

Optional Textbook: Weir and Vincent (2021); Required ebook: Navarro and Foxcroft (2022)

Week ¹	Date ²	Reading ³	Assignments ⁴
Wk01 ⁵	Jan 26	Course Introduction (Online via Zoom)	Read and study the Syllabus ⁶
WK02 ⁷	Feb 2	Introduction to jamovi & Data Collection	Lab 1 ⁸
WK03 ⁹	Feb 9	Introduction to Statistics and Measurement	Quiz; Major Takeaways
WK04 ¹⁰	Feb 16	Organizing and Displaying Data Percentiles	Quizzes; Major Takeaways
WK05 ¹¹	Feb 23	Measures of Central Tendency Measures of Variability	Quizzes; Major Takeaways; Lab 2 ¹²
WK06 ¹³	Mar 2	Fundamentals of Inferential Statistical	Quiz; Major Takeaways
WK07 ¹⁴	Mar 9	Correlation and Bivariate Regression	Quiz; Major Takeaways
WK08 ¹⁵	Mar 16	Multiple Correlation and Multiple Regression	Quiz; Major Takeaways; Lab 3 ¹⁶
WK09	Mar 23	Spring Recess	Take a rest!
WK10	Mar 30	Exam 1 ¹⁷	Refer to Canvas
WK11 ¹⁸	Apr 6	The Student's <i>t</i> -test	Quiz; Major Takeaways
WK12 ¹⁹	Apr 13	One-way Analysis of Variance	Quiz; Major Takeaways; Lab 4
WK13 ²⁰	Apr 20	Analysis of Variance With Repeated Measures	Quiz; Major Takeaways

⁵ /weeks/week-1.qmd

⁶ course-syllabus.qmd

⁷ /weeks/week-2.qmd

⁸ /labs/lab-1.qmd

⁹ /weeks/week-3.qmd

¹⁰ /weeks/week-4.qmd

¹¹ /weeks/week-5.qmd

¹² labs/lab-2.qmd

¹³ /weeks/week-6.qmd

¹⁴ /weeks/week-7.qmd

¹⁵ /weeks/week-8.qmd

¹⁶ labs/lab-3.qmd

¹⁷ Covers all previously covered topics.

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¹⁹ /weeks/week-12.qmd

²⁰ /weeks/week-13.qmd

Week ¹	Date ²	Reading ³	Assignments ⁴
WK14 ²¹	Apr 27		Quiz; Major Takeaways
		Factorial Analysis of Variance: Between-Between	
WK15 ²²	May 4		Quiz; Major Takeaways; Lab 5
		Factorial Analysis of Variance: Between-Within, Within-Within	
WK16 ²³	May 11	Analysis of Nonparametric Data	Quiz; Major Takeaways
Final's Week	May 18 5:30PM - 7:30PM Redwood Hall 276	Exam 2 ²⁴	Refer to Canvas

Navarro, Danielle J, and David R Foxcroft. 2022. *Learning Statistics with Jamovi: A Tutorial for Psychology Students and Other Beginners (Version 0.75)*. Danielle J. Navarro and David R. Foxcroft. <https://doi.org/10.24384/HGC3-7P15>.

Weir, Joseph P., and William J. Vincent. 2021. *Statistics in Kinesiology*. Human Kinetics. <https://us.humankinetics.com/products/statistics-in-kinesiology-5th-edition-with-web-resource>.

²¹[/weeks/week-14.qmd](#)

²²[/weeks/week-15.qmd](#)

²³[/weeks/week-16.qmd](#)

²⁴Covers mainly topics presented after Exam 1.

¹The schedule is subject to change.

²Class Dates: Aug 29, 2022 - Dec 12, 2022

³Students are expected to read and study the assigned chapters prior to attending each class meeting.

⁴Quizzes and Major Takeaways assignments are due **before** class; other assignment are due after class.