10.5 Review Questions

10.5.R1

1/1 point (graded)

In the heat map for breast cancer data, which of the following depended on the output of hierarchical clustering?

- ☑ The ordering of the rows
- ☑ The ordering of the columns
- ☐ The coloring of the cells as red or green

✔

Explanation

The dendrograms obtained from hierarchical clustering were used to order the rows and columns. The coloring of the cells was based on gene expression, but without the hierarchical clustering step, the heat map would not have looked like anything meaningful.

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ⓘ   Answers are displayed within the problem