

Atelier: Mathematics in English

Part 4: A player's performance during a season

You now have a method to evaluate a player's performance.

How could you use this to evaluate a team's performance ?

2013 NBA Finals : The Miami Heat won the championship .

Miami Heat :					San Antonio Spurs :				
Player	Points	FG%	Rebounds	Assists	Player	Points	FG%	Rebounds	Assists
LeBron James	25.3	.447	10.9	7.0	Tim Duncan	18.9	.490	12.1	1.4
Dwyane Wade	19.6	.476	4.0	4.6	Tony Parker	15.7	.412	1.9	6.4
Chris Bosh	11.9	.462	8.9	2.1	Kawhi Leonard	14.6	.513	11.1	0.9
Ray Allen	10.6	.543	2.3	1.6	Danny Green	14.0	.444	4.1	0.7
Mario Chalmers	10.6	.388	2.7	2.1	Manu Ginobili	11.6	.433	2.1	4.3
Shane Battier	5.6	.444	1.6	0.9	Gary Neal	9.4	.414	2.4	0.9
Mike Miller	5.3	.591	2.7	0.9	Tiago Splitter	4.9	.448	2.0	0.4
Chris Andersen	4.4	.727	3.0	0.0	Boris Diaw	4.0	.500	2.5	1.7
Norris Cole	3.0	.273	1.0	2.4	DeJuan Blair	3.7	.455	2.7	0.3
Udonis Haslem	1.5	.444	2.8	0.0	Matt Bonner	1.8	.400	1.2	0.2
James Jones	2.0	.400	0.3	0.0	Cory Joseph	1.8	.444	1.0	1.0
Rashard Lewis	1.3	.333	0.7	0.7	Patrick Mills	2.0	.400	0.5	0.0
Joel Anthony	0.5	.500	1.8	0.0	Nando De Colo	0.0		0.5	0.5
Team Totals	97.0	.459	39.7	21.1	Tracy McGrady	0.0	.000	2.0	2.5
					Team Totals	97.7	.451	41.9	18.4

2014 NBA Finals : The San Antonion Spurs won the championship .

Miami Heat :					San Antonio Spurs :				
Player	Points	FG%	Rebounds	Assists	Player	Points	FG%	Rebounds	Assists
LeBron James	28.2	.571	7.8	4.0	Tony Parker	18.0	.479	0.4	4.6
Dwyane Wade	15.2	.438	3.8	2.6	Kawhi Leonard	17.8	.612	6.4	2.0
Chris Bosh	14.0	.549	5.2	1.0	Tim Duncan	15.4	.569	10.0	2.0
Ray Allen	9.8	.415	3.0	1.8	Manu Ginobili	14.4	.500	3.0	4.4
Rashard Lewis	8.6	.500	1.6	0.4	Patrick Mills	10.2	.543	1.4	1.6
Mario Chalmers	4.4	.333	1.4	2.8	Danny Green	9.2	.531	2.0	1.2
Norris Cole	3.2	.316	1.2	1.8	Boris Diaw	6.2	.364	8.6	5.8
Chris Andersen	2.6	.250	5.6	0.0	Tiago Splitter	6.2	.706	3.4	2.0
James Jones	2.8	.571	0.5	0.0	Marco Belinelli	4.6	.471	1.2	0.6
Michael Beasley	9.0	.571	3.0	1.0	Aron Baynes	2.0	1.000	0.7	0.0
Toney Douglas	1.3	.250	1.0	0.7	Jeff Ayres	1.7	1.000	0.7	0.3
Udonis Haslem	1.0	.400	1.0	0.0	Matt Bonner	1.3	1.000	0.8	1.3
Shane Battier	0.0	.000	0.3	0.3	Cory Joseph	0.7	.333	0.0	0.0
Greg Oden	0.0		0.0	0.0	Team Totals	105.6	.528	37.8	25.4
Team Totals	91.6	.472	32.2	15.2					

Analyse these datas to explain why the Miami Heat won in 2013 and why the San Antonio Spurs won in 2014.