Inference -

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| --- | --- | --- | --- |
| **Characteristic** | **Traditional Method** | **Class Diagram Generator Method** | **Inferences** |
| Accuracy - Classes | 60.92 | 90 | The tool shows higher accuracy in identifying classes. |
| Accuracy - Attributes | 55.42 | 88.3 | The tool shows higher accuracy in identifying attributes classes. |
| Accuracy - Methods | 38.36 | 100 | The tool shows higher accuracy in identifying methods of classes. |
| Accuracy - Relationships | null | null |  |
| Sensitivity - Classes | 68 | 90 |  |
| Sensitivity - Attributes | 44 | 94.32 |  |
| Sensitivity - Methods | 45.33 | 100 |  |
| Sensitivity - Relationships | null | null |  |
| Overall Diagram Generation Time |  |  |  |

Inf -

An observation made during the test was that test-subjects had subjective and priority based views on which diagram components to use in the class diagram resulting in variation from proper objective output.

It is to be noted that the readings weren’t taken in ideal circumstances to obtain fully reliable readings.