

## **Title page:**

# **Attitudes to the ‘necessities of life’: would an independent Scotland set a different poverty standard to the rest of the UK?**

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# **Attitudes to the ‘necessities of life’: would an independent Scotland set a different poverty standard to the rest of the UK?**

## **Abstract**

This article examines whether the population of Scotland would set a different poverty standard compared with the rest of the UK. It is based on research on a consensual or democratic poverty measure, defined by majority views of the items or activities which should be considered the ‘necessities of life’. The article explores whether majority opinions are the same in Scotland as in the rest of the UK. More generally, it explores how attitudes differ north and south of the border, and possible reasons for this. Data on attitudes were collected through three closely-related surveys in 2011 and 2012. The analysis suggests that, in the early years at least, a more independent Scotland would be unlikely to set a different social minimum. On this topic, as on many others, attitudes in Scotland are very similar to those in the rest of the UK.

## **Keywords**

Poverty – deprivation – consensual measure – Scotland – attitudes

# **Attitudes to the ‘necessities of life’: would an independent Scotland set a different poverty standard to the rest of the UK?**

## **Introduction**

This article stems from work on the *Poverty and Social Exclusion UK (PSE-UK) Survey* of 2012. One of the main aims of the survey is to update the UK’s consensual measure of relative poverty originally developed by Mack and Lansley (1985). The consensual measure uses an attitudinal survey to identify the items or activities which a majority of the public believes constitute the ‘necessities of life’. These necessities then form the standard for judging whether households or individuals are in poverty: people are regarded as being poor where they lack a specified number of necessities *and* this lack is due to a lack of resources (notably income). The first aim of this article, therefore, is to examine whether majority views in Scotland on the necessities differ from those in the rest of the UK (RoUK), i.e. whether it is reasonable to have a single poverty standard of this kind for the whole of the UK or whether a separate standard is needed for Scotland.

The analysis also has a wider relevance, linked to on-going debates about Scotland’s constitutional future. A referendum on Scottish independence will be held on 18 September 2014. Even in the event of a ‘no’ vote, the current constitutional settlement may well change, and Scotland could gain increasing control over fiscal and welfare policy. One central question in the independence debates has been the extent to which a more autonomous Scotland would choose a significantly different social settlement – for example, one which placed a higher emphasis on reducing economic inequality and hence a more generous

definition of the social minimum, reflected in a higher minimum wage or higher levels of welfare benefit payments (Scottish Government 2013; Niedzwiedz et al 2014).

The Nationalists certainly appear to believe that cuts in welfare expenditure by the UK government present a political opportunity. Their leader, Alex Salmond, used a major speech in January 2013 to outline how the referendum would be a chance to vote for a future where a different welfare system was possible, one “which makes work pay without reducing people to penury and despair” (Salmond 2013; see also Dempsie 2013). The second aim of this article is therefore to examine whether attitudes to necessities reveal more subtle differences between Scotland and the rest of the UK which might suggest that greater autonomy for Scotland would lead to policy divergence. Here the focus is not simply on the number of items attracting majority support but on the degree of support for each item: do Scots tend to be more ‘generous’ in their views about whether items should be considered necessities or not? Are there particular items or activities which attract more or less support in Scotland? In both cases, however, our focus is on the contrast between Scotland and the RoUK taken as a whole. There is obviously the potential for great variation within the latter category but that is not the focus on this article.

Finally, we seek to identify some of the factors which may explain any differences in attitudes. One possibility is that differences between Scotland and the RoUK arise simply because of differences in population mix – a compositional effect. For example, if older people are more likely to see a given item as a necessity, a region with more older people will tend to have higher aggregate support for that item. The alternative possibility is that people with similar characteristics (age, gender or class, for example) have different views in different places – a contextual effect. One source of contextual effects would be cultural difference, arising from historical development, but others might be the influence of physical

environment (e.g. climate) or social geography (e.g. urban-rural settlement patterns). Recent analyses of falling rates of child poverty in Scotland relative to the RoUK have suggested that compositional differences have been a factor alongside stronger economic growth (Barham 2010; Aldridge and Kenway 2014). The third aim is therefore to identify the relative contribution of composition and context in explaining any differences in attitudes between Scotland and the RoUK.

## **Background**

### ***Poverty, deprivation and the ‘necessities of life’***

Following Townsend’s (1979) definition of relative poverty and early attempts at measurement, Mack and Lansley (1985) developed the consensual approach, using public opinion to determine minimum standards. This was further refined in studies by Gordon and Pantazis (1997), Gordon et al (2000) and Hillyard et al (2003) and it is this body of work that the PSE-UK survey builds on. The consensual approach identifies whether individuals are poor by assessing their living standards against a socially-defined set of ‘necessities’. Where individuals lack a predefined number of necessities due to a lack of resources, people are said to be in poverty. This provides a direct measure of poverty based on (self-reported) achieved living standards, overcoming many of the limitations that affect indirect measures based on income or resources alone (Ringen 1988; Gordon 2006). The approach has been extremely influential in the UK and internationally. Versions of the deprivation measure have been incorporated into the UK’s statutory child poverty target in the Child Poverty Act 2010, into one of the EU’s five headline targets in the *EU 2020* strategy (European Commission 2010), and into UN-recommended poverty measures (Rio Group 2006).

The measure is regarded as ‘consensual’ in two senses. First, the set of necessities items is determined by public opinion. In an initial attitudinal survey, people are asked to identify items from a long list which they regarded as ‘necessities of life’ – things which everyone should be able to afford and which they should not have to do without. Items are regarded as necessities only where they attract majority support. In the PSE-UK survey, the process of determining the initial long-list of potential necessities began with a review of past studies and expert consultations combined with 14 focus groups with a cross-section of the public (Fahmy et al 2012). Separate lists cover adult items, adult activities, child items and child activities. Child items and activities were covered separately so the subsequent measures could explore variations in living standards within households, between children and their parents. This set of necessities then goes into a subsequent survey of living standards, where people are asked if they lack each item or do not do each activity and, if so, whether this lack is because they cannot afford it.<sup>1</sup>

Second, the deprivation measure is regarded as consensual because there exists broad agreement across society on the items which should be regarded as necessities. It is a requirement of the methodology that differences in attitudes between population groups are relatively small: “Otherwise, the definition of an unacceptable standard of living just becomes the opinion of one group against another” (Pantazis et al, 2006: 90). Analysis of the 1999 attitudes data confirmed that differences by gender, age, social class, and a range of other characteristics were relatively modest (Pantazis et al 2006). Similar analyses of the 2012 data confirm that this still holds true for a wide range of contrasts (Kelly et al 2013; Patsios et al 2013; Main and Bradshaw 2013).

For a UK-wide measure, the second condition also requires that differences between nations or regions are modest. In 1999, analyses were limited by the small size of the sample for

Scotland and comparisons were made only with England as a whole rather than the RoUK (Pantazis et al 2006). That study concluded that the two countries were remarkably similar in their attitudes. For adult items and activities, people living in England saw 35 out of the long list of 54 items as necessities. People living in Scotland saw 34 out of the 54 as necessities, and all of these were in the English set. The one item where the two countries differed was on having a roast joint (or vegetarian equivalent) at least once a week where 58 per cent of the English saw it as a necessity compared with 42 per cent of the Scots. For 25 of the 34 necessities items, the variation in support was less than 5 per cent.

With the present PSE-UK Survey, there is the need to repeat this analysis to ensure that it is still appropriate to use the UK standard for analyses in Scotland; wider analyses of regional or national differences are also possible but they are not the focus here. It is possible that the intervening years, and the experience of devolved Government in Scotland since 1999, have served to increase differences. The presence of a much larger Scottish sample along with coverage for the whole of the UK also provides an opportunity to address this question with more precision and in greater depth.

### ***The basis of a 'Scottish effect'***

The article is given a contemporary relevance by the impending independence referendum but debates about Scottish 'exceptionalism' in political terms have a much longer history. It is these debates which give us some grounds to anticipate a possible 'Scottish effect' in relation of attitudes to the poverty line. In general terms, Scots have tended to see themselves as having a more social-democratic or 'left-of-centre' outlook and this view is bolstered by the recent tendency for Scots to return more left-of-centre parties in Westminster elections (McCrone 2001; Mooney and Scott, 2005; Curtice and Ormston 2011). Many factors might be cited as possible drivers of a Scottish difference. One commonly mentioned factor would

be the rather different religious/political history of Scotland, where the Reformation took on a more 'Protestant' or 'Calvinist' character (McCrone 2001). International comparative work suggests that more Protestant countries tend to be more solidaristic (Van Oorschott 2006). This might be expected to filter through into social attitudes which are more supportive of redistributive policies in Scotland.

In spite of the differences in voting patterns, however, survey evidence does not tend to support the view that there are substantial differences on underlying social and political attitudes (Brown et al, 1996; SurrIDGE 2003). For example, successive surveys of social attitudes since 1999 have shown that, in Scotland, there tends to be slightly greater concern over levels of inequality in society and slightly greater support for redistribution but the difference averages only 3 or 4 percentage points and it has not changed in that time (Curtice and Ormston 2011).

Other aspects of the Scottish context may lead to differences in interest and hence in attitudes. One feature of debates about poverty in Scotland has been a stronger emphasis on rural poverty than in other parts of the UK (Scottish Affairs Select Committee 2000). This reflects the greater extent of rural, and particularly remote rural areas (McCrone 2001). We might expect that there would be a greater emphasis on problems of mobility and access, and perhaps greater support for the suggestion that car ownership should be seen as a necessity given the dependence of rural populations on private means of transport.

The alternative basis for a difference between countries might be simply compositional effects. For example, previous research suggested that older groups were more likely to view many items as necessities (Pantazis et al 2006). As Scotland has slightly more older people, this will tend to push up support there even in the absence of any contextual differences

arising from culture or geography. Having said this, there is generally little reason to expect large differences to result from compositional effects. For much of the twentieth century, Scotland was notably poorer than the RoUK with higher unemployment levels and lower wages (Devine et al, 2005). More recently, however, these differences have reduced so that, on the eve of the independence referendum, Scotland is the region which is most like the UK average in terms of a wide range of indicators such as labour market status or household incomes (McCrone 2001).

### ***Summary and research questions***

This article examines attitudes to the necessities of life in Scotland compared with the RoUK. It addresses three specific questions: whether the same set of necessities items get majority support in Scotland as in the RoUK, and hence whether it is appropriate to use the same standard to judge poverty in Scotland as elsewhere; more generally, whether Scots tend to express similar attitudes on each item as people in the RoUK; and, related to this, whether any differences observed arise through population composition or through context, including cultural differences.

## **Data and methods**

### ***Surveys***

Three linked datasets are used in this analysis: a survey of Britain from 2012; a survey of Northern Ireland from 2012; and a survey of Scotland from 2011. All were conducted as part of the wider PSE-UK study and used the same methodology albeit with some minor differences. The 2012 British data were collected through a standalone survey conducted between May and August 2012 with a stratified, clustered sample (NatCen 2013). There were

1447 completed interviews (51 per cent response rate). The Scottish part of this sample is relatively small (111 completed interviews) and drawn only from the area south of the Caledonian Canal. The 2012 Northern Irish data come from a module within the June 2012 Northern Irish Omnibus Survey (NISRA 2012). This was based on a simple random sample (550 completed interviews, 53 per cent response rate).

The 2011 Scottish data were collected from a module within an omnibus survey conducted between February and April 2011. It employs the same sampling design as the 2012 British survey so also excludes the area north of the Caledonian Canal. There were 465 completed interviews (54 per cent response rate). We use this survey in addition to the data from the 2012 British survey because the sample size for the latter is so small that it is difficult to have much confidence in the results. In the early stages of the analysis, we report results from both surveys so that it is clear that they show a similar picture and that the differences between the 2011 Scottish sample and the 2012 data for the rest of the UK do not arise from differences in timing or methodology. In the later stages, particularly for the modelling work, the sample size for Scotland in 2012 is simply too small to be useful and we report results only for the 2011 sample.

### ***Necessities data***

In all three surveys, views about necessities were captured using a sort card exercise.<sup>2</sup> Respondents were given a pile of cards with one item or activity on each. Separate piles covered adult items, adult activities, child items and child activities. Respondents were asked to sort cards into one of two boxes: items regarded as “necessary – which all adults should be able to afford and which they should not have to do without”; and those which “may be desirable but are not necessary”. There was no box for ‘don’t know’ or other responses but

such spontaneous responses were recorded separately (as 'don't know/unallocated') and are omitted here.

### ***Urban-rural coverage in Scotland***

One limitation of both Scottish samples is the absence of data from areas north of the Caledonian Canal. This is a feature of many social surveys, including well-resourced Government surveys, and reflects the high costs of sampling in sparsely-populated areas. It leads to the omission of 3 per cent of the Scottish population from the sample frame (Table 1). The potential for this to bias the overall Scottish figures should not be overstated although there remains a concern that issues which are particularly relevant to those living in rural and remote areas will not be adequately captured.

Table 1 also highlights a more worrying aspect of the 2012 data – that it is skewed to large urban centres, and to urban areas more generally. The more rural areas (the lower four categories) make up just 11 per cent of the sample compared with 31 per cent of the population, with all of these coming from the 'accessible towns' category. As the 2011 sample is larger and appears to have a better geographic coverage, the later stages of the article focus on that data alone.

Table 1: Urban-rural distribution of Scottish sample

	% of total population (1)	% of category North of Caledonian Canal (1)	% of 2012 sample	% of 2011 sample
Large urban	39%	0%	66%	35%
Other urban	30%	1%	23%	31%
Accessible towns	9%	0%	1%	4%
Remote towns	4%	22%		0%
Accessible rural	12%	3%	8%	20%
Remote rural	7%	22%	2%	10%
<b>All</b>	<b>100%</b>	<b>3%</b>	<b>100%</b>	<b>100%</b>

Source: (1) Authors' analysis. All figures based on Datazones using the Scottish Government's urban-rural classification with population estimates for 2009.

## Analysis

All three datasets are weighted to allow for unequal probabilities of selection and non-response, and to adjust sample characteristics to fit the known distributions for each region in terms of age and gender. All analyses allow for the effects of the complex sample design on estimates of confidence intervals by using the Complex Survey feature within SPSS.

To test for differences in aggregate views between countries, comparisons are made using Relative Risks: the ratio of the probability that someone from Scotland will view a particular item as a necessity to the probability that someone from the RoUK will view it as such (Gordon 2012). To address the third research question on the relative role of composition and context, we use a series of logistic regression models. For this stage, we use only the Scottish data 2011 for reasons noted above, and we compare this with the RoUK in 2012. To examine

the effect of composition on aggregate attitudes, we include controls for demographic factors (age, gender, ethnicity, marital status, presence of dependent children, limiting disability) as well as urban-rural location, neighbourhood deprivation and socio-economic status (educational attainment, housing tenure, employment status, social class based on occupation and income quintile). Incomes in the 2011 survey are updated to 2012 levels to allow for inflation.

Throughout the article, results are reported as statistically significant where the probability that they would have occurred by chance is less than 1 per cent. This is a stricter test than usually applied (the norm is 5 per cent) but it is appropriate here given the large number of tests being performed. At times, however, we do also comment on how the results would have differed if we had used the 5 per cent threshold so that it is clear that we are not attempting to hide important differences through the use of an artificially tough test.

## **Findings**

### ***Definition of necessities***

Our first question is whether majority views are the same in Scotland as in the RoUK and hence whether the same standard can be used to judge poverty in both areas. The answer is clearly that the same standard can be applied as there is a very high level of agreement between the two groups. This is true for both adult and child necessities. Agreement is particularly close when using the larger 2011 Scottish sample.

Across all 76 items and activities, people in the RoUK view 45 as necessities on average, while those in Scotland view 44 as necessities (both 2011 and 2012 samples); the difference is not statistically significant. Tables 2 to 5 show the proportion viewing individual items as necessities in the UK as a whole, the RoUK and in the two Scottish samples, along with the Relative Risks for the last two compared with the RoUK. Tables are ordered by the UK percentage with the horizontal line dividing items regarded as necessities from the others. Cells are shaded where Scots have a different majority view to the UK.

Across 76 comparisons for each of two Scottish samples, there are just four differences in majority views, none is statistically significant (and this is true whether we use the 1 per cent threshold for significance or the less stringent 5 per cent threshold) and they are not all in the same direction. Of the 32 adult items, 20 are considered necessities by the whole of the UK (Table 2). With the 2011 Scottish sample, exactly the same set of items was regarded as necessities. With the 2012 sample, there was one difference (on whether ‘unexpected expenses of £500’ were a necessity) but the proportion was only just below the 50 per cent threshold in Scotland and the difference in ratings was not statistically different from the RoUK. Of the 14 adult social activities, the same five were considered necessities by both Scottish samples as for the RoUK (Table 3).

From the list of 22 child items, respondents in the UK selected 17 as necessities (Table 4). Scots in the 2011 sample chose exactly the same list. In the 2012 sample, Scots identified 15 of these 17 as necessities. Two items were not viewed as necessities by the 2012 sample of Scots (‘money to save’ and ‘construction toys’) but both were close to the 50 per cent threshold and, as previously, the difference in ratings were not statistically significant. With child activities, seven of the eight were viewed as necessities by the UK sample. The 2012 Scottish sample identified exactly the same list; the ‘50%’ figure for the eighth item is

actually 49.7% but rounded up in the table. The 2011 Scottish sample identified all eight as necessities, adding ‘friends round once a fortnight’ to the UK list (Table 5). Once again, this difference was not statistically significant.

*Table 2: Proportions viewing adult items as necessities and relative risks*

Item	UK 2012	RoUK 2012	Scot 2012	Scot 2011	RR 2012	RR 2011
Keep home adequately warm	96%	96%	95%	93%	1.00	0.97
Damp-free home	94%	94%	95%	94%	1.01	0.99
Two meals a day	91%	91%	98%	92%	1.08 *	1.01
Replace/repair broken elec. goods	86%	86%	91%	81%	1.06	0.95
Fresh fruit & vegetables every day	83%	83%	78%	82%	0.94	0.98
Washing machine	82%	82%	87%	84%	1.06	1.03
All recommended dental work	82%	82%	78%	84%	0.95	1.03
A warm waterproof coat	79%	79%	82%	81%	1.04	1.02
Telephone (landline or mobile)	76%	76%	82%	74%	1.07	0.97
Meat, fish or equiv. every other day	76%	76%	79%	82%	1.04	1.09 *
Curtains or window blinds	71%	71%	74%	70%	1.04	0.98
Household contents insurance	70%	69%	79%	75%	1.14	1.08
Keep home in decent state of decor	70%	70%	64%	73%	0.91	1.04
Appropriate clothes for job intervws	69%	69%	70%	69%	1.01	1.00
Table and chairs for all the family	64%	65%	58%	61%	0.89	0.95
Pay unexpected expense of £500	56%	56%	45%	57%	0.81	1.01
Two pairs all-weather shoes	53%	53%	62%	59%	1.17	1.12
Regular savings of £20 a month	52%	52%	51%	59%	0.98	1.12
Regular payments into pension	51%	51%	51%	54%	1.00	1.05
Television	51%	51%	51%	53%	1.01	1.04
Presents for friends/family once a yr	46%	47%	39%	47%	0.83	1.01
Replace worn out clothes with new	46%	46%	48%	49%	1.04	1.07
Car	45%	46%	24%	36%	0.52 *	0.78
Money to spend on self each week	42%	42%	39%	48%	0.92	1.14
Internet connection at home	41%	42%	32%	27%	0.77	0.66 *
Home computer	40%	40%	34%	30%	0.84	0.75 *
Mobile phone	40%	41%	31%	31%	0.77	0.77 *
Replace worn out furniture	39%	39%	47%	43%	1.21	1.12
Outfit for social or family occasions	37%	37%	44%	40%	1.18	1.08
Roast joint (or equiv.) once a week	36%	37%	33%	37%	0.91	1.01
Hair done or cut regularly	35%	35%	33%	38%	0.94	1.08
Dishwasher	10%	11%	7%	7%	0.70	0.65

Notes: RR 2012 – Relative Risk (Scotland 2012 vs RoUK 2012); RR 2011 – Relative Risk (Scotland 2011 vs RoUK 2012); ‘\*’ – significant at 1 per cent level. Shading highlights disagreement over necessities.

*Table 3: Proportions viewing adult activities as necessities and relative risks*

<b>Activity</b>	<b>UK 2012</b>	<b>RoUK 2012</b>	<b>Scot 2012</b>	<b>Scot 2011</b>	<b>RR 2012</b>	<b>RR 2011</b>
Visit friends/family in hospital etc.	89%	89%	95%	91%	1.07	* 1.02
Celebrations on special occasions	80%	80%	81%	80%	1.01	1.00
Attending weddings, etc.	78%	78%	80%	80%	1.02	1.01
Hobby or leisure activity	70%	69%	80%	73%	1.15	1.05
Sport/exercise activities or classes	55%	55%	67%	60%	1.24	* 1.11
Friends/family round once a month	46%	46%	41%	43%	0.89	0.94
Holiday one week a year	42%	42%	44%	45%	1.05	1.05
Going out socially once a fortnight	34%	34%	32%	31%	0.93	0.89
Attending place of worship	30%	29%	41%	31%	1.42	* 1.05
Visit friends/family 4 times a year	27%	28%	23%	20%	0.83	0.74
Meal out once a month	25%	25%	17%	27%	0.67	1.06
Holidays abroad once a year	18%	18%	14%	19%	0.76	1.04
Going out for drink once a fortnight	17%	17%	15%	14%	0.87	0.81
Going to cinema, etc. once a month	15%	15%	13%	19%	0.89	1.24

Notes: RR 2012 – Relative Risk (Scotland 2012 vs RoUK 2012); RR 2011 – Relative Risk (Scotland 2011 vs RoUK 2012); ‘\*’ – significant at 1 per cent level. Shading highlights disagreement over necessities.

*Table 4: Proportions viewing children's items as necessities and relative risks*

<b>Item</b>	<b>UK 2012</b>	<b>RoUK 2012</b>	<b>Scot 2012</b>	<b>Scot 2011</b>	<b>RR 2012</b>	<b>RR 2011</b>
A warm winter coat	97%	97%	98%	95%	1.01	0.98
Fresh fruit/vegetables once a day	96%	96%	96%	93%	1.01	0.98
New, properly fitting, shoes	93%	93%	93%	91%	1.00	0.98
Three meals a day	93%	93%	92%	91%	0.99	0.98
Garden or outdoor space	93%	93%	84%	89%	0.90	0.96
Books at home	92%	92%	88%	90%	0.96	0.98
Meat, fish or equivalent once a day	90%	90%	87%	90%	0.97	1.00
Suitable place at home to study	89%	89%	89%	88%	1.00	0.98
Indoor games	81%	81%	81%	78%	1.01	0.97
Bedrm for every child 10+ of diff sex	74%	74%	75%	75%	1.01	1.00
Computer/internet for homework	67%	67%	64%	56%	0.96	0.83 *
Some new, not second-hand clothes	65%	65%	67%	72%	1.02	1.11
Outdoor leisure equipment	58%	58%	61%	59%	1.05	1.03
At least 4 pairs of trousers, etc.	57%	57%	52%	55%	0.92	0.97
Money to save	55%	55%	49%	57%	0.89	1.03
Pocket money	54%	54%	57%	56%	1.06	1.05
Construction toys	53%	54%	48%	53%	0.89	0.98
Bicycle	45%	45%	46%	47%	1.02	1.05
Clothes to fit in with friends	31%	32%	28%	30%	0.89	0.95
Mobile phone for children 11+	26%	26%	29%	25%	1.11	0.95
MP3 player	8%	8%	11%	8%	1.47	1.04
Designer/brand name trainers	6%	6%	7%	6%	1.21	0.97

Notes: RR 2012 – Relative Risk (Scotland 2012 vs RoUK 2012); RR 2011 – Relative Risk (Scotland 2011 vs RoUK 2012); ‘\*’ – significant at 1 per cent level. Shading highlights disagreement over necessities.

*Table 5: Proportions viewing children's activities as necessities and relative risks*

<b>Label</b>	<b>UK 2012</b>	<b>RoUK 2012</b>	<b>Scot 2012</b>	<b>Scot 2011</b>	<b>RR 2012</b>	<b>RR 2011</b>
Celebrations on special occasions	91%	91%	93%	92%	1.02	1.01
Hobby or leisure activity	88%	88%	90%	91%	1.02	1.03
Toddler/nursery grp once a week	86%	86%	91%	88%	1.06	1.02
Activities e.g. drama, football etc.	74%	74%	77%	80%	1.05	1.09 *
Day trips with family once a month	60%	60%	57%	58%	0.96	0.97
School trip once a term	55%	55%	52%	58%	0.95	1.06
Holiday away from home once a yr	53%	53%	51%	54%	0.97	1.03
Friends round once a fortnight	49%	49%	50%	53%	1.01	1.07

Notes: RR 2012 – Relative Risk (Scotland 2012 vs RoUK 2012); RR 2011 – Relative Risk (Scotland 2011 vs RoUK 2012); ‘\*’ – significant at 1 per cent level. Shading highlights disagreement over necessities.

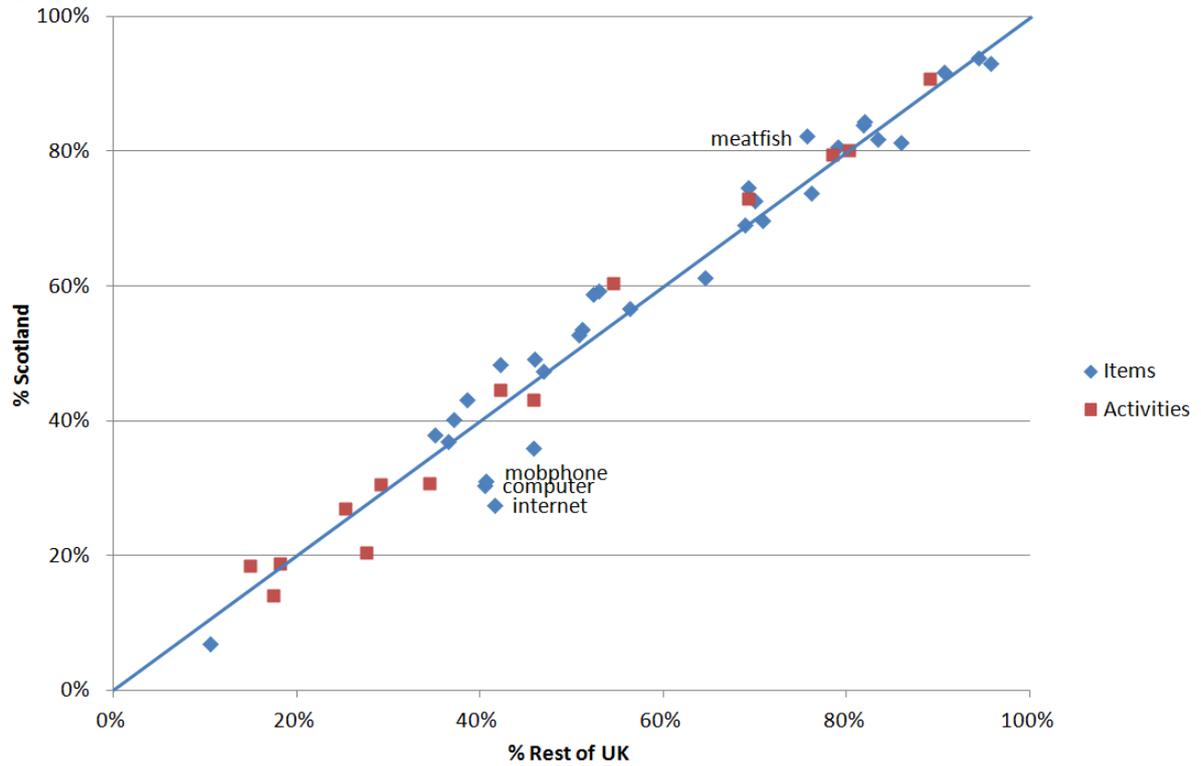
### ***Views on individual items***

Our second question goes beyond looking simply at the majority opinion to explore whether similar proportions of Scots rated items necessities as in the RoUK. For brevity, we focus here only on the larger 2011 Scottish sample although results for both are shown in the tables above. Scatterplots show the proportions viewing each item as a necessity in the two regions (Figure 1 and 2) while the Relative Risks from Tables 2 to 5 identify statistically significant differences (labelled on figures). Again, the picture is of a very high level of consistency. We test differences for all 76 items or activities. With a 1 per cent threshold for significance testing, we would expect to see one or perhaps two items identified as significantly different in each year. In practice, we observe six significant differences in 2011 suggesting something slightly more than random noise; if we had used the 5 per cent threshold, we would have expected to observe around four differences and in practice we see 11 – a very similar result. However, the absolute scale of the differences remains small as is clear from the scatterplots and the direction is again not consistent.

Of the 32 adult items, there is a suggestion that Scots are less likely to view more advanced consumer goods as necessities (lower scores for internet access, computer, and mobile phone in 2011) but they give a higher rating to one of the food items (meat/fish/vegetarian equivalent). Views on car ownership are particularly interesting given debates about rural poverty in Scotland and the importance attached to cars there given the scarcity of public transport. Both Scottish samples give it less support than their UK counterparts although only in 2012 is the difference significant. There are no significant differences for adult activities in the 2011 sample. Turning to the child items and activities (Tables 4 and 5, Figure 2), difference are even more muted. Of the 22 child items, the only difference is with ‘computer and internet for homework’ which attracts less support in the 2011 Scottish sample. This

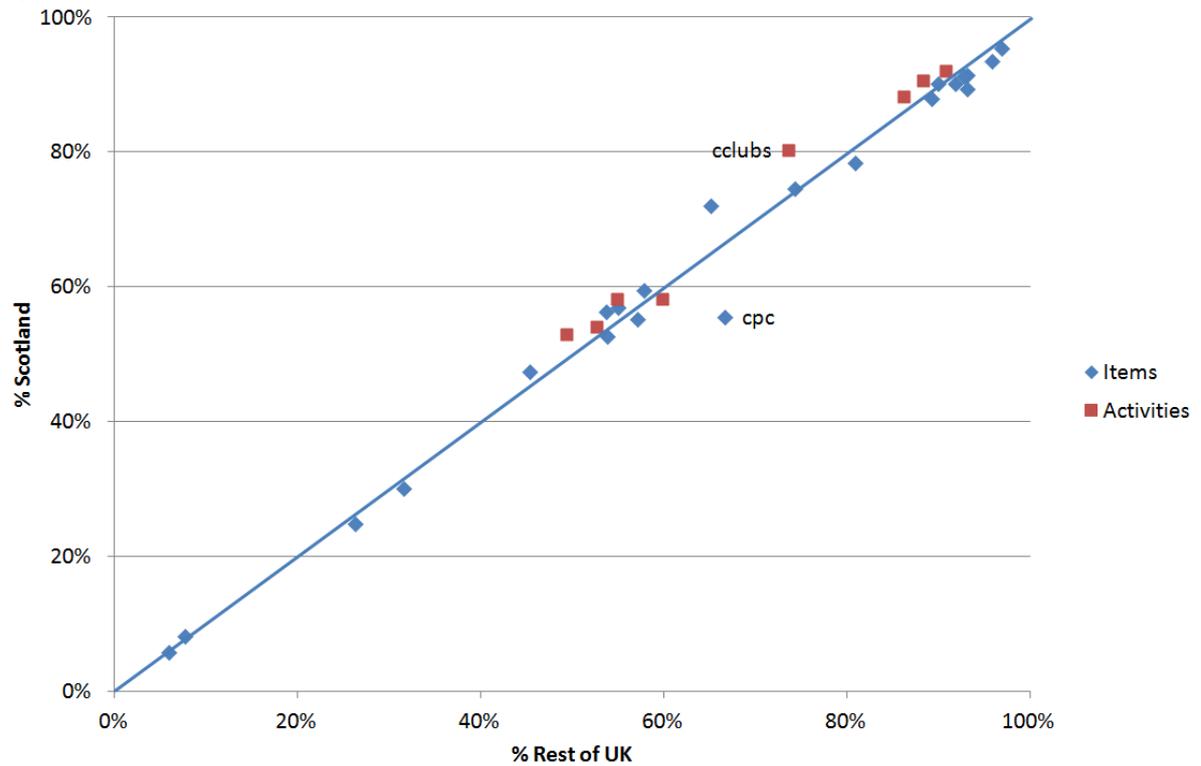
difference ties in with what we saw in the adult items which were advanced consumer goods. With child activities, there is one significant difference, with the 2011 Scottish sample giving a higher rating to 'activities' or clubs for children.

Figure 1: Adult items and activities – Scotland 2011 vs RoUK



Note: items labelled where RR shows significant difference at 1 per cent level.

Figure 2: Child items and activities – Scotland 2011 vs RoUK



Note: items labelled where RR shows significant difference at 1 per cent level.

### ***Composition versus context***

In the third stage, we explore whether the differences observed above reflect compositional or contextual factors – or indeed whether contextual differences emerge when we control for composition. The differences between views in Scotland are compared with those in the RoUK using logistic regression models with two stages: at Stage 1, models contain only the Scotland dummy while at Stage 2 models includes the full set of demographic, location and socio-economic controls discussed in the methods section. The analysis is restricted to the 2011 Scottish sample since the 2012 sample is too small for modelling in this way. Seventy six models are constructed and Table 6 shows the seven where the Scottish coefficient was significant at either stage. In other words, for 69 of the necessities items, there was no significant difference between Scotland and the RoUK without any controls and this did not change at Stage 2. In six cases, there was a significant difference without any controls and this remained at Stage 2. In only one case – car ownership – did adding controls make any difference to the Scottish dummy. Differences between Scotland and the RoUK – such as they are – would appear to reflect modest contextual differences arising from culture or geography, not compositional factors.

Five of the seven cases where there are differences are consumer durables: car, home computer and internet connection for adults, mobile phone and computer/internet for children. In all of these cases, Scots are significantly less likely to view these as necessities. This is perhaps most surprising in relation to car ownership. If there is a Scottish rural effect, it is more than outweighed by a more general Scottish attitude to some kinds of consumer durable. This may stem from the fact that Scotland has long had lower levels of ownership of these kinds of goods than the rest of the UK (Figure 3). For example, the proportion of UK households without access to a car has fallen from about half at the start of the 1970s to one

quarter in recent years. Throughout this time, the proportion of Scots without access to a car has been at least one fifth higher. The proportion without a home computer has been five to ten per cent greater in Scotland since surveys recorded this item. One exception to the general rule has been higher ownership rates for washing machines in Scotland; the reasons for this are unclear but may be to do with the high proportions of Scots who live in flats and therefore lack access to outside drying spaces, as well as the cooler, wetter climate.

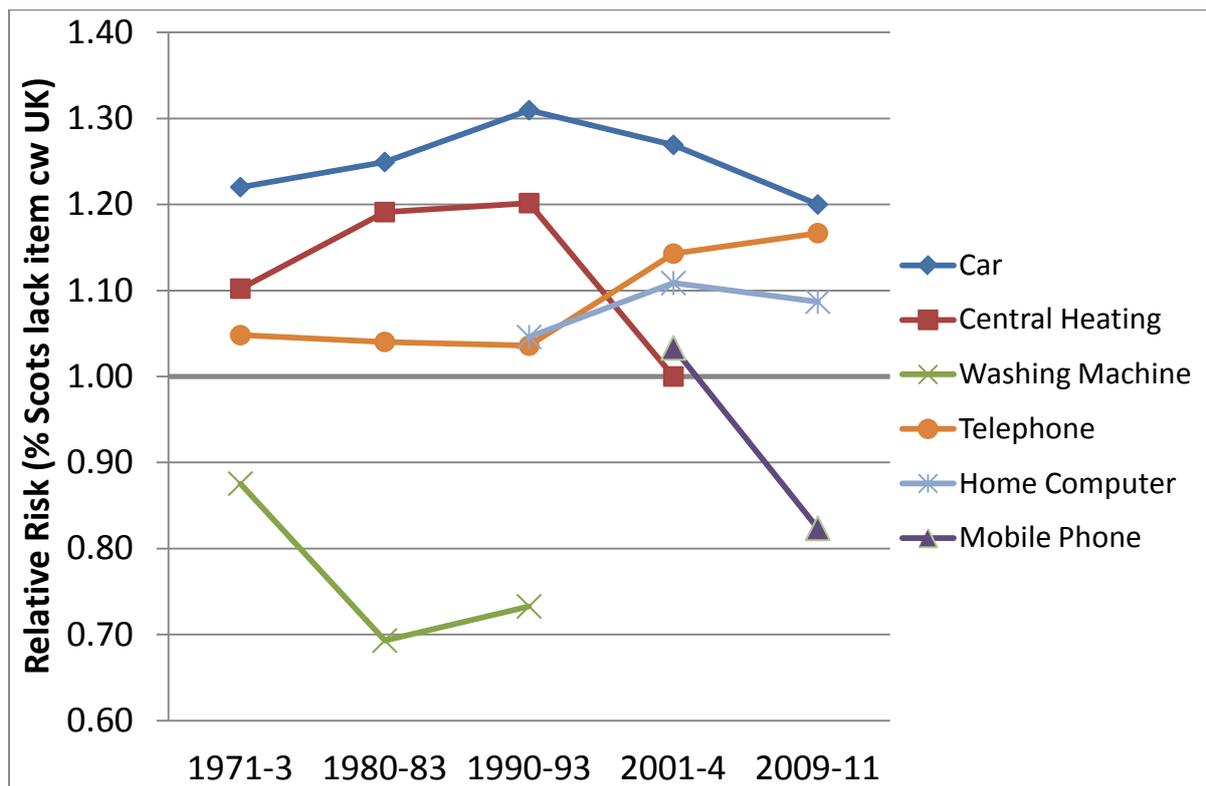
*Table 6: Logistic regression models – coefficients for Scotland dummy*

Item/activity	Stage 1		Stage 2	
	OR	Sig	OR	Sig
<b>Adult items</b>				
Car	0.66		0.60	*
Internet connection at home	0.53	*	0.53	*
Home computer	0.64	*	0.66	*
Mobile phone	0.66	*	0.61	*
<b>Adult activities</b>				
Visit friends/family 4 times a year	0.68	*	0.63	*
<b>Child items</b>				
Computer/internet for homework	0.63	*	0.60	*
<b>Child activities</b>				
Activities e.g. drama, football etc.	1.47	*	1.61	*

Notes: Each line summarises one model with two stages, showing only the coefficient for the Scotland dummy.

‘\*’ – significant at 1 per cent level.

Figure 3: Relative Risk of lacking consumer durables – Scotland versus UK



Sources: Published tables for: 1970s to 1990s - Family Expenditure Survey; 2001-4 – Expenditure and Food Survey; 2009-11 – Living Costs and Food Survey. Series stop when percentage lacking item for UK or Scotland below 5 per cent due to volatility in Relative Risk measure.

### **Further regional comparisons**

One criticism of our approach is that, by contrasting Scotland with the rest of the UK, we may be masking significant regional differences. In particular, one might expect the north of England to share more in common with Scotland, given more similar economic histories but sharper contrasts to exist between Scotland and the south of England which is geographically more distant and has had a very different economic history, being dominated by financial and business centre of London. It is both richer and more unequal than other parts of the UK (Goodman et al, 1997).

We therefore repeat the earlier analysis, now contrasting Scotland with the south of England only (defined as London plus East, South East and South West regions). We make comparisons using the larger 2011 Scottish sample. The overall conclusion is that views on necessities in Scotland are much the same as those in the south of England. On majority views about necessities, Scots and those in the South agree on 74 out of 76 items. The two exceptions are both children's activities: a holiday away from home for children once a year; and having friends round for tea once a fortnight. Both are seen as necessities (just) in Scotland but fall just short of majority support in the South (49 per cent); neither difference is significant.

In terms of more general levels of views, there are just five significant differences between Scotland and the South of England – one fewer than when comparing the 2011 Scottish sample with the RoUK as a whole; if we use the 5 per cent threshold, there are six significant differences. In this case, the differences all lie in the same direction, with Scots slightly less likely to view these items as necessities. If anything, then, Scots have slightly lower expectations than the South of England. Four of the items are high tech goods discussed above (home internet connection, home computer, mobile phone, computer/internet for child to do homework) with 10-16 per cent fewer Scots viewing these as necessities, while the fifth is visits to friends/family four times a year. As previously, there is almost no change in this picture when we control for a range of compositional factors through logistic regression models.

## **Conclusions and discussion**

For the analysis of poverty, the key finding from this article is that the population of Scotland does not have a different view about the items which constitute the necessities of life compared to the rest of the UK; it does not even differ from the South of England – the part of the UK with which it might have been expected to have most divergence in views. It follows that the same standard can therefore be used to judge levels of poverty across the whole of the UK. That is an important finding for the PSE-UK project and for the consensual approach more generally. It confirms previous comparisons of views about the necessities of life north and south of the border (Pantazis et al 2006). More generally, it supports the results of much previous work on consensual measures that a strong consensus on the necessities exists across a very wide range of social groups or divisions.

For the wider understanding of social attitudes, our findings fit with much previous research which has suggested that the image of Scotland as a part of the UK with more ‘progressive’ attitudes tends to be over-stated. The results therefore challenge the claims made by many proponents of constitutional change that independence for Scotland would automatically lead to a fairer, more equal society. The fact that Scots would set the same minimum standard as the UK as a whole suggests that little would change with independence, at least in the early years. When we extend the analysis of attitudes by controlling for compositional factors, the picture does not change. This suggests that such differences as do exist arise from context rather than composition and might therefore be viewed as some indication of very limited cultural difference. The overwhelming impression, however, is one of similarity.

At the same time, it is important to remind ourselves of the most glaring contradiction which the PSE-UK's consensual measure exposes: that 29 per cent of households in Scotland and 33 per cent in the UK as a whole have living standards below the minimum identified by this democratic approach (Bailey and Bramley 2013; Gordon et al 2013). Attitudes to the social minimum are clearly not the only factor shaping social policy. Other kinds of social attitudes may be important, and these may appear contradictory or to pull in other directions (Golding and Middleton 1982). Political or public discourses on poverty and inequality are another factor, and these have certainly been more progressive in tone in Scotland in recent years even if policies have differed little in substance (Scott and Mooney 2009). The potential impacts of independence or of greater devolution on the social minimum in Scotland therefore remain unclear.

## References

- Aldridge, H. and Kenway, P. (2014) *Referendum briefing: child poverty in Scotland*. York: JRF.
- Bailey, N. and Bramley, G. (2013) *The Poverty and Social Exclusion in the UK Survey 2012: Headline results for Scotland*. Bristol: PSE-UK.
- Barham, E. (2010) *Differences in decline: relative child poverty in Scotland and England 1998/99 to 2008/09*. Edinburgh: Scottish Government - Communities Analytical Services.
- Brown, A., McCrone, D., and Paterson, L. (1996) *Politics and society in Scotland*. Basingstoke: Macmillan.
- Curtice, J. and Ormston, R. (2011) Gradually moving apart? Trends in public opinion in Scotland and England. Paper presented at the Institute of Governance/SCSR/ESRC/University of Edinburgh seminar, Edinburgh, 9 Feb 2011.
- Dempsey, P. (2013) *A stark choice: widening inequality or a fairer, more prosperous Scotland*. [www.yesscotland.net/a\\_stark\\_choice\\_widening\\_inequality\\_or\\_a\\_fairer\\_more\\_prosperous\\_scotland](http://www.yesscotland.net/a_stark_choice_widening_inequality_or_a_fairer_more_prosperous_scotland) [Accessed 21 Feb 2014]
- Devine, T. M., Lee, C. H., and Peden, G. C. (2005) *The transformation of Scotland: the economy since 1700*. Edinburgh: EUP.
- European Commission (2010) *Europe 2020: a European strategy for smart, sustainable and inclusive growth. COM(2010) 2020 final*. Brussels: EC.
- Fahmy, E., Pemberton, S., and Sutton, E. (2012) *Public perceptions of poverty and social exclusion: final report on focus group findings. PSE: UK Analysis Working Paper 3*. Bristol: PSE Project.
- Golding, P. and Middleton, S. (1982) *Images of welfare: press and public attitudes to*

- welfare*. Oxford: Basil Blackwell and Martin Robertson.
- Goodman, A., Johnson, P., and Webb, S. (1997) *Inequality in the UK*. Oxford: OUP.
- Gordon, D. and Pantazis, C. (1997) *Breadline Britain in the 1990s*. Aldershot: Ashgate.
- Gordon, D. (2006) The concept and measurement of poverty, in Pantazis, C., Gordon, D., & Levitas, R. (eds) *Poverty and social exclusion in Britain: the Millennium Survey*, 29-70. Bristol: Policy Press.
- Gordon, D. (2012) *Why use relative risks? PSE-UK Statistical Briefing Note 1*. Bristol: PSE project.
- Gordon, D. et al. (2013) *The impoverishment of the UK*. Bristol: PSE-UK.
- Gordon, D., Adelman, L., Ashworth, K., Bradshaw, J., Levitas, R., Middleton, S., Pantazis, C., Patsios, D., Payne, S., Townsend, P., and Williams, J. (2000) *Poverty and social exclusion in Britain*. York: JRF.
- Hillyard, P., Kelly, G., McLaughlin, E., Patsios, D., and Tomlinson, M. (2003) *Bare Necessities: Poverty and Social Exclusion in Northern Ireland*. Belfast: Democratic Dialogue.
- Kelly, G., Tomlinson, M., Daly, M., Hillyard, P., Nandy, S., and Patsios, D. (2012) *The necessities of life in Northern Ireland. PSE Working Paper - Analysis Series 1*. Bristol: PSE.
- Mack, J. and Lansley, S. (1985) *Poor Britain*. London: Allen and Unwin.
- McCrone, D. (2001) *Understanding Scotland: the sociology of a nation. Second edition*. London: Routledge.
- Main, G. and Bradshaw, J. (2013) *The necessities of life for children. PSE Working Paper*. York: University of York.
- Mooney, G. and Scott, G. (2005) *Exploring social policy in the 'new' Scotland*. Bristol: Policy Press.
- NatCen (2013) *NatCen Omnibus: technical report*. London: NatCen.

- Niedzwiedz, C. L. and Kandlik-Eltanani, M. (2014) Attitudes towards Income and Wealth Inequality and Support for Scottish Independence over Time and the Interaction with National Identity: Scottish Affairs, *Scottish Affairs* 23 (1): 27-54.
- Northern Ireland Statistics and Research Agency (NISRA) (2012) *Northern Ireland Omnibus Survey June 2012: Necessities of life module - codebook and technical summary (revised October 2012)*. Belfast: NISRA.
- Pantazis, C., Gordon, D., and Townsend, P. (2006) The necessities of life, in Pantazis, C., Gordon, D., & Levitas, R. (eds) *Poverty and social exclusion in Britain: the Millennium Survey*, 89-122. Bristol: Policy Press.
- Patsios, D., Nandy, S., and Gordon, D. (2013) *Harmonised UK Omnibus 2012. PSE Statistical Briefing 3*. Bristol: PSE.
- Ringen, S. (1988) Direct and indirect measures of poverty, *Journal of Social Policy* 17 (3): 351-66.
- Rio Group (Expert Group on Poverty Statistics) (2006) *Compendium of best practices in poverty measurement*. Rio de Janeiro: Rio Group.
- Salmond, A. (2013) *Addressing alienation: the opportunity of independence. Jimmy Reid Memorial Lecture 29 January 2013*. Edinburgh: Scottish Government.
- Scott, G. and Mooney, G. (2009) Poverty and Social Justice in the Devolved Scotland: Neoliberalism Meets Social Democracy?, *Social Policy and Society* 8 (03): 379-89.
- Scottish Affairs Select Committee (SASC) (2000) *Poverty in Scotland. HC 59-I*. London: House of Commons.
- Scottish Government (2013) *Scotland's future: your guide to an independent Scotland*. Edinburgh: Scottish Government.
- SurrIDGE, P. (2003) A classless society? Social attitudes and social class, in Bromley, C. et al. (eds) *Devolution: Scottish answers to Scottish questions?*, 137-160. Edinburgh: EUP.
- Townsend, P. (1979) *Poverty in the UK: a survey of household resources and living*

*standards*. Harmondsworth: Allen Lane.

van Oorschot, W. (2006) Making the difference in social Europe: deservingness perceptions among citizens of European welfare states, *Journal of European Social Policy* 16 (1): 23-42.

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<sup>1</sup> A small number of items viewed as necessities by the public are removed from the measure for statistical reasons: namely, where the lack of that item does not correlate with the lack of other items or it is not associated with outcomes such as poor health which are known to be strongly correlated with poverty. See Gordon (2006).

<sup>2</sup> The Northern Irish survey collected data using two different methodologies: a sort card exercise as in the British surveys; and a computer-based self-completion exercise. Respondents were assigned to each at random. In general, respondents using the sort card exercise were *less* likely to indicate that a particular item was a necessity. For comparability with British results, only the data from the sort card exercise is used here.