

Exercises on wheat diversity

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For this exercise you will use the table *sample* that we generated during the tutorial (the one with 100 lines).

1. Suppose that you are interested in exploring hererosis in wheat, and you want to pick the two more distant lines to make a cross. Chose those two lines by euclidean distance. Hint: use the script in <https://stackoverflow.com/questions/17606906/find-row-and-column-index-of-maximum-value-in-a-matrix>, and use *as.matrix*.
2. Colorize those two lines in a multidimensional scale (PCoA) plot. The use of *ggplot2* will facilitate the drawing.