

Homework Assignments

1. Read Chapter 18 (pages 410 – 428)
2. Pages 428 – 429 (2, 4, 7, 9, 15, 20)
3. Simulated Coins IT: **GRADED**
4. Pages 429 – 431 (17, 23, 26, 31, 33, 37, 41)
5. Read Chapter 19 (pages 432-445)
6. Pages 446 – 449 (1, 3, 12, 13, 24, 26, 31): **GRADED**
7. Read Chapter 20 (pages 451 – 469)
8. Pages 469 – 471 (1, 2, 4, 8, 15): **GRADED**
9. Pages 470 – 472 (10, 17, 24, 26, 30)
10. Read Chapter 21 (pages 473 – 490)
11. Page 491 (1, 2, 5, 6)
12. Pages 491 – 494 (3, 4, 8, 20, 27): **GRADED**
13. Life After High School? IT: **GRADED**
14. Pages 491 – 493 (13, 14, 15, 16, 23)
15. Read Chapter 22 (pages 495 – 507)
16. Pages 507 – 511 (2, 4, 20, 24, 28): **GRADED**
17. Pages 508 – 511 (5, 11, 12, 23, 30)

Vocabulary

Alpha level	Pooling
Alternative hypothesis	Power
Assumptions	P-value
Conditions	Sampling distribution of the difference between two proportions
Confidence interval	Significance level
Critical value	Statistically significant
Critical value	Two-proportion z-interval
Effect size	Two-proportion z-test
Margin of error	Two-sided alternative
Null hypothesis	Type I error
One-proportion z-test	Type II error
One-proportion z-interval	Variations of independent random variables add
One-sided alternative	