

SP30 Proforma

Checks of statistical aspects of BMJ paper by Abramson et al. BMJ 2013; 347:F6123.

June 8th 2014.

I have focussed on checking the statistics and numbers in the paper, rather than issues of interpretation or wider aspects of the literature selected.

	Statistical issue	Rating	Comments
1	<i>Second paragraph of Abramson paper.</i> Are values correctly quoted for % of men and women with $\geq 20\%$ risk using QRisk2?		
2	<i>First paragraph in the section 'Why did Cochrane change its advice?'</i> Is it correct that inclusion of 3 additional clinical trials in the Cochrane review did not substantially alter the previously documented effect of statin therapy?		
3	<i>Second paragraph in the section 'Why did Cochrane change its advice?'</i> Is average five year risk of 2.6% correctly quoted?		
4	<i>Second paragraph in the section 'Why did Cochrane change its advice?'</i> Are numerical values from the CTT Lancet 2012 paper correctly quoted (i.e. 2.6%, 9.1%, 20%, 11/1000)?		
5	<i>Table 1 of Abramson paper.</i> Are calculations in Table 1 correct?		
6	<i>Third paragraph in the section 'Examining the data'</i> Are calculations and numbers relating to exclusion of coronary revascularisation procedures correct?		
7	<i>Section 'Myopathy'</i> Are numbers in this section quoted/calculated correctly?		
8	<i>Section 'Diabetes'</i> Are numbers in section on diabetes risks quoted/calculated correctly?		
9	<i>Second paragraph in the section 'Limitations of research data'</i> Are numbers in paragraph on possible mechanisms quoted correctly (ref 23)?		
10	<i>Fourth paragraph in the section 'Limitations of research data'</i>		

	Are numbers in last paragraph in this section quoted/calculated correctly?		
11	<i>Final box</i> Check numbers in final box match those in the paper.		
	Any other comments:		

Rating A= definitely justified, B=uncertain C=incorrect