

The influence of neighbourhood equity on parkrunners in a British city.

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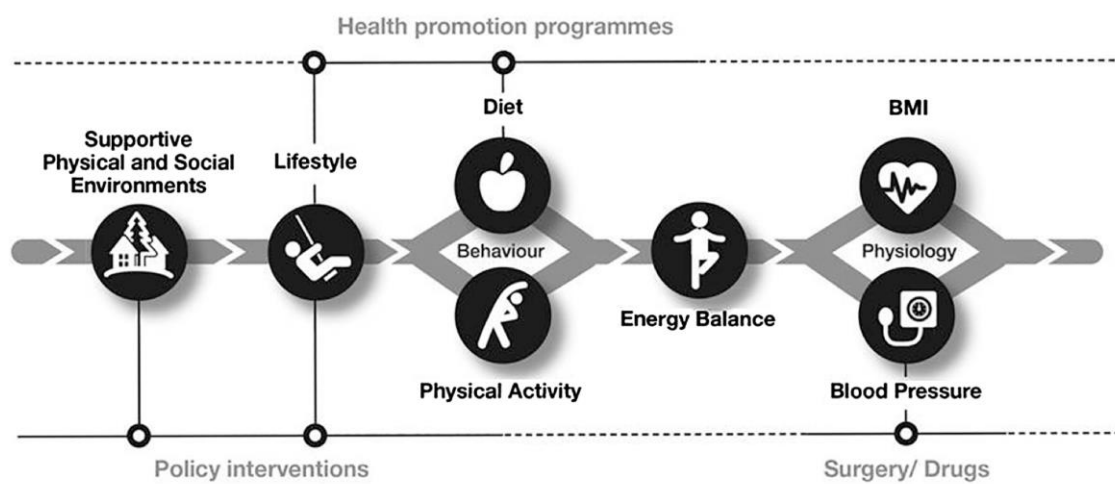


Fig. 1: Energy balance model for physical activity (Whitfield *et al.*, 2016).

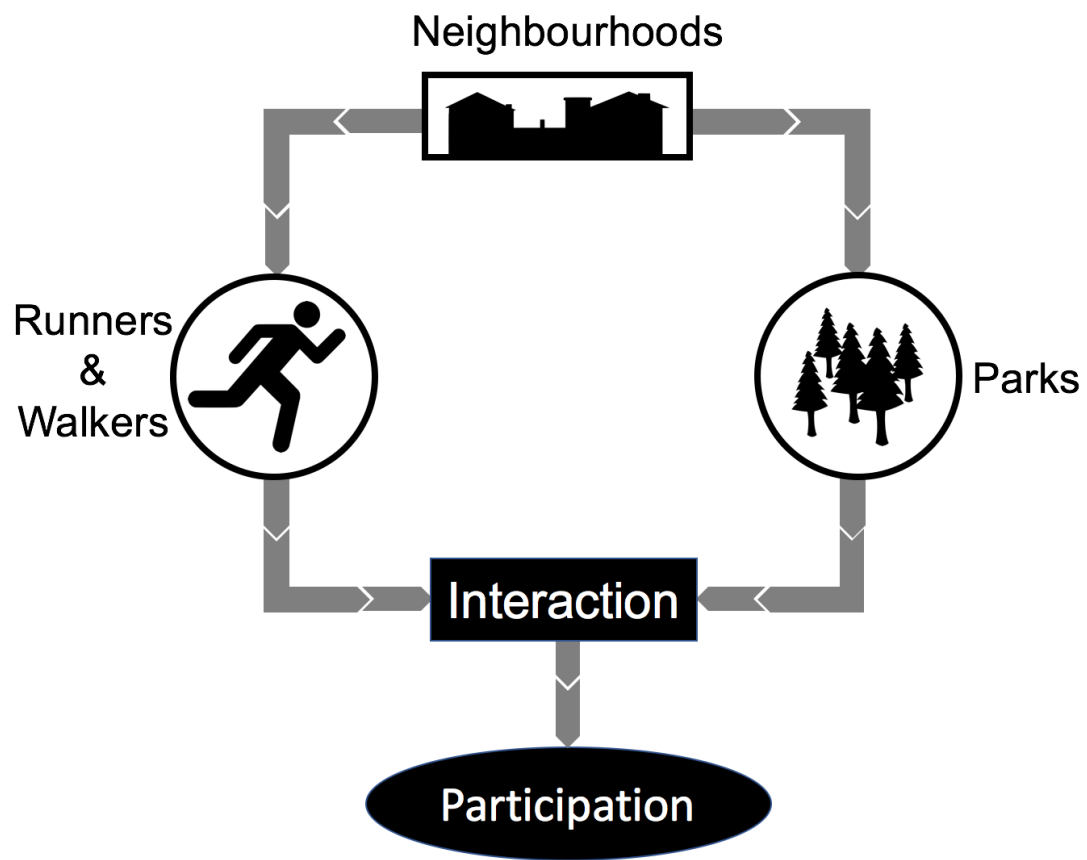


Fig. 2: The influence of neighbourhood context on participation at parkrun.

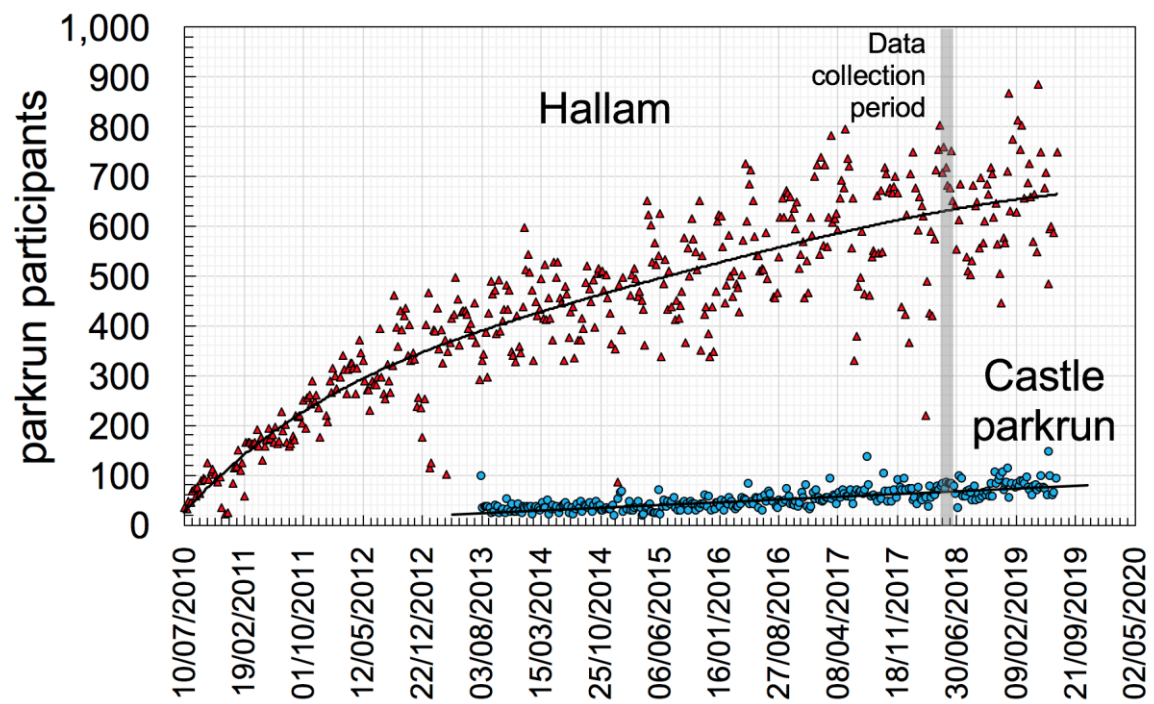


Fig. 3: Evolution of participation at Castle and Hallam parkruns.

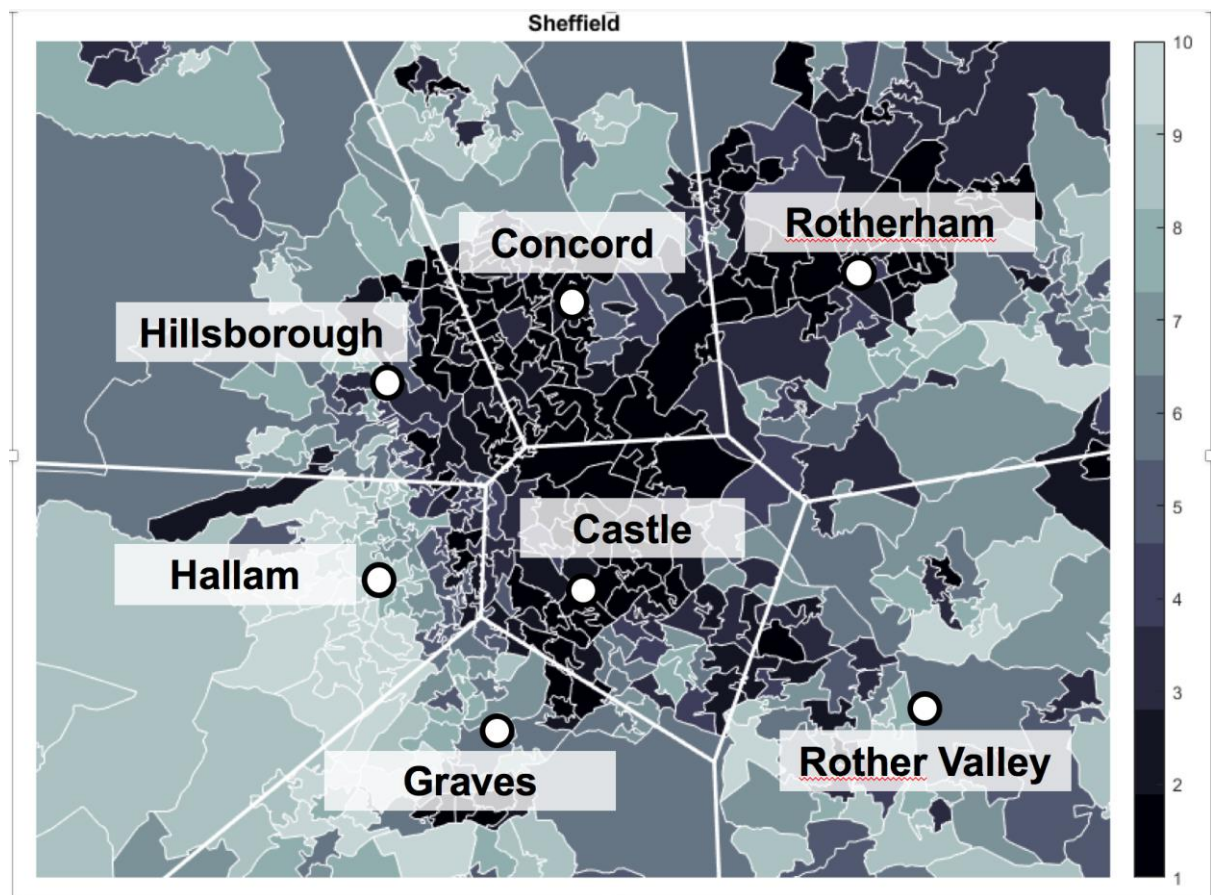


Fig. 4: Map of Index of Multiple Deprivation for Sheffield showing Hallam and Castle parkruns and surrounding parkruns. Lines indicate the approximate catchment areas for each parkrun.

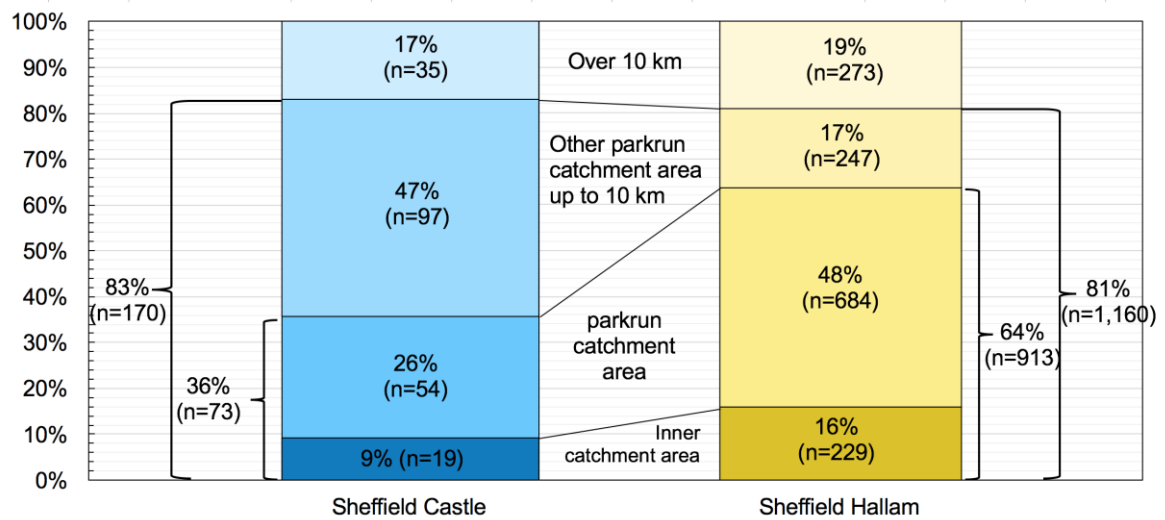


Fig. 5: parkrunners from different areas participating in Castle (n=205) and Hallam (n=1,433) parkruns as a proportion of the total (percentages subject to rounding).

		Number of unique parkrunners from different catchment areas			
		Hallam	Castle	Any other	Total
		(Population=131,321)	(Population=121,014)	parkrun catchment	
parkrun	Hallam	913	28	492	1,433
	Castle	48	73	84	205
	Any				
	other	416	150		
	parkrun				
Total		1,377	251		

Table 1. Numbers of unique parkrunners from the Hallam and Castle catchment areas.

		Castle parkrunners (<i>n</i> =205)	Sheffield population (<i>N</i> =345 LLSOAs)	Hallam parkrunners (<i>n</i> =1,433)
Composite IMD		3	5	9
Population Composition	Employment	4	5	9
	Income	3	5	9
	Education	2	4	10
	Health	3	4	8
Neighbourhood Context	Crime	3	5	7
	Housing	5	5	8
	Living Environment	4	6	5

Table 2: Median Index of Multiple Deprivation and domains for runners at Castle and Hallam parkruns compared to Sheffield.