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| **LG #** | **609** | **Standards:** | **6.SP.2.4, 6.SP.2.5** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.**  **The student will be able to:**   * Given at least two sets of data, without the use of a calculator, decide which set has more variability using absolute mean deviation   **No major errors or omissions regarding the score 4.0 content.** | | |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. | | |
| **3.0** | **Students will be able to summarize and describe statistical distributions.**  **The student will be able to:**   * [Create a box plot from a given set of data. (6.SP.2.4)](http://www.cpalms.org/Public/PreviewResource/Preview/66779) * Justify the best graphic representation (box plot, histogram, dot plot) of data given specific contexts. (6.SP.2.5b) * [Calculate measures of variability (interquartile range, and mean absolute deviation). (6.SP.2.5c)](http://www.cpalms.org/Public/PreviewResource/Preview/67207) * [Describe overall patterns and deviation from the pattern in the data. (6.SP.2.5c)](http://www.cpalms.org/Public/PreviewResource/Preview/66234) * [Identify and justify which measure of center best describes the data. (6.SP.2.5c)](http://www.cpalms.org/Public/PreviewResource/Preview/66235) * [Describe which measure of variability would best describe the shape of the data distribution. (6.SP.2.5d)](http://www.cpalms.org/Public/PreviewResource/Preview/66235)   **No major errors or omissions regarding the score 3.0 content (simple or complex).** | | |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. | | |
| **2.0** | **The student recognizes and describes specific terminology such as:**   |  |  |  | | --- | --- | --- | | * Box Plots * Dot Plots * Histograms * Interquartile Range | * Mean * Mean Absolute Deviation * Measures of Center * Measures of Variation | * Number of Observations * Median * Mode * Outlier * Range |   **The student will be able to:**   * Create a box plot given the five number summary. (6.SP.2.4) * Display numerical data and plots on a number line, including [dot plots](http://www.cpalms.org/Public/PreviewResource/Preview/66780) and [histograms](http://www.cpalms.org/Public/PreviewResource/Preview/66201). (6.SP.2.4) * Choose the appropriate measurement given various contexts. (6.SP.2.5b) | | |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. | | |
| **1.0** | With partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.5** | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.0** | Even with help, no understanding or skill is demonstrated | | |