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| --- | --- | --- | --- | --- |
| **Exploded Conclusion** | 4 | 3 | 2 | 1 |
| **Purpose** | Research question is restated. Explicit reference to variables in hypothesis. | Research question is restated. No explicit reference to variables in hypothesis. | No restatement of research question. No explicit reference to variables in hypothesis. |  |
| **Hypothesis** | Hypothesis is restated. Support/Not supported statement is made. Appraisal of hypothesis is correct. | Hypothesis is not restated **or** support/Not supported statement is not made. Appraisal of hypothesis is correct. | Hypothesis is not restated **or** support/Not supported statement is made. Appraisal of hypothesis is incorrect. | Hypothesis is not restated. There is no Support/Not supported statement made. Appraisal of hypothesis is incorrect. |
| **Major** **Findings** | Complete analysis of trends in data. Range of data points is included and relationship between IV and DV is included. | Complete analysis of trends in data: range of data points is **not** included. Relationship between IV and DV **is included.** | Incomplete analysis of trends in data. Range of data points is not included **and** relationship between IV and DV is not included. | Little to no mention of major findings. |
| **Explanation** | Elaborate description of observed phenomenon. Trends in data are referenced. | Satisfactory description of observed phenomenon. Trends in data mentioned | Incomplete description of phenomenon-little to no mention of data in description. |  |
| **Recommendations** | Potential ‘sources of error’ are mentioned (This term must be used.). Rec’s are specific to experiment.  Possible experiments are suggested. | Problems with methods are referenced. ‘Source of error’ not explicitly used. Rec’s are specific to experiment.  Possible experiments are suggested. | Problems with methods are referenced. ‘Source of error’ not explicitly used. Rec’s are **not** specific to experiment.  Possible experiments are suggested. | Problems with methods are **not** referenced. ‘Source of error’ not explicitly used. Rec’s are specific to experiment.  Possible experiments are suggested. |