

Create values for confidence interval plot.

Obs	Year	CaloriesPerServing	Lower	Upper
1	1936	268.1	210.439	325.761
2	1946	271.1	213.717	328.483
3	1951	280.9	227.213	334.587
4	1963	294.7	240.320	349.080
5	1975	285.6	230.943	340.257
6	1997	288.6	232.233	344.967
7	2006	384.4	306.641	462.159

Check our values

CompValues	
210.43942	325.76058
306.64138	462.15862

ReferenceValues	
1638.7	2608.9
2360.7	3743.1

From this plot, it appears that average calories per serving changed little from 1936 to 1963, then stagnated upto 1997, then a sudden increase between 1997 to 2006. This suggests that the significant increase from 1997 to 2006 reported by Wansink is due to an increase in the 1997 serving only. Thus, we only need to compare 1997 and 2006 serving sets.

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