|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Actual | |
|  |  | Fighter A Wins (0) | Fighter B Wins (1) |
| Predicted | Fighter A Wins (0) | 144 | 56 |
| Fighter B Wins (1) | 63 | 137 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0.500** | 144 | 137 | 63 | 56 | 70.3 | 72.0 | 68.5 | 30.4 | 29.0 |

Using .5 accuracy because the negative impact of falsely predicting is equal. These are boxing matches, If this were cancer and not cancer and if treatment will have negative side effects then we would want to consider higher than .5