

1106-H5-1542      **Jeremias Engelmann\*** ([jeremias.engelmann@gmail.com](mailto:jeremias.engelmann@gmail.com)), Seckenheimer Gaesschen 6, 69126 Heidelberg, BW, Germany. *Estimating a players' influence on his teammates' BoxScore statistics using a modified Adjusted Plus Minus framework.*

Since RAPM (Regularized Adjustment Plus Minus) was introduced by Joe Sill at the SSAC 2011 it has been a useful tool to estimate a player's impact on his and the opponent teams' points per possession, effective FG% (eFG%), rebounding, turnovers and Free Throw rate. What RAPM can't tell us is whether a player raises (or hurts) his team's e.g. eFG% by his own shooting, or by making teammates shoot better (or worse). Through changes in the regression design matrix, and to the way the estimates are computed, I introduce a method to estimate a player's impact on his teammates' BoxScore statistics. This allows us to answer whether a player is "stealing rebounds" away from his teammates, whether (and how much) star players make it easier for their teammates to hit their shots, and to better estimate a player's BoxScore statistics when he switches teams (Received September 14, 2014)