Study 1

d = (M1 - M2) / SD_pooled

where M1 and M2 are the means of the two groups being compared, and SD_pooled is the pooled standard deviation.

In the text, we are provided with the paired t-test values (t), degrees of freedom (df), and p-values. We can use these values to calculate Cohen's d.

Changes from right to wrong vs. wrong to right:
t(50) = 1.80, p = .08

Changes from right to wrong vs. wrong to wrong:
t(50) = 4.56, p = .001

To calculate Cohen's d from the paired t-test:

d = t / sqrt(df)

Changes from right to wrong vs. wrong to right:
d = 1.80 / sqrt(50) = 1.80 / 7.07 ≈ 0.25

Changes from right to wrong vs. wrong to wrong:
d = 4.56 / sqrt(50) = 4.56 / 7.07 ≈ 0.64

The effect sizes for Study 1 are as follows:

Comparing changes from right to wrong and wrong to right: d ≈ 0.25
Comparing changes from right to wrong and wrong to wrong: d ≈ 0.64