

Title:  
**Stochastically Dependent Effect Sizes**

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**Abstract:**

Dependent effect sizes occur in several ways. When multiple treatments are compared against a common control, the effect sizes will be correlated. Studies of this kind are called multiple treatment studies. In other studies there is a single treatment and a single control, but multiple measures are used as end-points for each subject. Studies of this type are called multiple end-point studies. Analyses for each type are presented. Problems with missing data are resolved by using a regression model.