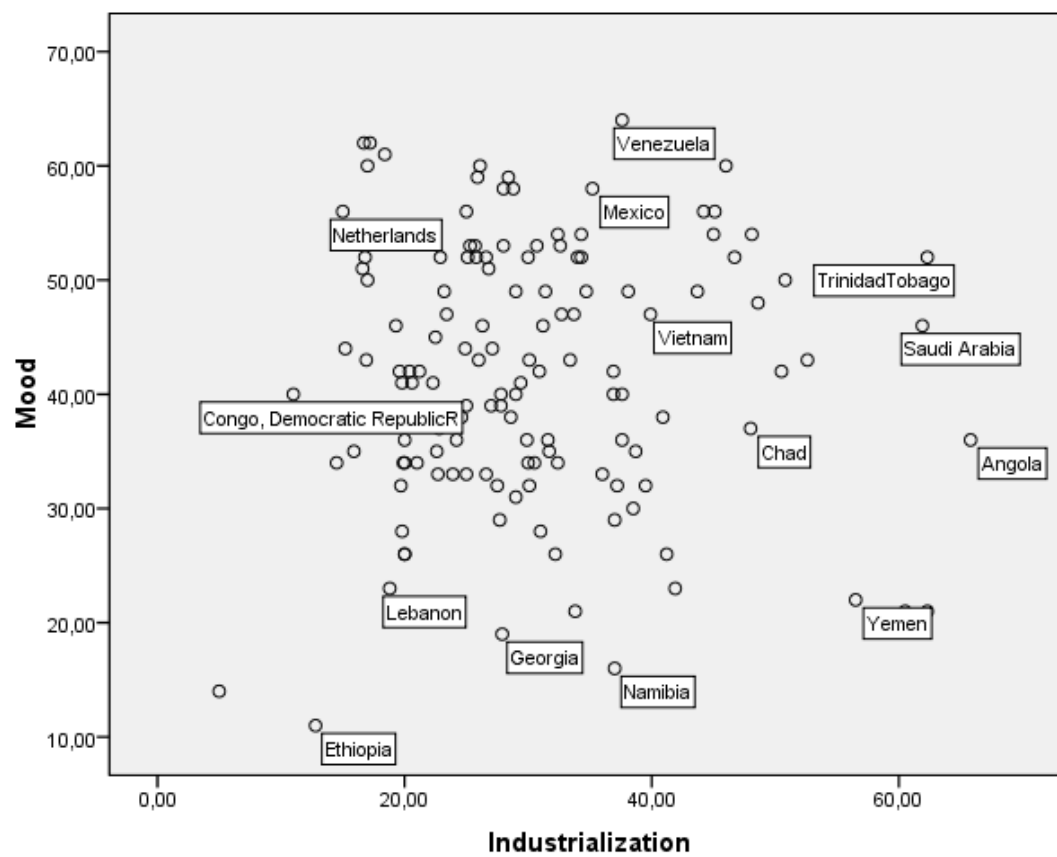


Figure 32
Size of service sector and mood

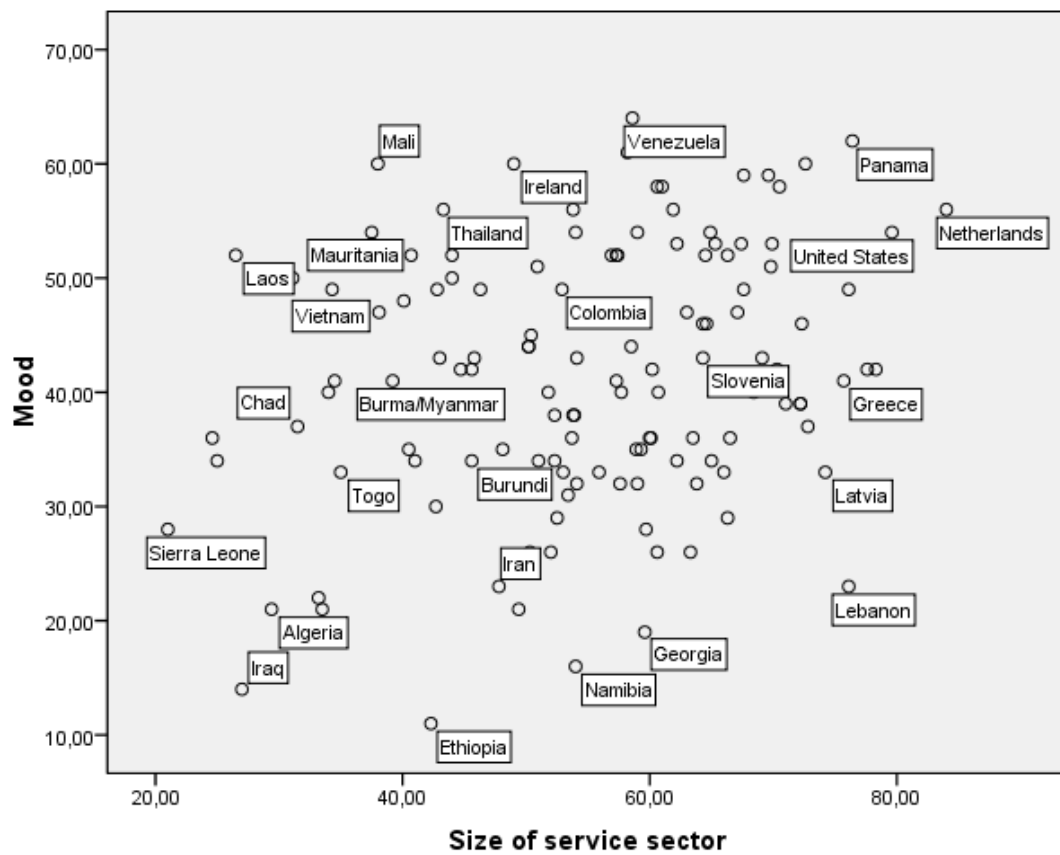


Figure 33
Free market economy and mood

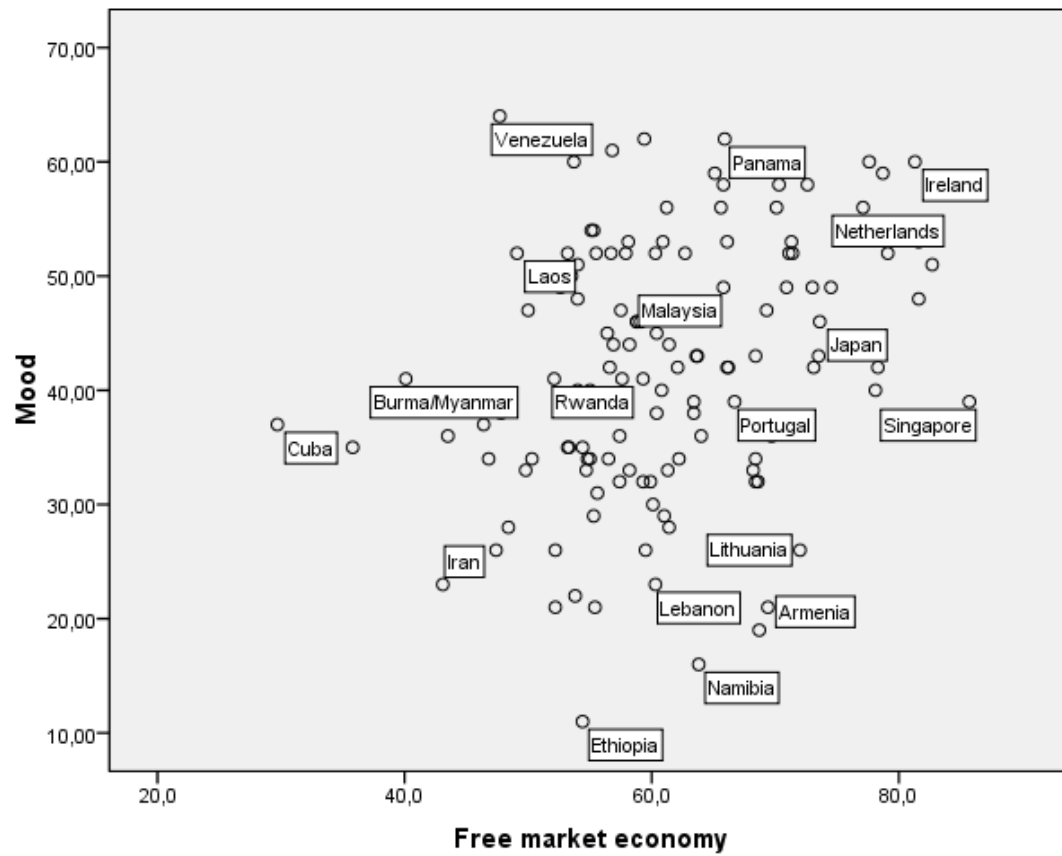


Figure 34
Globalization and mood

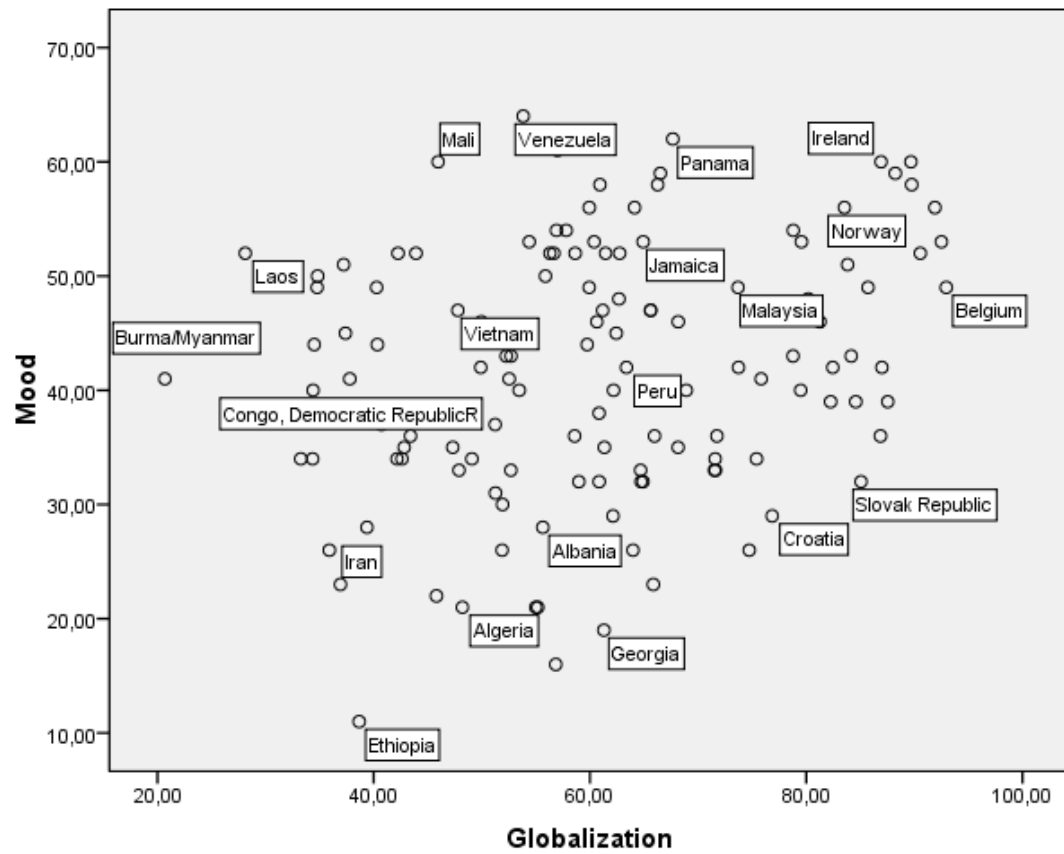


Figure 35
Affluence and mood

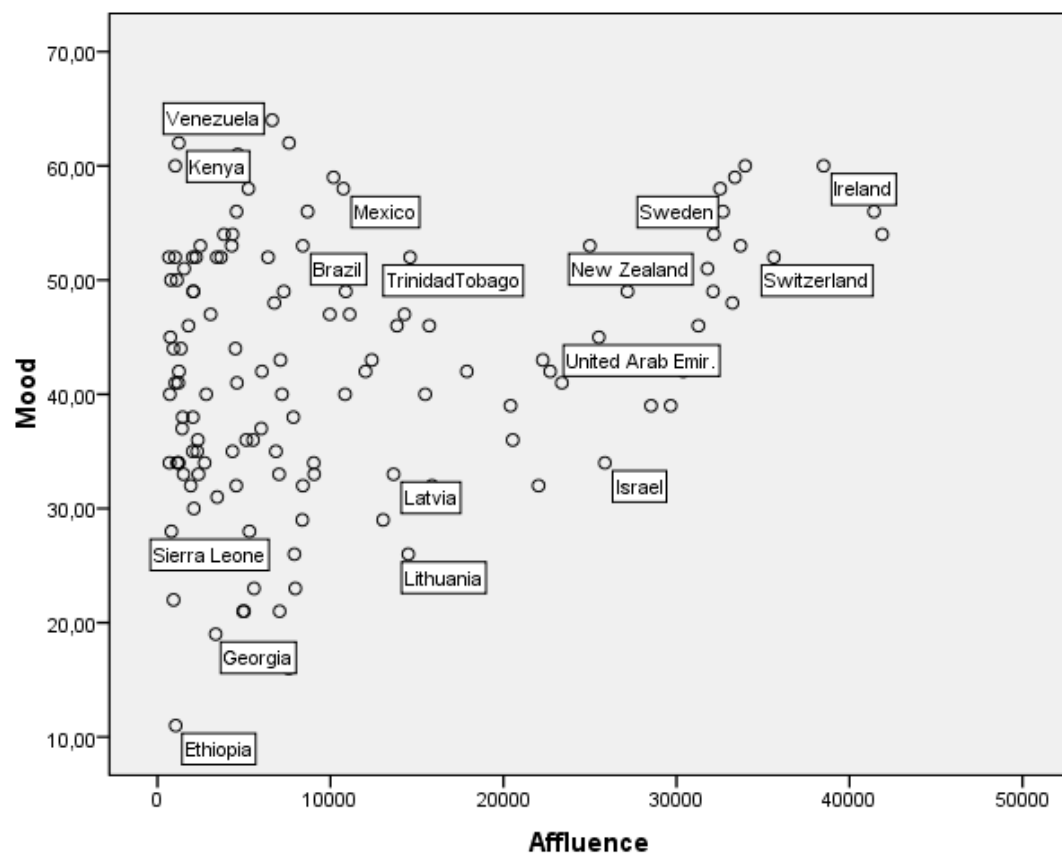


Figure 36
Education and mood

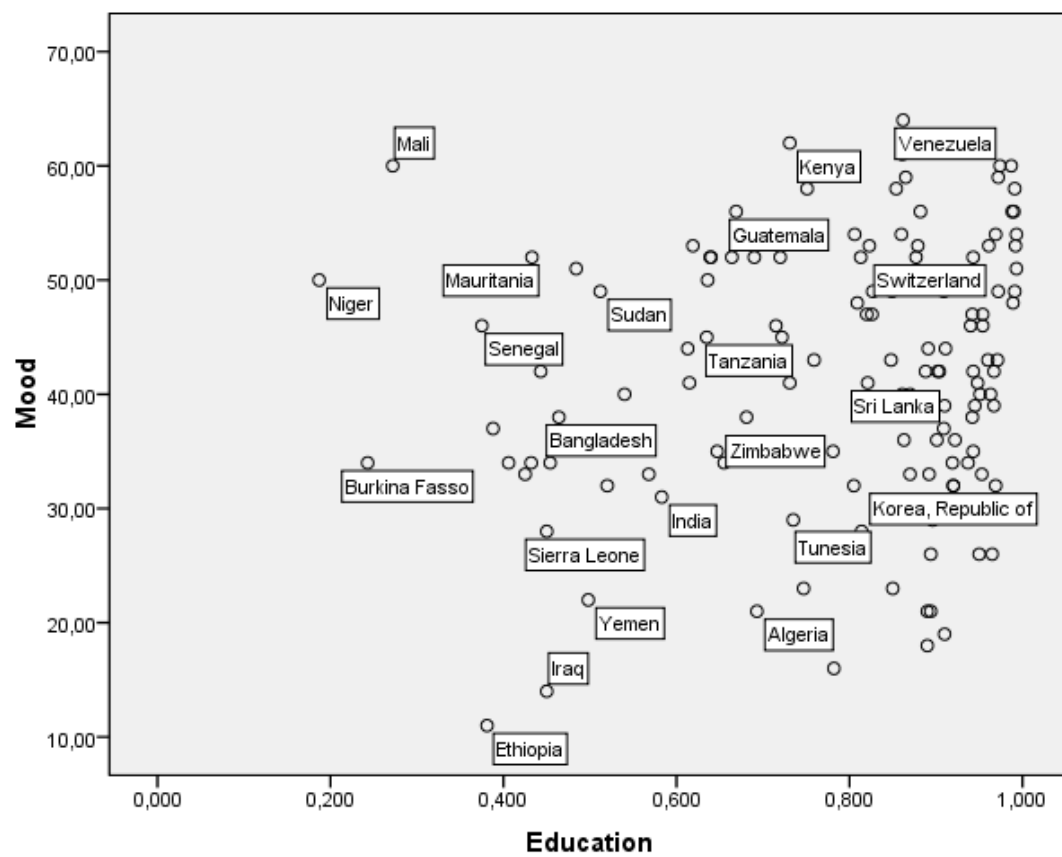


Figure 37
Democracy and mood

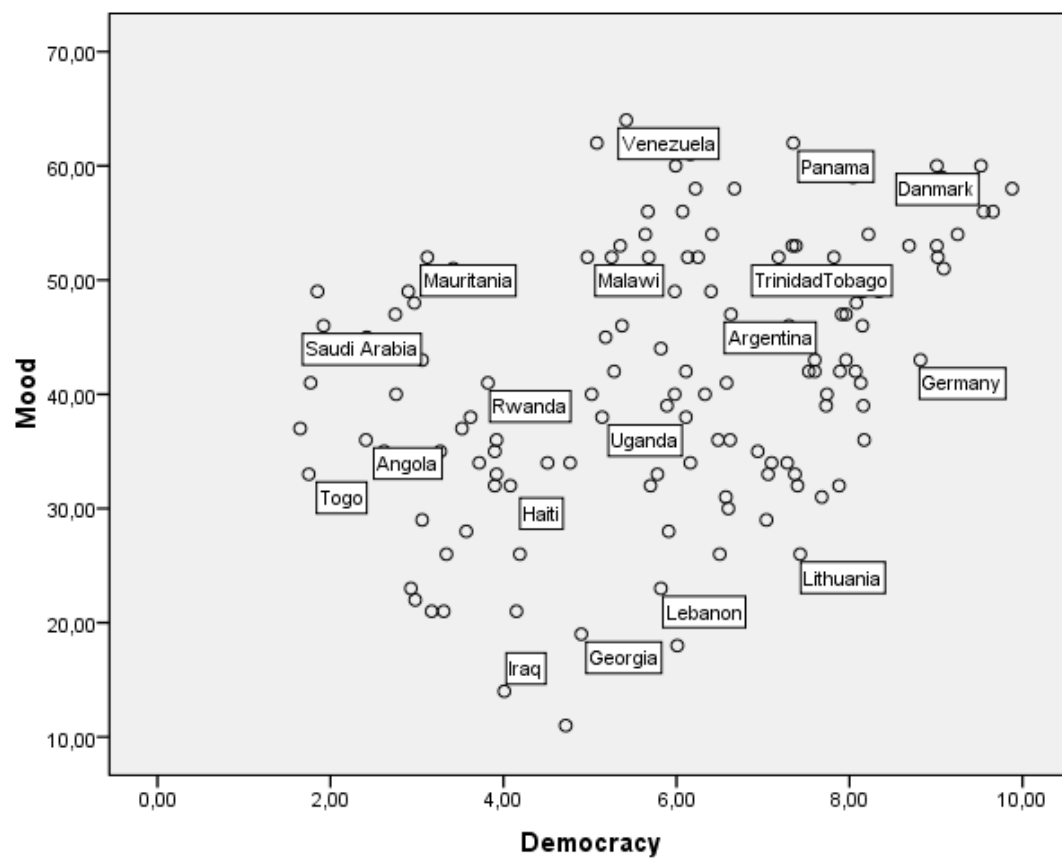


Figure 38
Urbanization and mood

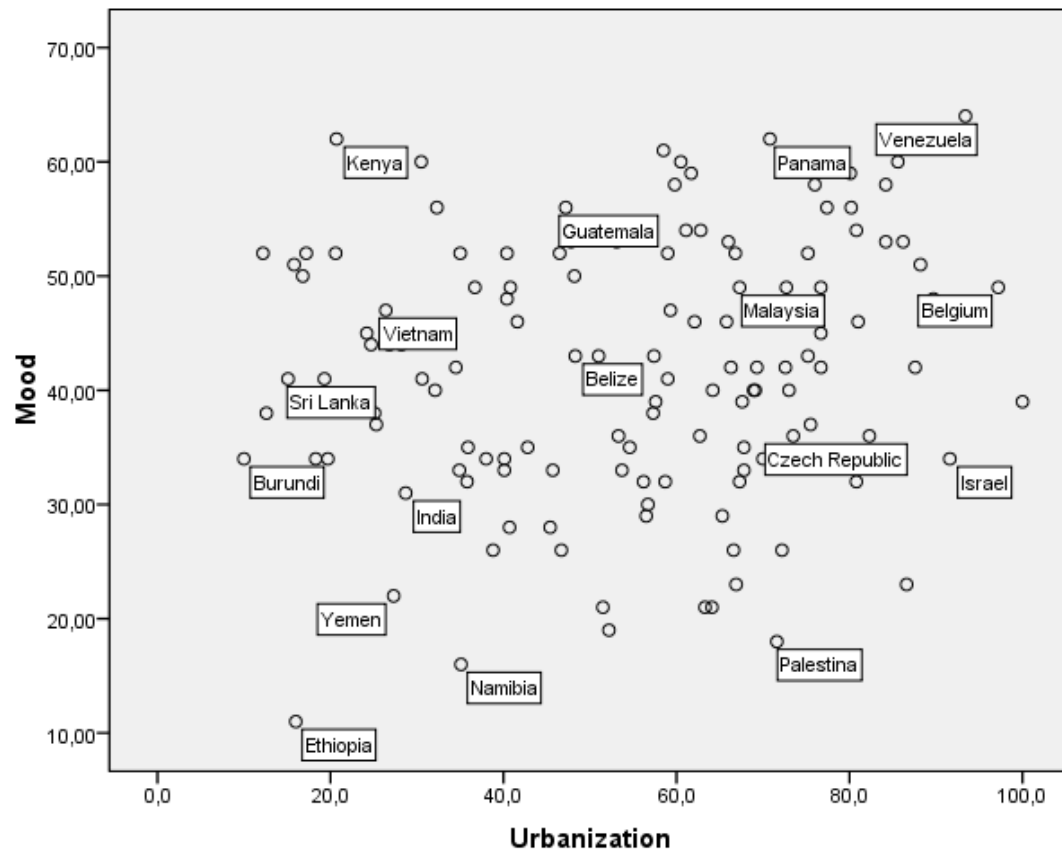


Figure 39
Industrialization and mood
after control for affluence

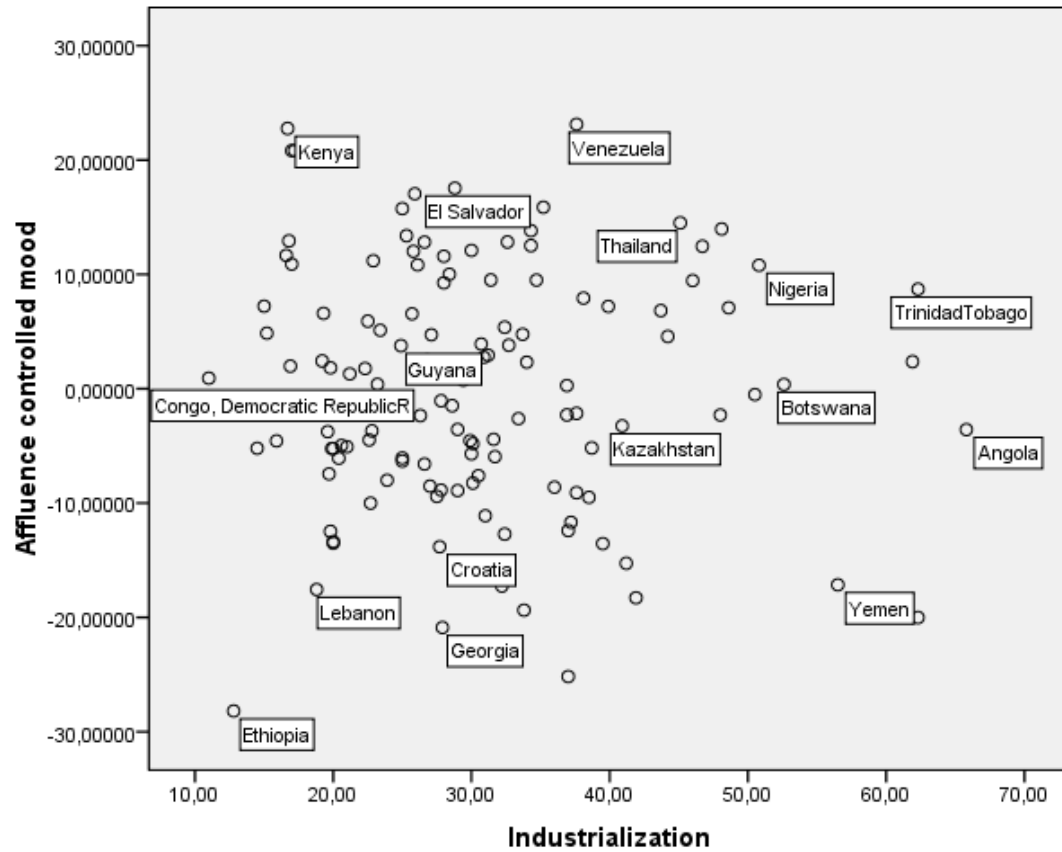


Figure 40
Size of service sector and mood
after control for affluence

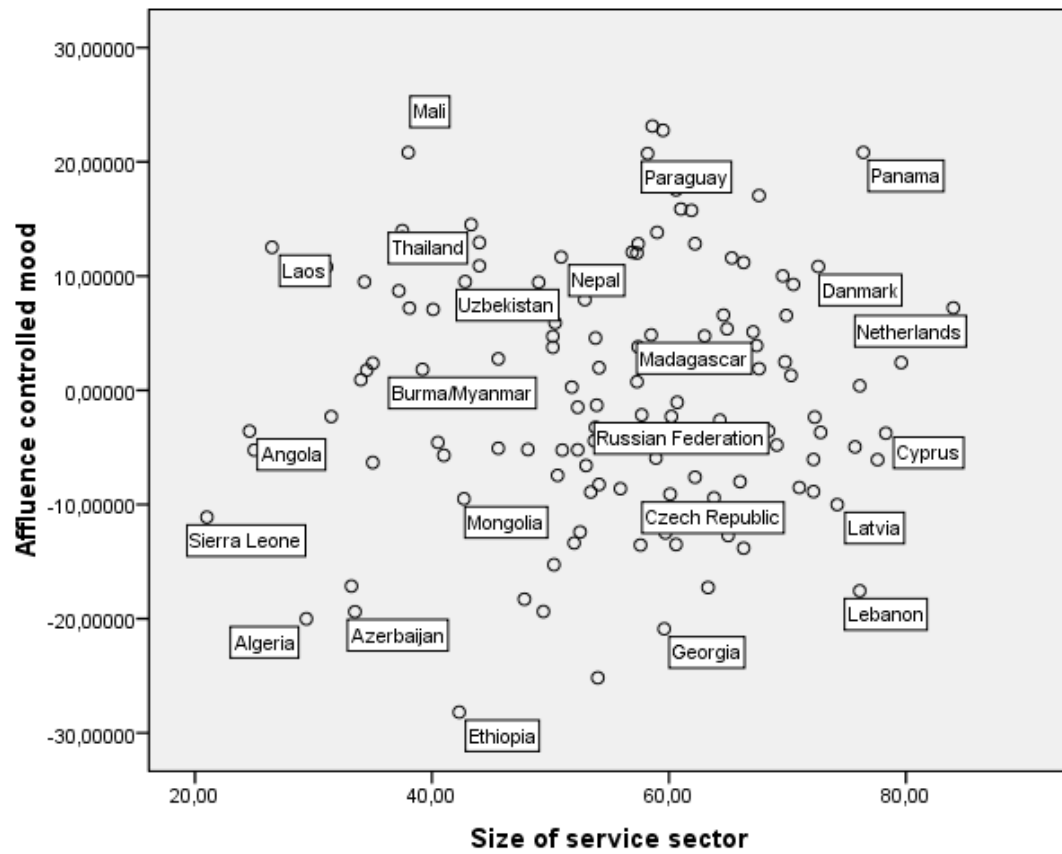


Figure 41
Free market economy and mood
after control for affluence

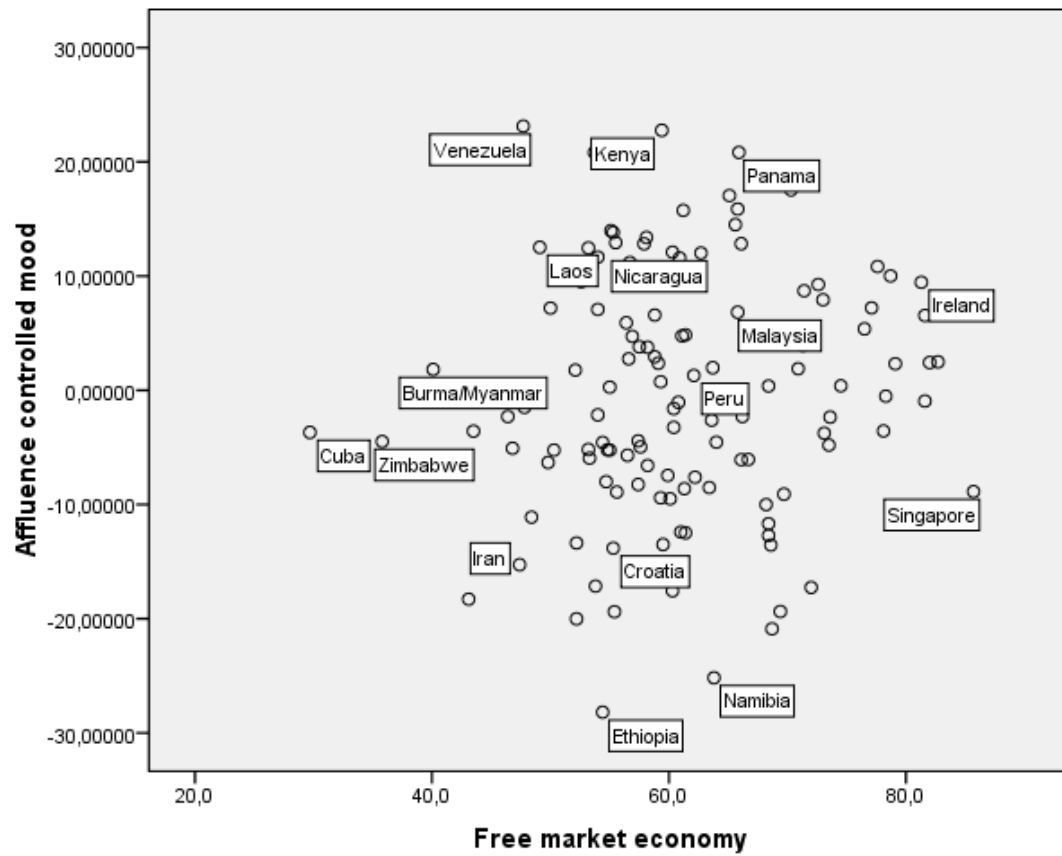


Figure 42
Globalization and mood
after control for affluence

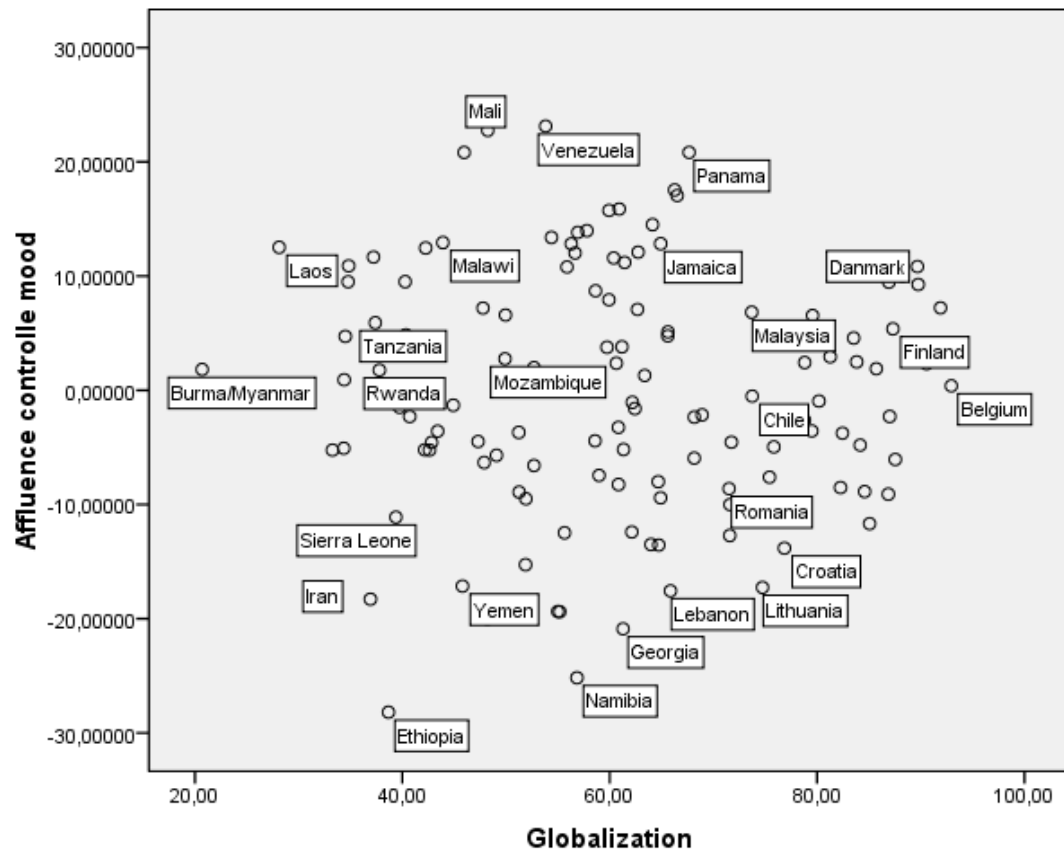


Figure 43
Education and mood
after control for affluence

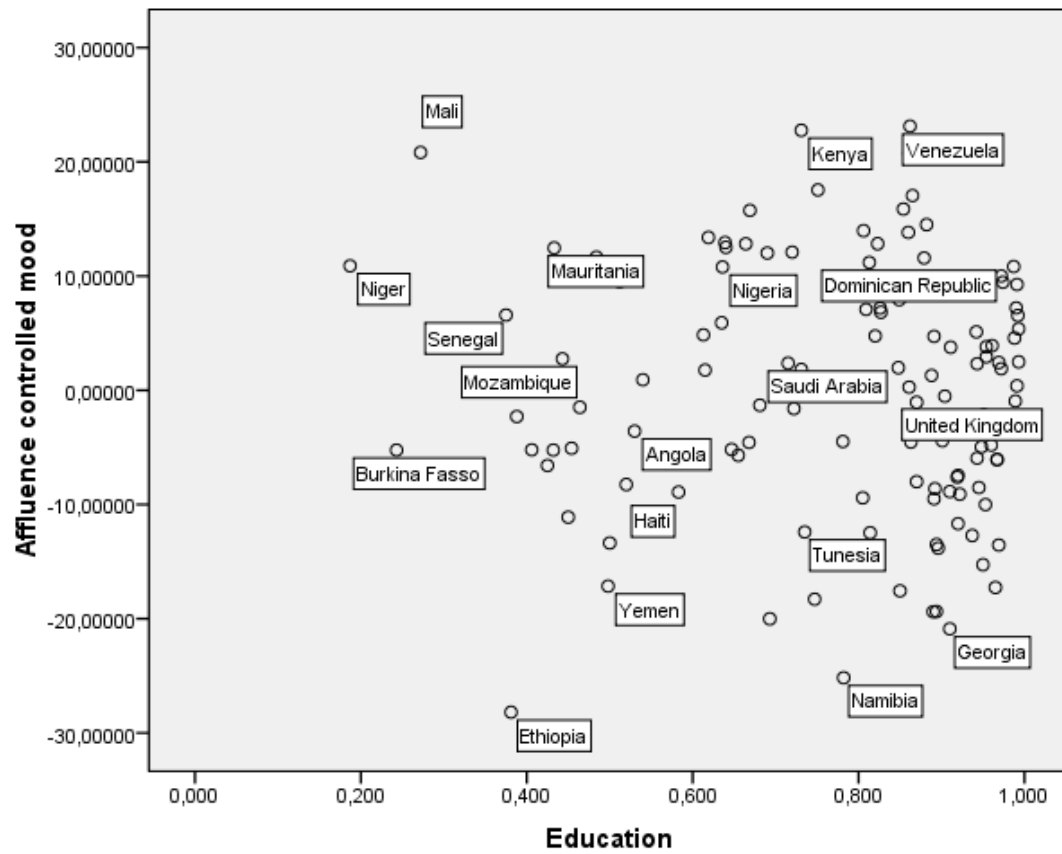


Figure 44
Democracy and mood
after control for affluence

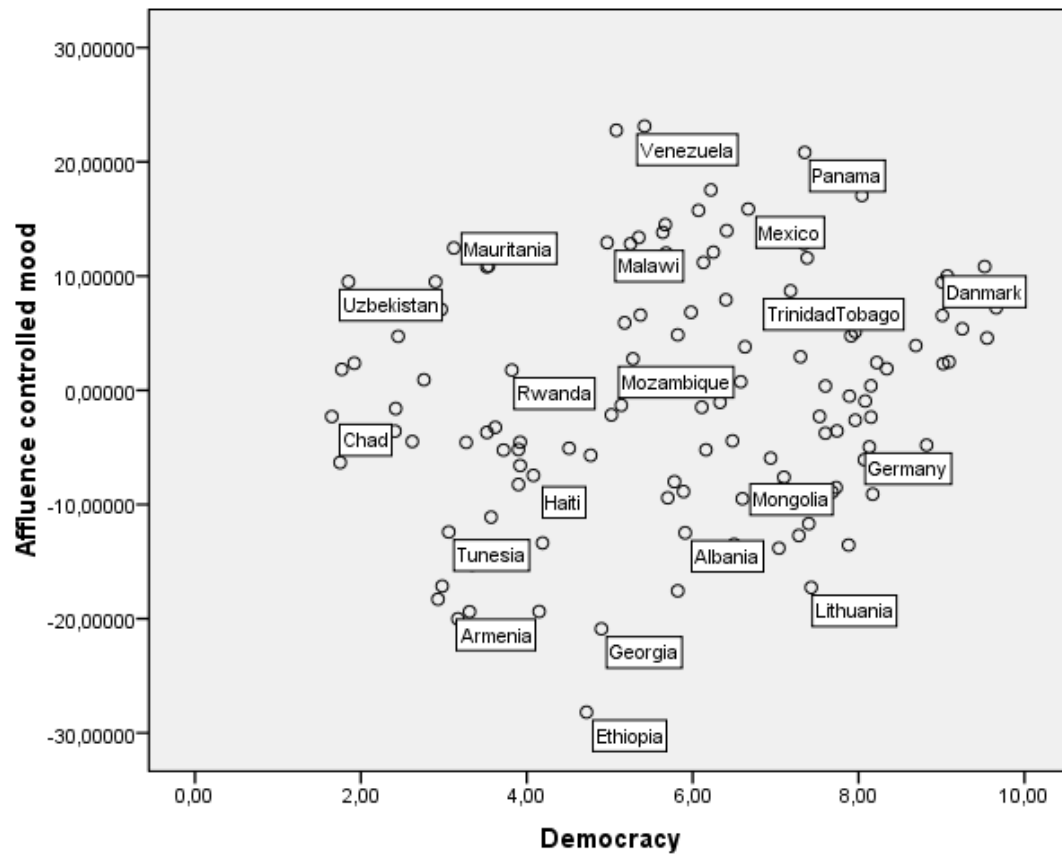


Figure 45
Urbanization and mood
after control for affluence

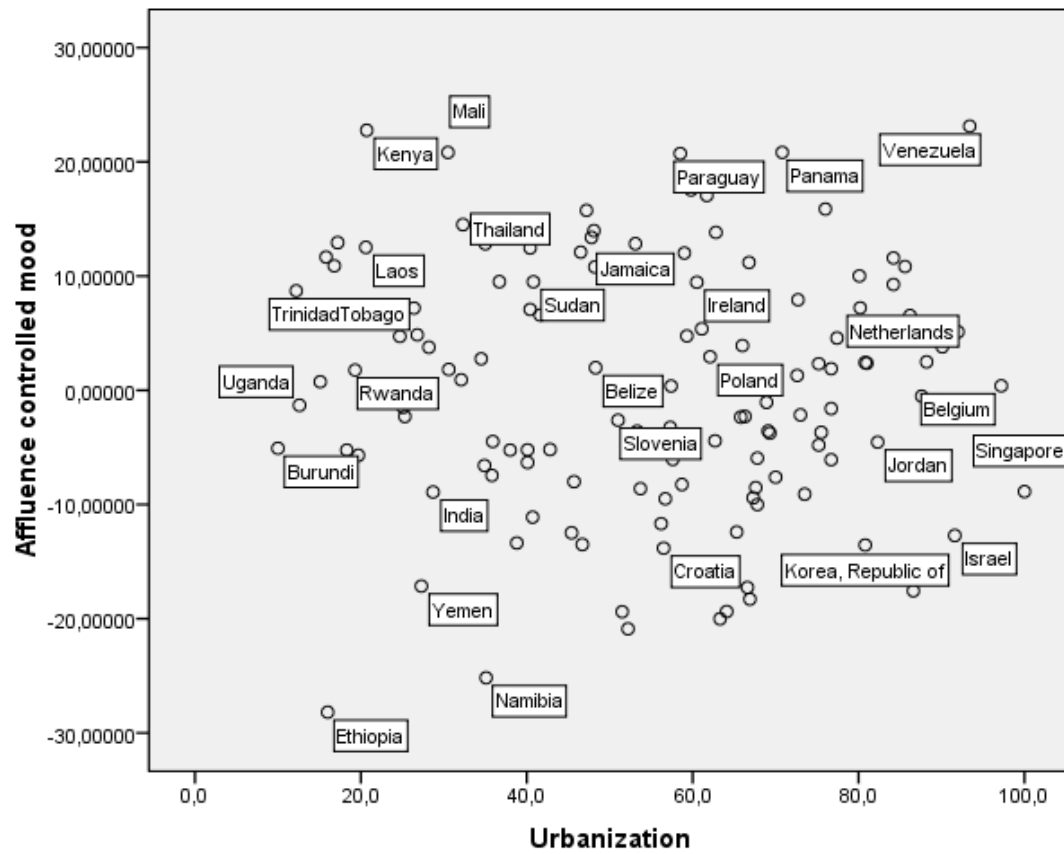


Figure 46
Industrialization and mood
in Western countries

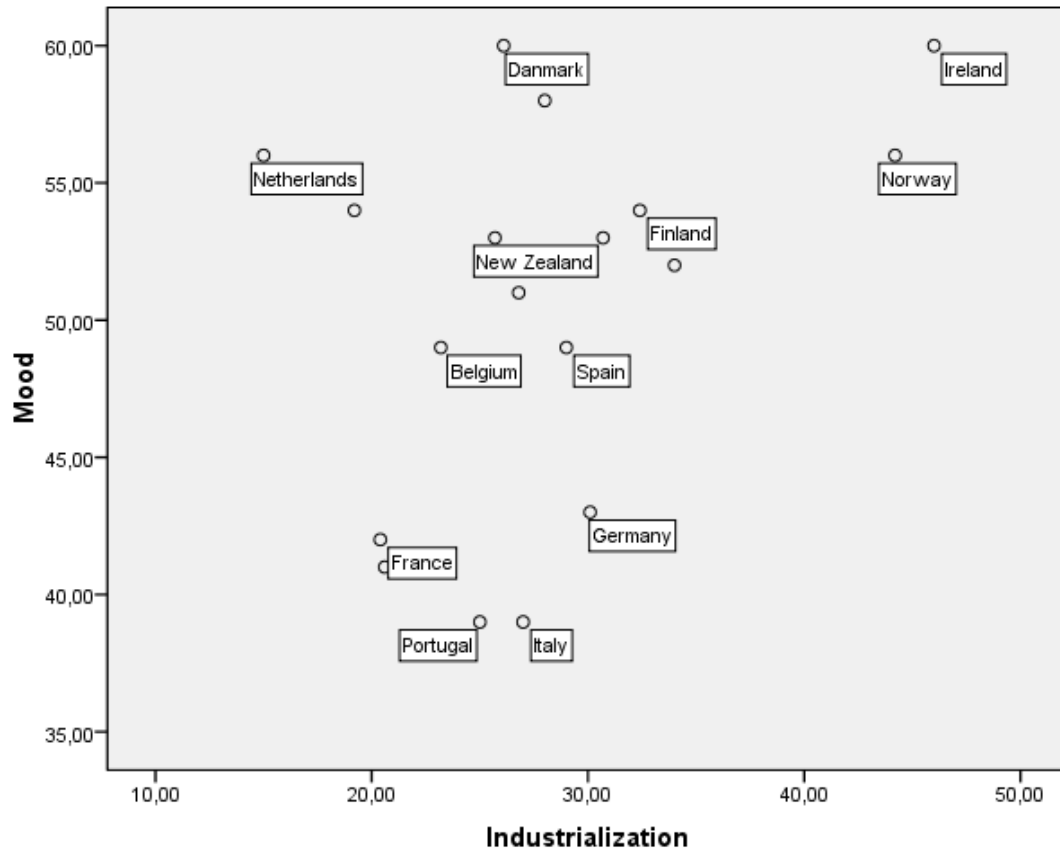


Figure 47
Size of service sector and mood
in Western countries

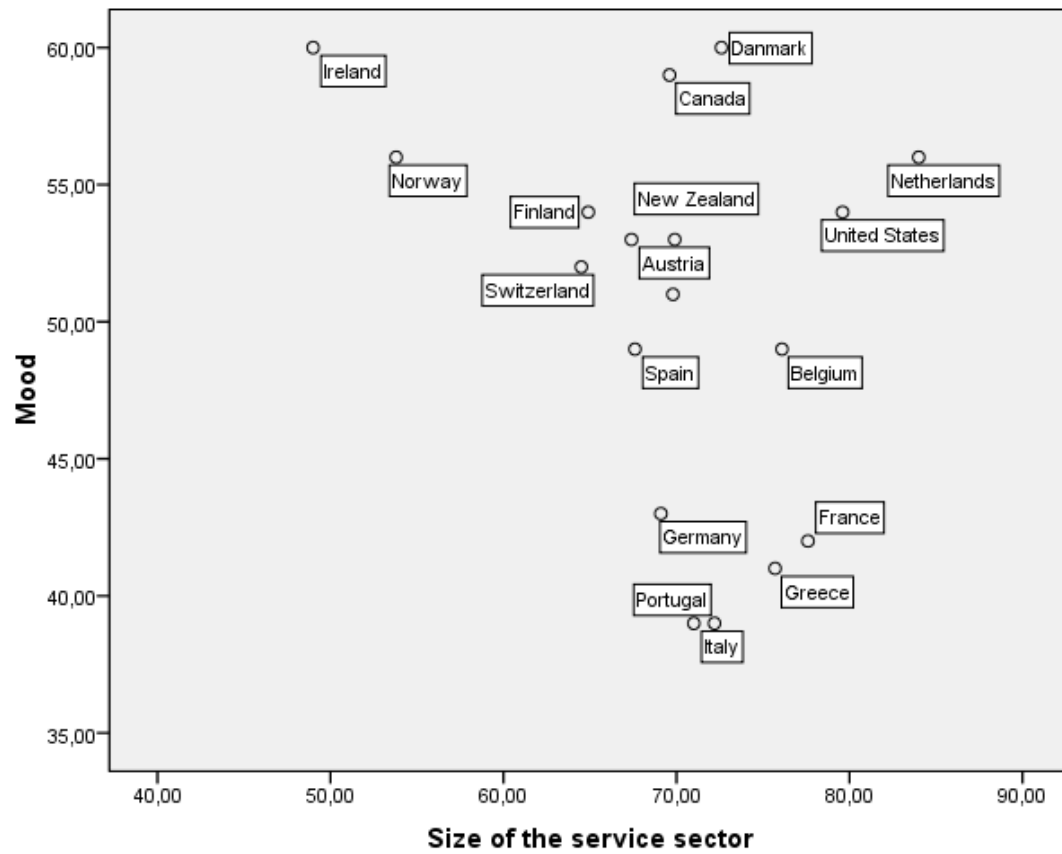


Figure 48
Free market economy and mood
in Western countries

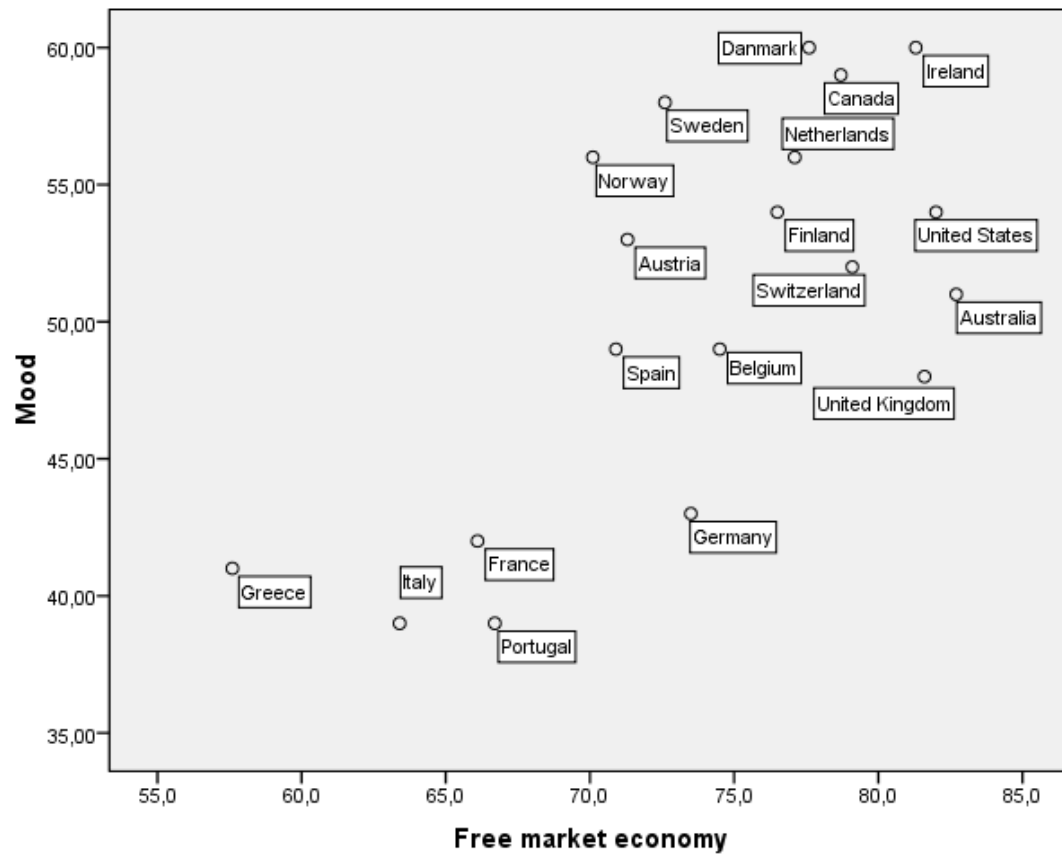


Figure 49
Globalization and mood
in Western countries

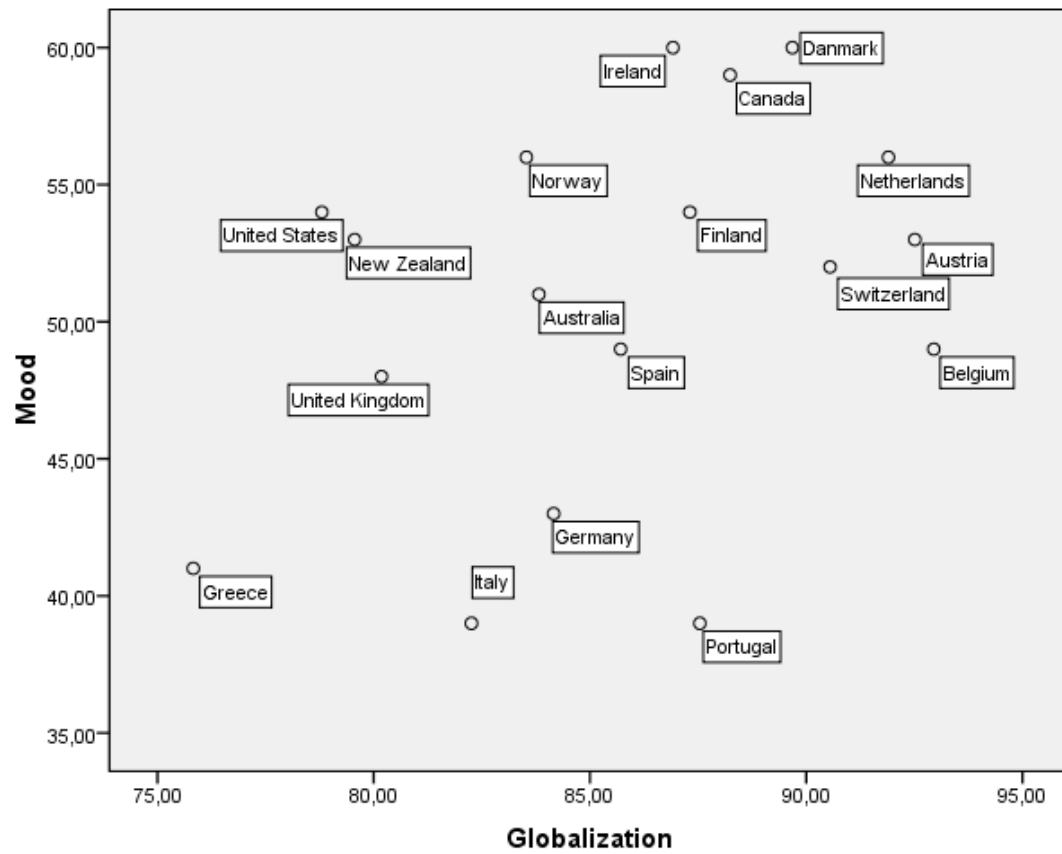


Figure 50
Affluence and mood
in Western countries

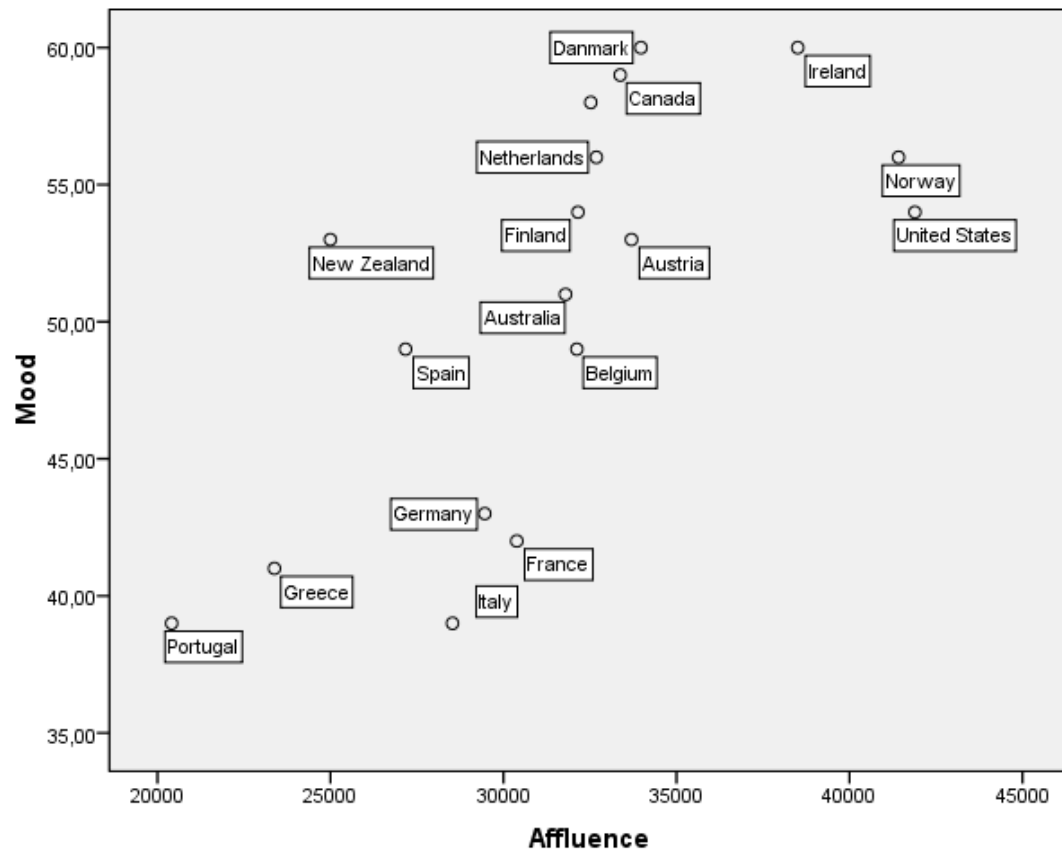


Figure 51
Education and mood
in Western countries

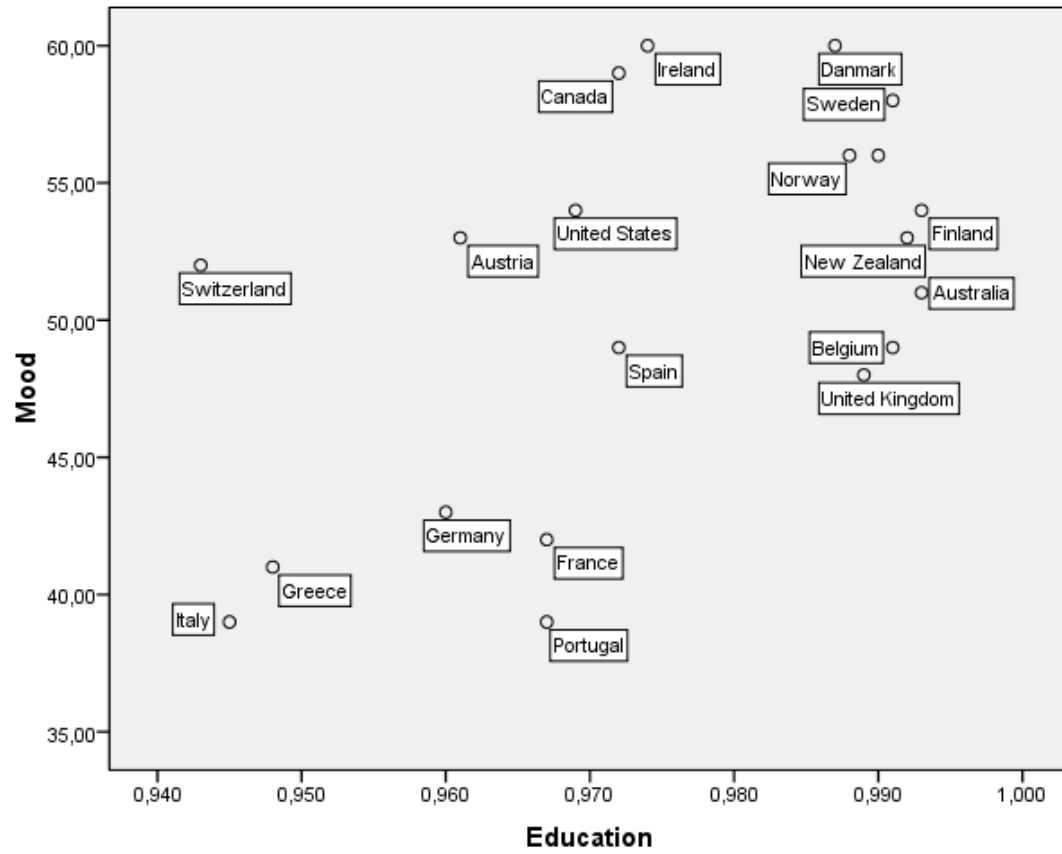


Figure 52
Democracy and mood
in Western countries

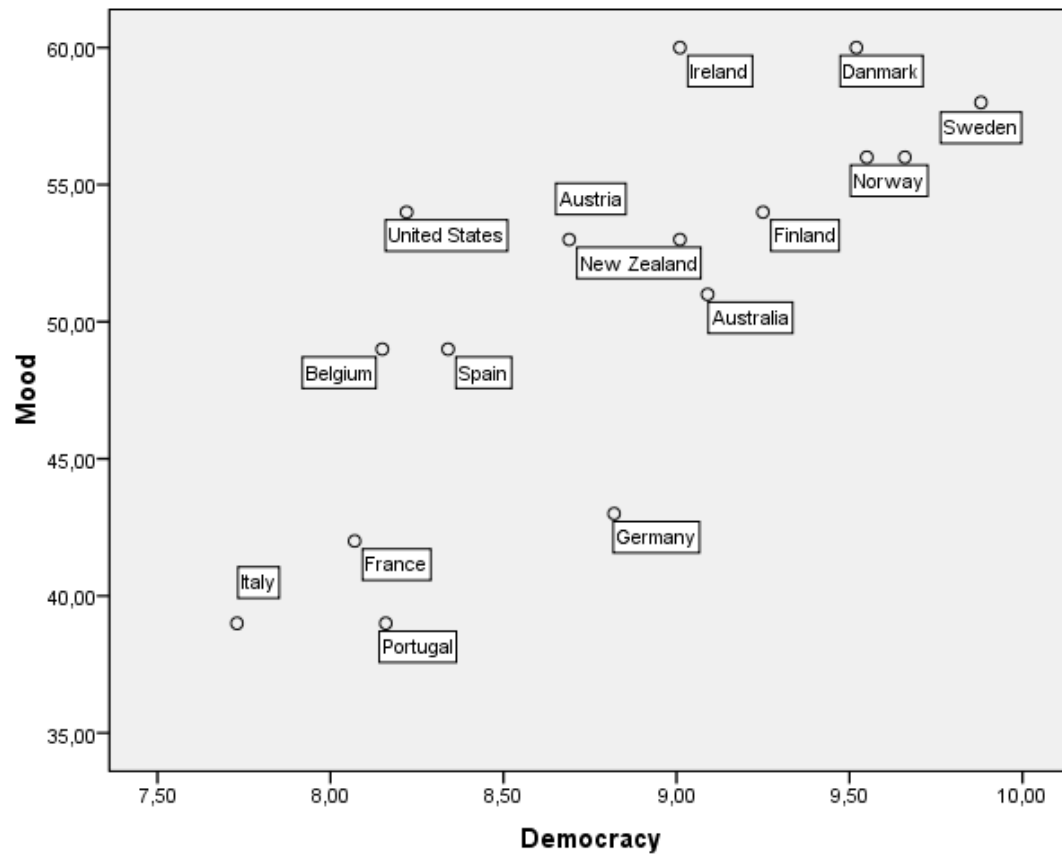


Figure 53
Urbanization and mood
in Western countries

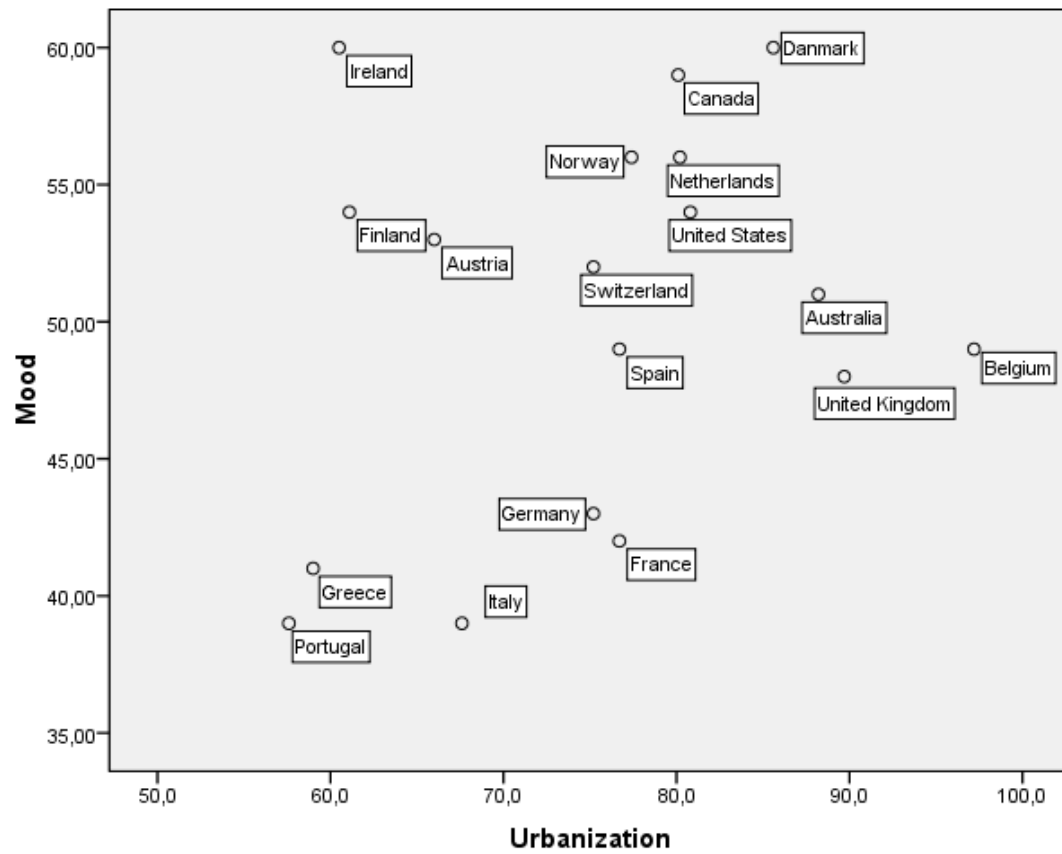


Figure 54
Industrialization and mood
after control for affluence in Western countries

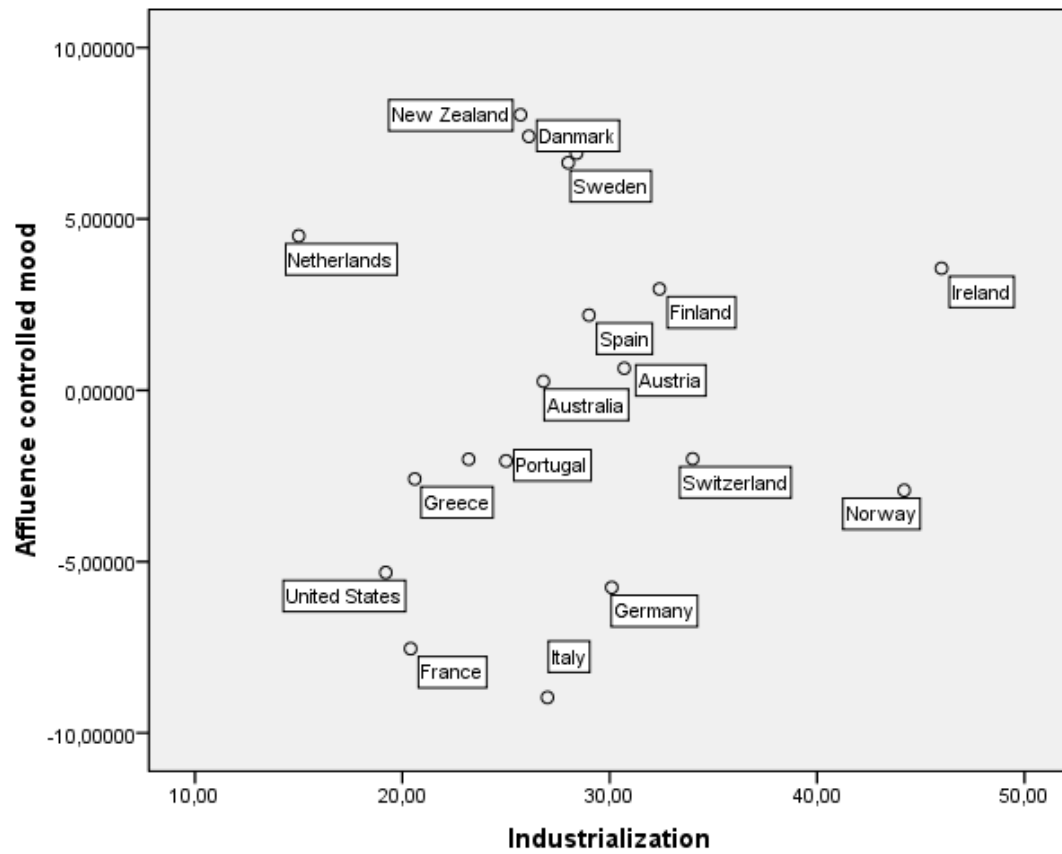


Figure 55
Size of service sector and mood
after control for affluence in Western countries

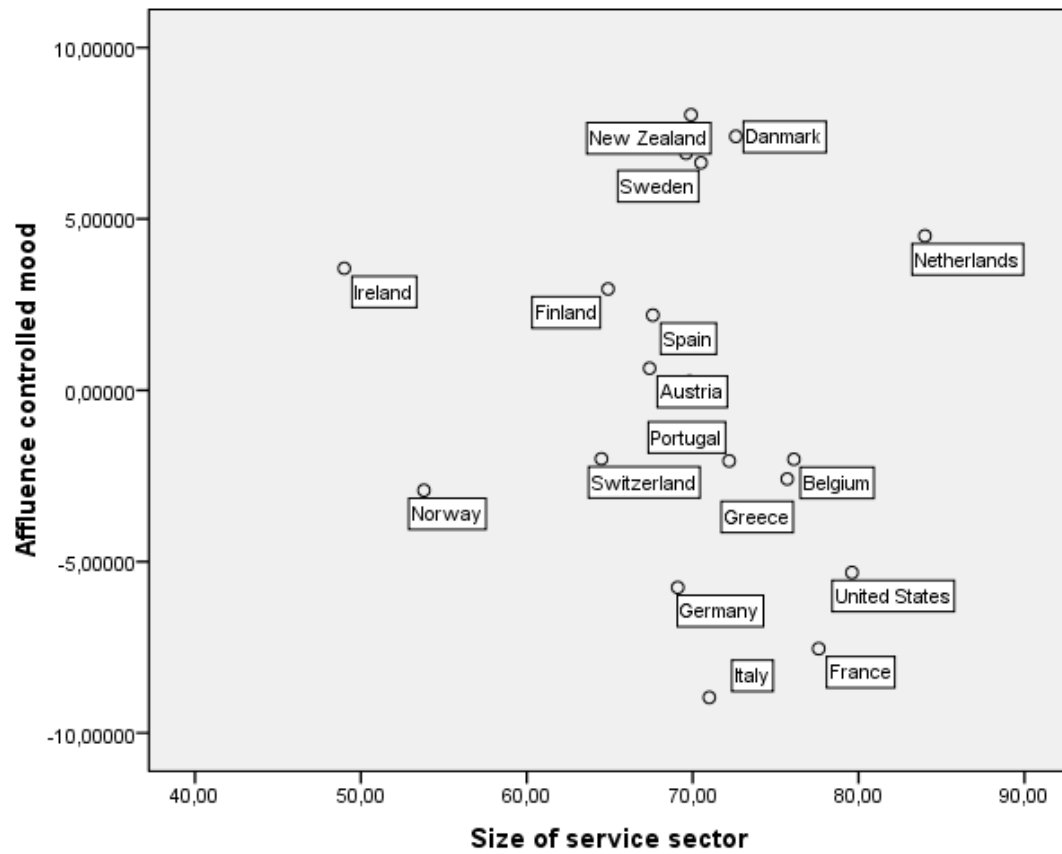


Figure 56

Free market economy and mood
after control for affluence in Western countries

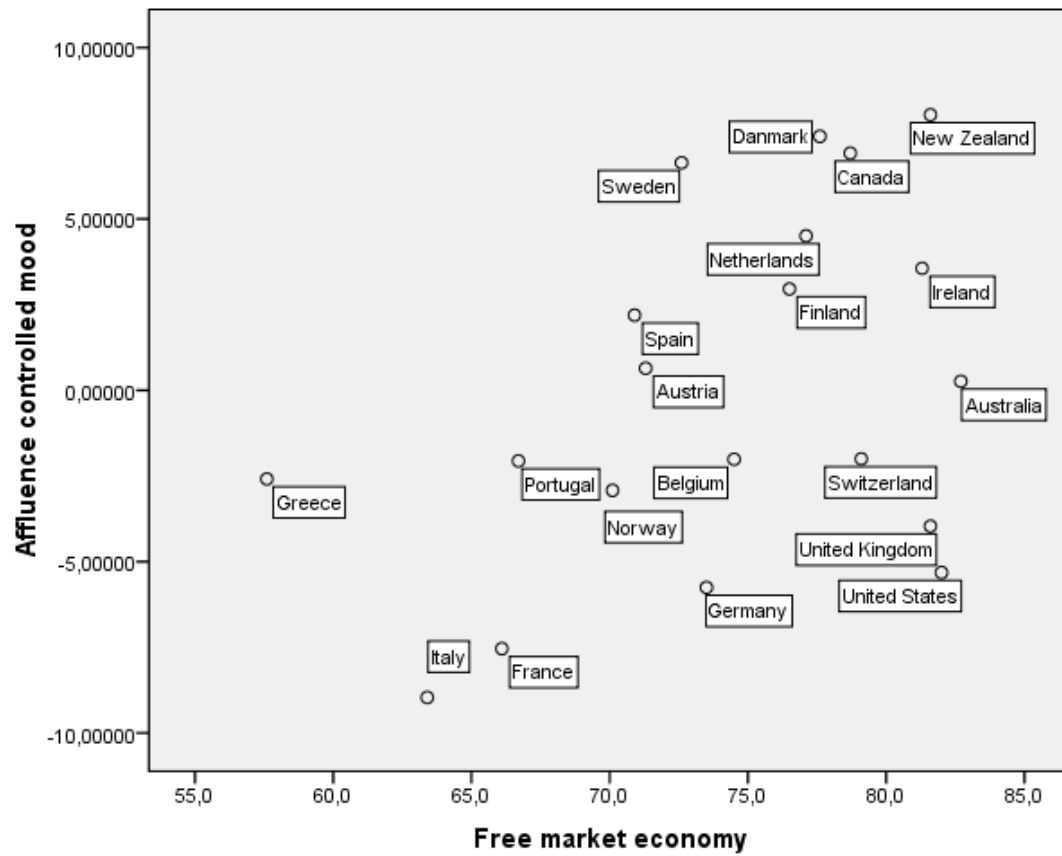


Figure 57
Globalization and mood
after control for affluence in Western countries

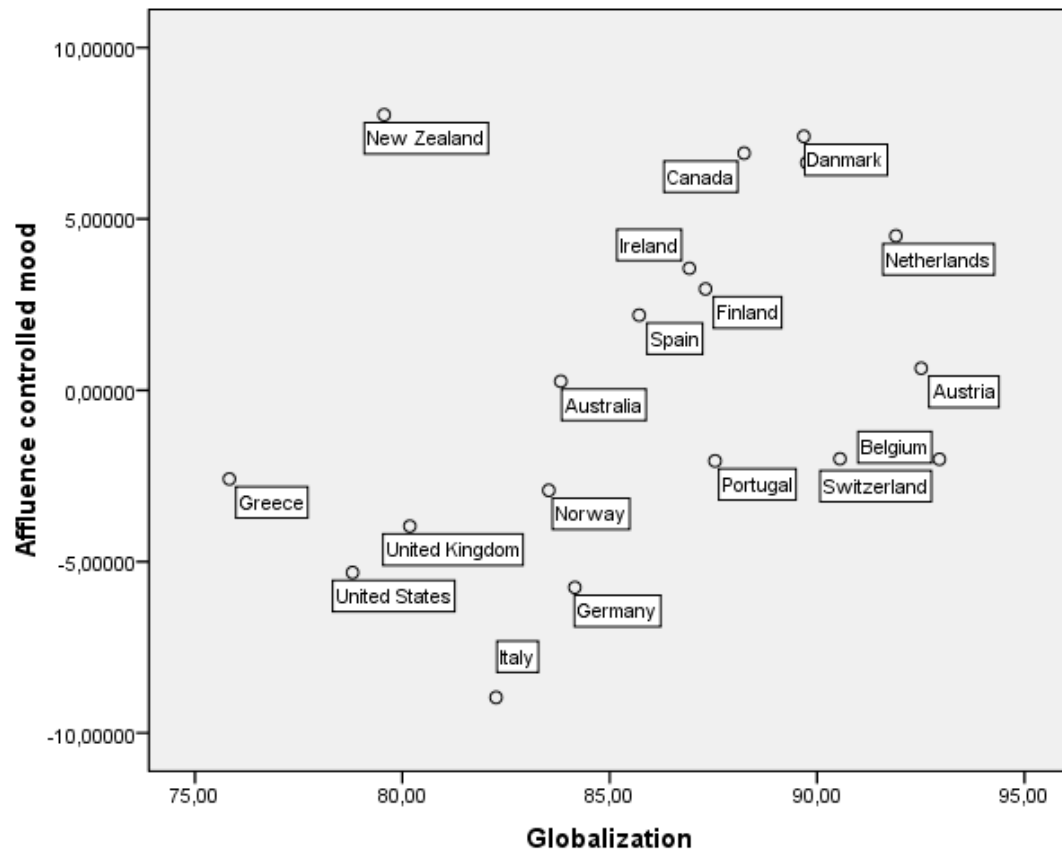


Figure 58
Education and mood
after control for affluence in Western countries

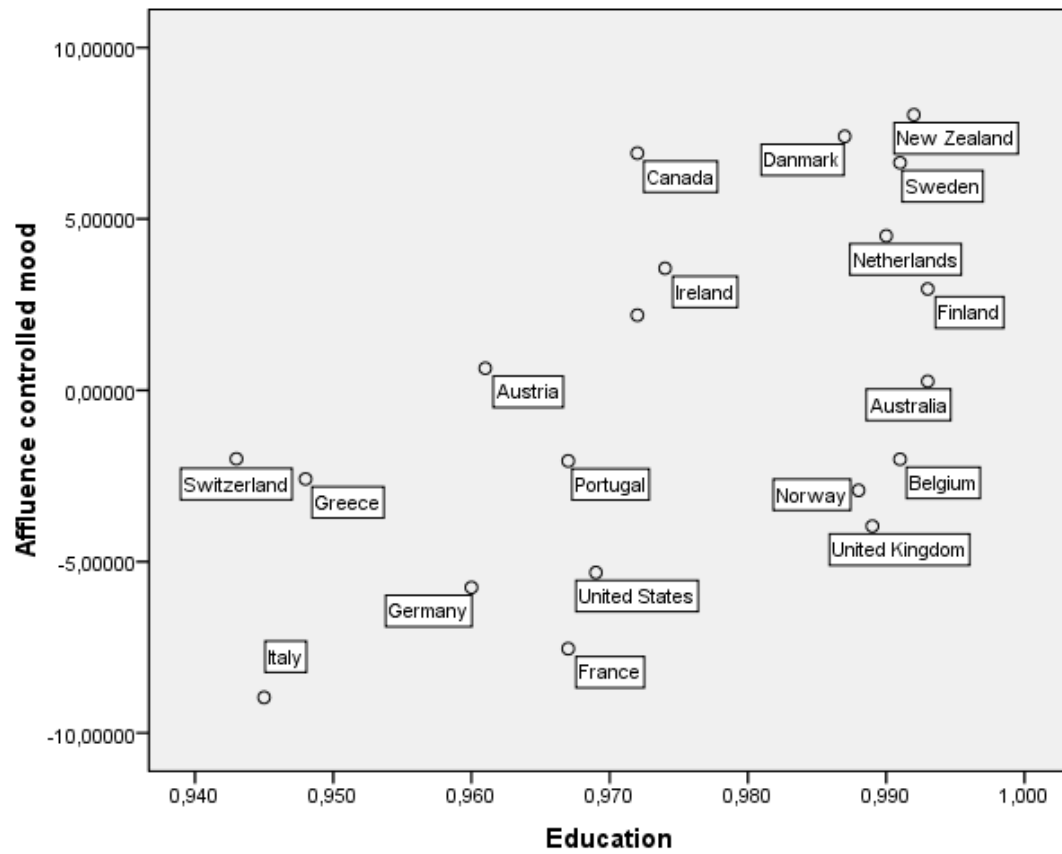


Figure 59
Democracy and mood
after control for affluence in Western countries

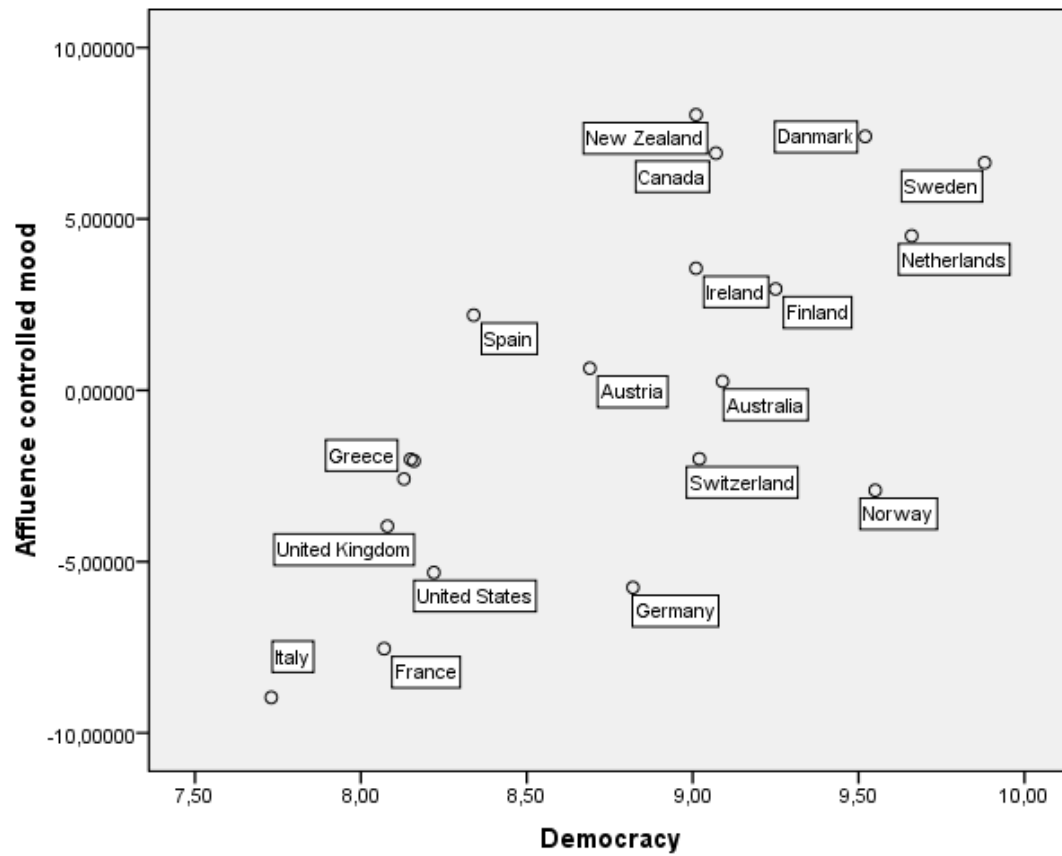


Figure 60
Urbanization and mood
after control for affluence in Western countries

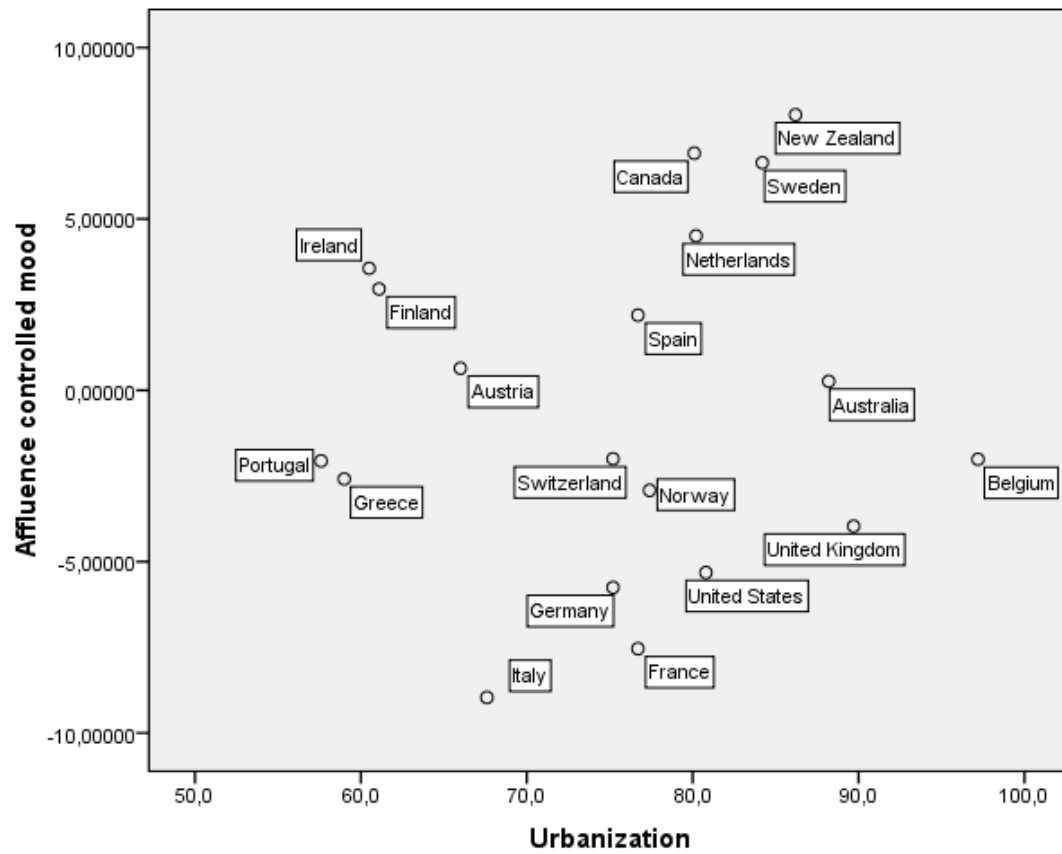


Figure 61
Industrialization and contentment

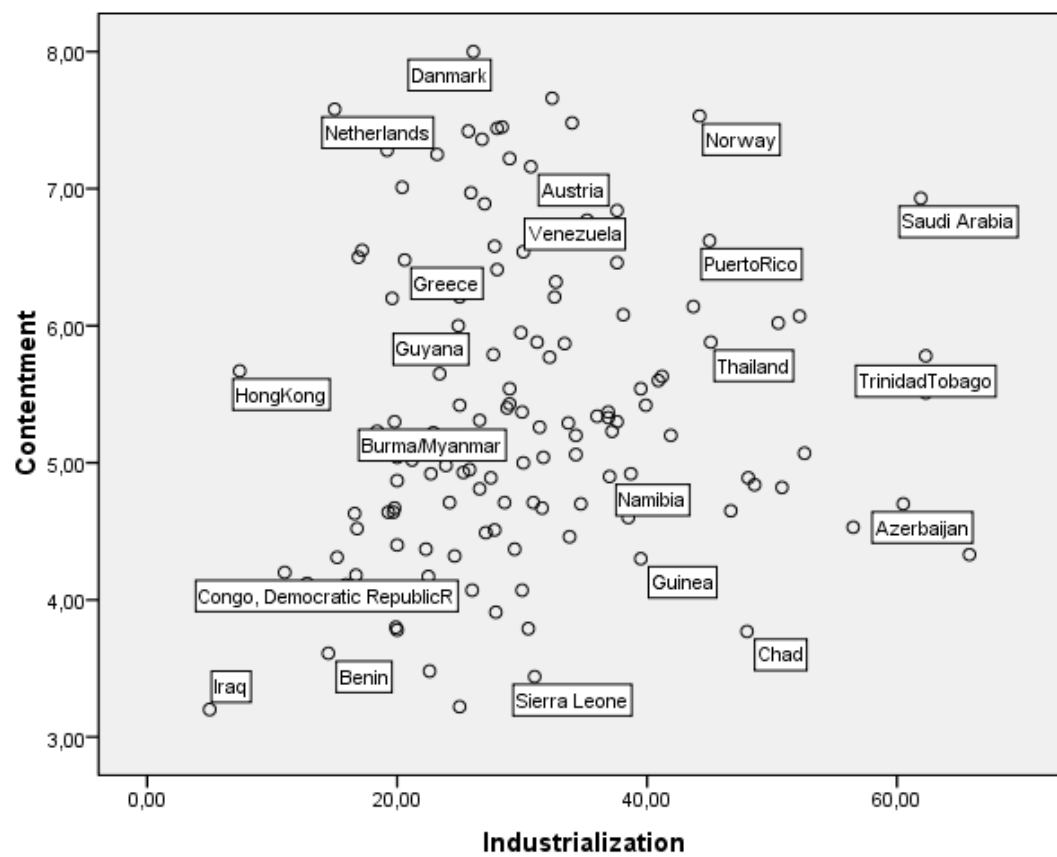


Figure 62
Size of service sector and contentment

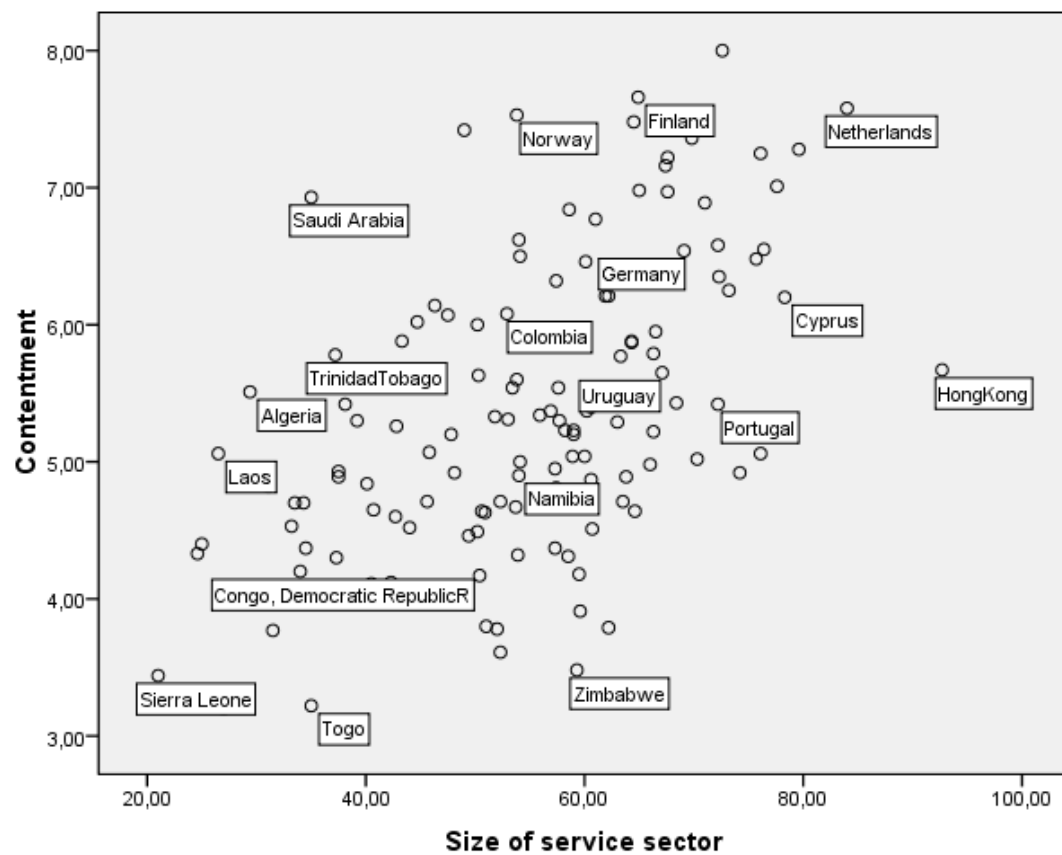


Figure 63
Free market economy and contentment

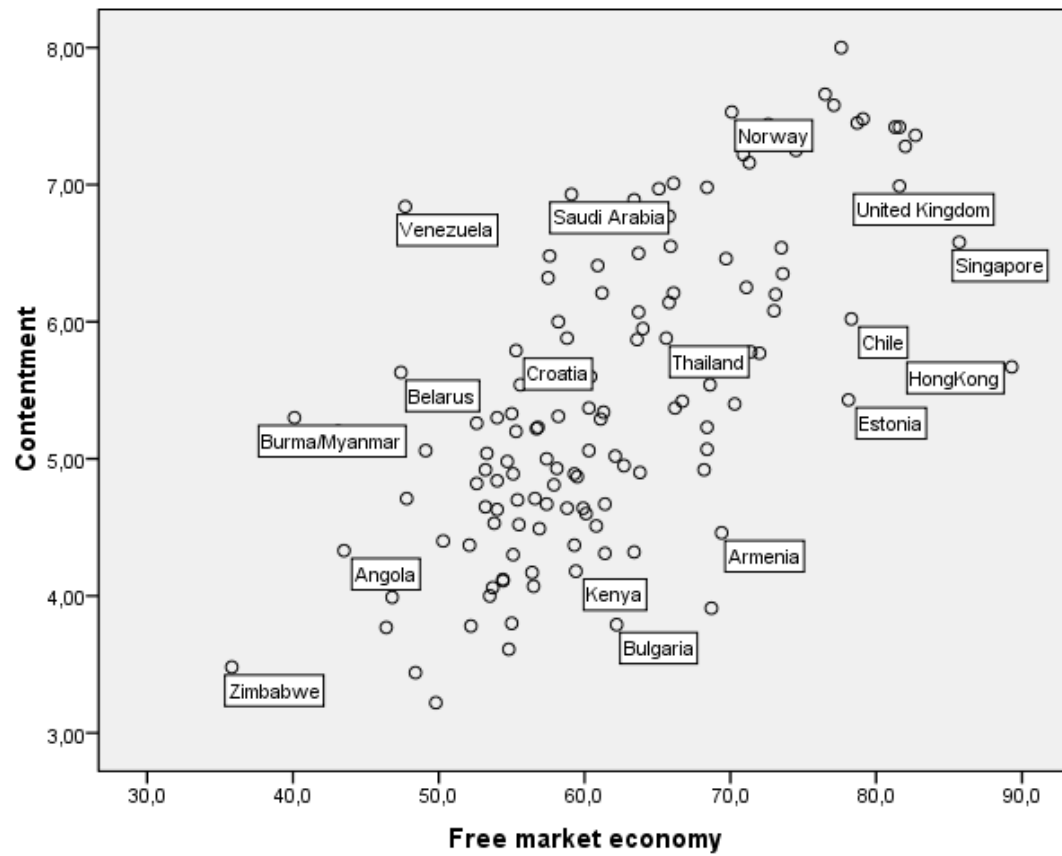


Figure 64
Globalization and contentment

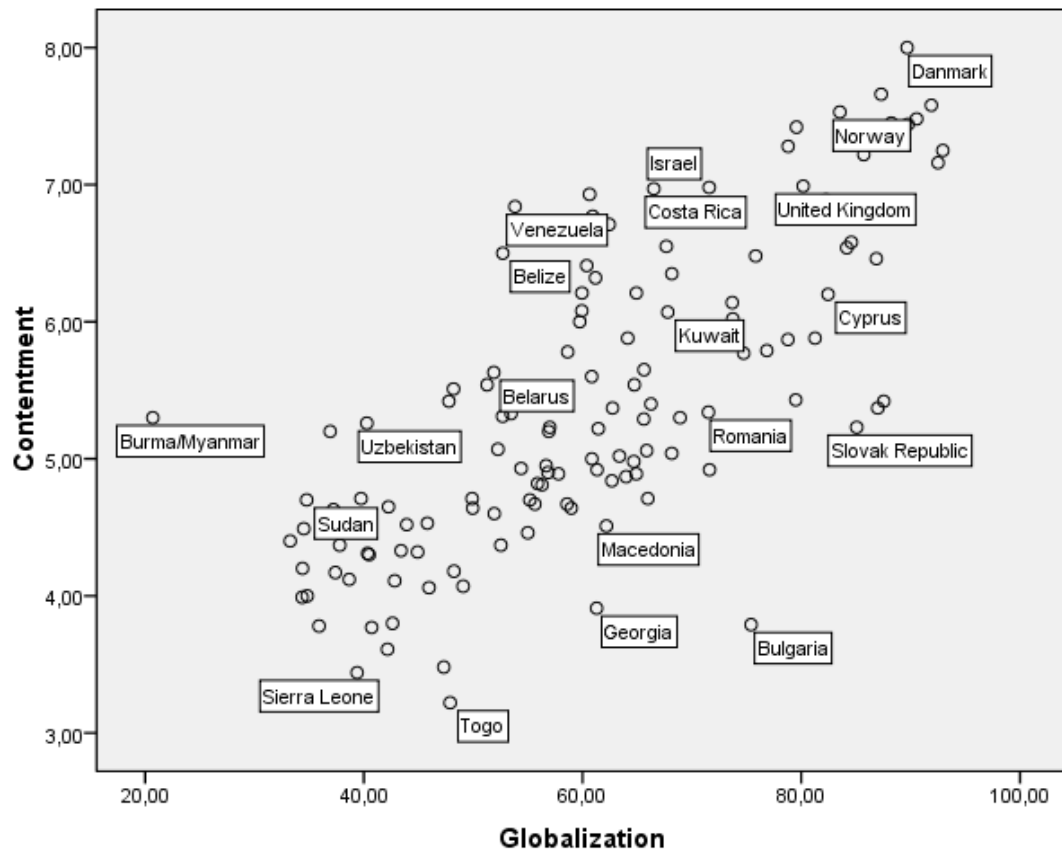


Figure 65
Affluence and contentment

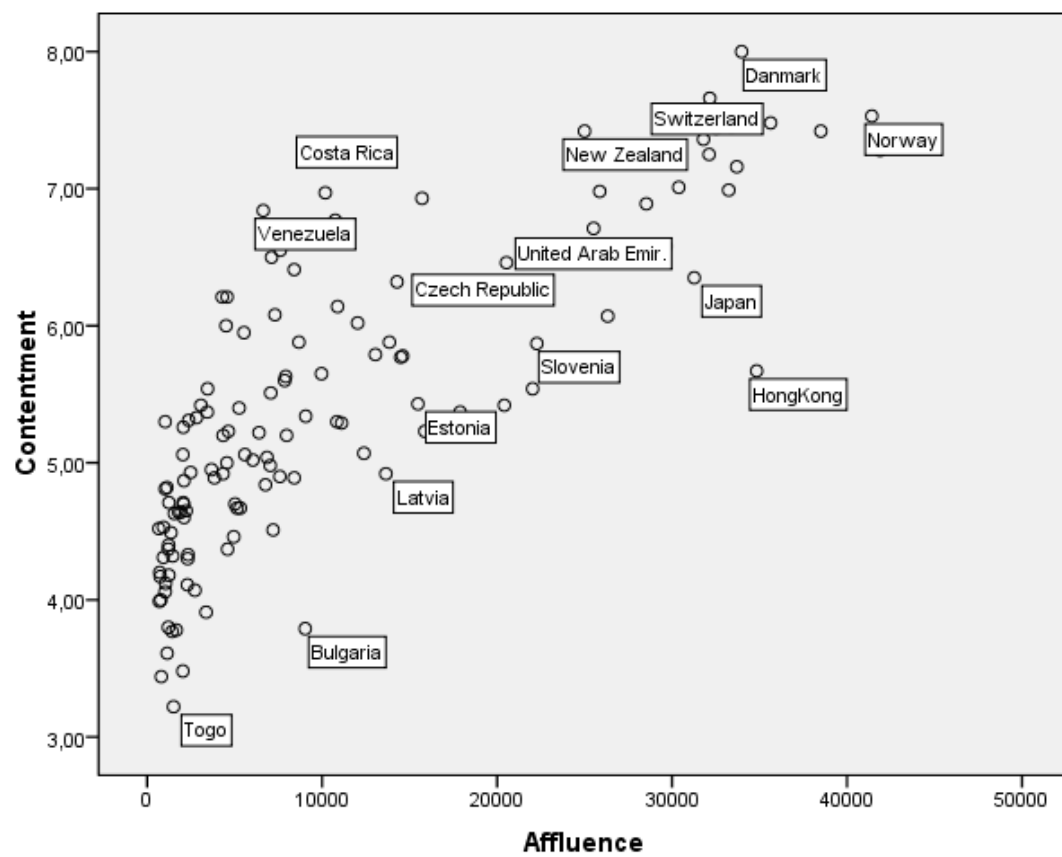


Figure 66
Education and contentment

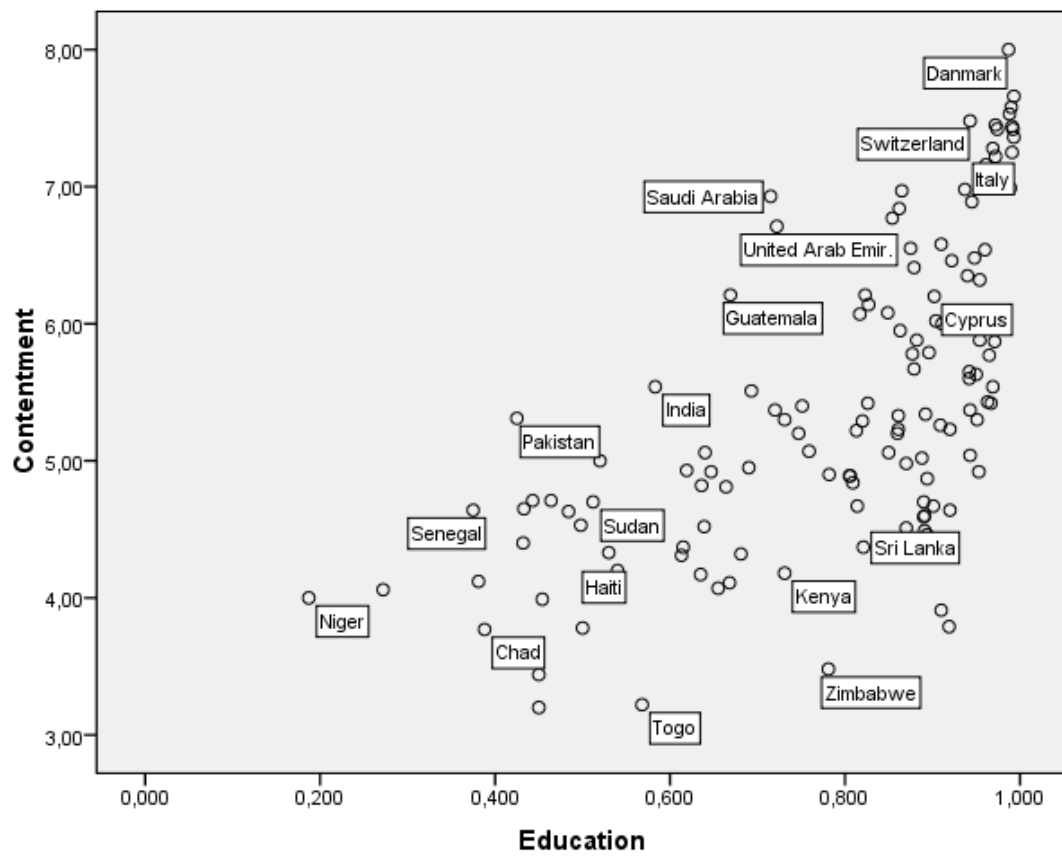


Figure 67
Democracy and contentment

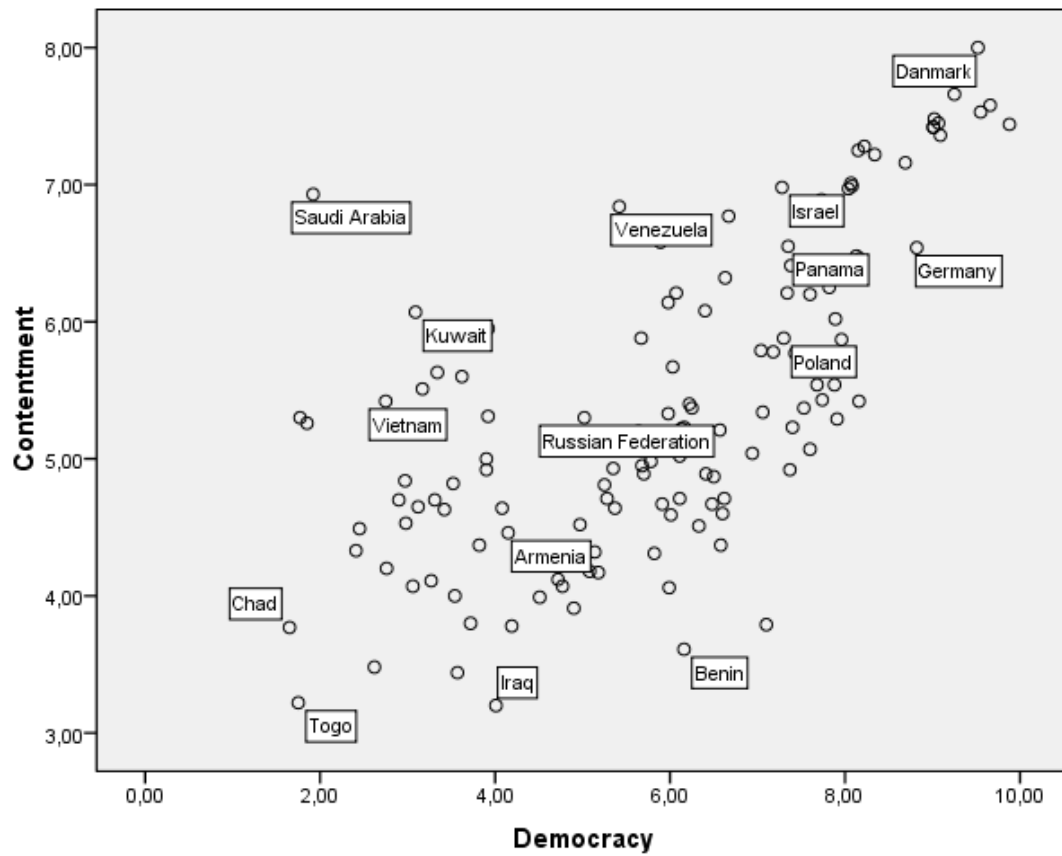


Figure 68
Urbanization and contentment

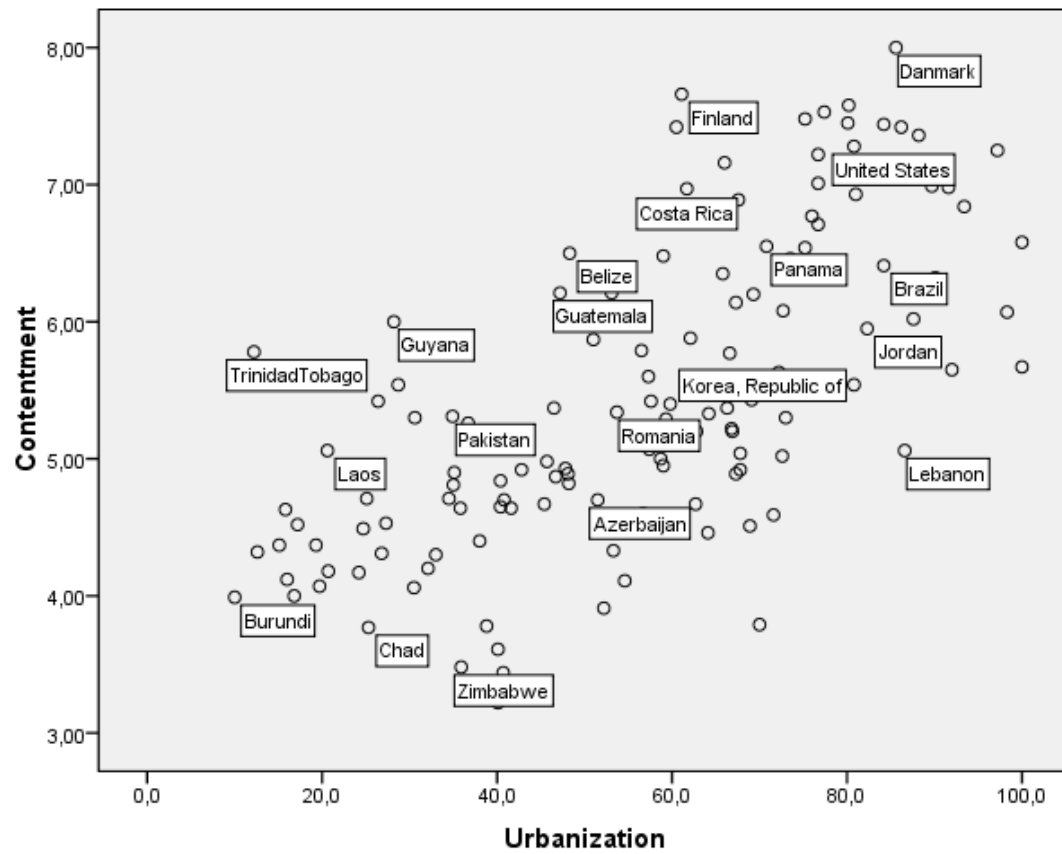


Figure 69
Industrialization and contentment
after control for affluence

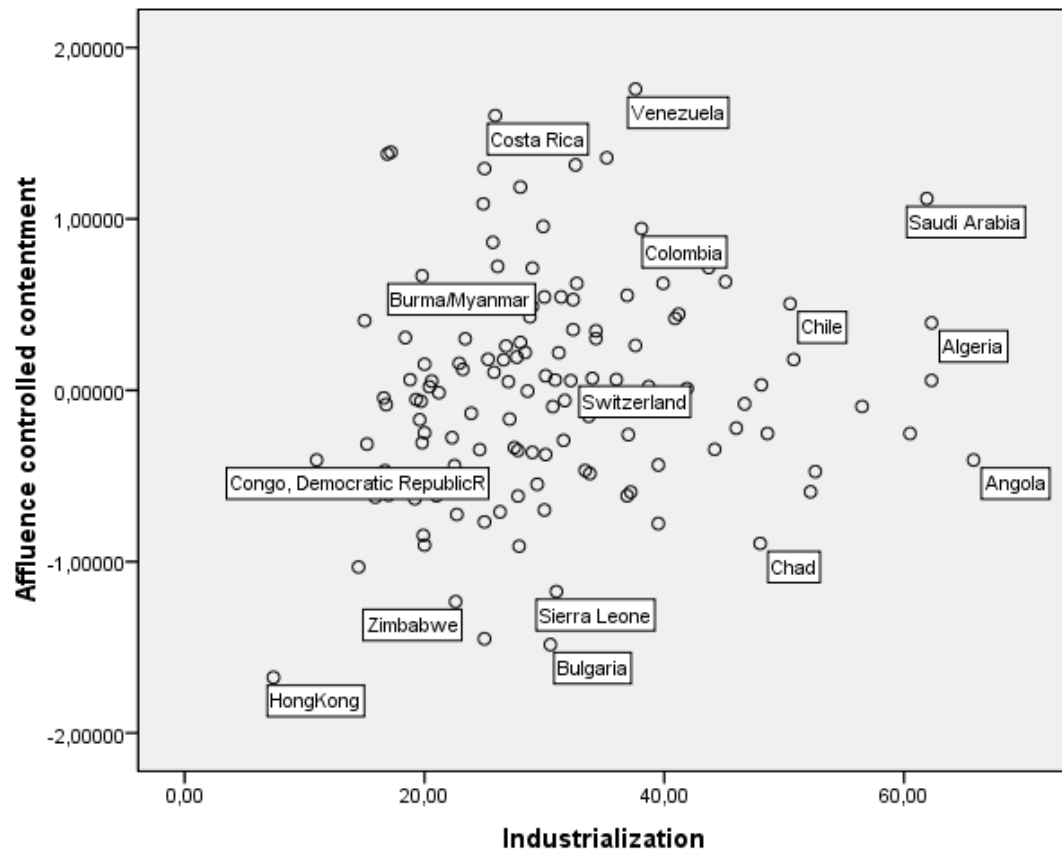


Figure 70
Size of service sector and contentment
after control for affluence

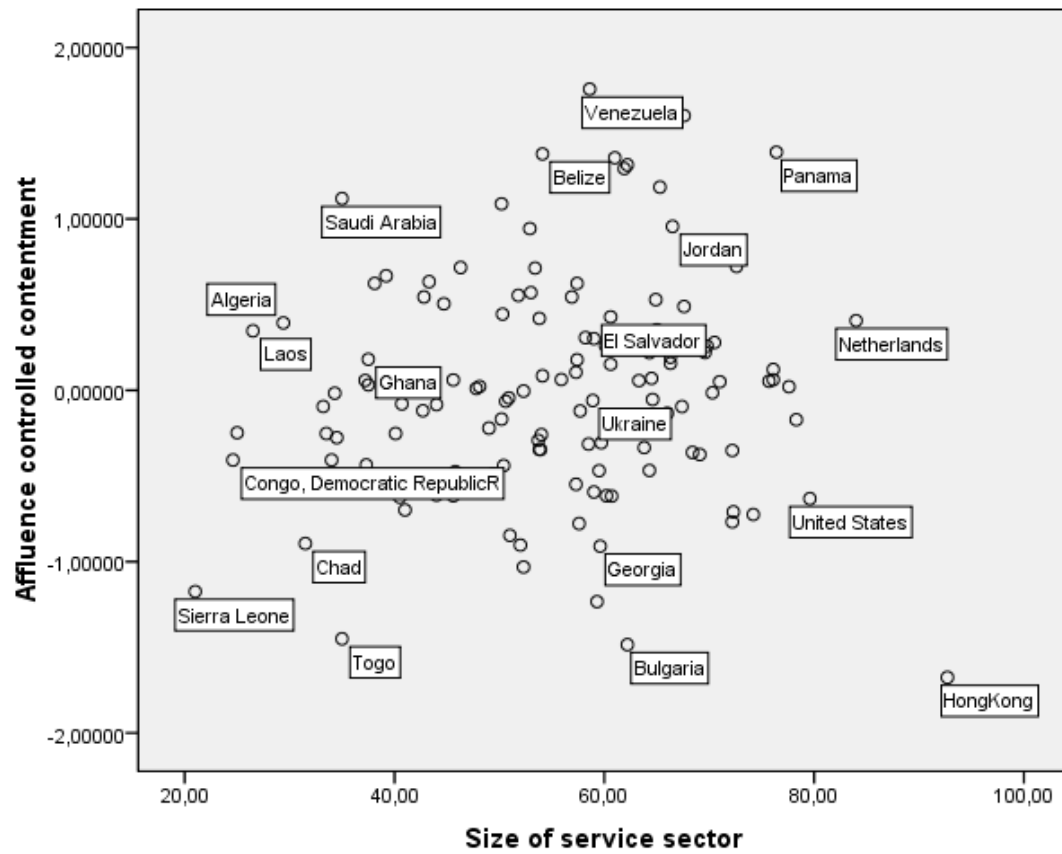


Figure 71
Free market economy and contentment
after control for affluence

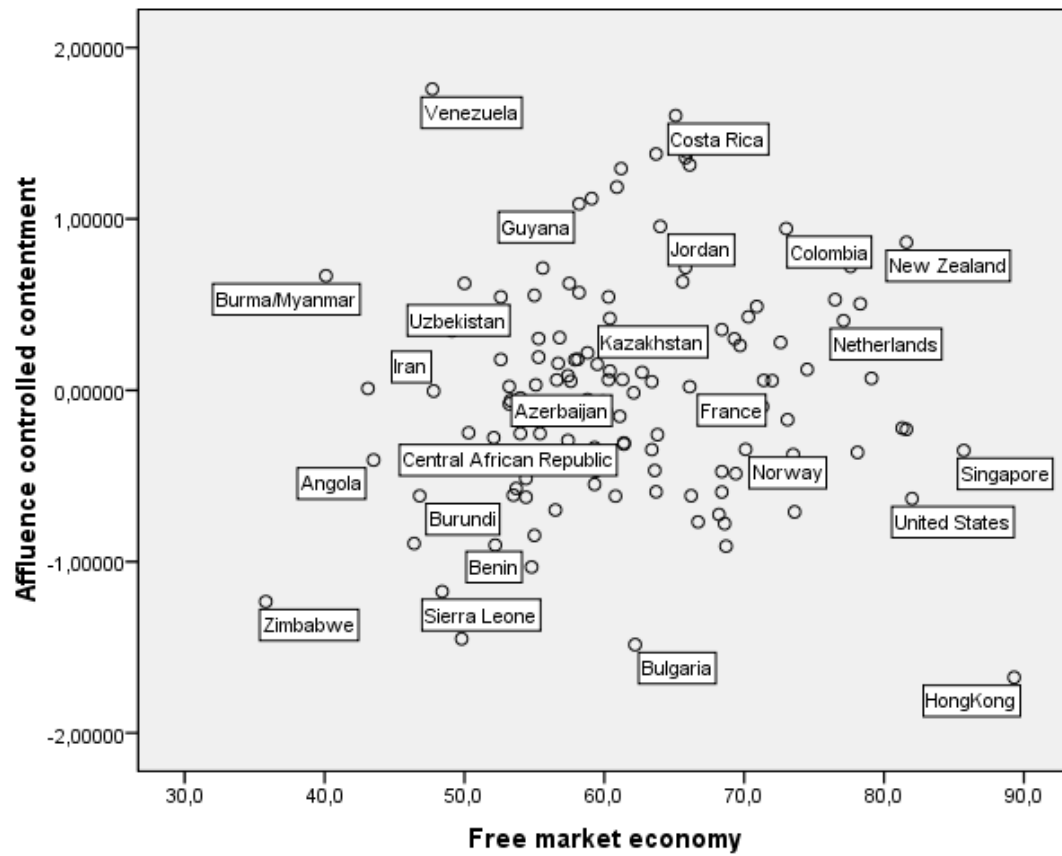


Figure 72
Globalization and contentment
after control for affluence

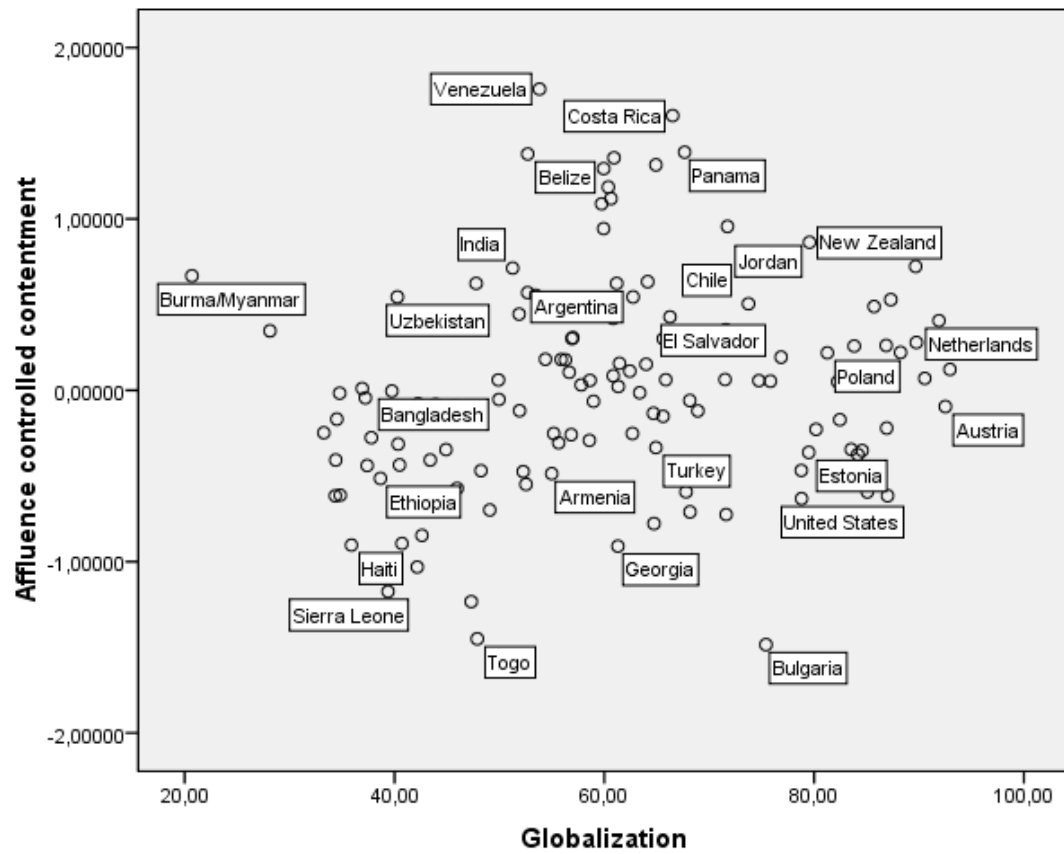


Figure 73
Education and contentment
after control for affluence

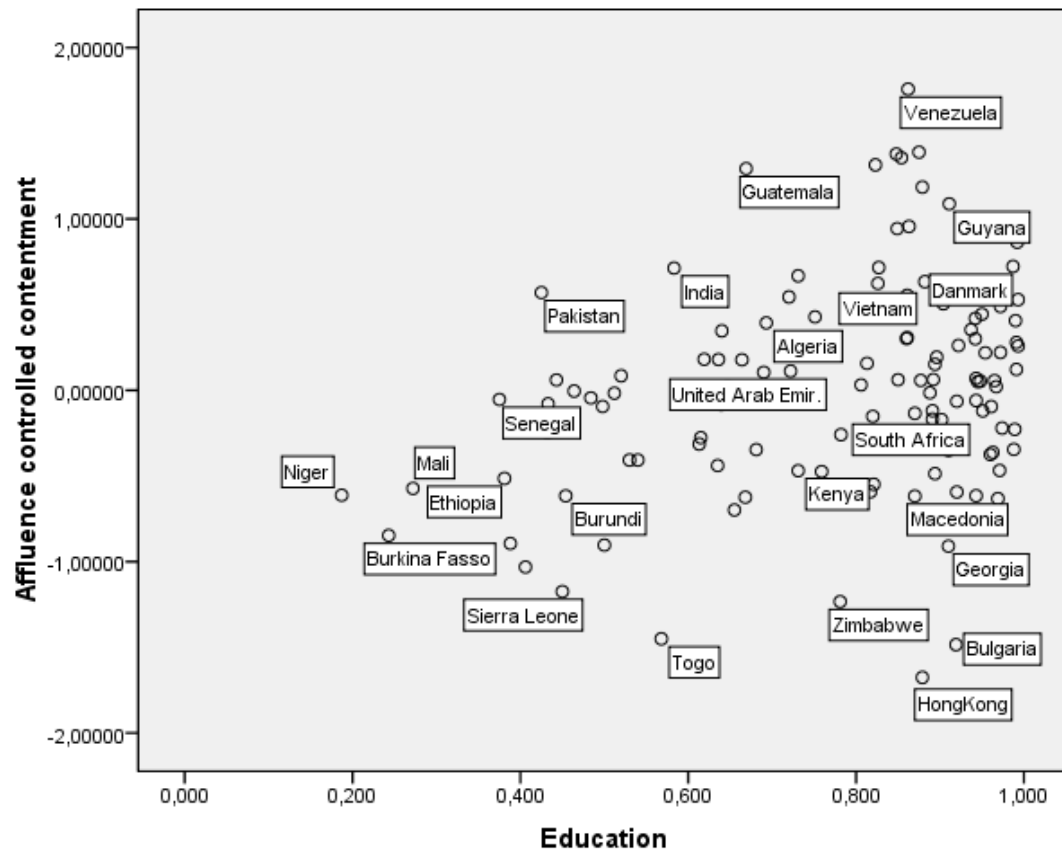


Figure 74
Democracy and contentment
after control for affluence

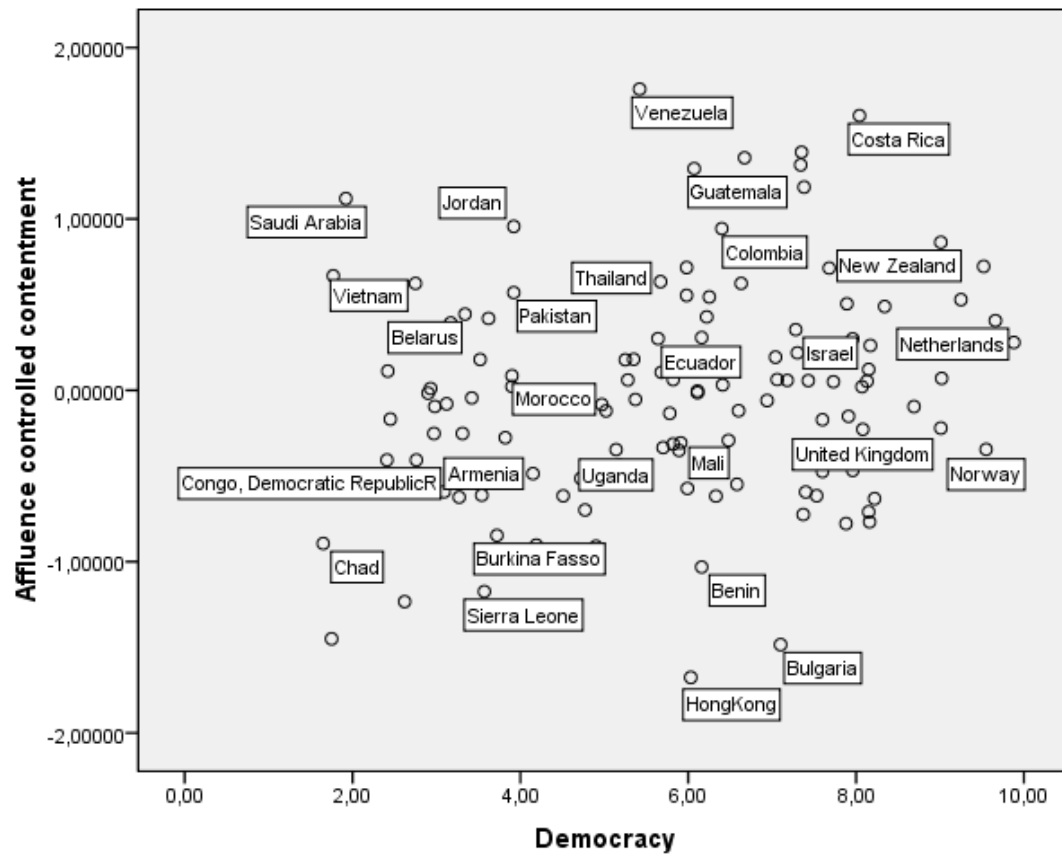


Figure 75
Urbanization and contentment
after control for affluence

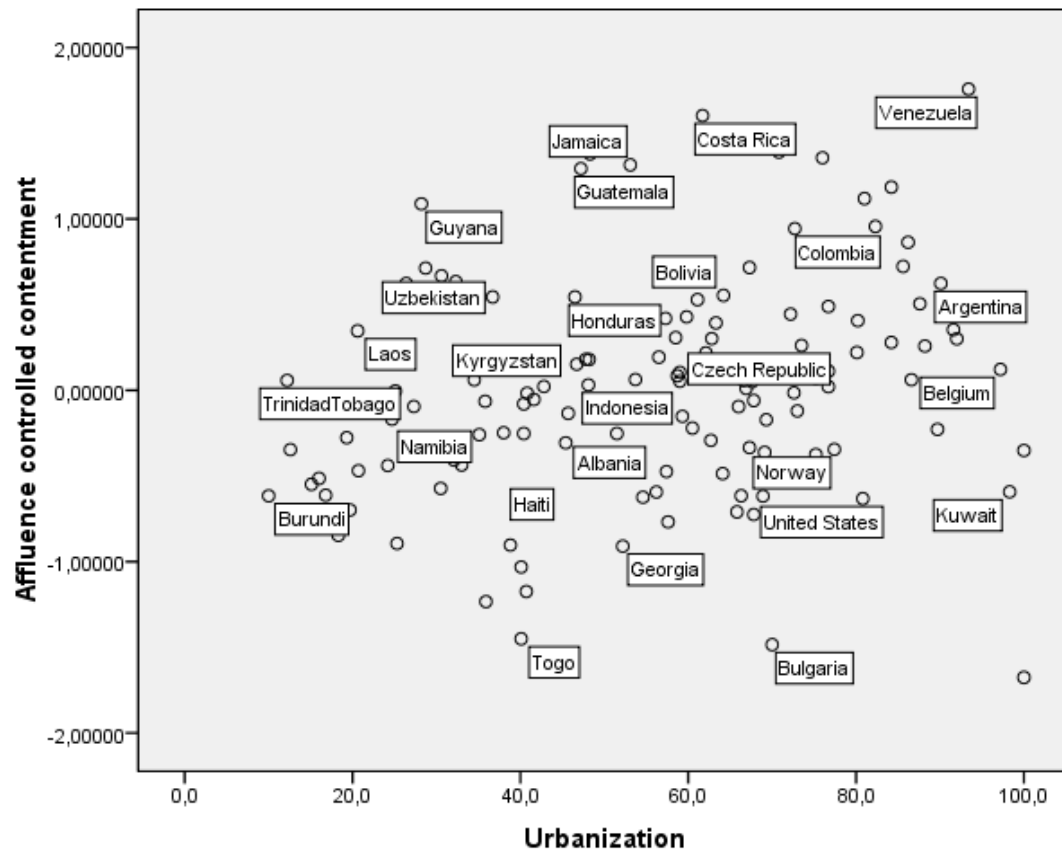


Figure 76
Industrialization and contentment
in Western countries

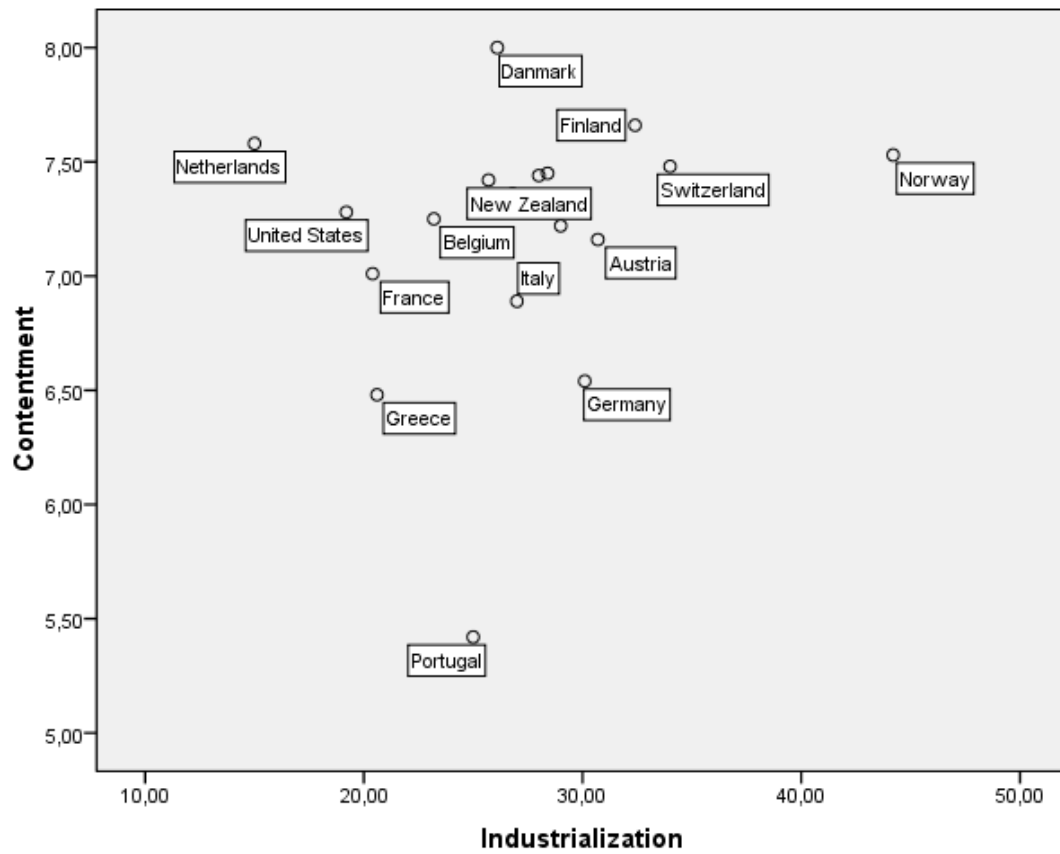


Figure 77
Size of service sector and contentment
in Western countries

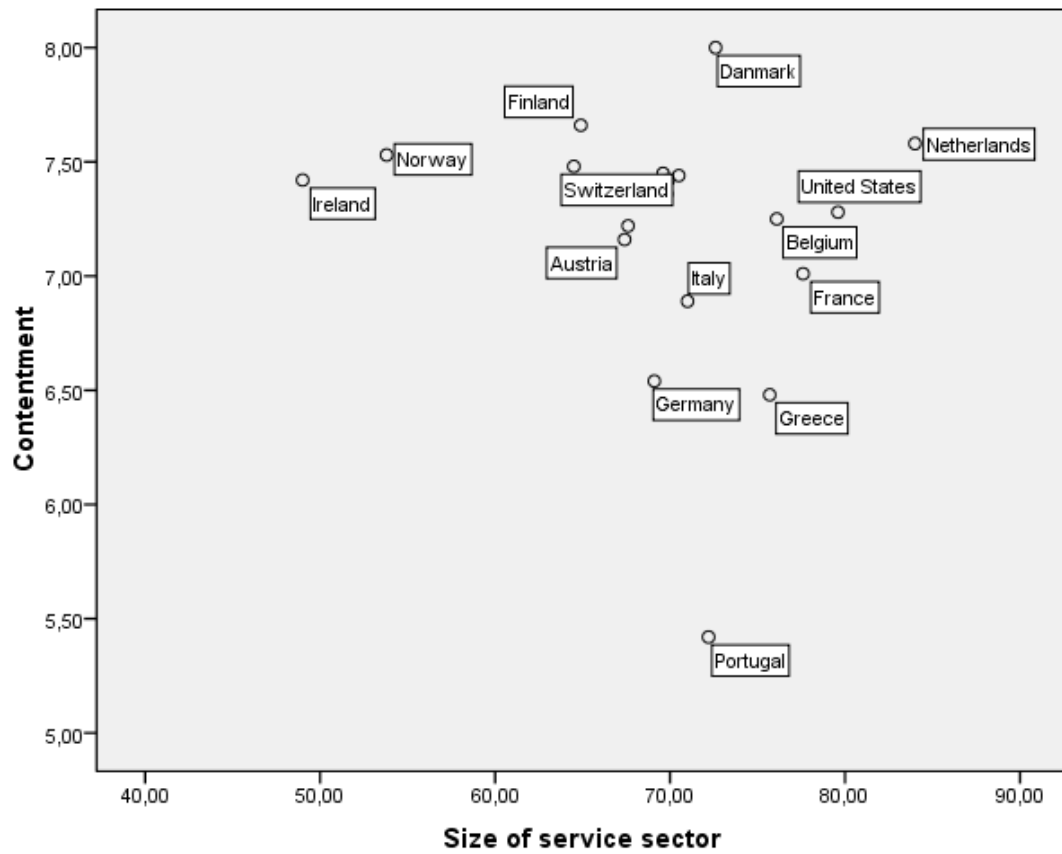


Figure 78
Free market economy and contentment
in Western countries

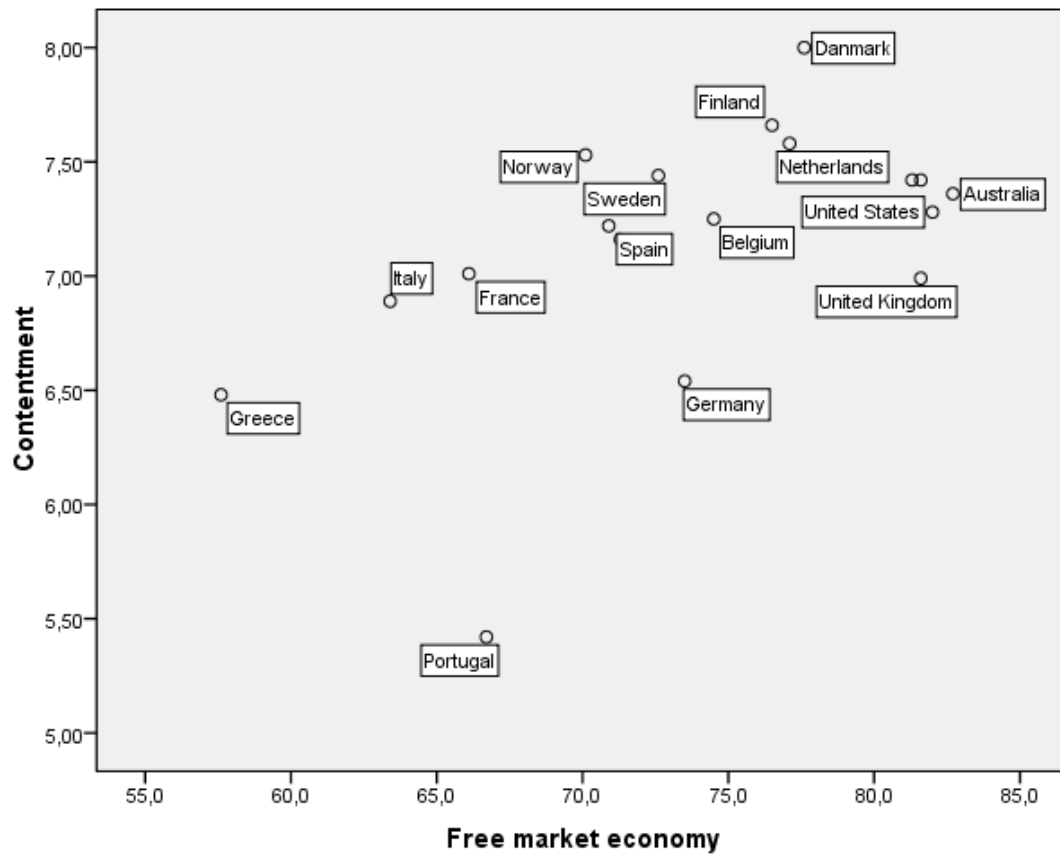


Figure 79
Globalization and contentment
in Western countries

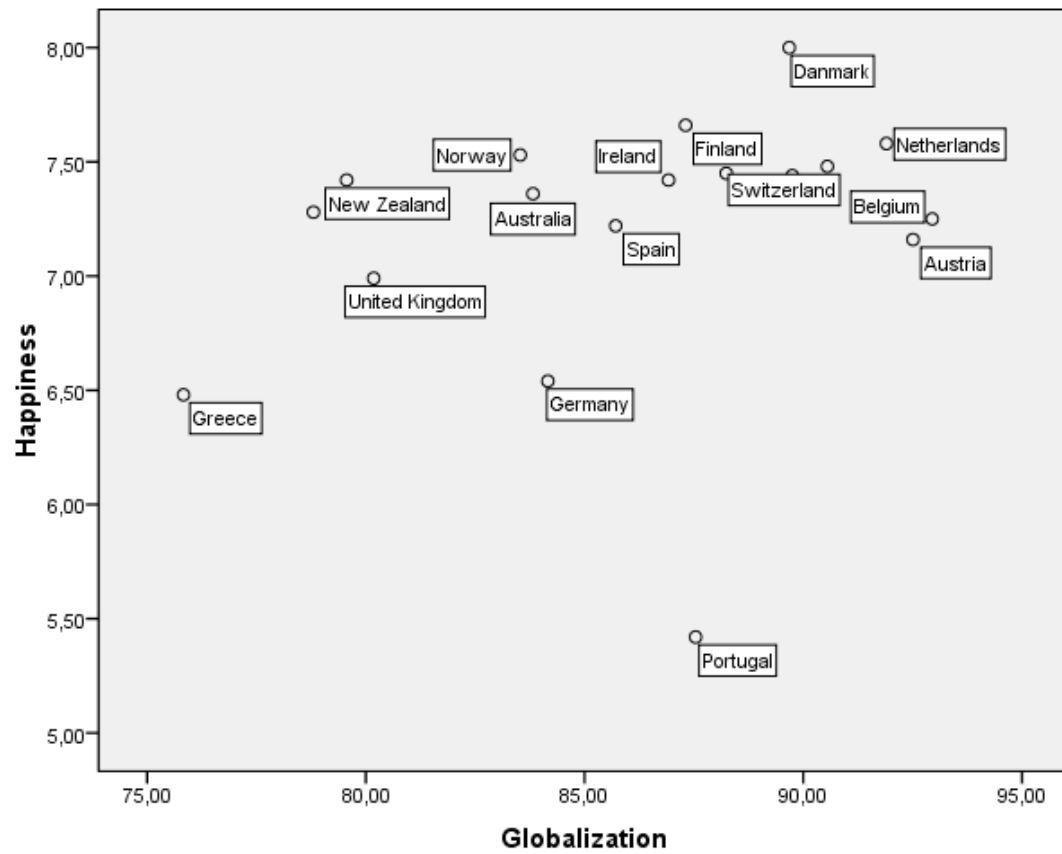


Figure 80
Affluence and contentment
in Western countries

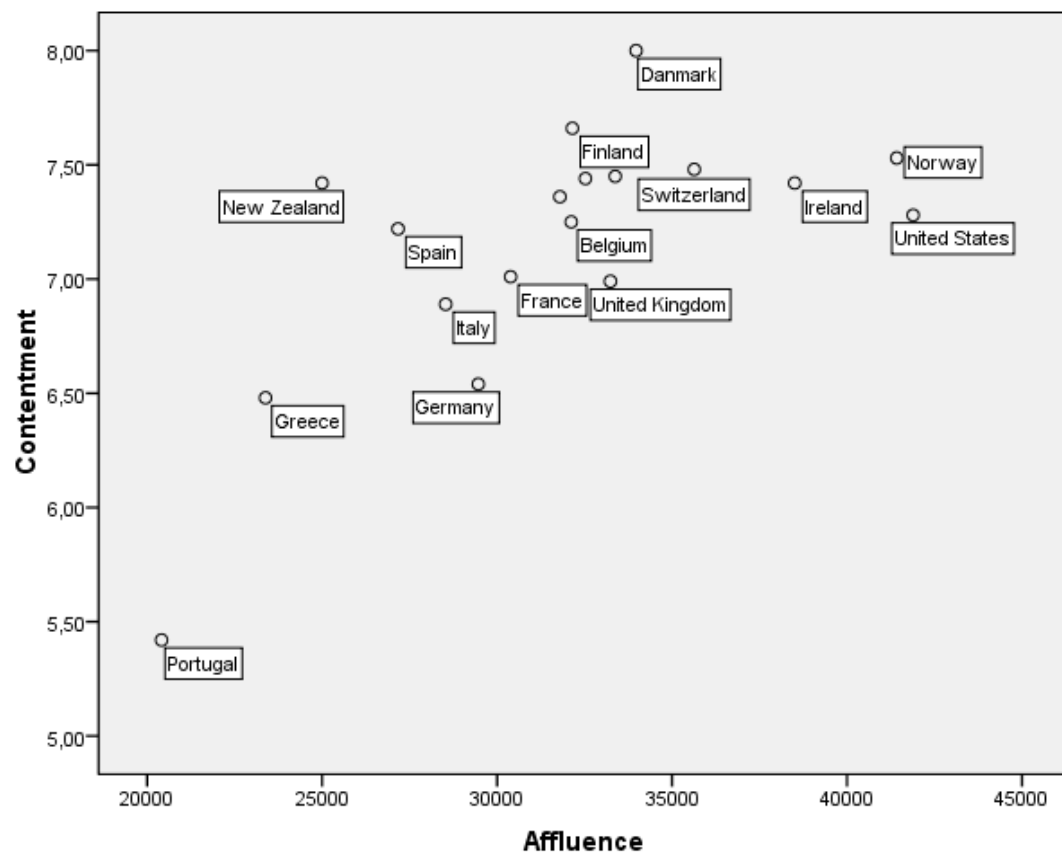


Figure 81
Education and contentment
in Western countries

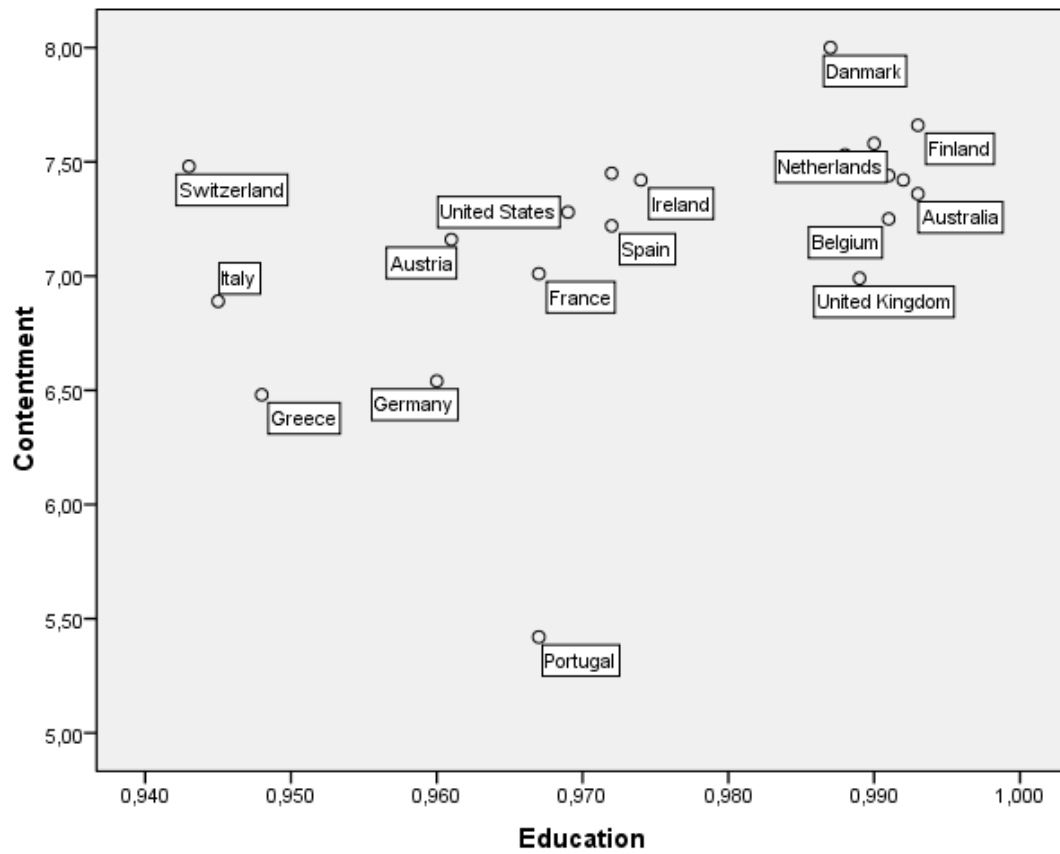


Figure 82
Democracy and contentment
in Western countries

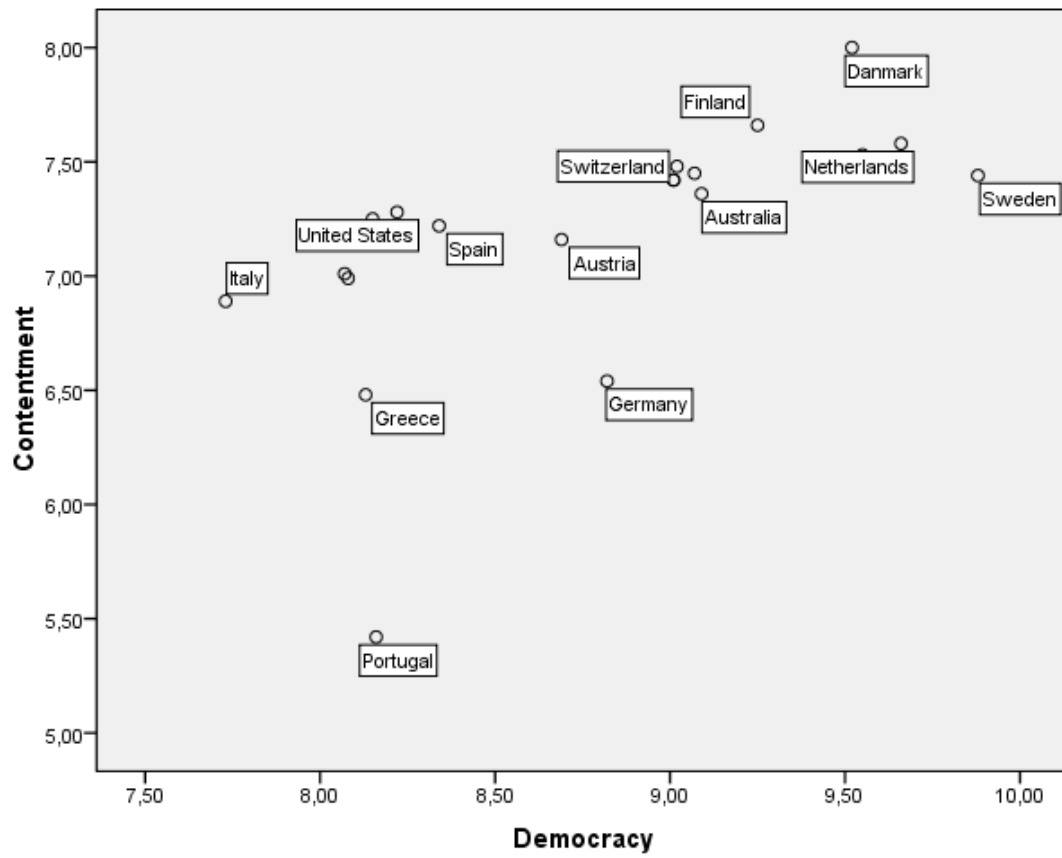


Figure 83
Urbanization and contentment
in Western countries

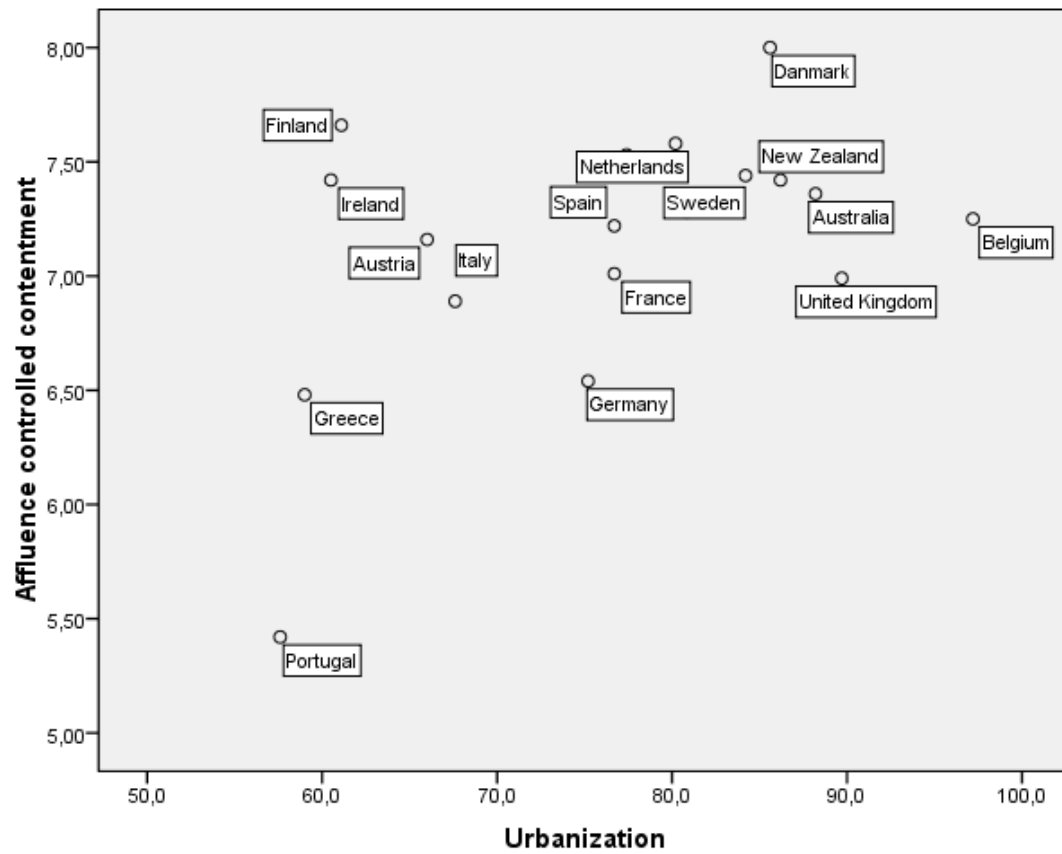


Figure 84
Industrialization and contentment
after control for affluence in Western countries

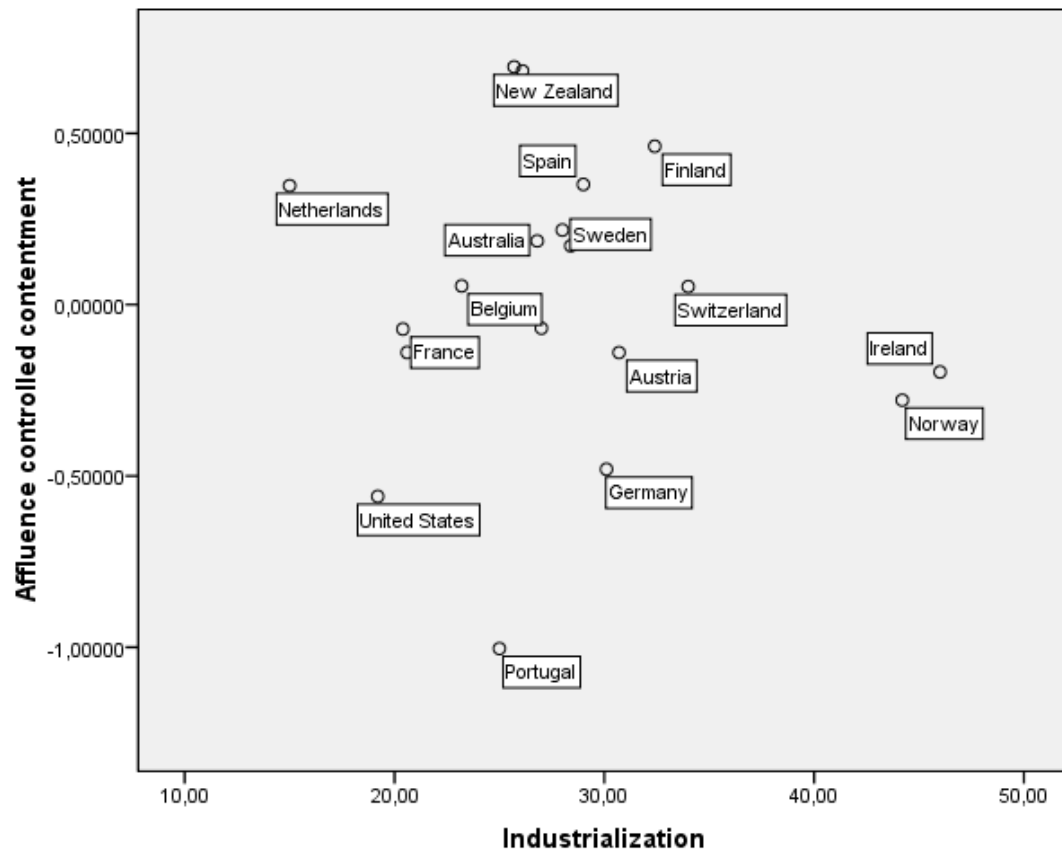


Figure 85
Size of service sector and contentment
after control for affluence in Western countries

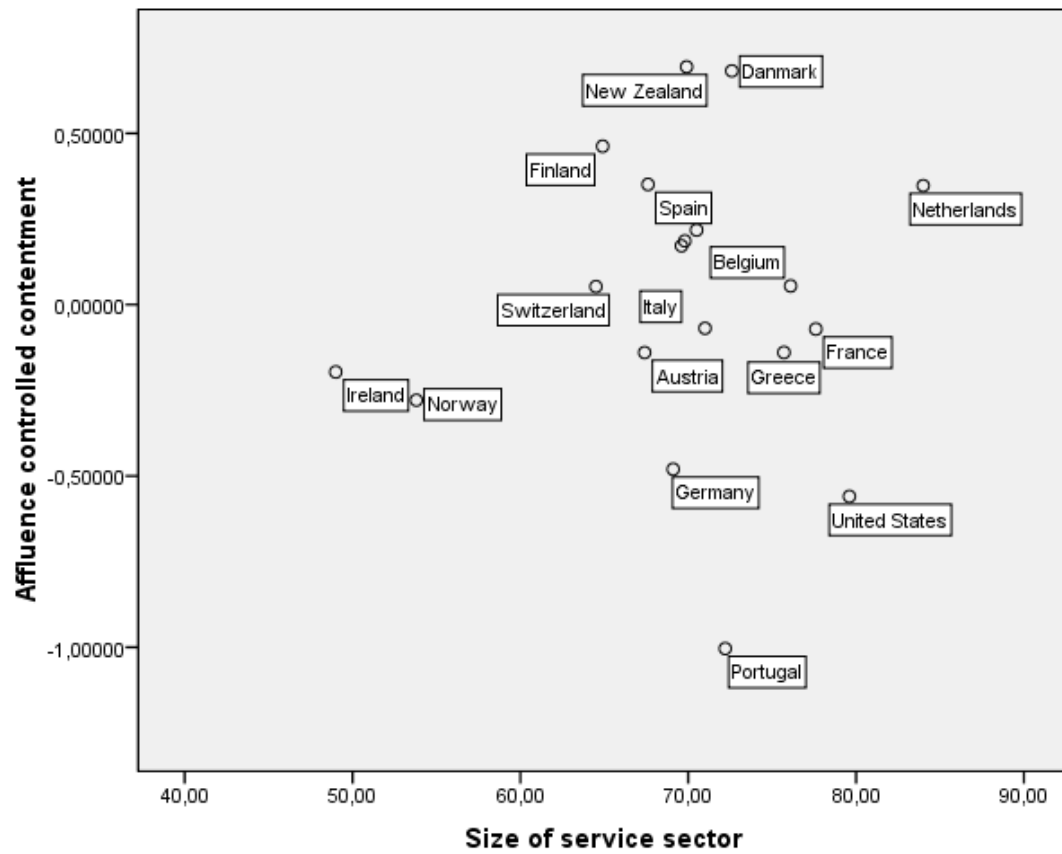


Figure 86

Free market economy and contentment
after control for affluence in Western countries

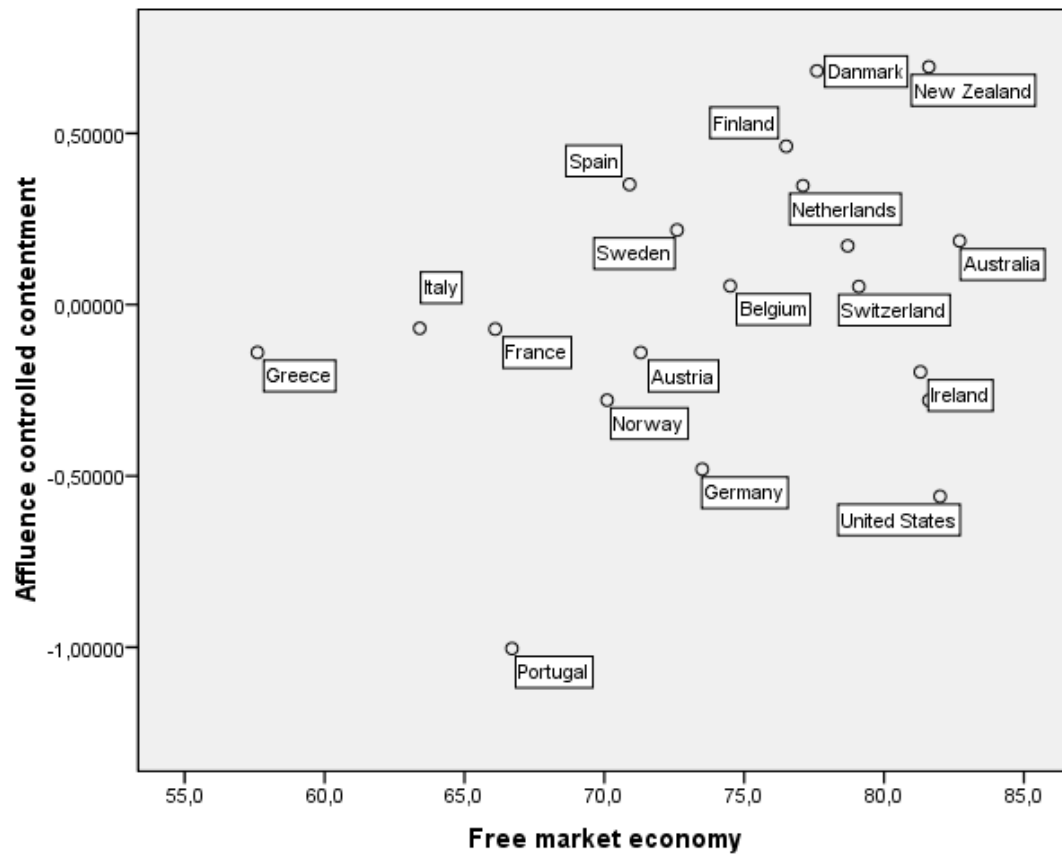


Figure 87

Globalization and contentment

after control for affluence in Western countries

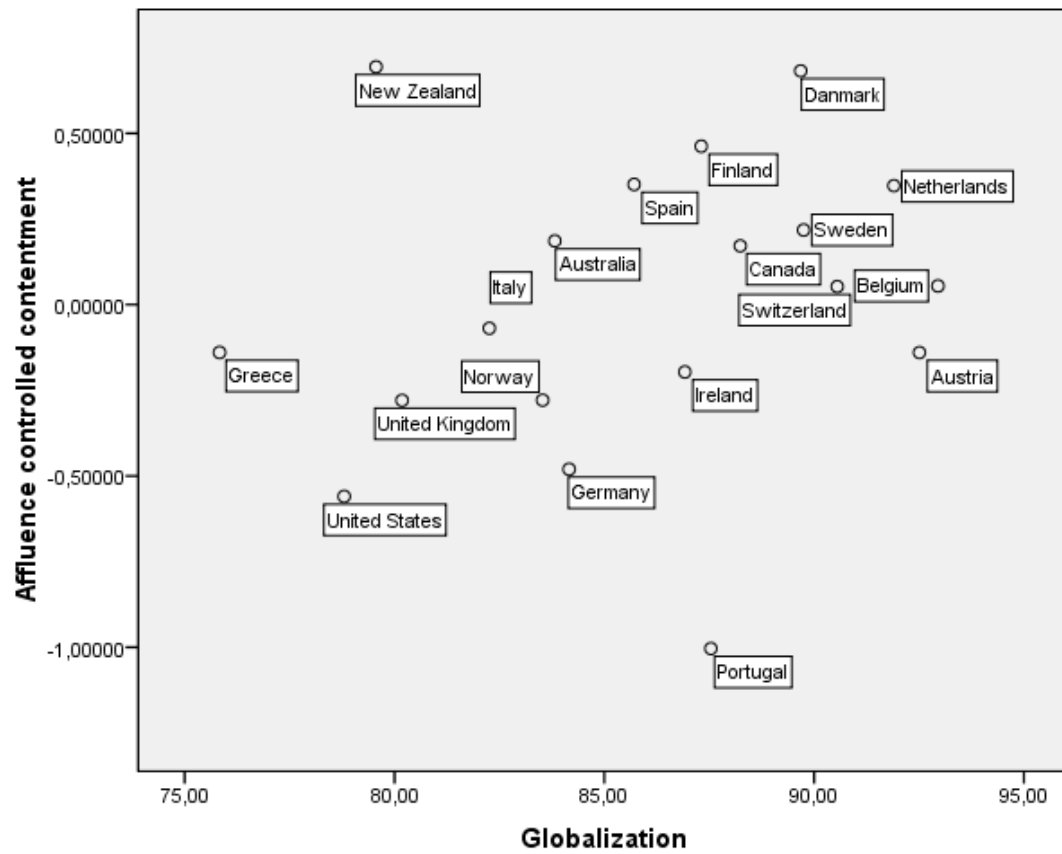


Figure 88
Education and contentment
after control for affluence in Western countries

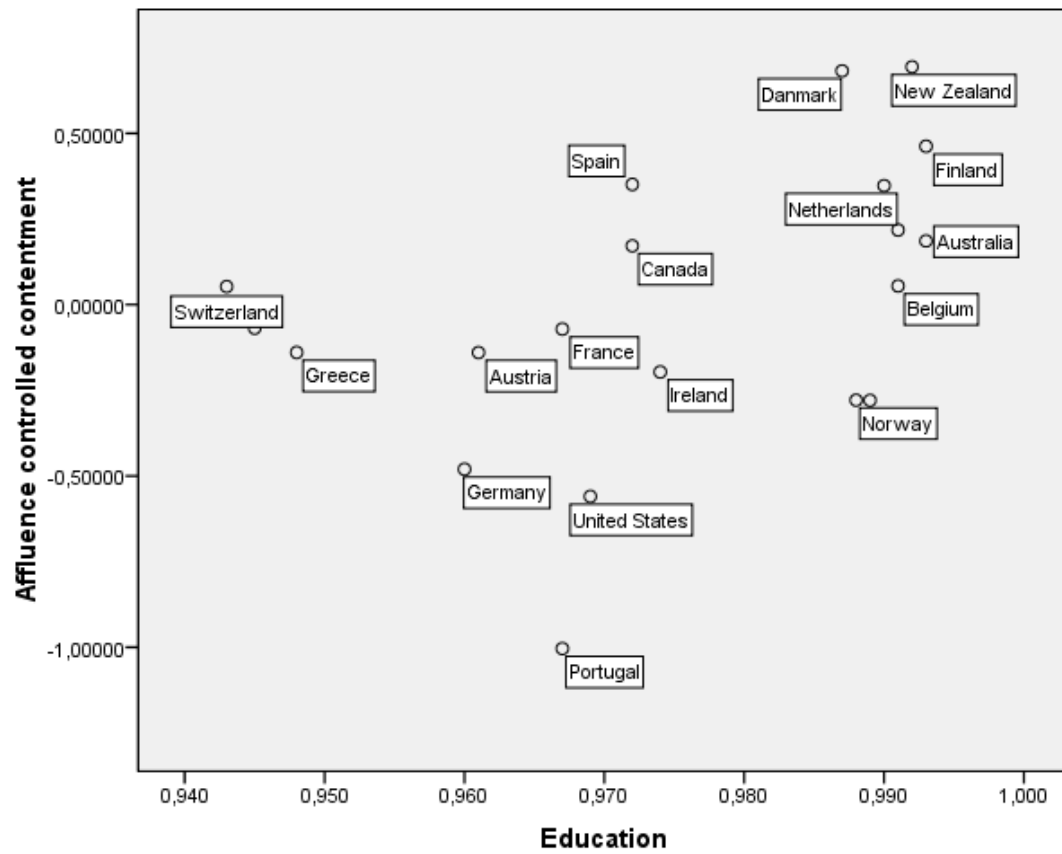


Figure 89
Democracy and contentment
after control for affluence in Western countries

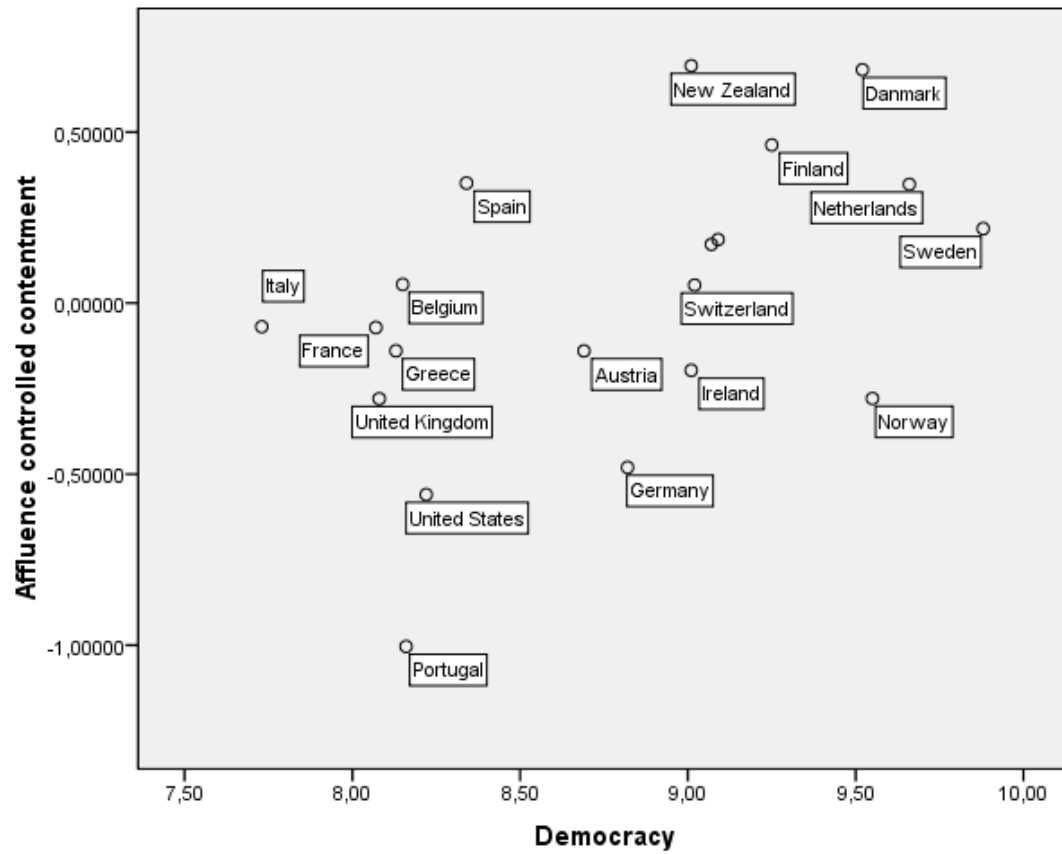


Figure 90
Urbanization and contentment
after control for affluence in Western countries

