Chess Database

# 1. Introduction

This document is a summary of the chess database.

## 2 Games

The database contains 2600 games. The following sections describe the games in more detail.

# 2.1 Results

During the games, the following results were achieved:

## 2.1.1 Result table

The following table shows the results of games.

|  |  |  |  |
| --- | --- | --- | --- |
|  | White wins | Draws | Black wins |
| Total | 704 | 1600 | 296 |
| Percentage | 27.08% | 61.54% | 11.38% |

## 2.1.2 Result table for Stockfish

The following table shows the results of games where Stockfish either won or lost, depending on Stockfish color.

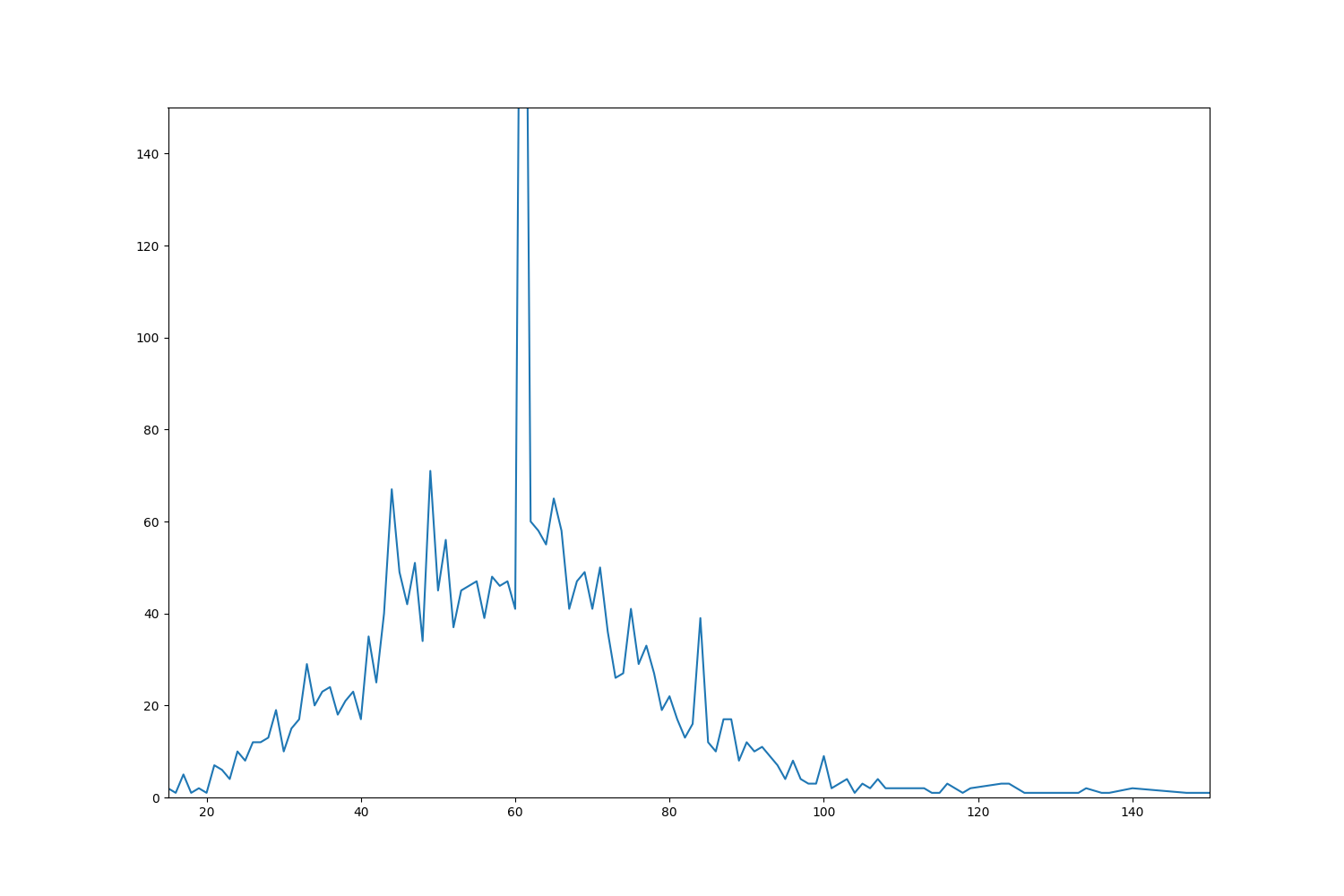
def create\_document\_result\_table\_with\_stockfish(self, list\_of\_games, list\_of\_drawed\_games):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Wins | Draws | Losses | Winning Percentage |
| Starts as white | 698 | 601 | 2 | 53.65% |
| Starts as black | 294 | 999 | 6 | 22.63% |
| Total | 992 | 1600 | 8 | 38.15% |

## 2.3 Plycount distribution

The following graph shows the distribution of plycount in the database.

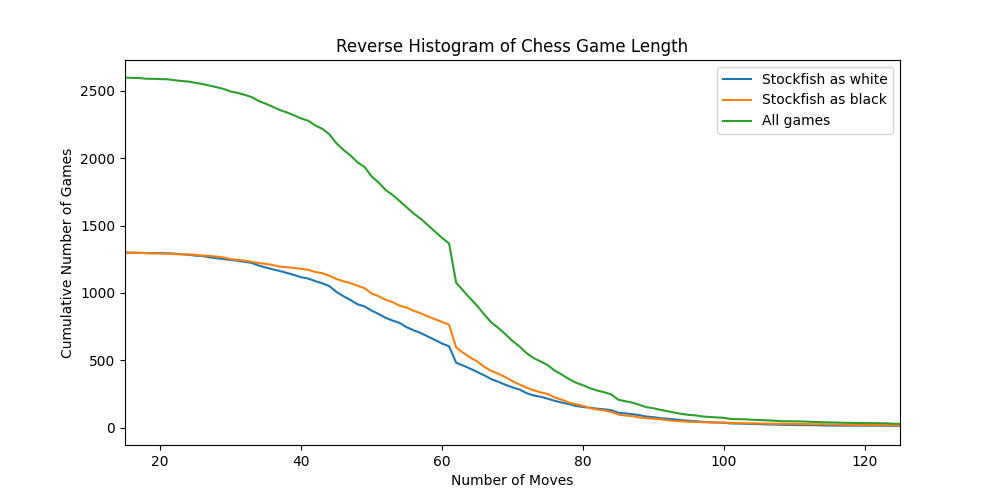
The x-axis shows the plycount, and the y-axis shows the number of games with that plycount.



## 2.4 Moves distribution

The following graph shows the distribution of moves in the database.

The x-axis shows the number of moves, and the y-axis shows the number of games with that number of moves.



## 2.4.1 Moves table

The following table shows the mean and standard deviation of the number of moves in the database.

|  |  |  |
| --- | --- | --- |
|  | Mean | Standard Deviation |
| Number of moves | 60.33 | 19.58 |

# 3. Conclusion

This document is a summary of the chess database.