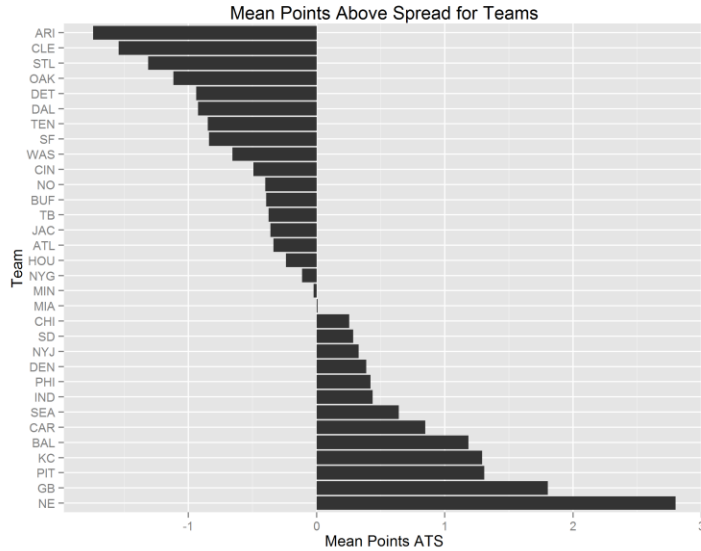


Analysis of Historical NFL Team Performance Against Spread Betting Line



$$H_0 : x = x_0$$

(A team's performance did not differ significantly from the spread betting line.)

$$H_1 : x \neq x_0$$

(A team's performance differed significantly from the spread betting line.)

Results:

Underperform: Arizona Cardinals, Cleveland Browns
 Outperform: Green Bay Packers, New England Patriots

$$H_0 : p = 0.5$$

(A team beat the spread 50% of the time.)

$$H_1 : p \neq 0.5$$

(A team beat the spread at a proportion different from 50% of the time.)

Results:

The data do not support that any team beats the spread at a proportion different from 50% of the time.

The data do not reject that all teams beat the spread 50% of the time.

