Figure 1

Study or Subgroup	Success Mean	Success SD	Success Total	Relapse Mean	Relapse SD	Relapse Total	Weight	Mean Difference IV, Random, 95% CI	Year
Yamada 2006	55.7	45.5	35	66.8	56.8	31	13.7%	-11.10 [-36.14, 13.94]	2006
Kurosaki 2007	49	43	42	45	34	12	14.6%	4.00 [-19.22, 27.22]	2007
Yamada 2008	56.8	23.1	15	74.3	47.8	13	12.1%	-17.50 [-45.99, 10.99]	2008
Degener 2011	72	34.8	54	159	107.4	10	3.7%	-87.00 [-154.21, -19.79]	2011
Machino-Ohtsuka 2011	49.8	54.3	110	55.3	39.2	45	18.9%	-5.50 [-20.80, 9.80]	2011
Pilliarisetti 2014	26	27.4	62	32	11.11	26	22.6%	-6.00 [-14.05, 2.05]	2014
Xing 2015	49.3	22.1	18	98.7	45.3	18	14.5%	-49.40 [-72.68, -26.12]	2015
Total (95% CI)			**336**			**155**	**100.0%**	**-15.81 [-29.74, -1.87]**	

Heterogeneity: Tau² = 206.83; Chi² = 18.99, df = 6 (P = 0.004); I² = 68%

Test for overall effect: Z = 2.22 (P = 0.03)

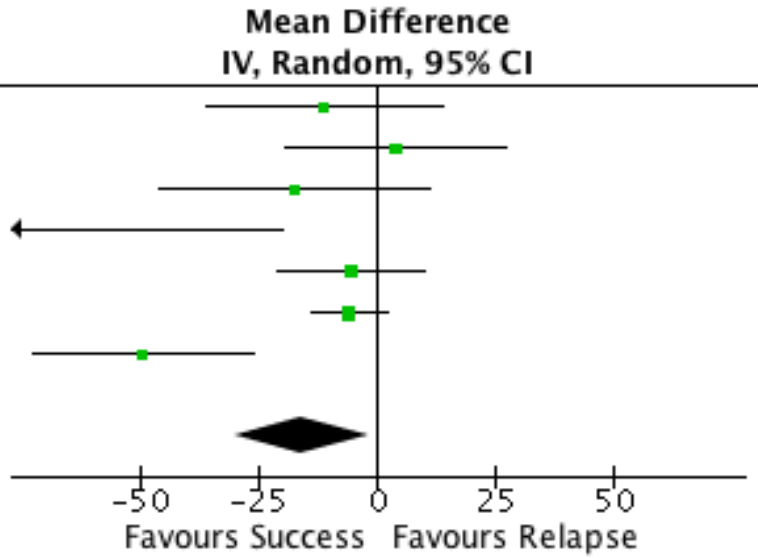
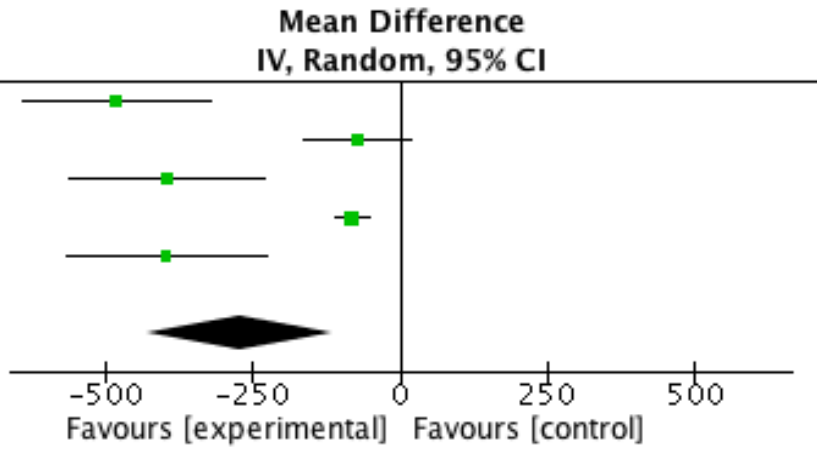


Figure 2

Study or Subgroup	Success Mean	Success SD	Success Total	Relapse Mean	Relapse SD	Relapse Total	Weight	Mean Difference IV, Random, 95% CI	Year
Hwang 2009	122.6	137.7	53	602.2	353.6	20	18.7%	-479.60 [-638.94, -320.26]	2009
Uijil 2011	84.6	81.5	66	156.4	208.3	21	21.5%	-71.80 [-163.03, 19.43]	2011
Fan 2012	176.8	188.73	23	572.72	234.21	10	18.5%	-395.92 [-560.30, -231.54]	2012
Giannopoulos 2015	188	128.9	203	269	120	93	23.0%	-81.00 [-111.15, -50.85]	2015
Arana-Rueda 2015	176	259	53	572	368	22	18.3%	-396.00 [-564.85, -227.15]	2015
Total (95% CI)			**398**			**166**	**100.0%**	**-269.49 [-426.60, -112.39]**	

Heterogeneity: Tau² = 27709.71; Chi² = 47.53, df = 4 (P < 0.00001); I² = 92%

Test for overall effect: Z = 3.36 (P = 0.0008)