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| Hypothesis 1: | The calculation of the ratio is not counting the winning and losing games. |
| Test: | Test the counters with breakpoints in lines 58.63 and 73 of Main class. Number of games will be reduced for better observation. |
| Prediction: | The counters are counting winning and losing games properly. |
| Result: | The counters are counting the games OK. Hypothesis valid.    As we can see, the game play 10 games, with 7 winning games and 3 losing games. |

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| Hypothesis 2: | The formula to calculate the ratio is correct. |
| Test: | Test the calculation of the ratio using the program formula. |
| Prediction: | The formula is well structured according to the probability winning formula Win games / (win + lose games) |
| Result: | Hypothesis valid. The formula is receiving and calculating OK.    401/(401+607) = 0.40 |

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| Hypothesis 3: | T001 and T001\_run1 resolutions fix the bug reported in T004. |
| Test: | Apply fix the bug resolution from T001 and T001\_run1 will fix the bug reported in T004 |
| Prediction: | The rate will be 0.42 |
| Result: | Hypothesis valid. After apply the T001 and T001\_run1 bug fix, the T004 reported bug is fix. |