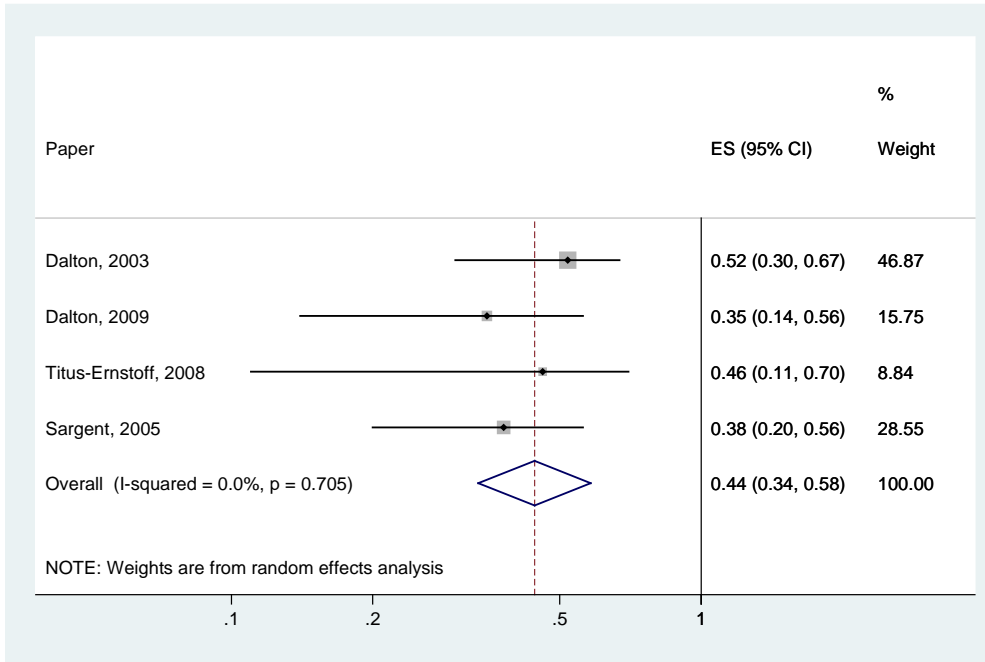
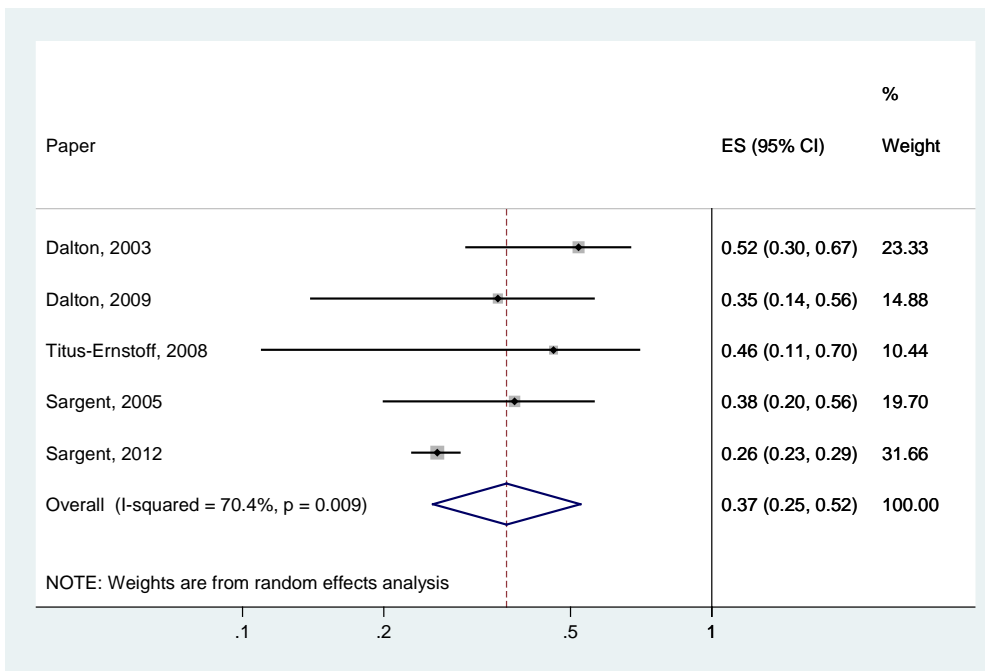


ATTRIBUTABLE RISK FOR SMOKING DUE TO EXPOSURE TO SMOKING IN MOVIES

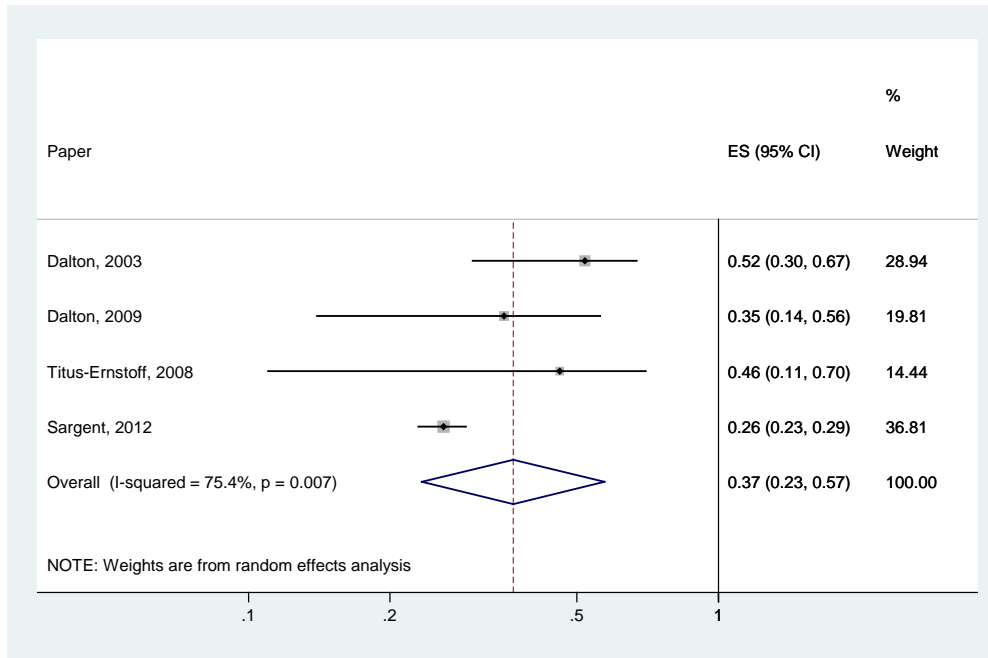
Here is the meta-analysis in the Millett paper. It gives a pooled estimate of 44% for the attributable risk, with a “margin of error” (95% confidence interval) extending from 34% to 58%.



Adding in the 2012 Sargent study that had an individual attributable risk estimate of 26% lowers the pooled estimate to 37% with a 95% confidence interval extending from 25% to 52%.



The Sargent 2012 paper was a longitudinal follow-up of the Sargent 2005 paper. If we drop that one from the analysis and just use the 2012 paper (whether this is necessary is debatable, since we can treat the two estimates, 38% from the 2005 study and 26% from the 2012 follow-up as two estimates of the same thing), yields essentially the same pooled estimate as keeping the 2005 paper in: 37% with a 95% confidence interval from 23% to 57%.



Comparing all these plots shows how consistent these estimates are across studies.

Stanton Glantz
 Professor of Medicine
 UCSF
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