

# NBA PER GAME PERFORMANCE

We use a method known as Chernoff faces to represent player statistics during the 2008-2009 season. The faces are not meant to represent the faces of the actual players. Rather we adjust facial features based on the data for each. Players are sorted by most points per game.

Height of face ~ Games played  
Width of face ~ Minutes per game  
Shape of face ~ Points per game  
Height of mouth ~ Field goals made  
Width of mouth ~ Field goal attempts

Curve of smile ~ Field goal percentage  
Height of eyes ~ Free throws made  
Width of eyes ~ Free throw attempts  
Height of hair ~ Free throw percentage  
Width of hair ~ Three-pointers made

Styling of hair ~ Three point attempts  
Height of nose ~ Offensive rebounds  
Width of nose ~ Defensive rebounds  
Width of ears ~ Total rebounds  
Height of ears ~ Assists



Source: databaseBasketball

FIGURE 7-12 Chernoff Faces for top NBA scorers during the 2008-2009 season