

**Percentage Reduction in Average Event Rate,
if data are analyzed after indicated no. of events**

1,2,3: Accumulating results for trials where reductions in event rates are virtually immediate, and sustained
- lowest 3 curves, reductions: >95%, ~60%, >45%

4,5,6: Likewise for trials of screening for cancer of the...
- PROSTATE, using the PSA test (Schröder et al., 2009)
- COLON, using once-only sigmoidoscopy (Atkin et al., 2010)
- LUNG, using Low-Dose Computed Tomography (NLST, 2011)

7: Accumulating results for a hypothetical trial of cancer screening. In this model program, screening continues for many years and produces mortality reductions of [0%], [2%], [14%] and [35%] in years 1, 2, 3 and 4 and a full [50%] reduction each year thereafter.

