WEB PAGE FOR CHAPTER 22

ANSWERS TO REVIEW QUESTIONS

Qu 22.1 (a) negative; (b) For r = .50 you find z = 549. For r = –31 you find z = –321; (c) Z = 2.22, p = .0132 one-tailed and 0264 two-tailed; (d) the p value is small enough to convince you that your result differs significantly from the original and should not be combined with it.

Qu 22.2 z = 485 and 424; Z = .47 ; p = .3192 one-tailed; (d) this is an example of two studies that do not disagree significantly in their estimation of the size of the relation between variables X and Y. They can be combined.

Qu 22.3 z = 485 and 424; mean z = 45; combined effect size = 442

Qu 22.4 Z= 1.64 and 1.47; Z = 12; p = 4522 one-tailed, which is a non-significant difference between p values which shows just how trivial the conventional line of demarcation between significant and non-significant results sometimes is.