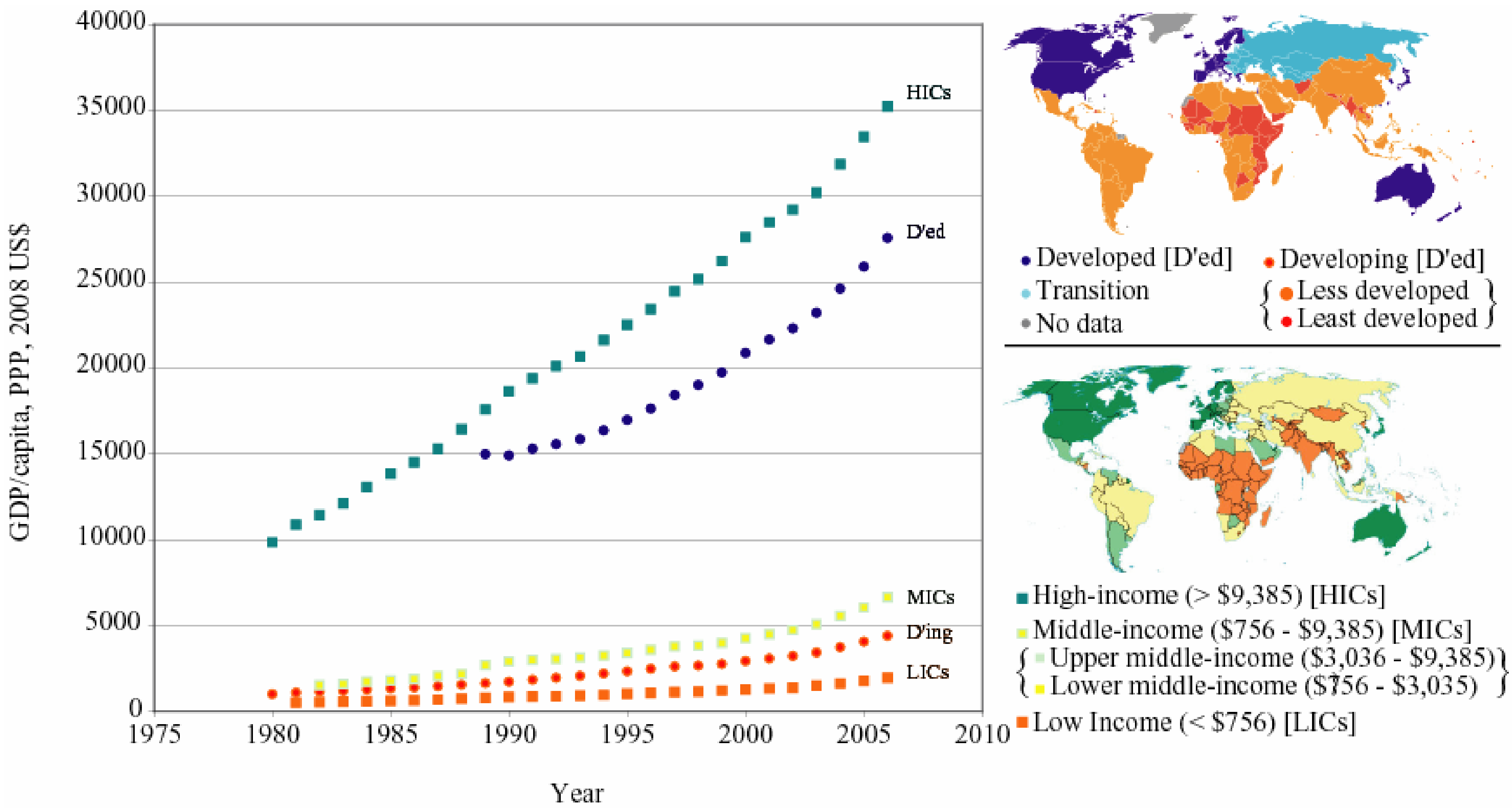
Science:
A Palette of Ethical Issues

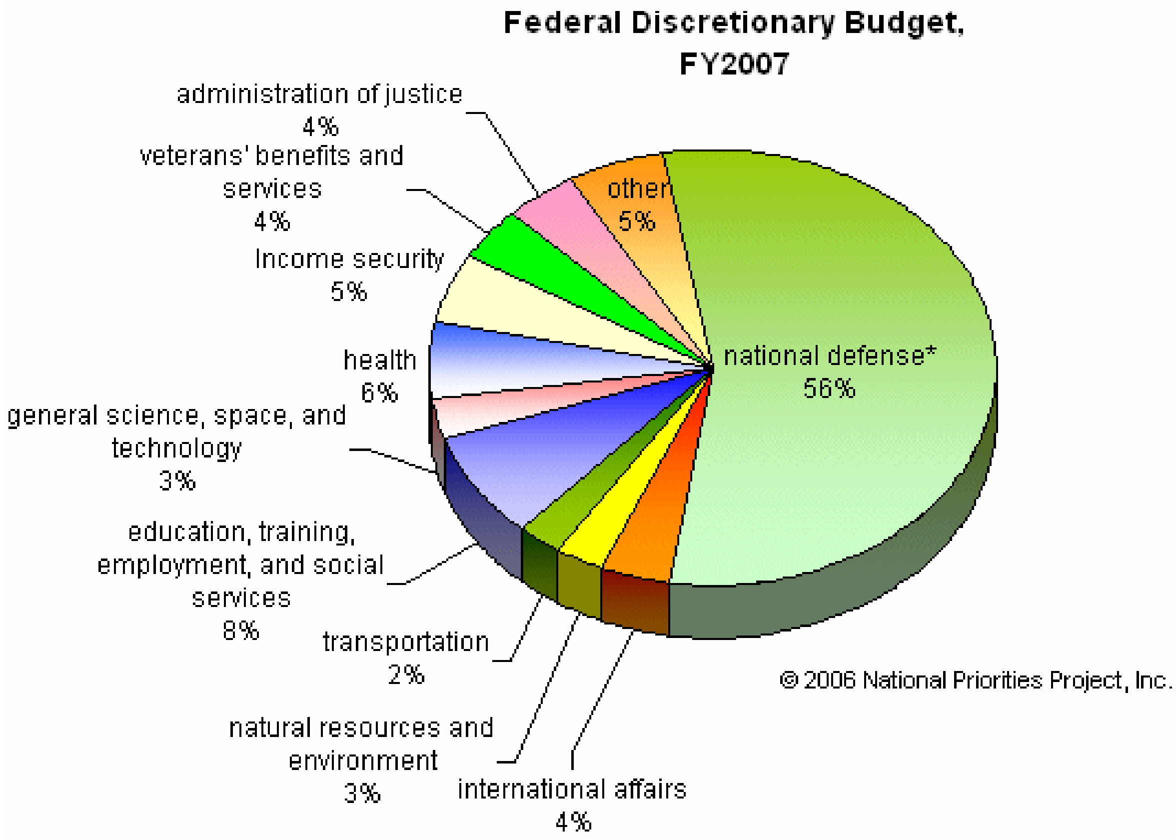
(1) Resource Allocation

Is scientific funding unjustified?



(1) Resource Allocation

Is scientific funding unjustified?

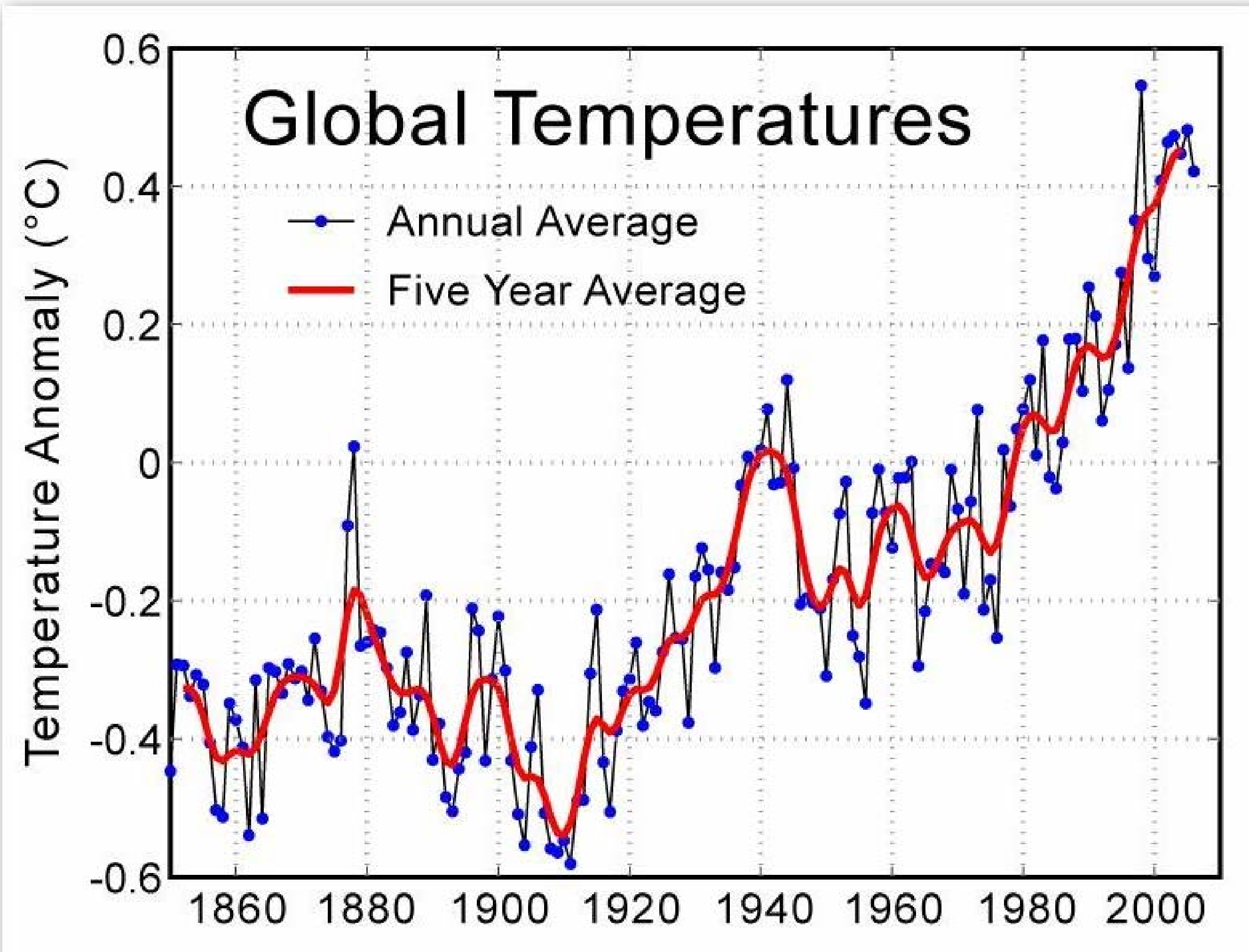


Other: energy, agriculture, commerce and housing credit, community and regional development, general government, and the administration of Social Security and Medicare.

*National defense does include $50 billion in anticipated funding for the wars in Iraq and Afghanistan. However, it is likely that the wars will cost around $100 - $125 billion.

(1) Resource Allocation

Should scientific effort be more coordinated?

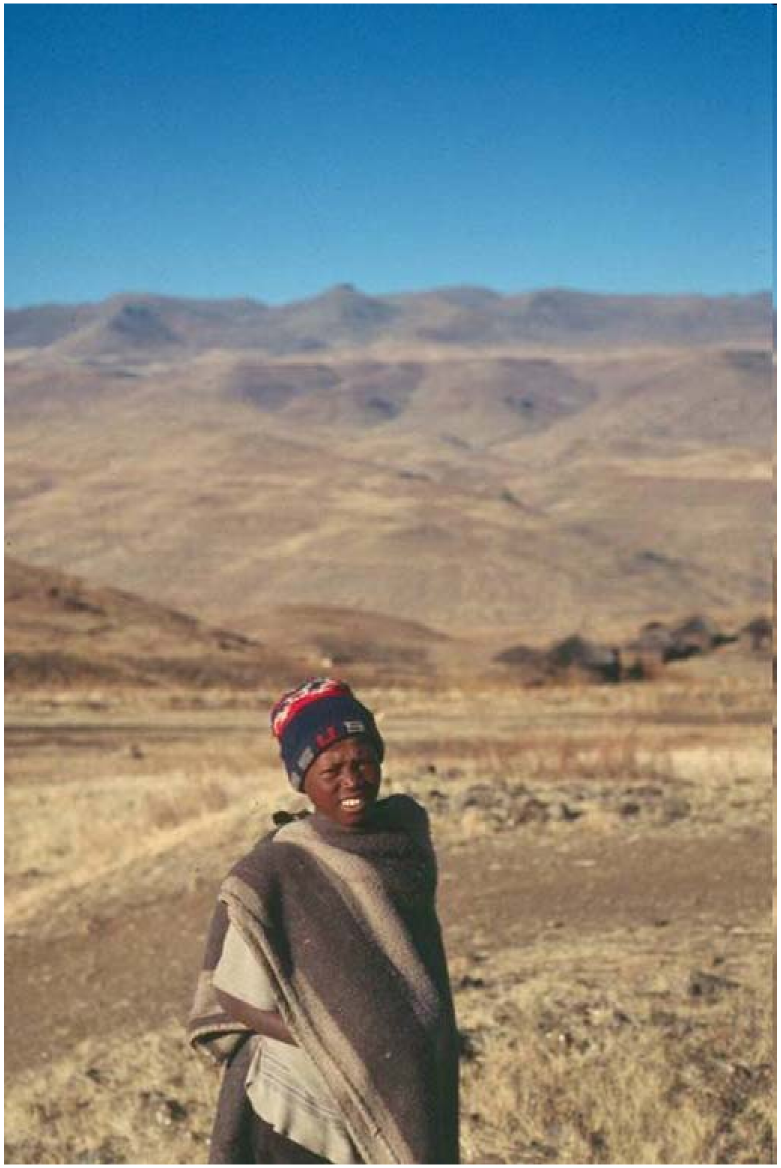


(2) 'Sustainable' Science

'*Campylobacter jejuni* in Penguins, Antarctica'
Petra Griekspoor, Björn Olsen, and Jonas Waldenström
Emerg Infect Dis. 2009 May; 15(5): 847–849.

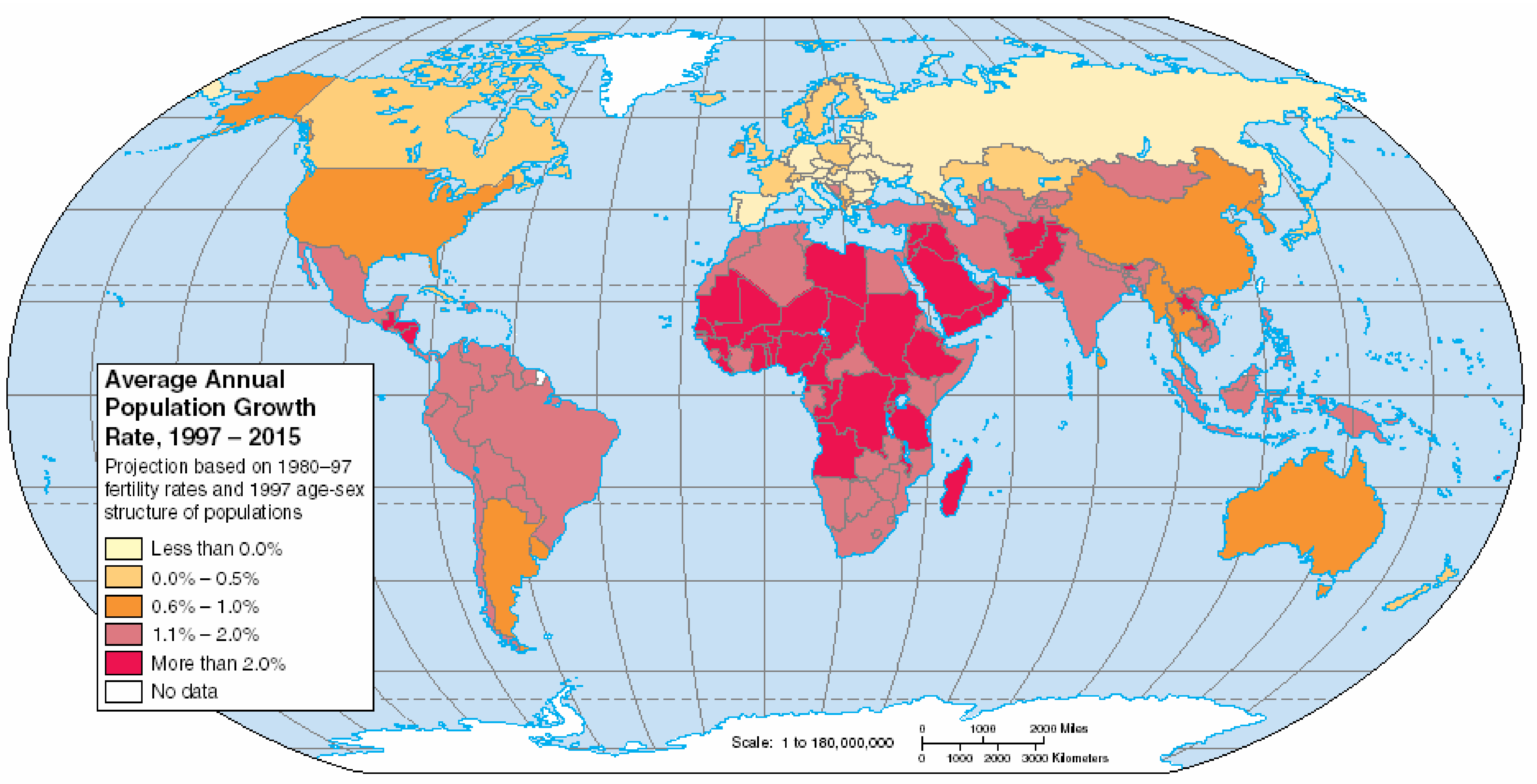
(3) ‘Development’ ‘assistance’

Human Population



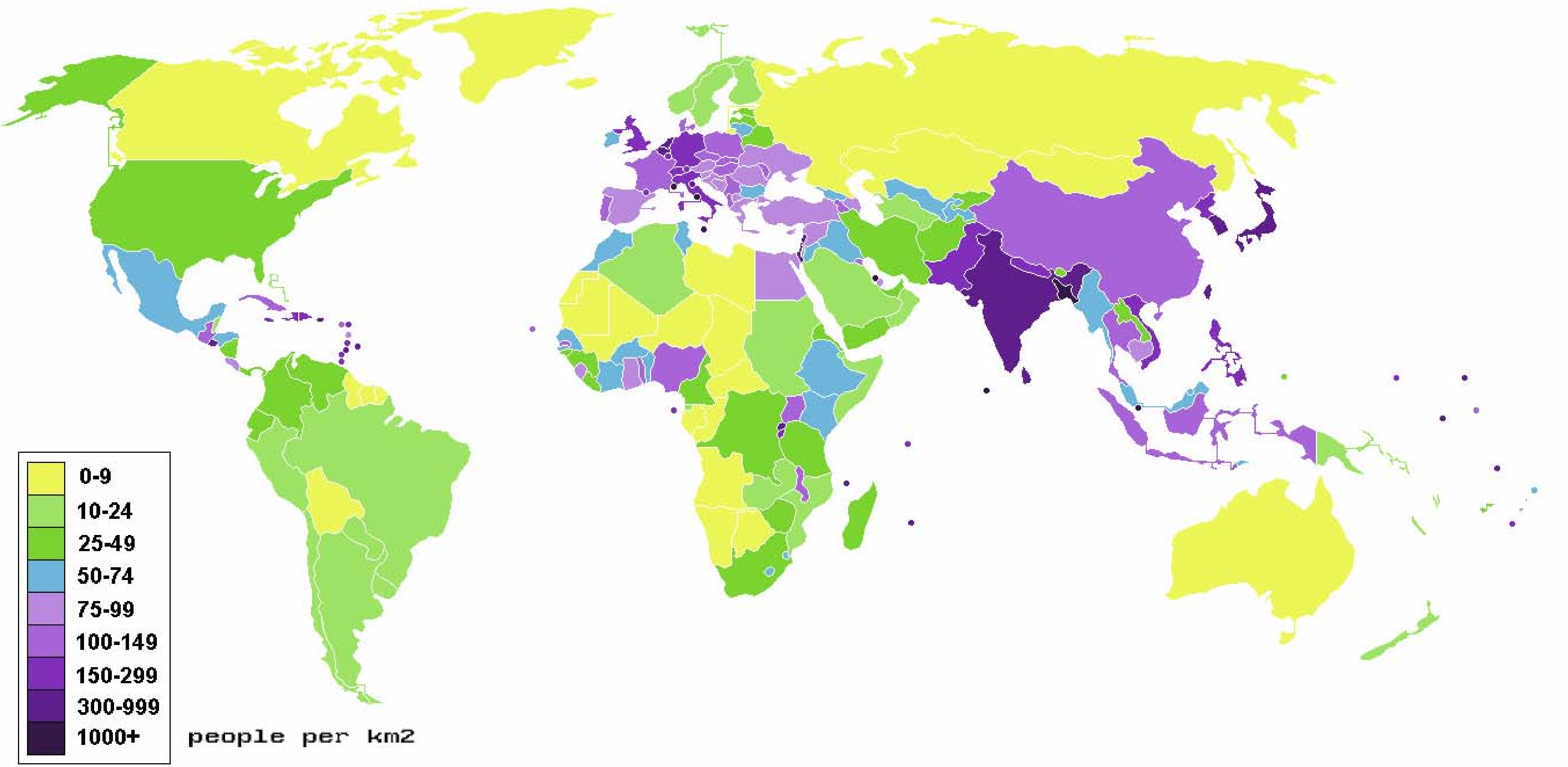
(3) ‘Development’ ‘assistance’

Human Population



(3) ‘Development’ ‘assistance’

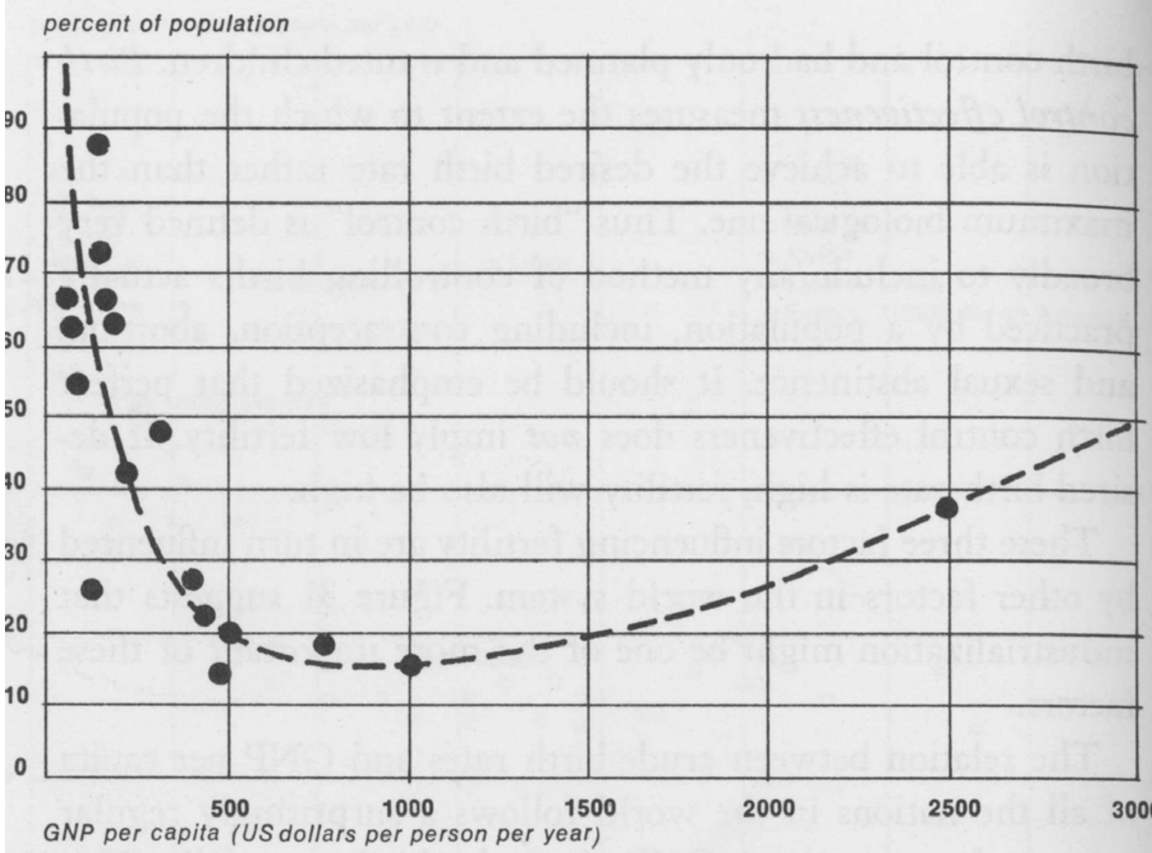
Human Population



(3) ‘Development’ ‘assistance’

Human Population

Figure 32 FAMILIES WANTING FOUR OR MORE CHILDREN AND GNP PER CAPITA



Respondents to family planning surveys in seventeen different countries indicated how many children they would like to have. The percentage of respondents desiring large families (four or more children) shows a relationship to average GNP per capita comparable to the trend shown in figure 31.

SOURCE: Bernard Berelson et al., *Family Planning and Population Programs* (Chicago: University of Chicago Press, 1965).

(4) Inequality

(4) Inequality

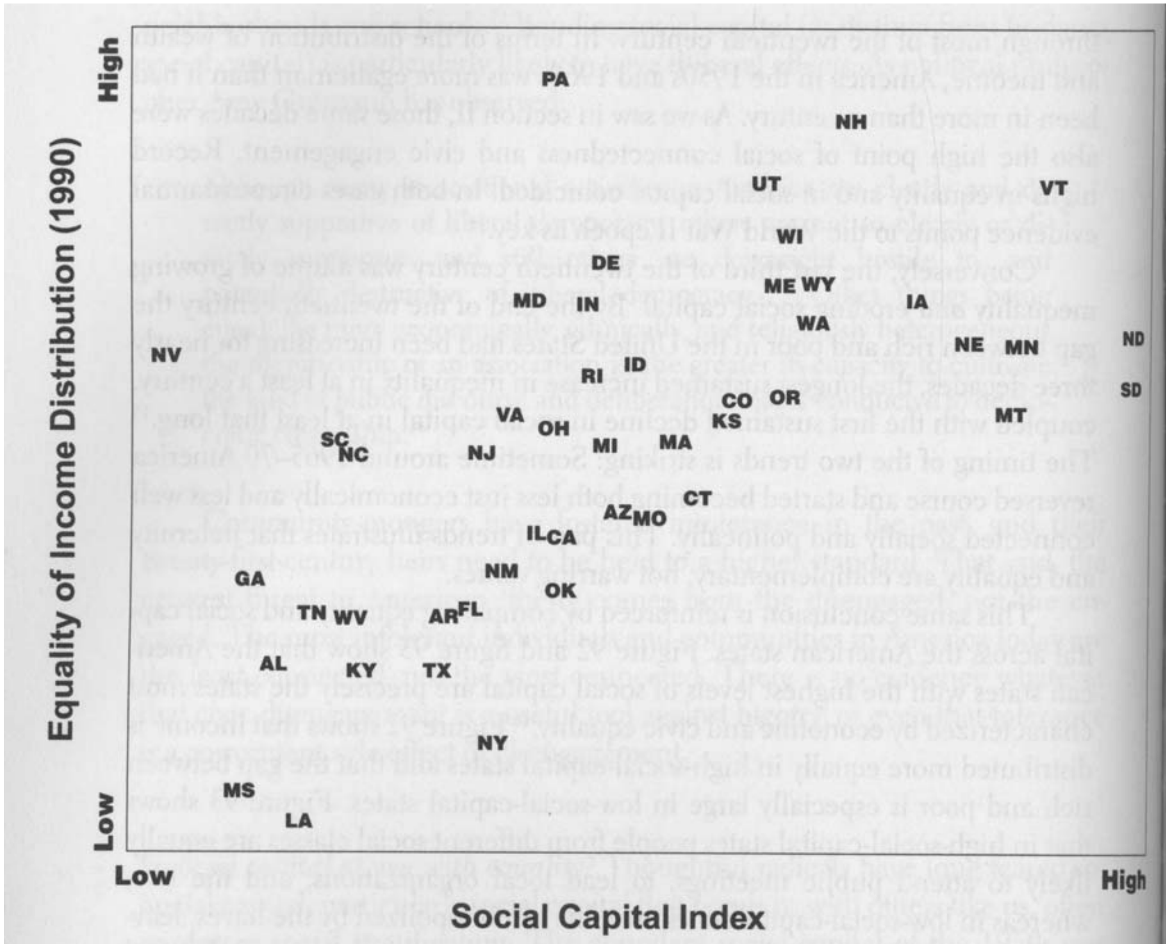


Figure 92: Social Capital and Economic Equality Go Together

(4) Inequality

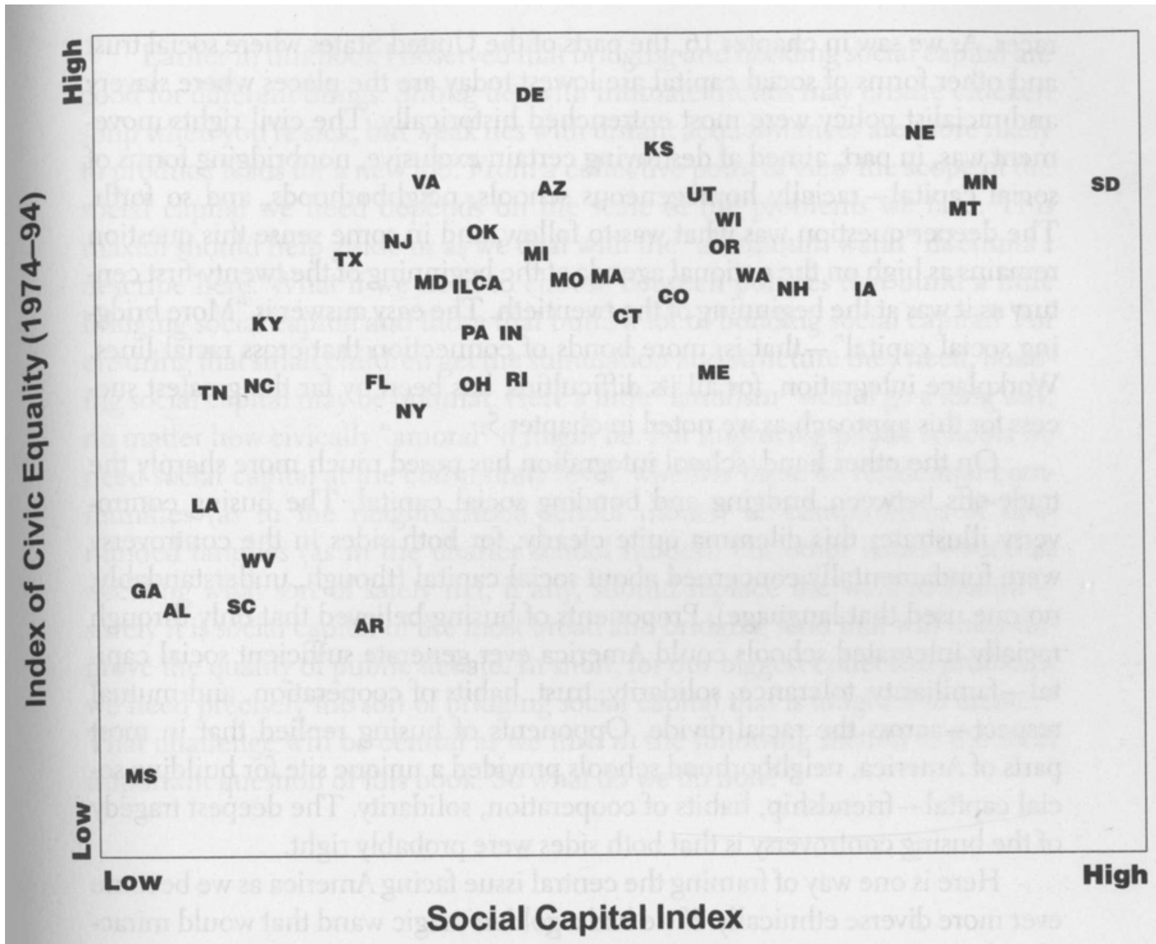
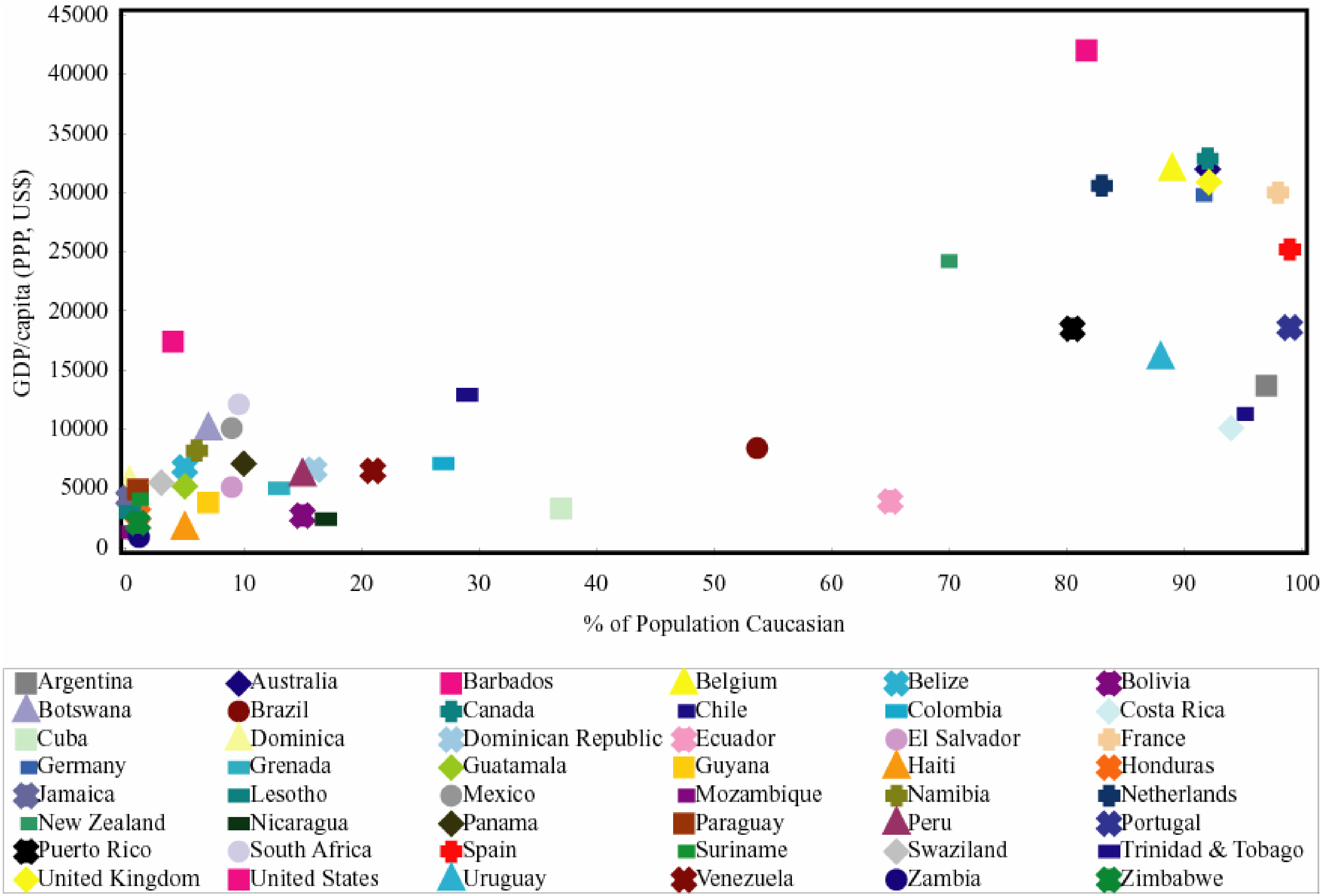


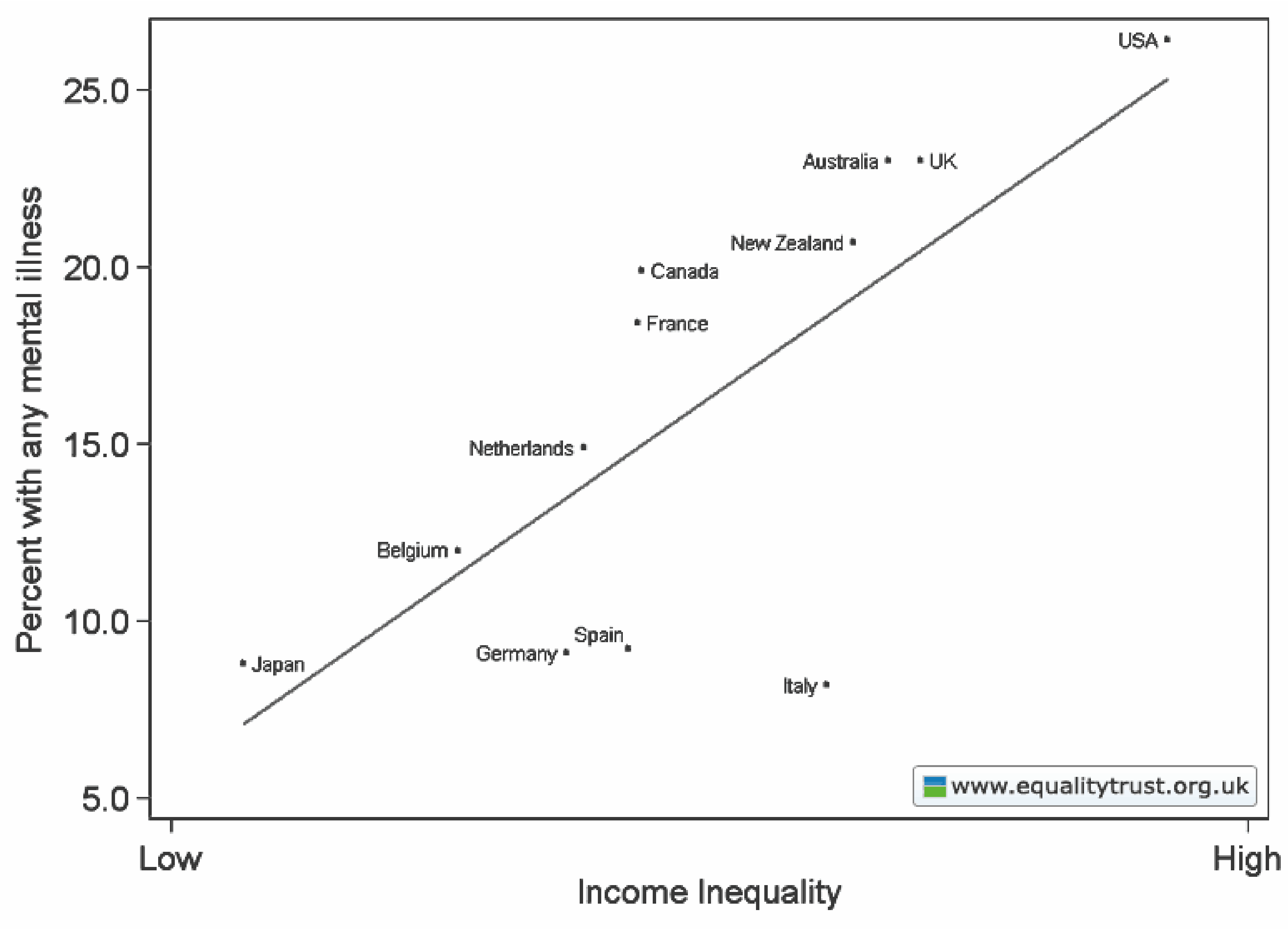
Figure 93: Social Capital and Civic Equality Go Together

(4) Inequality

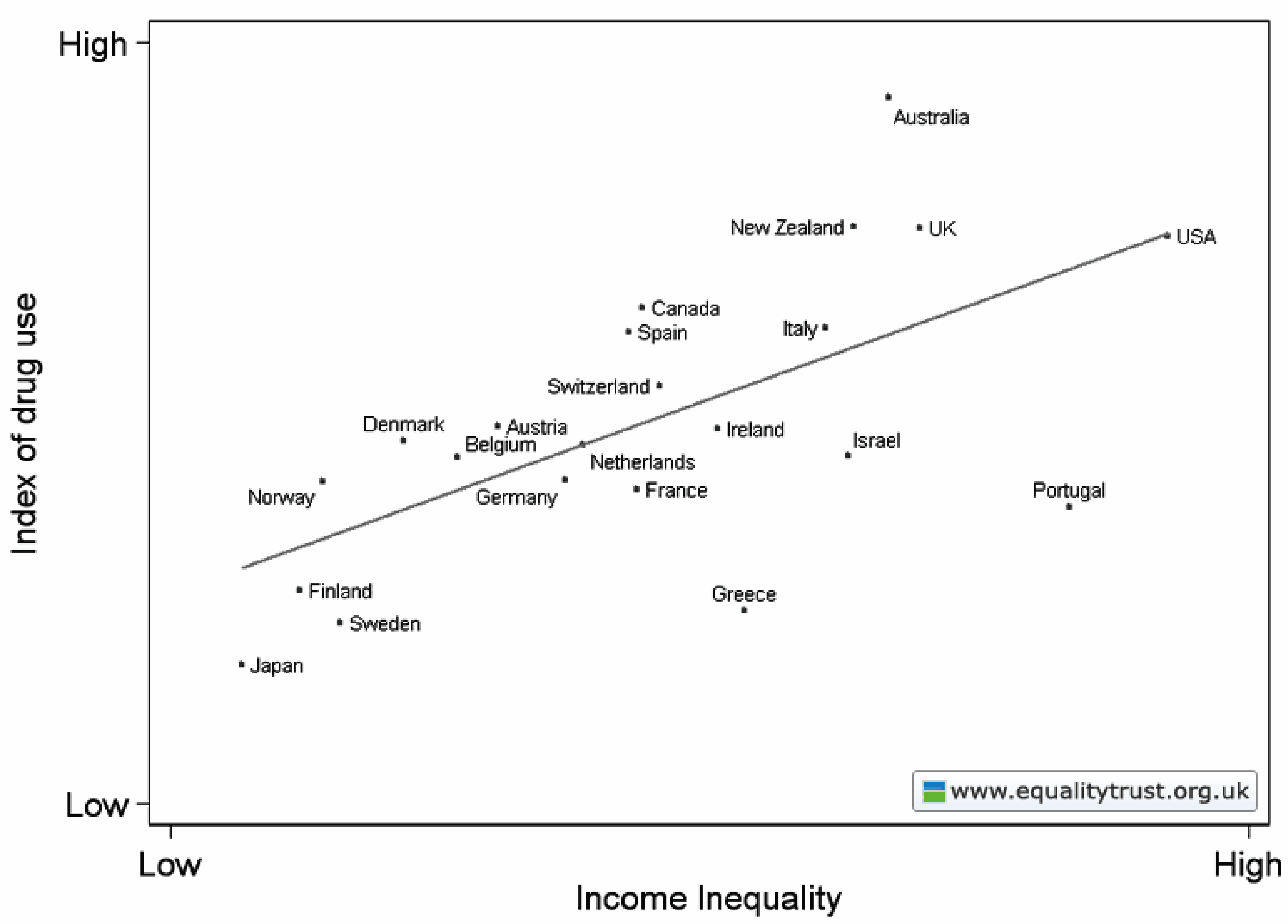


(4) Inequality

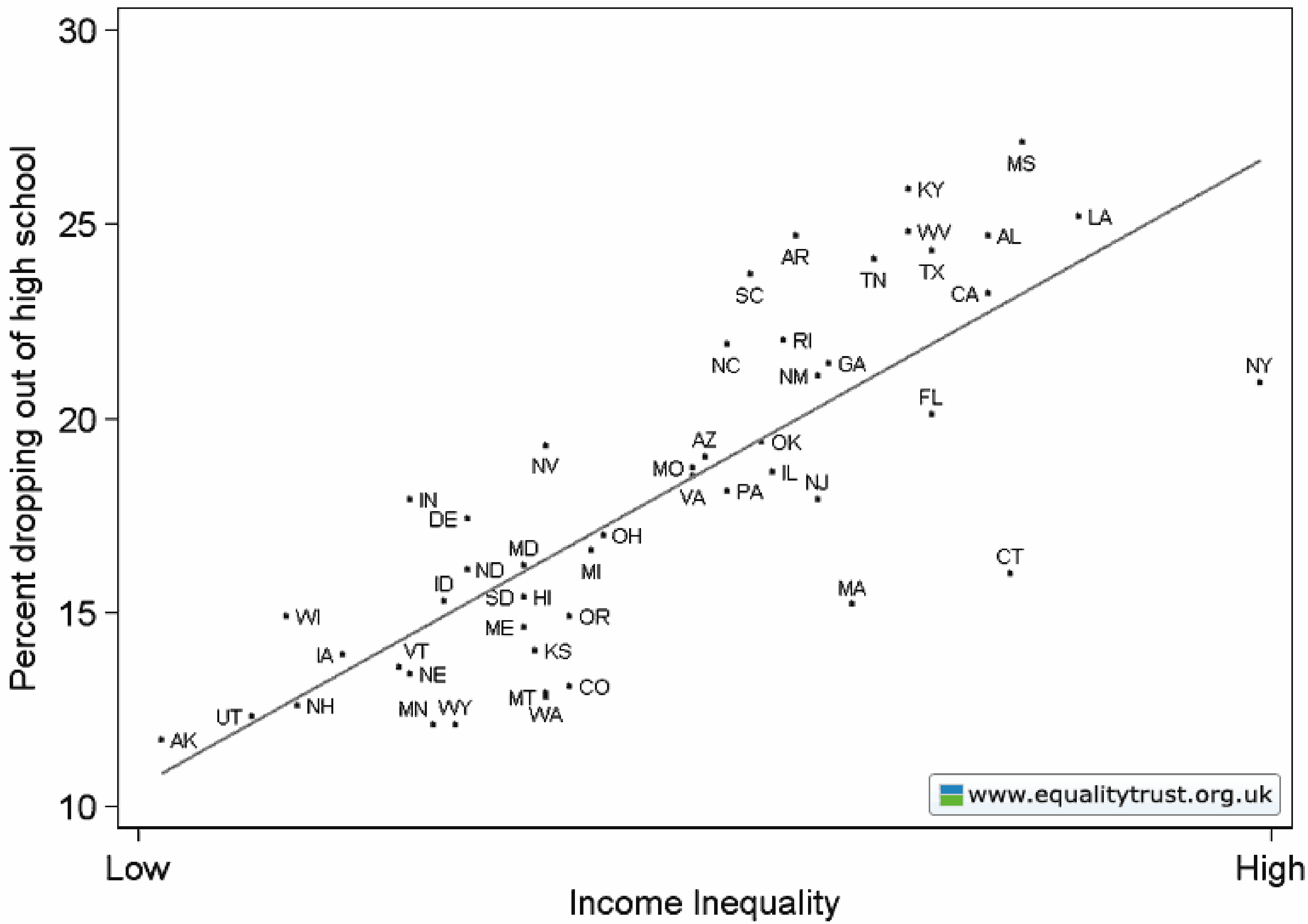
(4) Inequality



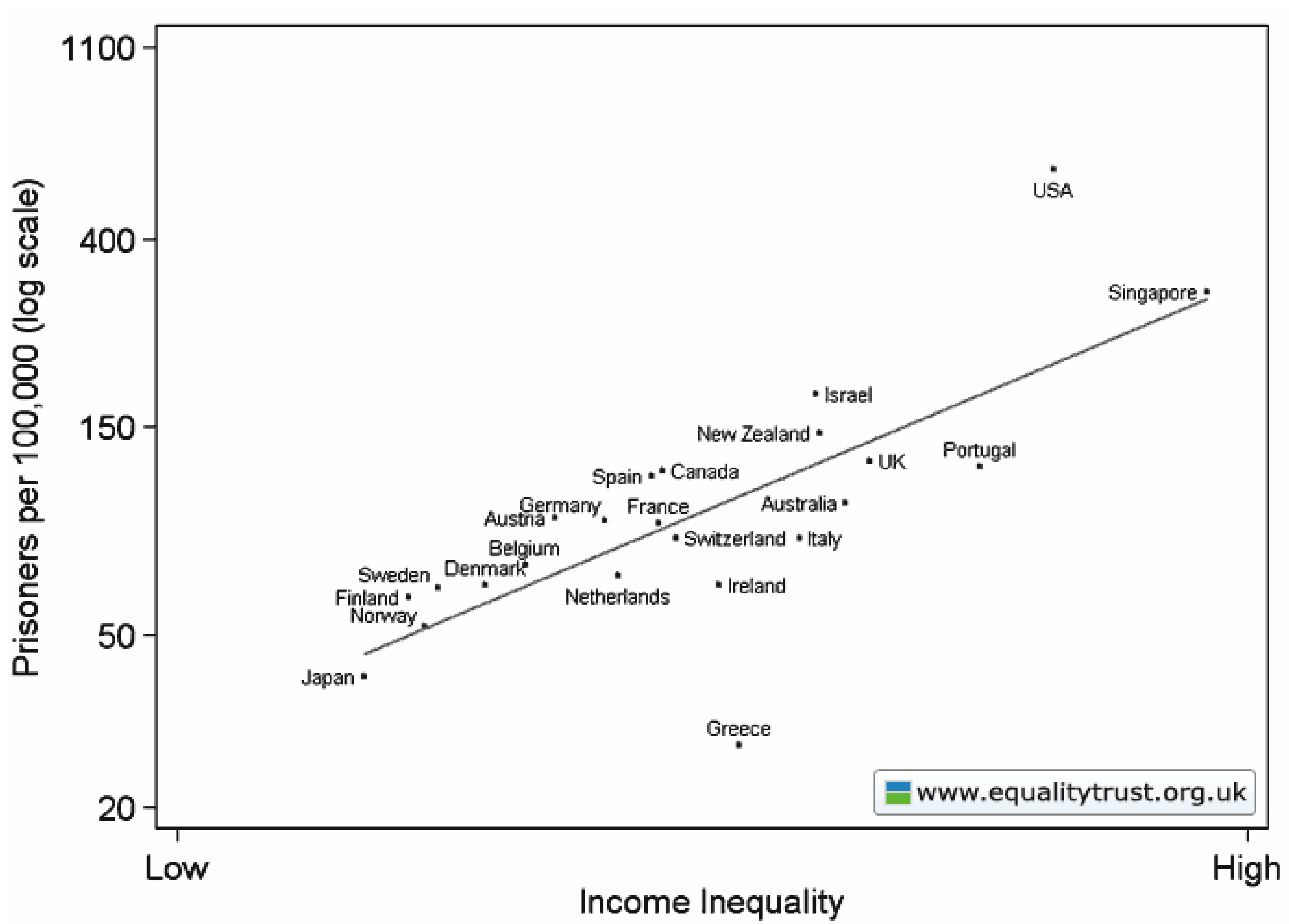
(4) Inequality



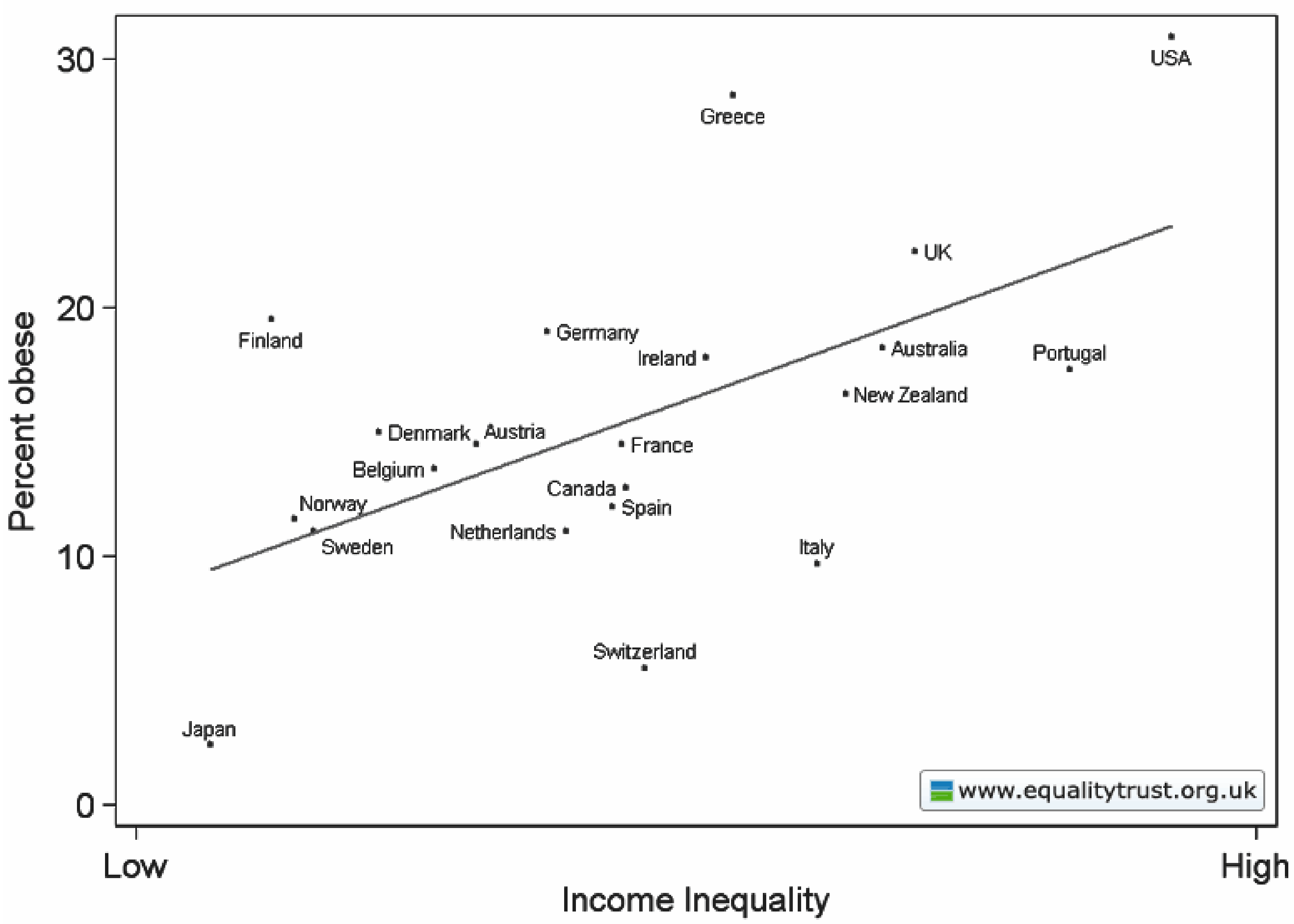
(4) Inequality



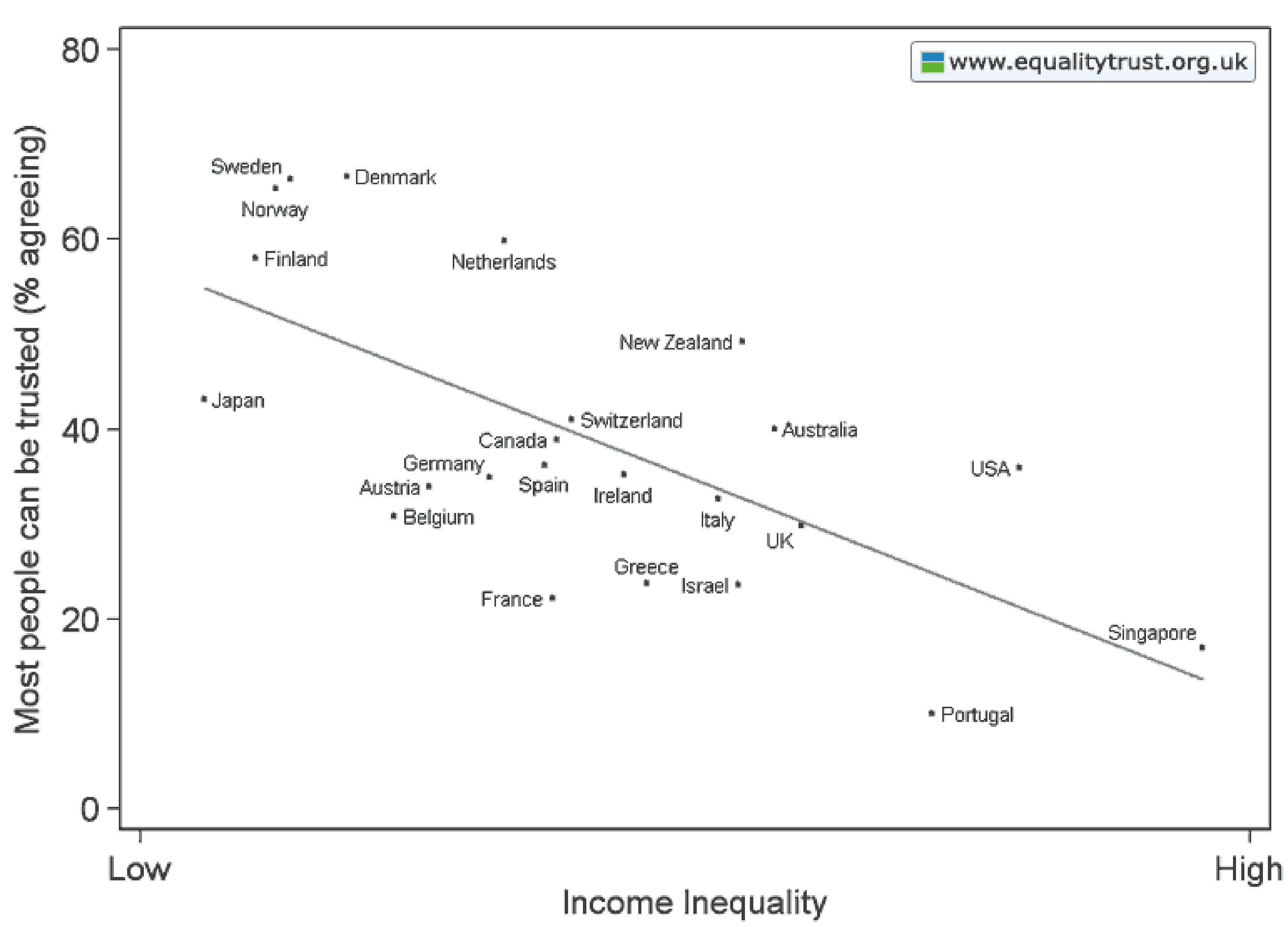
(4) Inequality



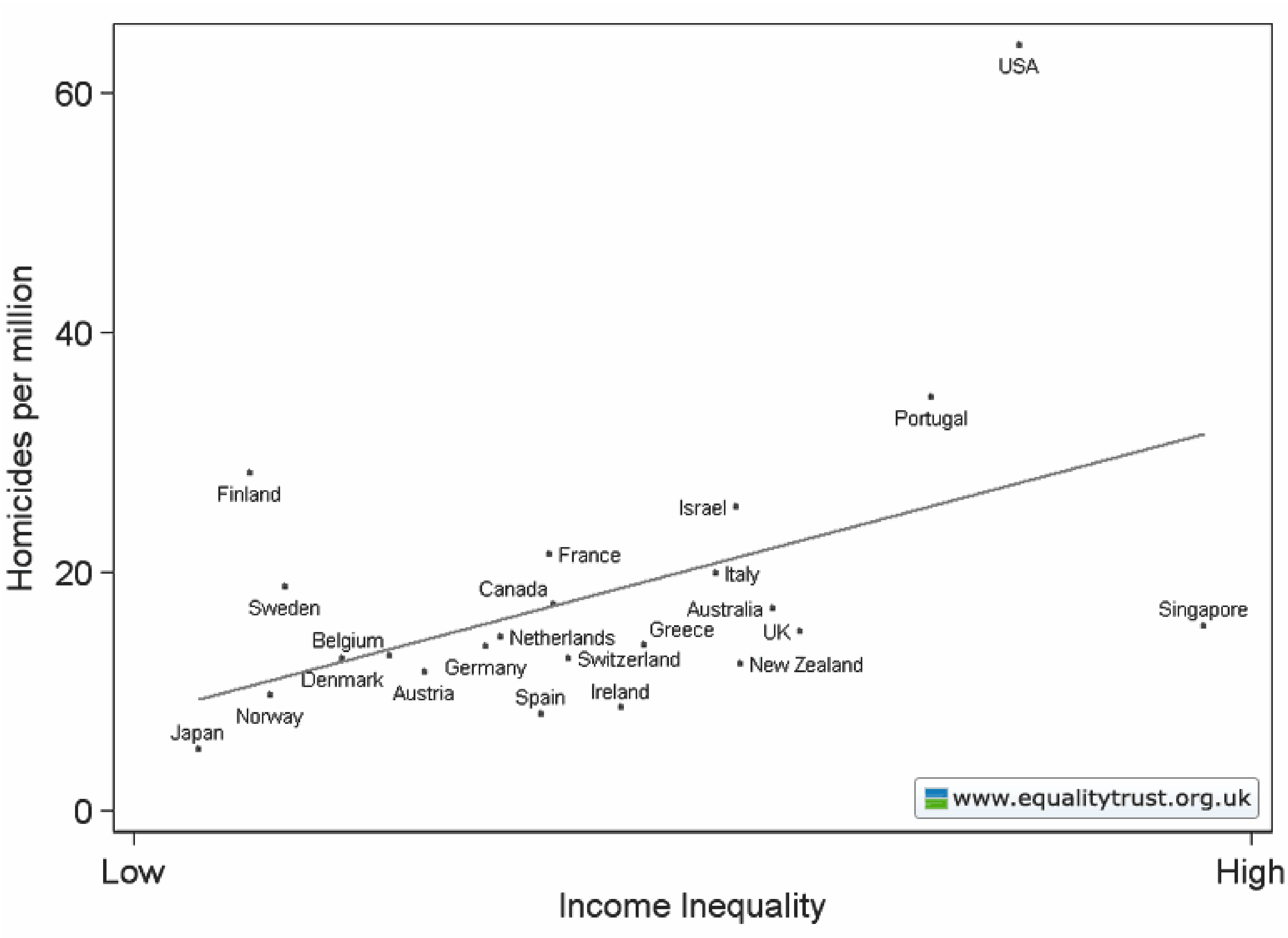
(4) Inequality



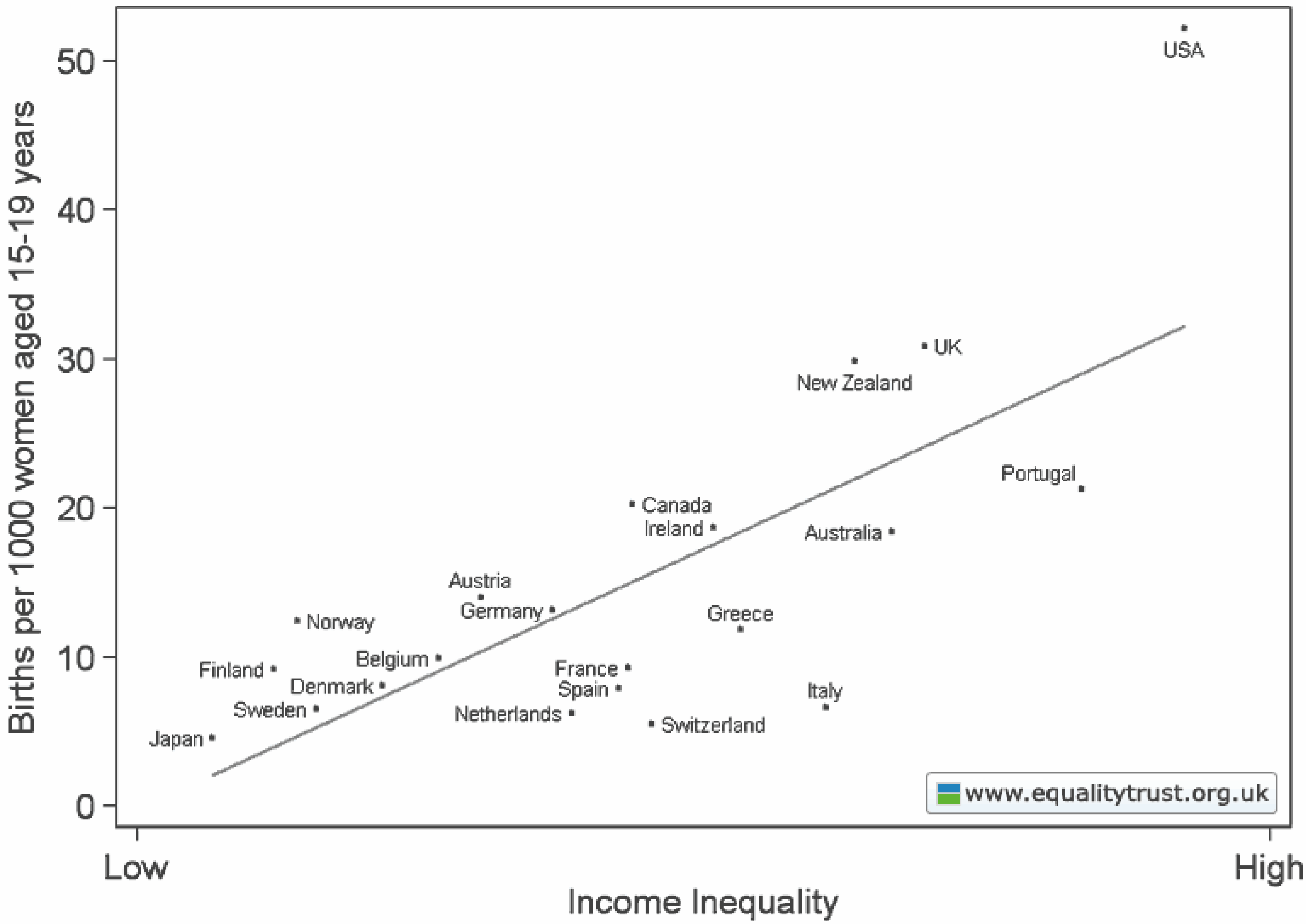
(4) Inequality



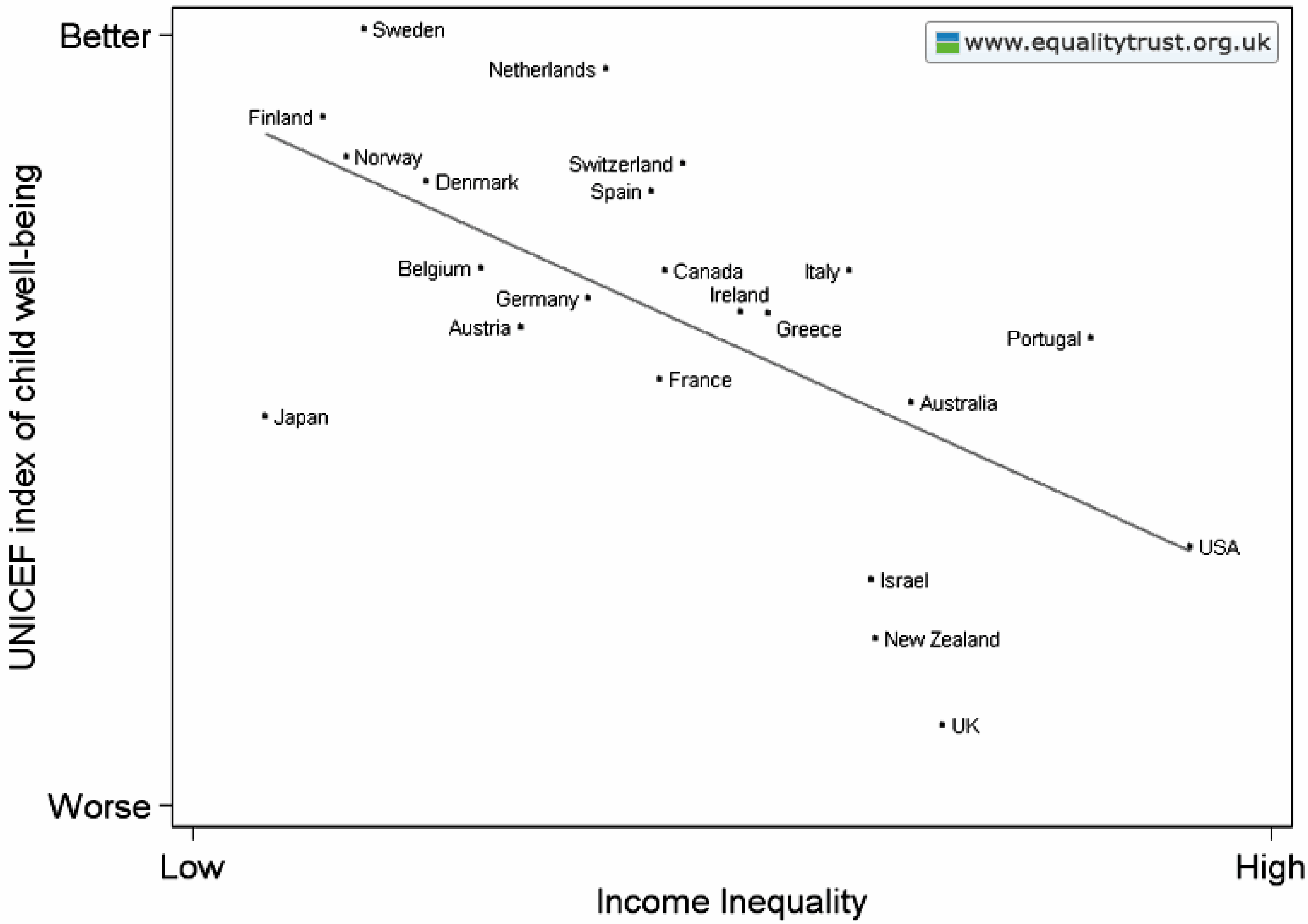
(4) Inequality



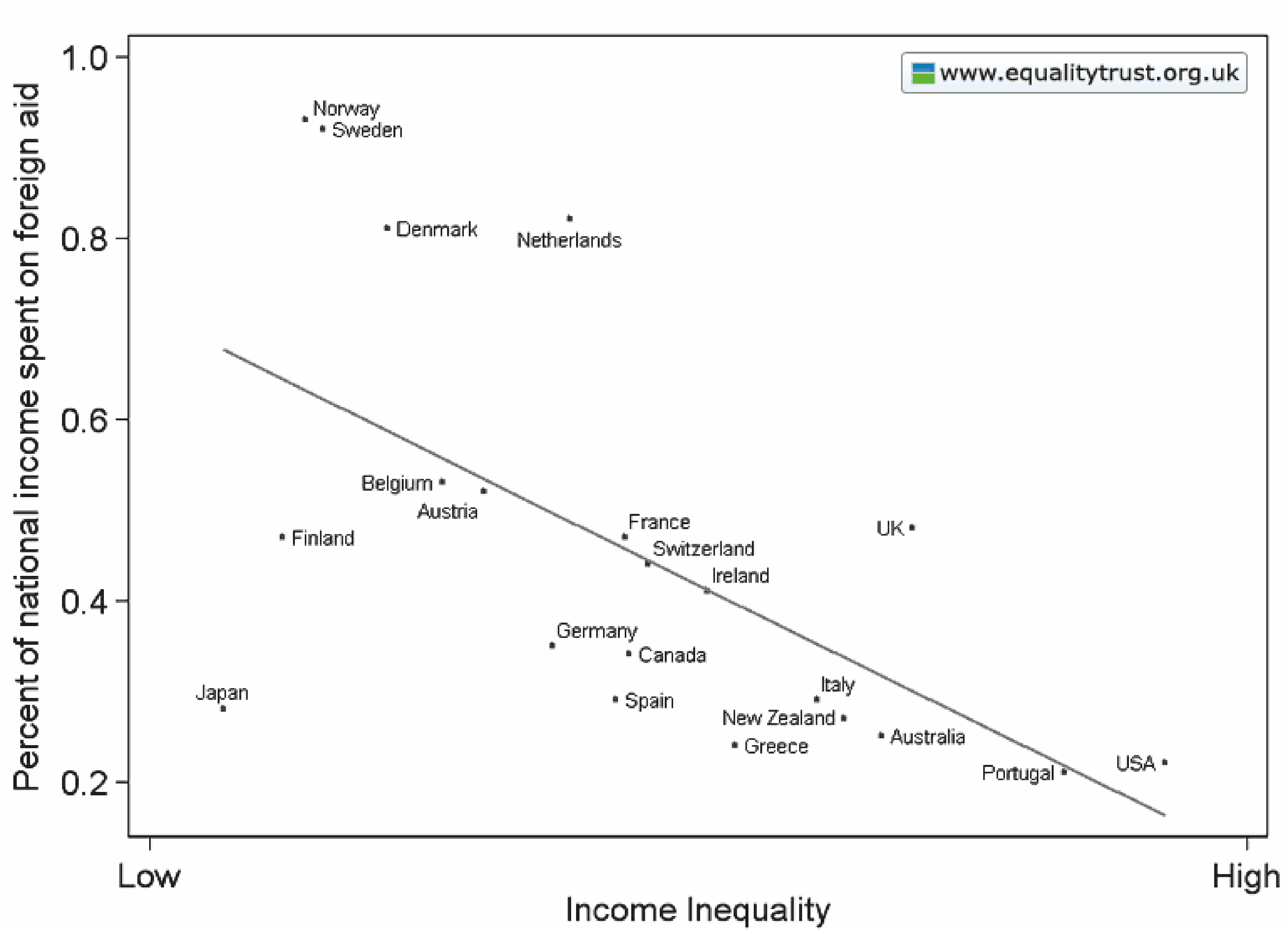
(4) Inequality



(4) Inequality



(4) Inequality



(4) Inequality

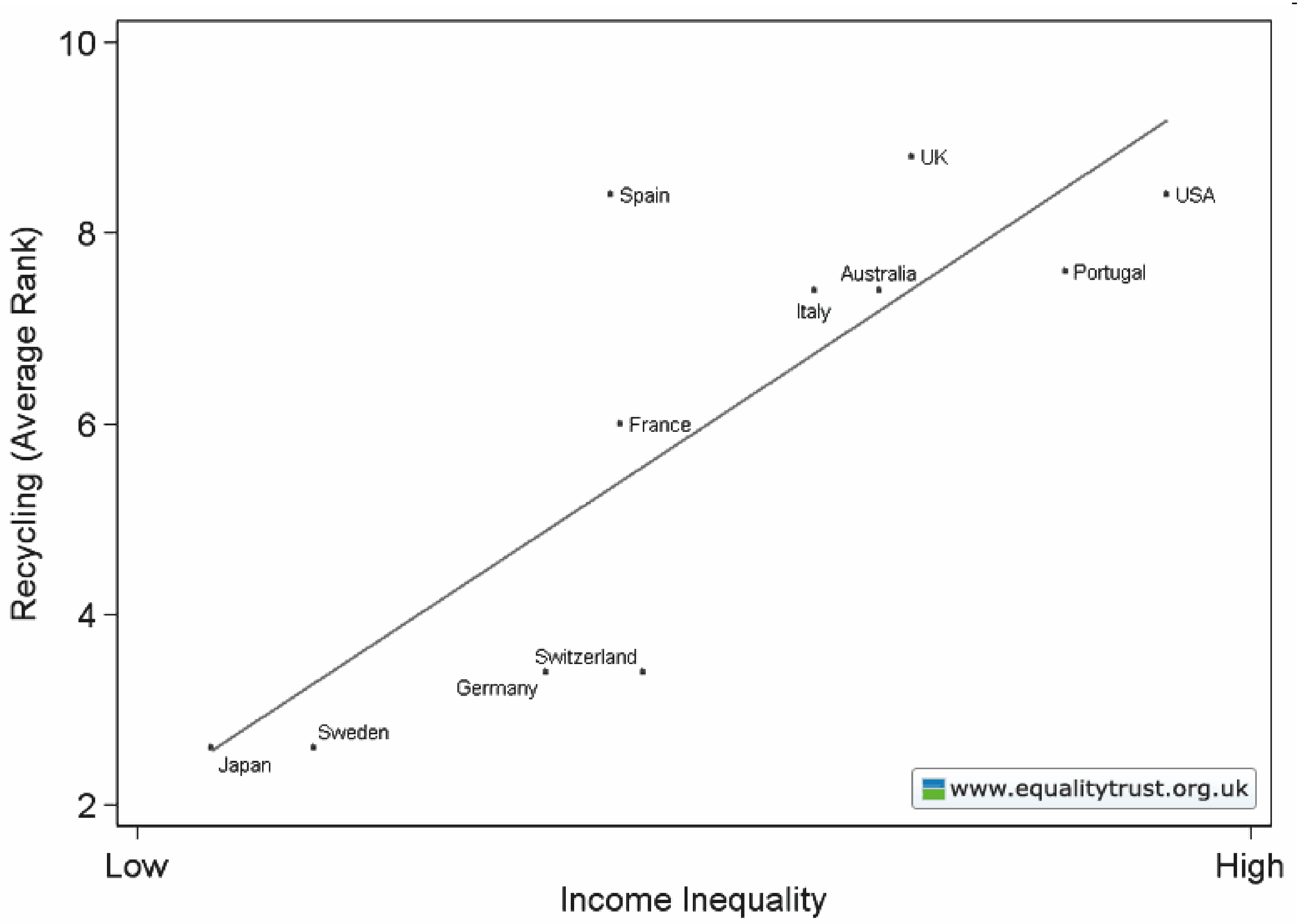
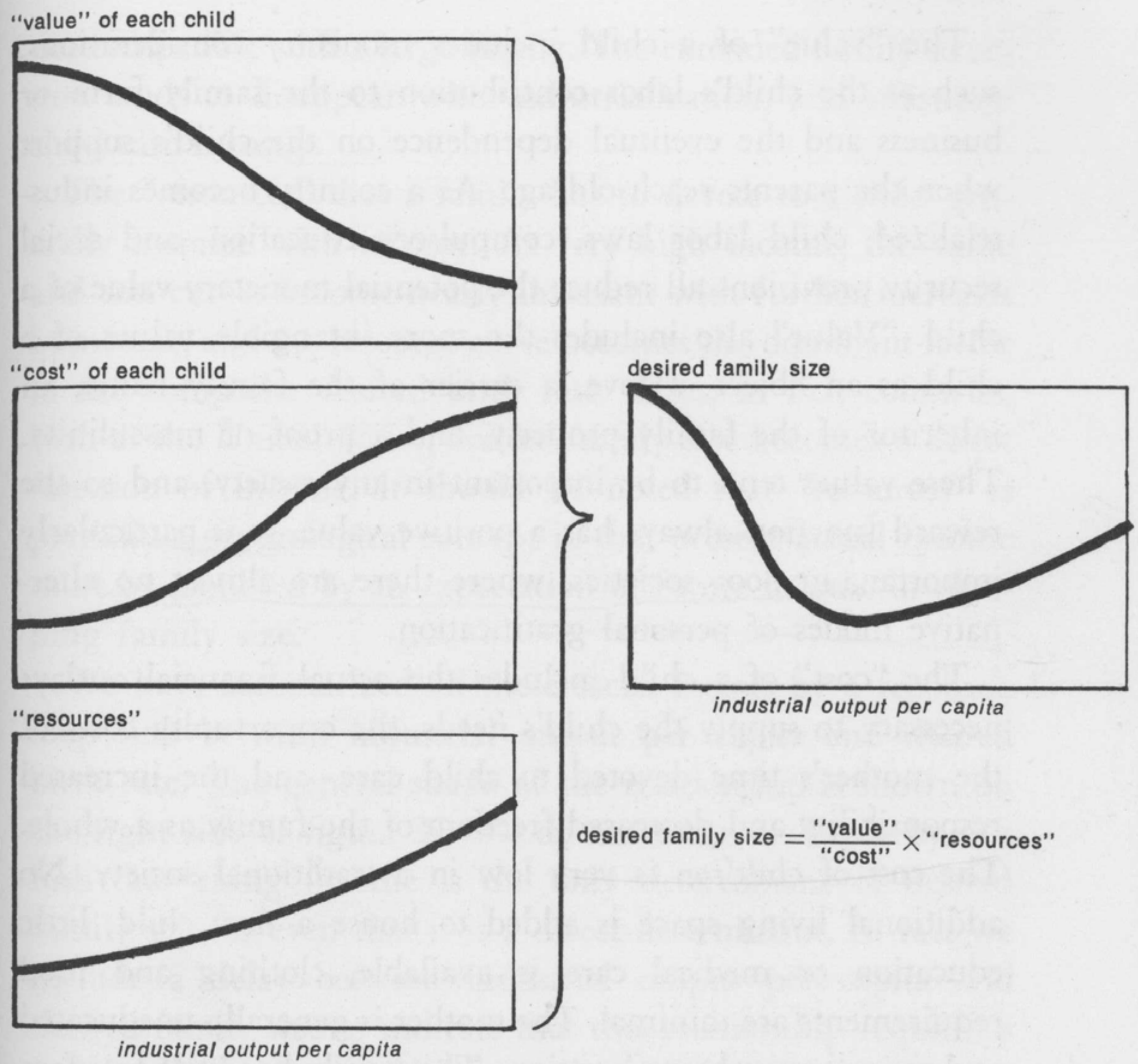


Figure 33 DESIRED FAMILY SIZE



Schematic representation of the economic determinants of family size follows a rough cost-benefit analysis. The resultant curve summarizes the balance between value and cost of children and resources available for child-raising, all as a function of increasing industrialization. This composite curve is similar to the curves in figures 31 and 32.