

Stats Lab

9-Jan	16-Jan	23-Jan	30-Jan	6-Feb	13-Feb	20-Feb
familiarize yourself with the lab website and the lab syllabus	load SPSS onto PC watch lab lecture 1 on an intro to SPSS, data entry basics, and using the SPSS calculator	watch lab lecture 2 on data entry complete digital well ass. 1 on data entry due Jan 23	watch lab lecture 3 on freq dist & skew complete digital well ass. 2 on Freq distributions due Jan 30	watch lab lecture 4 on ave & variability complete digital well ass 3 on ave & variability complete solo analysis for team assign 3 due Feb 6	watch lab lecture 5 on Z scores complete digital well ass 4 Z scores & outliers due Feb 13	watch lab lecture 6 on SEM and CI complete digital well ass 5 on SEM and CI complete solo analysis for team assign 4 due Feb 20
10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	14-Feb	21-Feb
Lab overview take the digital well anonymous survey team project choices	team meet & greet designate team leader for each team assign take anonymous team survey	complete team ass 1 on 1st 4 slides due Jan 26	complete team ass 2 on SPSS spreadsheet setup for team survey Due Feb 2	complete team ass 3 on data entry and mean of survey scales Due Feb 9	student choice	complete team ass. 4 on Z scores and outliers due Feb 23
5-Mar	12-Mar	19-Mar	26-Mar	2-Apr	9-Apr	
watch lab lecture 7 on t-tests complete digital well ass 6 on t-tests due March 5	watch lab lecture 8 on one-way ANOVA complete digital well ass 7 on one-way ANOVA complete solo analysis for team assign 5 due March 12	watch lab lecture 9 on two-way ANOVA complete digital well ass 8 on 2-way ANOVA complete solo analysis for team assign 6 due March 19	watch lab lecture 10 on chi-square tests complete digital well ass 9 on chi square tests due March 26	watch lab lecture 11 on corr. & regress complete digital well ass 10 on corr. & regress complete solo analysis for team assign 7 due April 2	practice for the SPSS test complete solo analysis for team assign 8 due April 9	
6-Mar	13-Mar	20-Mar	27-Mar	3-Apr	10-Apr	
student choice	complete team assign 5 t-tests due March 15	complete team assign 6 one-way ANOVA due March 22	student choice recommend 2-way mixed ANOVA review	complete team assign 7 chi square due April 5	complete team assign 8 correlation/regress due April 12	

Digital Well Assign 1	data entry	→	team Assign 1 team Assign 2 team Assign 3	first 4 slides of team pptx SPSS spreadsheet setup, import excel data, start our sample slide survey scale calculations, finish our sample slide
Digital Well Assign 2	Freq distributions, skew & kurtosis			
Digital Well Assign 3	averages & variability	→	team Assign 3	survey scale calculations, finish our sample slide
Digital Well Assign 4	Z scores & outliers	→	team Assign 4	Z scores and outliers
Digital Well Assign 5	confidence intervals			
Digital Well Assign 6	independent & dependent t-tests	→	team Assign 5	t-tests with excel graphs
Digital Well Assign 7	One-way ANOVAs	→	team Assign 6	one-way anova with excel graphs
Digital Well Assign 8	Two-way Mixed ANOVA			
Digital Well Assign 9	Chi square tests	→	team Assign 7	chi-square tests with tables
Digital Well Assign 10	Correlation & regression	→	team assign 8	correlation/regression with excel graphs

SOLO assignments cannot be turned in late!

**See the lab website for
VIDEO LECTURES OF THE LAB**

Lecture 1 Introducing SPSS

Lecture 2 Data Entry

Lecture 3 Freq Dist. Skew Kurtosis

Lecture 4 Averages & Variability

Lecture 5 Z scores & outliers

Lecture 6 Confidence Intervals

Lecture 7 t-tests

Lecture 8 One-way ANOVA

Lecture 9 Two-way ANOVA

Lecture 10 Chi Square Tests

Lecture 11 Correlation Regression