

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

Week <sup>1</sup>	Date <sup>2</sup>	Reading <sup>3</sup>	Assignments <sup>4</sup>
Wk01 <sup>5</sup>	Jan 26	Course Introduction (Online via Zoom)	Read and study the Syllabus <sup>6</sup>
WK02 <sup>7</sup>	Feb 2	Introduction to jamovi & Data Collection	Lab 1 <sup>8</sup>
WK03 <sup>9</sup>	Feb 9	Introduction to Statistics and Measurement	Quiz; Major Takeaways
WK04 <sup>10</sup>	Feb 16	Organizing and Displaying Data Percentiles	Quizzes; Major Takeaways
WK05 <sup>11</sup>	Feb 23	Measures of Central Tendency Measures of Variability	Quizzes; Major Takeaways; Lab 2 <sup>12</sup>
WK06 <sup>13</sup>	Mar 2	Fundamentals of Inferential Statistical	Quiz; Major Takeaways
WK07 <sup>14</sup>	Mar 9	Correlation and Bivariate Regression	Quiz; Major Takeaways
WK08 <sup>15</sup>	Mar 16	Multiple Correlation and Multiple Regression	Quiz; Major Takeaways; Lab 3
WK09	Mar 23	Spring Recess	Take a rest!
WK10	Mar 30	Exam 1 <sup>16</sup>	Refer to Canvas
WK11 <sup>17</sup>	Apr 6	The Student's <i>t</i> -test	Quiz; Major Takeaways
WK12 <sup>18</sup>	Apr 13	One-way Analysis of Variance	Quiz; Major Takeaways; Lab 4
WK13 <sup>19</sup>	Apr 20	Analysis of Variance With Repeated Measures	Quiz; Major Takeaways
WK14 <sup>20</sup>	Apr 27	Factorial Analysis of Variance: Between-Between	Quiz; Major Takeaways

<sup>5</sup> /weeks/week-1.qmd

<sup>6</sup> course-syllabus.qmd

<sup>7</sup> /weeks/week-2.qmd

<sup>8</sup> /labs/lab-1.qmd

<sup>9</sup> /weeks/week-3.qmd

<sup>10</sup> /weeks/week-4.qmd

<sup>11</sup> /weeks/week-5.qmd

<sup>12</sup> labs/lab-2.qmd

<sup>13</sup> /weeks/week-6.qmd

<sup>14</sup> /weeks/week-7.qmd

<sup>15</sup> /weeks/week-8.qmd

<sup>16</sup> Covers all previously covered topics.

<sup>17</sup> /weeks/week-11.qmd

<sup>18</sup> /weeks/week-12.qmd

<sup>19</sup> /weeks/week-13.qmd

<sup>20</sup> /weeks/week-14.qmd

Week <sup>1</sup>	Date <sup>2</sup>	Reading <sup>3</sup>	Assignments <sup>4</sup>
WK15 <sup>21</sup>	May 4	Factorial Analysis of Variance: Between-Within, Within-Within	Quiz; Major Takeaways; Lab 5
WK16 <sup>22</sup>	May 11	Analysis of Nonparametric Data	Quiz; Major Takeaways
Final's Week	May 18 5:30PM - 7:30PM Redwood Hall 276	Exam 2 <sup>23</sup>	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; 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>.

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<sup>21</sup>[/weeks/week-15.qmd](#)

<sup>22</sup>[/weeks/week-16.qmd](#)

<sup>23</sup>Covers mainly topics presented after Exam 1.

<sup>1</sup>The schedule is subject to change.

<sup>2</sup>Class Dates: Aug 29, 2022 - Dec 12, 2022

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

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