

EOC Review- Unit 4: Statistics 2017

Book Assignments Practice

Standard	Summary	Practice Pg & #	Lesson Pg.
S-ID.1	Represent data with plots on the real number line (dot plots, histograms, and box plots).	Pg. 295 #1 Pg.307 #1	Pg.294-296
S-ID.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	Pg.290 #3, 4 Pg.293 #9, 14 Pg.299 #1-10	Pg.290 (Mean) Pg.292 (SD) Pg. 296-298
S-ID.3	Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).		Pg. 296-298
S-ID.6	Represent data on two quantitative variables on a scatter plot, and describe how the variables are related. Fit a function to the data; use functions fitted to data to solve problems in the context of the data. Use given functions or choose a function suggested by the context. Informally assess the fit of a function by plotting and analyzing residuals.	Pg.306 # 15-16 pg.308 #9,11, 12, 13 pg.314 #1-6 pg.319 #6,7	Pg.302-304 Pg.312-313 Pg.315-316
S-ID.7	Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.	pg.311 #12,15	Pg.309-311
S-ID.8	Compute (using technology) and interpret the correlation coefficient of a linear fit.	pg.328 #1-4	Pg.327-328
S-ID.9	Distinguish between correlation and causation.	pg.326 #1-5, 10-13 pg.333 #28-31	Pg.325-326