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2.4.R1

1/1 point (graded)

Look at the graph given on page 30 of the Chapter 2 lecture slides. Which of the following is most likely true of what would happen to the Test Error curve as we move $1/K$ further above 1?

- ☐ The Test Errors will increase
- ☐ The Test Errors will decrease
- ☐ Not enough information is given to decide
- ☒ It does not make sense to have $1/K > 1$ ✓

Explanation

Since K is the number of neighbors, the value of K must be a Natural Number. This means that $1/K \leq 1$.

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📘 Answers are displayed within the problem

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