Table 1

Census Day Enrollment

| | Number of Students | | |
	2013-2014	2014-2015	2015-2016
Non-Charter	$516,995$	-0.002	1.155^*
	(1.22)	(2.22)	(0.56)
Constant	0.025^*	-0.002	1.155^*
	(1.22)	(2.22)	(0.56)
Log(assets)[a]	0.025^*	-0.002	1.155^*
	(1.22)	(2.22)	(0.56)

Note: each variable ...
Source: Authors' calculations ...

Table 2

Using Average Seconds per Dribble as the Dependent Variable

	Dependent variable:
	Average Seconds per Dribble
Contract Year	0.011^{***}
	(0.004)
Average Minutes Played	0.033
	(0.029)
Current Salary	0.060^*
	(0.035)
salary_current	-0.000
	(0.000)
Constant	5.117^{***}
	(0.664)
Player Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	1,057
R^2	0.974
Adjusted R^2	0.952
Residual Std. Error	1.609 (df = 569)
F Statistic	44.244^{***} (df = 487; 569)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 3

Using Average Seconds per Touch as the Dependent Variable

	Dependent variable:
	Average Seconds per Touch
Contract Year	0.012***
	(0.003)
Average Minutes Played	0.010
	(0.026)
Current Salary	0.061*
	(0.031)
salary_current	−0.000
	(0.000)
Constant	5.218***
	(0.601)
Player Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	1,057
R^2	0.970
Adjusted R^2	0.944
Residual Std. Error	1.456 (df = 569)
F Statistic	37.358*** (df = 487; 569)
Note:	*p<0.1; **p<0.05; ***p<0.01

Table 4

Using Box Outs as the Dependent Variables

	Dependent variable:		
	Defensive Box Outs	Offensive Box Outs	Box Outs
	(1)	(2)	(3)
Contract Year	0.067***	0.014***	0.081***
	(0.007)	(0.003)	(0.009)
Average Minutes Played	−0.224***	−0.148***	−0.376***
	(0.056)	(0.027)	(0.071)
Current Salary	−1.003***	−0.292***	−1.307***
	(0.067)	(0.032)	(0.085)
salary_current	0.000	−0.000**	−0.000
	(0.000)	(0.000)	(0.000)
Constant	−0.239	−0.034	−0.285
	(1.279)	(0.617)	(1.628)
Player Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	1,057	1,057	1,057
R^2	0.918	0.840	0.917
Adjusted R^2	0.847	0.704	0.845
Residual Std. Error (df = 569)	3.099	1.494	3.946
F Statistic (df = 487; 569)	13.047***	6.145***	12.834***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5

Using Distance as the Dependent Variable

	Dependent variable:		
	Distance: Defensive	Distance: Offensive	Distance
	(1)	(2)	(3)
Contract Year	0.033***	0.038***	375.995***
	(0.0002)	(0.0003)	(1.987)
Average Minutes Played	−0.028	−0.019	−232.420
	(0.021)	(0.024)	(167.408)
Position	−0.007	−0.006	−60.354
	(0.007)	(0.008)	(55.758)
Current Salary	0.009	−0.001	105.262
	(0.050)	(0.058)	(403.686)
posPF-SF	0.038*	0.012	287.761*
	(0.020)	(0.023)	(159.295)
posPG	−0.026**	0.006	−105.444
	(0.012)	(0.014)	(97.853)
posSF	−0.011	0.001	−41.964
	(0.009)	(0.011)	(73.945)
posSF-PF	−0.020	−0.019	−171.840
	(0.083)	(0.096)	(671.448)
posSF-SG	0.017	0.038**	284.066**
	(0.015)	(0.017)	(121.953)
posSG	−0.011	−0.009	−95.964
	(0.011)	(0.012)	(86.236)
posSG-PF	−0.034	0.035	−22.958
	(0.032)	(0.037)	(258.428)
posSG-SF	−0.001	−0.004	−41.108
	(0.034)	(0.040)	(276.733)
as.factor(season)2018	0.014***	0.014***	147.431***
	(0.002)	(0.003)	(19.657)
as.factor(season)2019	0.042***	0.066***	572.759***
	(0.003)	(0.003)	(21.383)
as.factor(season)2020	0.032***	0.045***	404.702***
	(0.003)	(0.003)	(22.963)
salary_current	−0.000	0.000***	0.00000**
	(0.000)	(0.000)	(0.00000)
Constant	0.015	−0.020	−38.408
	(0.034)	(0.040)	(280.617)
Player Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	1,133	1,133	1,133
R^2	0.994	0.994	0.997
Adjusted R^2	0.989	0.990	0.995
Residual Std. Error (df = 676)	0.114	0.138	963.488
F Statistic (df = 456; 676)	233.024***	242.760***	466.797***

Note:	*p<0.1; **p<0.05; ***p<0.01

Table 6

Using Win Shares as the Dependent Variable

	Dependent variable:			
	Defensive Win Shares	Offensive Win Shares	Win Shares	Win Shares per 48 minutes
	(1)	(2)	(3)	(4)
Contract Year	0.062***	0.134***	0.196***	0.002***
	(0.006)	(0.012)	(0.015)	(0.0004)
Average Minutes Played	−0.090	0.098	0.019	−0.001
	(0.520)	(0.971)	(1.252)	(0.030)
Position	−0.170	−0.755**	−0.922**	−0.027***
	(0.173)	(0.323)	(0.417)	(0.010)
Current Salary	−0.026	−0.893	−0.931	−0.053
	(1.253)	(2.341)	(3.018)	(0.072)
posPF-SF	−0.193	−1.192	−1.352	−0.026
	(0.494)	(0.924)	(1.191)	(0.028)
posPG	−0.416	−1.530***	−1.926***	−0.046***
	(0.304)	(0.567)	(0.732)	(0.017)
posSF	−0.392*	−1.315***	−1.677***	−0.034**
	(0.229)	(0.429)	(0.553)	(0.013)
posSF-PF	0.175	−0.412	−0.339	−0.085
	(2.084)	(3.893)	(5.021)	(0.120)
posSF-SG	−0.460	−1.375*	−1.784*	−0.040*
	(0.378)	(0.707)	(0.912)	(0.022)
posSG	−0.496*	−1.411***	−1.875***	−0.042***
	(0.268)	(0.500)	(0.645)	(0.015)
posSG-PF	−0.191	−1.751	−1.930	−0.059
	(0.802)	(1.498)	(1.932)	(0.046)
posSG-SF	−0.364	−1.529	−1.852	−0.065
	(0.859)	(1.605)	(2.069)	(0.049)
as.factor(season)2018	−0.067	−0.042	−0.107	0.002
	(0.061)	(0.114)	(0.147)	(0.004)
as.factor(season)2019	−0.124*	−0.235*	−0.362**	−0.001
	(0.066)	(0.124)	(0.160)	(0.004)
as.factor(season)2020	−0.471***	−0.565***	−1.036***	0.001
	(0.071)	(0.133)	(0.172)	(0.004)
salary_current	−0.000	−0.00000***	−0.00000***	−0.000**
	(0.000)	(0.000)	(0.000)	(0.000)
Constant	−0.008	−0.450	−0.494	0.033
	(0.871)	(1.627)	(2.098)	(0.050)
Player Fixed Effects	Yes			
Year Fixed Effects	Yes			
Observations	1,133	1,133	1,133	1,133
R^2	0.791	0.827	0.840	0.798
Adjusted R^2	0.650	0.710	0.731	0.661
Residual Std. Error (df = 676)	2.990	5.586	7.204	0.172
F Statistic (df = 456; 676)	5.605***	7.072***	7.756***	5.840***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 7

Using Speed Metrics as the Dependent Variable

	Dependent variable:		
	Average Speed	Offensive Speed	Defensive Speed
	(1)	(2)	(3)
Contract Year	−0.005***	−0.005***	−0.007***
	(0.001)	(0.001)	(0.001)
Average Minutes Played	−0.022	0.080	−0.125
	(0.062)	(0.106)	(0.081)
Position	−0.034	−0.055	−0.010
	(0.021)	(0.035)	(0.027)
Current Salary	0.057	0.109	0.061
	(0.149)	(0.256)	(0.194)
posPF-SF	0.065	0.074	0.068
	(0.059)	(0.101)	(0.077)
posPG	−0.060	−0.082	−0.035
	(0.036)	(0.062)	(0.047)
posSF	−0.024	−0.051	0.005
	(0.027)	(0.047)	(0.036)
posSF-PF	−0.096	−0.001	−0.206
	(0.249)	(0.425)	(0.323)
posSF-SG	0.051	0.079	0.026
	(0.045)	(0.077)	(0.059)
posSG	−0.058*	−0.090*	−0.019
	(0.032)	(0.055)	(0.042)
posSG-PF	0.033	0.098	−0.042
	(0.096)	(0.164)	(0.124)
posSG-SF	−0.001	−0.123	0.109
	(0.102)	(0.175)	(0.133)
as.factor(season)2018	0.077***	0.079***	0.076***
	(0.007)	(0.012)	(0.009)
as.factor(season)2019	−0.037***	0.004	−0.070***
	(0.008)	(0.014)	(0.010)
as.factor(season)2020	−0.104***	−0.080***	−0.111***
	(0.009)	(0.015)	(0.011)
salary_current	−0.000	0.000	−0.000***
	(0.000)	(0.000)	(0.000)
Constant	4.275***	4.508***	4.069***
	(0.104)	(0.178)	(0.135)
Player Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	1,133	1,133	1,133
R^2	0.922	0.860	0.877
Adjusted R^2	0.870	0.766	0.794
Residual Std. Error (df = 676)	0.376	0.610	0.464
F Statistic (df = 456; 676)	17.572***	9.105***	10.575***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 8
Usage Rate

	Dependent variable:
	Usage Rate
Contract Year	0.093***
	(0.023)
Average Minutes Played	0.514
	(1.975)
Position	−0.181
	(0.658)
Current Salary	−2.686
	(4.762)
posPF-SF	−2.598
	(1.879)
posPG	0.551
	(1.154)
posSF	−0.074
	(0.872)
posSF-PF	−4.793
	(7.920)
posSF-SG	−0.516
	(1.439)
posSG	0.683
	(1.017)
posSG-PF	3.761
	(3.048)
posSG-SF	−0.006
	(3.264)
as.factor(season)2018	−0.318
	(0.232)
as.factor(season)2019	−0.776***
	(0.252)
as.factor(season)2020	−0.699**
	(0.271)
salary_current	0.00000*
	(0.00000)
Constant	17.201***
	(3.310)
Player Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	1,133
R^2	0.889
Adjusted R^2	0.814
Residual Std. Error	11.365 (df = 676)
F Statistic	711.846*** (df = 456; 676)

Note: *p<0.1; **p<0.05; ***p<0.01

Table 9

Using Average Seconds per Dribble as the Dependent Variable

	Dependent variable:
	Average Seconds per Dribble
Contract Year	−0.298
	(0.310)
Average Minutes Played	0.039
	(0.023)
Current Salary	0.000
	(0.00000)
Constant	0.869*
	(0.477)
Team Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	90
R^2	0.448
Adjusted R^2	0.106
Residual Std. Error	1.443 (df = 55)
F Statistic	1.312 (df = 34; 55)
Note:	*p<0.1; **p<0.05; ***p<0.01

Table 10

Using Average Seconds per Touch as the Dependent Variable

	Dependent variable:
	Average Seconds per Touch
Contract Year	−0.257
	(0.267)
Average Minutes Played	0.033
	(0.020)
Current Salary	0.000
	(0.00000)
Constant	1.795***
	(0.410)
Team Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	90
R^2	0.450
Adjusted R^2	0.110
Residual Std. Error	1.240 (df = 55)
F Statistic	1.323 (df = 34; 55)
Note:	*p<0.1; **p<0.05; ***p<0.01

Table 11

Using Box Outs as the Dependent Variables

	Dependent variable:		
	Defensive Box Outs	Offensive Box Outs	Box Outs
	(1)	(2)	(3)
Contract Year	0.064	−0.003	0.077
	(0.276)	(0.116)	(0.358)
Average Minutes Played	0.056***	0.017**	0.073***
	(0.021)	(0.009)	(0.027)
Current Salary	0.00000	−0.000	0.000
	(0.00000)	(0.000)	(0.00000)
Constant	1.138***	0.255	1.399**
	(0.424)	(0.178)	(0.550)
Team Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	90	90	90
R^2	0.796	0.736	0.793
Adjusted R^2	0.669	0.574	0.666
Residual Std. Error (df = 55)	1.284	0.539	1.665
F Statistic (df = 34; 55)	6.294***	4.521***	6.213***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 12

Using Distance as the Dependent Variable

	Dependent variable:		
	Distance: Defensive	Distance: Offensive	Distance
	(1)	(2)	(3)
Contract Year	−0.046	−0.037	−434.186
	(0.048)	(0.058)	(551.864)
Average Minutes Played	0.032***	0.039***	375.872***
	(0.004)	(0.005)	(48.451)
Position	0.000	−0.000	0.00001
	(0.000)	(0.000)	(0.00004)
Current Salary	−0.085	−0.146	−1,225.332
	(0.092)	(0.110)	(1,051.393)
Team Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	120	120	120
R^2	0.691	0.698	0.695
Adjusted R^2	0.562	0.572	0.567
Residual Std. Error (df = 84)	0.320	0.383	3,673.441
F Statistic (df = 35; 84)	5.365***	5.545***	5.457***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 13
Using Win Shares as the Dependent Variable

	Dependent variable:			
	Defensive Win Shares	Offensive Win Shares	Win Shares	Win Shares per 48 minutes
	(1)	(2)	(3)	(4)
Contract Year	0.476	1.017*	1.513*	0.020
	(0.361)	(0.574)	(0.782)	(0.018)
Average Minutes Played	−0.043	0.054	0.012	−0.002
	(0.032)	(0.050)	(0.069)	(0.002)
Position	0.00000***	0.00000***	0.00000***	0.000***
	(0.00000)	(0.00000)	(0.00000)	(0.000)
Current Salary	1.591**	−1.044	0.519	0.069**
	(0.688)	(1.094)	(1.490)	(0.034)
Team Fixed Effects	Yes			
Year Fixed Effects	Yes			
Observations	120	120	120	120
R^2	0.619	0.652	0.653	0.516
Adjusted R^2	0.461	0.507	0.508	0.314
Residual Std. Error (df = 84)	2.405	3.822	5.206	0.119
F Statistic (df = 35; 84)	3.906***	4.493***	4.512***	2.555***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 14
Using Speed Metrics as the Dependent Variable

	Dependent variable:		
	Average Speed	Offensive Speed	Defensive Speed
	(1)	(2)	(3)
Contract Year	−0.044	−0.009	−0.037
	(0.049)	(0.081)	(0.054)
Average Minutes Played	−0.011**	−0.010	−0.015***
	(0.004)	(0.007)	(0.005)
Position	−0.000**	−0.00000***	0.000
	(0.000)	(0.000)	(0.000)
Current Salary	4.593***	4.957***	4.313***
	(0.094)	(0.155)	(0.103)
Team Fixed Effects	Yes		
Year Fixed Effects	Yes		
Observations	120	120	120
R^2	0.731	0.618	0.655
Adjusted R^2	0.619	0.459	0.512
Residual Std. Error (df = 84)	0.329	0.542	0.359
F Statistic (df = 35; 84)	6.529***	3.887***	4.563***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 15
Usage Rate

	Dependent variable:
	Usage Rate
Contract Year	0.423
	(1.031)
Average Minutes Played	0.130
	(0.091)
Position	0.00000**
	(0.00000)
Current Salary	14.958***
	(1.965)
Team Fixed Effects	Yes
Year Fixed Effects	Yes
Observations	120
R^2	0.607
Adjusted R^2	0.443
Residual Std. Error	6.865 (df = 84)
F Statistic	3.708*** (df = 35; 84)

Note: $^*p<0.1$; $^{**}p<0.05$; $^{***}p<0.01$

Table 16
A Few Summary Statistics on the Data

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
Win Shares	-1.7	1	2.6	3.29	4.9	15.4
Offensive Win Shares	-2.8	0.2	1.2	1.795	2.6	11.6
Defensive Win Shares	-0.5	0.6	1.3	1.50	2.1	5.9
Age	19	23	25	25.79	29	42
Average Minutes Per Game	0.8	15.9	23.3	22.4	29.8	36.9
Salary	25000	1620480	5e+06	8017976	1.2e+07	35654150
Usage Percentage	6.4	15.2	18.4	19.28	22.5	42.9
Contract Year	0	0	0	0.24	0	1