**Search Terms**

1. (physical* activ*)
2. (leisure adj3 time)
3. (sport*)
4. (exercise)
5. (walk*)
6. (recreational)
7. (father* adj3 (occupation* or education*))
8. (mother* adj3 (occupation* or education*))
9. (parent* adj3 (occupation* or education*))
10. (father* adj3 (income or manual))
11. (mother* adj3 (income or manual))
12. (parent* adj3 (income or manual))
13. (father* adj3 (social class or social status))
14. (mother* adj3 (social class or social status))
15. (parent* adj3 (social class or social status))
16. (child* adj3 (social class or social status))
17. (early-life adj3 (social class or social status))
18. (adolescen* adj3 (social class or social status))
19. (father* adj3 (socioeconomic or socio-economic))
20. (mother* adj3 (socioeconomic or socio-economic))
21. (parent* adj3 (socioeconomic or socio-economic))
22. (child* adj3 (socioeconomic or socio-economic))
23. (adolescen* adj3 (socioeconomic or socio-economic))
24. (early adj3 (socioeconomic or socio-economic))
25. (early-life adj3 (socioeconomic or socio-economic))
26. (child* adj3 (deprivation or poverty))
27. (early-life adj3 (deprivation or poverty))
28. (adolescen* adj3 (deprivation or poverty))
29. (child* adj3 overcrowding)
30. (adult*)
31. (midlife or mid-life)
32. (old*)
33. (later-life)
34. 1 OR 2 OR 3 OR 4 OR 5 OR 6
35. 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29
36. 30 OR 31 OR 32 OR 33
37. 34 AND 35 AND 36
38. Limit 37 to humans
39. Remove duplicates from 38

Adj3 locates results where search terms are within three words of each other.
* captures alternative word endings
Additional file 1b EBSCO (CINAHL and SPORTDiscus) search strategy.

Search Terms

1. (physical* activ*)
2. (leisure N3 time)
3. (sport*)
4. (exercise)
5. (walk*)
6. (recreational)
7. (father* N3 (occupation* or education*))
8. (mother* N3 (occupation* or education*))
9. (parent* N3 (occupation* or education*))
10. (father* N3 (income or manual))
11. (mother* N3 (income or manual))
12. (parent* N3 (income or manual))
13. (father* N3 (social class or social status))
14. (mother* N3 (social class or social status))
15. (parent* N3 (social class or social status))
16. (child* N3 (social class or social status))
17. (early-life N3 (social class or social status))
18. (adolescen* N3 (social class or social status))
19. (father* N3 (socioeconomic or socio-economic))
20. (mother* N3 (socioeconomic or socio-economic))
21. (parent* N3 (socioeconomic or socio-economic))
22. (child* N3 (socioeconomic or socio-economic))
23. (adolescen* N3 (socioeconomic or socio-economic))
24. (early N3 (socioeconomic or socio-economic))
25. (early-life N3 (socioeconomic or socio-economic))
26. (child* N3 (deprivation or poverty))
27. (early-life N3 (deprivation or poverty))
28. (adolescen* N3 (deprivation or poverty))
29. (child* N3 overcrowding)
30. (adult*)
31. (midlife or mid-life)
32. (old*)
33. (later-life)
34. 1 OR 2 OR 3 OR 4 OR 5 OR 6
35. 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29
36. 30 OR 31 OR 32 OR 33
37. 34 AND 35 AND 36
38. Remove duplicates from 37

N3 locates results where search terms are within three words of each other.

* captures alternative word endings