

## CHAPTER 10

### *Fill-in-the-blanks*

- (1) two
- (2) independent
- (3) random
- (4) randomly
- (5) pairs
- (6) mean
- (7) difference
- (8) distribution
- (9) polygon
- (10) standard error
- (11) 0
- (12) normal
- (13) smaller
- (14)  $\bar{X}_1 - \bar{X}_2$
- (15)  $\mu_1 - \mu_2$
- (16)  $\sigma_{\bar{X}_1 - \bar{X}_2}$
- (17)  $z_{\bar{X}_1 - \bar{X}_2} = \frac{(\bar{X}_1 - \bar{X}_2) - (\mu_1 - \mu_2)}{\sigma_{\bar{X}_1 - \bar{X}_2}}$
- (18)  $t_{\bar{X}_1 - \bar{X}_2} = \frac{\bar{X}_1 - \bar{X}_2}{s_{\bar{X}_1 - \bar{X}_2}}$
- (19) number
- (20) variance
- (21) same population
- (22) 0
- (23)  $N_1 + N_2 - 2$
- (24) two-tailed
- (25) predictions
- (26) one-tailed
- (27) before
- (28) one-tailed
- (29) easier
- (30) normally
- (31) variances
- (32) large
- (33) little
- (34) robust
- (35) rejection
- (36) power
- (37) matched pairs
- (38) repeated measures
- (39) control
- (40) within-subjects
- (41) reducing
- (42) Counterbalancing
- (43) double-blind
- (44) differences

- (45) standard error
- (46) algebraic
- (47) pairs
- (48)  $N - 1$
- (49)  $t$  ratio
- (50) independent
- (51) dependent
- (52) positive
- (53) sign
- (54) difference
- (55) algebraically
- (56) reject