



U.S. National Development Program

Session 1: Strokes Gained Putting



2023 Ryder Cup
strategy maker for
Team Europe

"If You're Not Tracking Data On Your Own Game, You Are Losing An Edge"...

**Arccos Stats Guru Edoardo Molinari Reveals Why
Amateurs MUST Analyse Their Performance On The Golf
Course**



Strokes Gained Putting

The 21st Century Way to Measure Putting Performance



Why do we need to measure putting performance?

- We need to know if your putting is good, medium, or needs to improve.
- We need to know if your putting is getting better or worse.
- We need to find out if a particular putter or method performs better than another.
- Because we can't figure it out on our own without measuring. We think we know, but we don't!
- Knowing exactly how you putted gets you closer to understanding the TRUE story of your entire round. Putting + everything else = my score today



How have elite golfers measured putting performance in the past?

- Counting putts
- Putts per green in regulation
- Footage of putts made in a round
- They just had a feel for how things went



How do pros and others measure putting today?

Strokes Gained Putting (SGP)

- Invented by Professor Mark Broadie
- Became an official statistic on the PGA Tour in 2011
- Completely revolutionized the way golfers measure performance
- Think of it as $\text{Strokes Gained Putting} / \text{Strokes Lost Putting}$





What exactly is SGP?

- The PGA Tour has been keeping tons of data during rounds of golf since the early 2000's
- The PGA Tour data has identified the scoring average for every length putt on the putting green. For example, 8 feet has a scoring average of 1.5, 15 feet has a 1.79 scoring average, and 45 feet has a scoring average of 2.09.
- The PGA Tour scoring average for every length putt is used to calculate SGP



What information do we need to collect during a round to calculate SGP?

- **Length of first putt and total putts taken on each green.**
THAT's IT!

Let's calculate SGP for a round of golf...

1. 18 ft / 2 putts
2. 9 ft / 1 putt
3. 33 ft / 2 putts
4. 1 ft / 1 putt
5. 6 ft / 2 putts
6. 55 ft / 2 putts
7. 12 ft / 2 putts
8. 5 ft / 1 putt
9. 20 ft / 2 putts



Why should golfers measure themselves against the PGA Tour?



- The PGA Tour has the largest database in the world.
- The LPGA has only recently kept this data and it's not as reliable nor are the averages published for all footage lengths.
- No physical limitations; everyone can do it.
- **IT IS THE HIGHEST HUMAN STANDARD WE KNOW OF.**
- Measuring against a standard in this way is similar to how we compare against par for a round.

SGP describes a round performance, a tournament performance, or as an average per round for the year



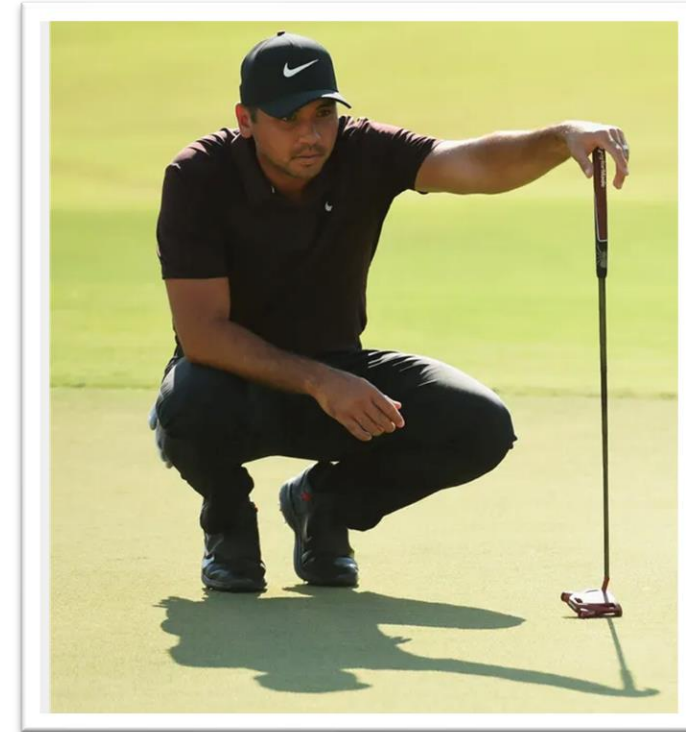
Trivia Time

- What is the best SGP for a round of golf in PGA Tour history?
+8.36 by JJ Henry
- What is the best SGP for a tournament in PGA Tour history?
+14.26 by Kevin Na
- What is the best year-long per round average in PGA Tour history?
+1.13 by Jason Day
- What is the worst year-long per round average in PGA Tour history?
-1.475 by Lucas Glover

Other interesting information from the PGA Tour and SGP:

- Jason Day is the only player ever to gain an average of 1.0 or more strokes a round for a season on the Tour.
- Only 13 players have ever lost 1.0 or more strokes per round on average for an entire season.
- Around 90% of the players will end the season between +.5 and -.5. So.....THIS IS THE STANDARD WE ARE STRIVING FOR!!

-.5 to +.5 !!!!!



College Golf and Junior Golf SGP Standards

- Rare for a DI college team to have a person gaining strokes for a season.
- Men's teams putt better than women's teams.
- Division I male college golfer losing less than .75 strokes a round is better than average.
- Division I female college golfer losing less than 1.5 strokes a round is better than average.
- Top 200 ranked high school golfer in your class losing less than 1.5 strokes a round is better than average.



Last Word: Our Goals

Let's strive to get our SGP better than -1.0 per round!

Then, let's strive to get our SGP better than -.5 per round!

Next:

- Going to email you the SGP round calculator.
- Going to email you this Power Point presentation.

