1 $RAPM_{team} : Predictor\ of\ Win\%$

Team RAPM is calculated as:

$$\text{RAPM}_{\text{team}} = \frac{\sum_{i \in team} \text{RAPM}_i \times \text{Minutes}_i}{\sum_{i \in team} \text{Minutes}_i} \tag{1}$$

Based on NBA regular season data from 2015 to 2023, comprising 270 team-season observations, we get:

$$\widehat{\text{Win}\%} = 0.5120 + 0.1287 \times \text{RAPM}, R^2 = 0.8170 \tag{2}$$
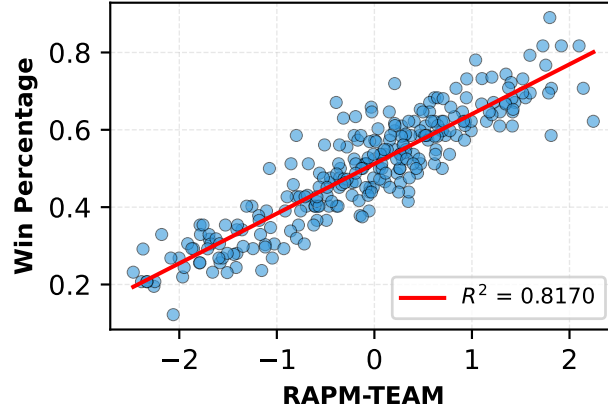

Figure 1: strong linear relationship between team RAPM and win percentage.