

**Errata for *Linear Model Theory: With Examples and Exercises*  
by Dale L. Zimmerman**

- Page 378, 3rd line: Add “with  $k$  groups and  $\nu$  degrees of freedom” after “*studentized range distribution*”
- Page 393, Definition 15.2.1: Replace the first and third instances of  $\mathbf{C}$  with  $\mathbf{C}^T$ , and replace the first instance of  $\mathbf{c}_0$  with  $\mathbf{c}_0^T$ . Also, replace “ $s$ -vector” with “ $s$ -dimensional row vector”
- Page 393, 8th line after the end of Definition 15.2.1: Replace  $\mathbf{C}$  with  $\mathbf{C}^T$
- Page 400, heading of Example 15.2-2: Replace “Nonzero” with “Unequal”
- Page 404, heading of Example 15.2-3: Replace the second instance of “Nonzero” with “Unequal”
- Page 407, first sentence: This sentence is out of place; it should appear lower on the page, immediately prior to the sentence that begins with “By this last result, . . .”
- Page 415: 6th line: Replace “intervals” with “functions”
- Page 416: 14th line: After the period, add “We consider only cases for which  $\text{var}(\hat{\psi}_i) = c^2\sigma^2\mathbf{I}$ ,  $i = 1, \dots, k$ , for some positive real number  $c$ .”
- Page 466: 7th line: Replace the expression for  $U_2$  with  $n_2S_2^2/\alpha_2^2$

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- Page 11, solution to Exercise 3.5: In the next to last line, replace  $k \neq 1$  with  $k \neq -1$ .
- Page 98, solution to Exercise 8.5d: The entry in the Residual row and Rank column of the ANOVA table should be  $(q - 1)^2 - 1$

NOTE: These lists are effective as of 2/10/2021.