Quiz 8 - Regrade Submission 1

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4. A Shepard plot shows the value of stress as a function of the number of dimensions allowed in the MDS solution.

Original answer: True
Explanation: This is false because that describes a stress plot. A shepard plot captures the relationship between observed dissimilarity and distance. When the optimal number of dimensions is found, there will be no more reductions in dispersion around this relationship.

9. If we have found the correct number of dimensions, Shepard plot will like a horizontal line.

Original answer: True
Explanation: This is false because in a Shepard plot we are looking for a monotonically increasing (positive slope) line with as little dispersion as possible .