

NCAA Basketball Division I - Stats on Offense filter by Season and Team

Average points scored (per 100 possessions)

108,15

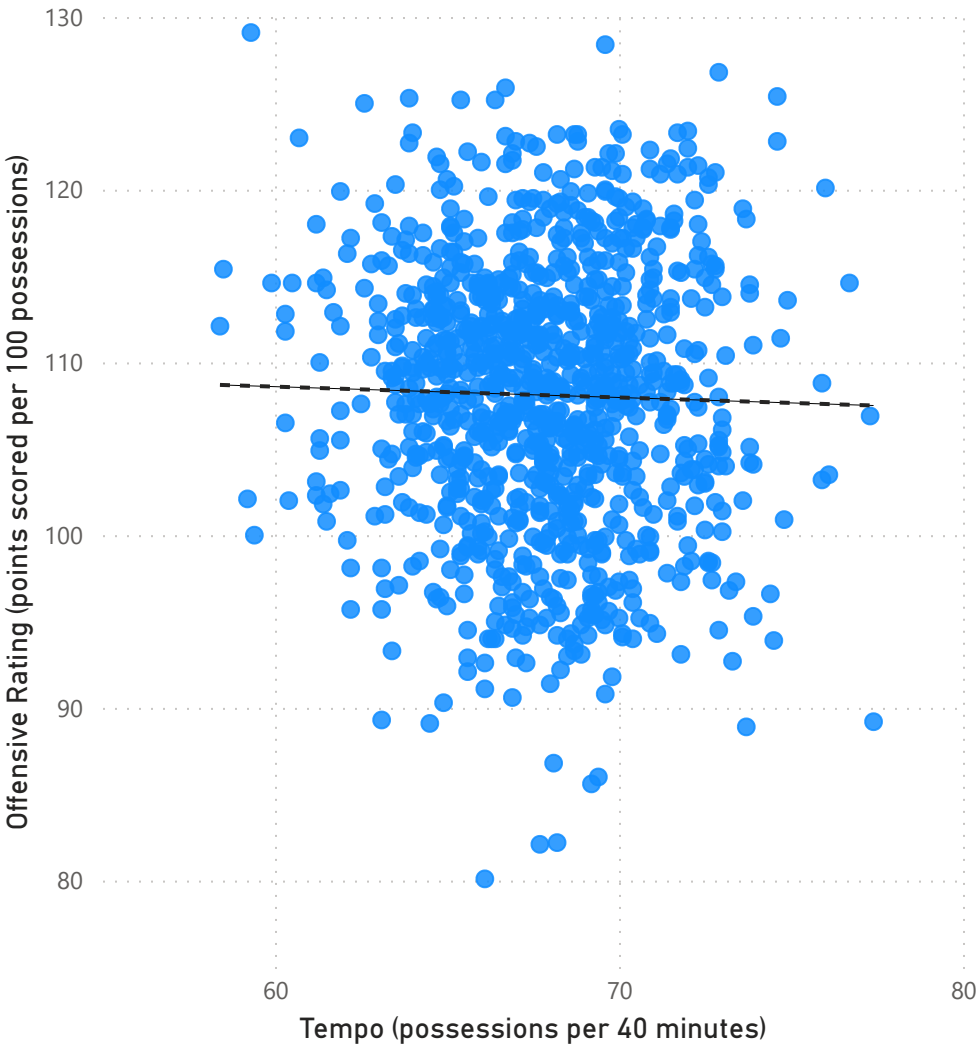
Effective field goal (%)

51,23

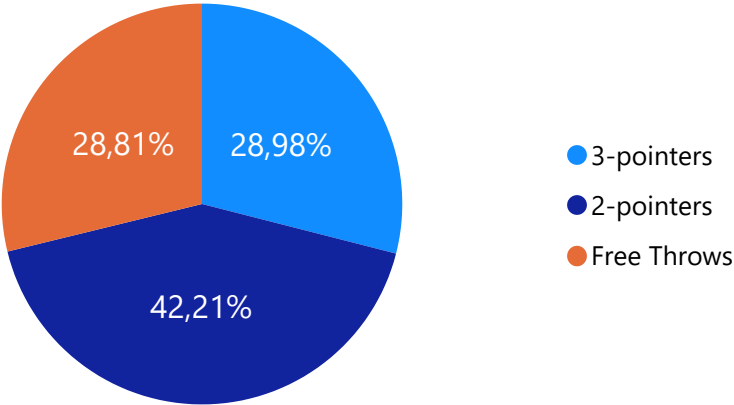
Season

Team

Are slower or faster teams more efficient scorers?



How does teams score their points?



The correlation between tempo and scoring efficiency

-0,10



Defensive stats throughout and across the years

Average points allowed (per 100 possessions)

Average rebounds allowed

Average turnovers generated

98,50

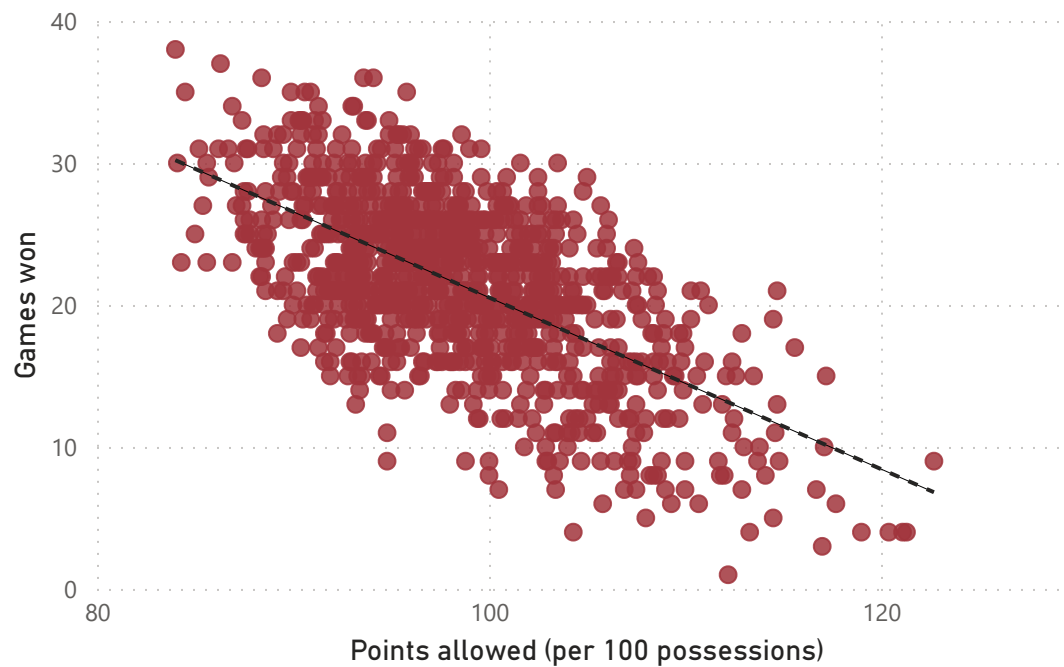
28,29

18,96

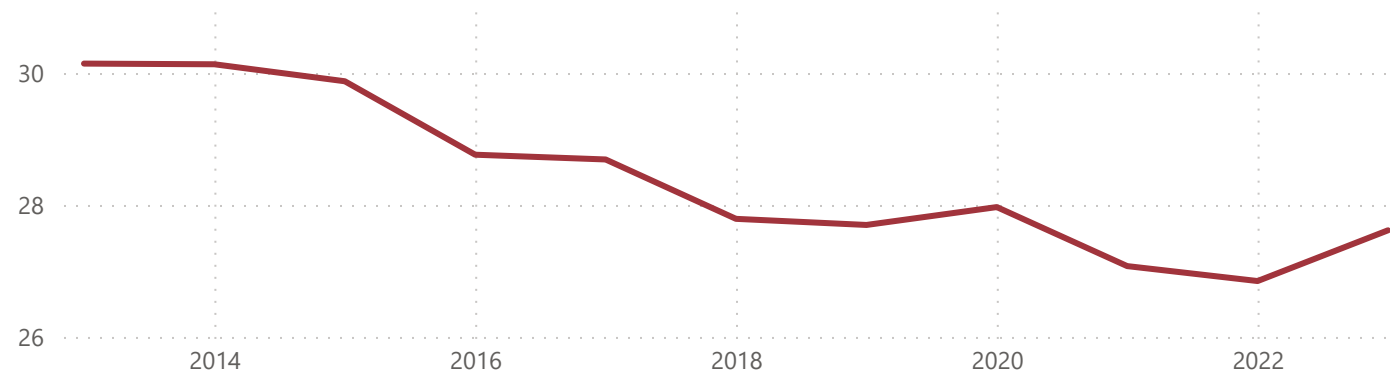
-0,71

This correlation suggests that

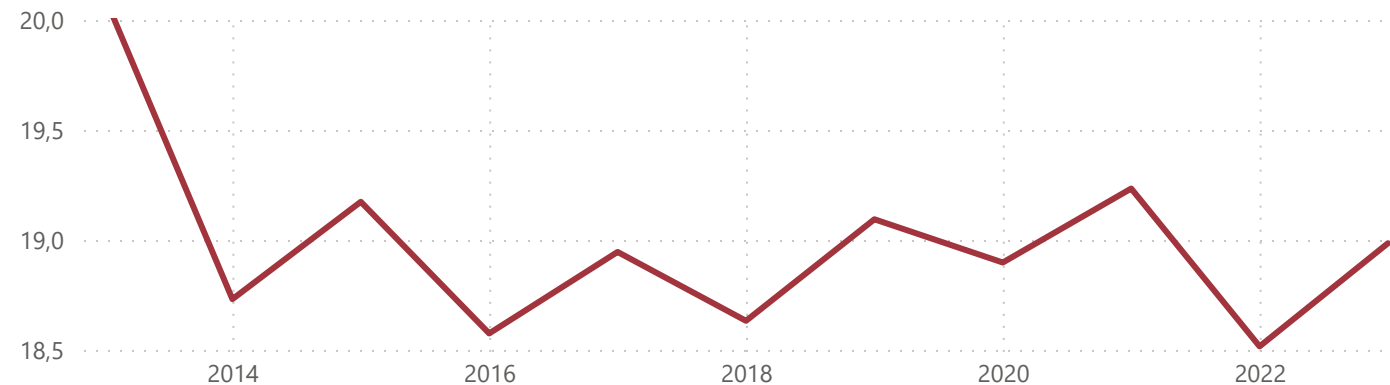
Allowing more points leads to less games won. Makes perfect sense!



Slowly decreasing average of rebounds allowed



Average turnovers generated fluctuate by 0.5 per year





So what about the champions?

8

Different teams have won NCAA Basketball tournament

Champion stats throughout the years on average

Season	Team	Seed in championship season	Point Differential	Effective Field Goal (%)	Turnovers allowed	Turnovers comitted	Tempo	Offensive Rebounds	Offensive Rebounds allowed
2013	Louisville	1	31,40	50,60	18,30	27,00	67,10	38,20	33,30
2014	Connecticut	7	21,20	51,50	17,30	19,60	64,80	30,40	32,80
2015	Duke	1	34,60	56,60	16,30	18,60	66,40	35,80	30,20
2016	Villanova	2	32,20	56,10	16,30	20,60	66,70	28,20	29,40
2017	North Carolina	1	29,50	51,70	16,20	18,60	72,80	41,30	25,00
2018	Villanova	1	34,30	59,50	15,00	18,20	69,60	29,60	27,10
2019	Virginia	1	33,10	55,20	14,70	17,50	60,70	30,40	25,40
2021	Baylor	1	28,70	57,50	17,60	24,60	68,80	37,50	30,90
2022	Kansas	1	28,50	53,80	17,30	18,10	69,10	32,90	28,60
2023	Connecticut	4	30,30	53,90	18,90	18,50	66,70	38,50	26,10
Average Totals			30,38	54,64	16,79	20,13	67,27	34,28	28,88

Compared to all games/seasons on average

Season	Point Differential	Effective Field Goal (%)	Turnovers allowed	Turnovers comitted	Tempo	Offensive Rebounds	Offensive Rebounds
2013	15,11	50,90	18,71	20,11	66,07	33,46	
2014	14,71	51,46	17,12	18,73	66,51	33,01	
2015	15,07	51,40	17,82	19,17	64,95	32,74	
2016	14,25	51,85	17,03	18,58	68,69	31,78	
2017	15,77	53,14	17,35	18,95	68,90	31,07	
2018	14,20	53,27	17,16	18,63	69,62	30,04	
2019	14,84	52,69	17,42	19,09	68,46	30,06	
2020	0,00	49,57	18,92	18,90	68,30	27,89	
2021	14,56	52,18	17,75	19,23	67,79	30,22	
2022	14,01	51,92	17,56	18,52	66,98	30,38	
2023	14,16	52,12	16,98	18,99	67,35	30,29	
Average Totals		9,66	51,23	17,98	18,96	67,79	30,14

INSIGHTS:

- The point differential is remarkably better for champions, mening they play significantly better offense and defense. There aren't any major surprising champions.
- Champions shoot at a better effective field goal percentage with a compared increase of ~ 3.5 percentage points.
- Champions allow fewer turnovers on offense, while comitting more turnovers on defense.
- Playing faster does not seem to be an indicator for winning championships
- Rebounding the ball on offense, while preventing opponents to grab rebounds while on defense, are crucial for champions.