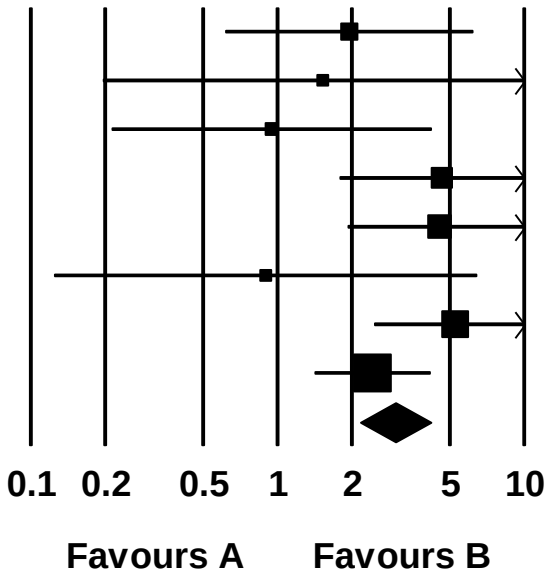
Supplementary information

Assumption: no lost of follow-up

Meta Analysis

Study name	Rate ratio	Lower limit	Upper limit	Z-Value	p-Value
CHANTEAU 1983	1.955	0.613	6.233	1.133	0.257
GROENEN 1990	1.528	0.196	11.937	0.404	0.686
BAGSHAWE 1990	0.948	0.212	4.238	-0.069	0.945
ULRICH 1991	4.635	1.781	12.062	3.143	0.002
DOUGLAS 2004	4.541	1.920	10.740	3.446	0.001
SINHA 2004	0.896	0.124	6.468	-0.109	0.913
GOULART 2008	5.257	2.462	11.223	4.289	0.000
DUPPRE 2012	2.430	1.410	4.186	3.199	0.001
	2.999	2.158	4.167	6.544	0.000

Statistics for each study

Rate ratio and 95% CI