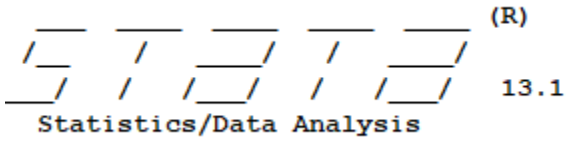
Appendix C

An example of analyses conducted in Stata using the metaan module.

The meta-analysis was conducted using the classic Cochrane bronchoconstriction dataset used in many texts to demonstrate meta-analysis. Below are the outputs from the Cochrane test and forest plots.



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`metaan me se mc sc , dl mhor`

Heterogeneity Measures

	Value	df	p-value
Cochrane Q	7.48	16	0.96
	Value	df	[95% Conf. Interval]
I^2 (%)	0.00	0.00	51.09
H^2	1.00	0.49	2.04
tau^2 (dl)	0.000		

`metaan me se mc sc , dl mhor label(studyid year) forest`

DerSimonian-Laird random-effects method selected
(MH Odds-Ratio)

Study	Authors	Year	Effect	[95% Conf. Interval]		% Weight
1	Roberts	1985	-0.656	-1.506	0.194	7.65
2	Shaw	1985	-0.764	-1.94	0.412	3.99
3	Debelic	1986	-0.533	-1.373	0.306	7.84
4	Chudry	1987	-0.638	-1.57	0.294	6.36
5	Konig	1987	-0.952	-1.973	0.069	5.3
6	Boner	1988	0.01	-0.952	0.972	5.97
7	Henriksen	1988	-0.763	-1.673	0.146	6.68
8	Boner	1989	-0.14	-1.11	0.83	5.87
9	Morton	1992	-0.592	-1.509	0.326	6.56
10	Comis	1993	-0.556	-1.534	0.422	5.77
11	Todaro	1993	-1.644	-3.036	-0.253	2.85
12	DeBenedictis	1994	-0.2	-1.187	0.788	5.66
13	DeBenedictis	1994	-0.65	-1.53	0.23	7.13
14	Novembre	1994	-0.108	-1.167	0.952	4.92
15	Novembre	1994	-0.68	-1.712	0.351	5.19
16	DeBenedictis	1995	-0.516	-1.414	0.382	6.85
17	Oseid	1995	-0.079	-1.09	0.933	5.4
Overall effect (dl)			-0.528	-0.763	-0.293	100