

Within-schools	Between-schools
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$$G^0 - G^1 = \sum_s \frac{n_s^0}{N^0} (g_s^0 - g_s^1) + \sum_s g_s^1 \left(\frac{n_s^0}{N^0} - \frac{n_s^1}{N^1} \right)$$

Where

G^0 is the national mean attainment score of non – disadvantaged pupils

G^1 is the national mean attainment score of disadvantaged pupils

g_s^0 is the mean attainment score of non-disadvantaged pupils at school s

g_s^1 is the mean attainment score of disadvantaged pupils at school s

n_s^0 is the number of non-disadvantaged pupils at school s

n_s^1 is the number of disadvantaged pupils at school s

N^0 is the number of non-disadvantaged pupils nationally

N^1 is the number of disadvantaged pupils nationally