

#### Analysis from 4 Factors Correlation:

Note: 2 versions of Free throw rate are found (FTA/FGA and FTM/FGA). These are denoted as FTR and FTpFGA, respectively. FTpFGA was calculated by multiplying FTR by FTP.

\*\*Uncertainty is 95% confidence

1. Effective Field Goal Percentage is highly correlated with Offensive Efficiency (.880) and has a small uncertainty ( $\pm .074$ )
2. Free Throws are relatively correlated with OE, with FTR and FTpFGA having .508 and .536 correlations, respectively. The uncertainty is fairly large, however,  $\sim .290$
3. TOR, ORR and FTP show little to no correlation (.040, -.030, .133 respectively). Very high uncertainty.
4. eFG shows a positive correlation with Free throw rate (.319 for FTpFGA) and a negative correlation with Offensive Rebound rate (-.391). Both have uncertainties around .30.

#### Conclusions:

eFG% is clearly the most important factor, as predicted by Dean Oliver. However, is 40% too low?

Oliver's statistics, FTpFGA is much more highly correlated with Free throw frequency with free throw percentage, which could show that it is more important to get to the line than have a high FTP.