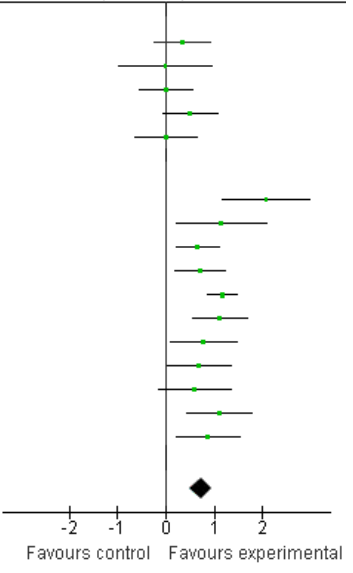
# Figure 1: Pooled Estimate in SMD Units

| Study or Subgroup | Experimental Mean | Experimental SD | Experimental Total | Control Mean | Control SD | Control Total | Weight | Std. Mean Difference IV, Random, 95% CI |
|---|---|---|---|---|---|---|---|---|
| **2.1.1 SGRQ** | | | | | | | | |
| Boxall 2005 | 5.8 | 11.8 | 23 | 1.4 | 13.3 | 24 | 6.8% | 0.34 [-0.23, 0.92] |
| Chlumsky 2001 | 4.07 | 19.76 | 13 | 4.22 | 19.2 | 6 | 3.9% | -0.01 [-0.97, 0.96] |
| Engstrom 1999 | -0.3 | 17.3 | 26 | -0.5 | 16.2 | 24 | 7.0% | 0.01 [-0.54, 0.57] |
| Finnerty 2001 | 9.3 | 12.2 | 24 | 2.2 | 15 | 25 | 6.9% | 0.51 [-0.06, 1.08] |
| Ringbaek 2000 | 2.1 | 19 | 17 | 2.2 | 17 | 19 | 6.1% | -0.01 [-0.66, 0.65] |
| **2.1.2 CRQ** | | | | | | | | |
| Behnke 2000 | 1.9 | 0.7 | 15 | -0.07 | 1.1 | 15 | 4.2% | 2.08 [1.17, 2.99] |
| Cambach 2004 | 1.04 | 0.91 | 15 | 0.01 | 0.75 | 8 | 4.1% | 1.15 [0.22, 2.09] |
| Goldstein 2004 | 0.43 | 0.92 | 40 | -0.13 | 0.75 | 40 | 8.1% | 0.66 [0.21, 1.11] |
| Gosselink 2000 | 0.67 | 1.02 | 34 | -0.1 | 1.11 | 28 | 7.4% | 0.72 [0.20, 1.23] |
| Griffiths 2000 | 0.97 | 1 | 93 | -0.15 | 0.9 | 91 | 9.6% | 1.17 [0.86, 1.49] |
| Guell 1995 | 0.98 | 1.01 | 29 | -0.18 | 1.05 | 27 | 6.9% | 1.11 [0.55, 1.68] |
| Guell 1998 | 0.45 | 0.89 | 18 | -0.3 | 0.97 | 17 | 5.8% | 0.79 [0.10, 1.48] |
| Hernandez 2000 | 0.86 | 1 | 20 | 0.14 | 1.03 | 17 | 6.0% | 0.69 [0.03, 1.36] |
| Simpson 1992 | 0.86 | 1.26 | 14 | 0.13 | 1.11 | 14 | 5.2% | 0.60 [-0.16, 1.36] |
| Singh 2003 | 0.91 | 0.75 | 20 | 0.1 | 0.68 | 20 | 6.0% | 1.11 [0.44, 1.78] |
| Wijkstra 1994 | 0.8 | 0.83 | 28 | 0.07 | 0.82 | 15 | 6.1% | 0.87 [0.21, 1.52] |
| **Total (95% CI)** | | | **429** | | | **390** | **100.0%** | **0.73 [0.49, 0.96]** |

Heterogeneity: Tau² = 0.13; Chi² = 35.82, df = 15 (P = 0.002); I² = 58%

Test for overall effect: Z = 6.04 (P < 0.00001)