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Norman, PD orcid.org/0000-0002-6211-1625 Selective mobility: it depends which groups you compare with. In: Health and Mobility, 08 Jun 2018.

10.13140/RG.2.2.25881.72805

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Selective mobility: it depends which groups you compare with

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Acknowledgements

- Permission of ONS to use the Longitudinal Study
- Help by staff at CeLSIUS, particularly Chris Marshall
- The published paper doi:10.1016/j.socscimed.2009.02.051 was cleared by the ONS LS (LS30033B)

Selective mobility: changing social & deprivation gradients of health

Background

Evidence that health & mortality inequalities widened in the UK over the last few decades

Social Class: between SCI (professionals) & SCV (unskilled)

(Hattersley 1999; Blane et al. 1997; Drever & Whitehead 1997; Blane & Drever 1998)

Geographical area

(Dorling 1997; Levin & Leyland, 2005; Leyland 2004; Shaw et al. 2005)

Deprivation of areas

(Boyle et al. 2005; Raleigh & Kiri 1997; Norman et al. 2005)

Background

Reasons for widening inequalities less well understood

'Social selection': debate about cause/effect, but ...

Healthier people more likely to experience upward social mobility

• Less healthy people more likely to move down the social hierarchy

'Deprivation selection': similar cause/effect debate, but ...

• Healthier people more likely to move to less deprived areas

• People in poorer health more likely to move to more deprived areas

Selective mobility: gradient constraint

For social mobility to increase social class differences

• Health of those moving **into** higher classes at least as good as those they **join**

• Health of those moving **into** lower classes needs to be at least as poor as those they **join**

Bartley & Plewis (1997; 2007) do not find this:

- Health of those who are mobile somewhere between the group they **left** and the group they **joined**
- Conclude that social mobility acts to **constrain** rather than increase social class differences



























Selective mobility: changing social & deprivation gradients of health

Gradient constraint

"Social mobility may moderate, rather than create or amplify, social class differences in health." (Blane et al. 1999: 68)

Comparison of the **mobile** groups with the **stable** groups suggests health gradients are constrained

For example:

Stable in Q1 (64) + Up to Q1 (69) = Q1 (67) Stable in SCI (54) + Up to SC1 (70) = SCI (62)

Using the 'stable' as a comparator an 'ideal' This reveals health if nobody mobile

Selective mobility: changing social & deprivation gradients of health

The net difference?

 \bullet The most important comparison in our deprivation analysis is between the incomers and those they replace

Deprivation inequality increases

• Health of those into less deprived areas is **better** than those they **replace**

Q1 in '71 (82) – From Q1 (92) + To Q1 (69) = Q1 in '91 (67)

• Health of those into more deprived areas is **worse** than those they **replace**

Q5 in '71 (124) – From Q5 (107) + To Q5 (140) = Q5 in '91 (146)

Selective mobility: changing social & deprivation gradients of health

The net difference?

• The most important comparison in our Social Class analysis is between the **incomers** and those they **replace**

Social Class inequality decreases

• Upwardly mobile into SCI have **worse** health than those they **replace** SCI in '71 (62) – From SCI (66) + To SCI (70) = SCI in '91 (62)

• Downwardly mobile into SCV have **better** health than those they **replace** SCV in '71 (137) – From SCV (134) + To SCV (129) = SCV in '91 (132)

Why different effects? **Current** deprivation & **previous** SC most influential? Frameworks need to take care with comparison groups (Norman 2018)

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