Roland Minton* (minton@roanoke.edu). *Hot Hands on the PGA Tour.* Preliminary report.

The PGA Tour’s ShotLink system records detailed information about every shot taken on the Tour. This new wealth of data allows an investigation into the issue of whether golfers get "hot" or "cold" and have streaks of good or bad play. This talk gives preliminary results from tests of streakiness in putting. A variety of golfers are analyzed in a variety of ways over different time scales. A primary metric of putting efficiency is the Strokes Gained statistics that compares the putting results of a given golfer to the Tour’s average performance from the distances faced by that golfer. (Received September 22, 2011)