

Short Description

First the data is fixed from sqlite and merged with the help of pandas from the salaries and teams table. The win percentage is calculated and plotted vs total payroll. To make it more clear that the trend observed is not dependent on the frequency of payroll in the year, I take a mean and then I plot the mean total payroll vs time in years to make sure that the trend of increasing win percentage with increased payroll holds. Then on forward I look at individual teams plot and see which teams were favoured by increasing the total payroll in the period to achieve high winning percentage. The polyfit helped understand the increasing and decreasing trendline of each team in mean payroll vs mean win percentage. To make more clear depecititions I calculate the standardized payroll to get a stronger hold on the observation. Lastly on focusing upon OAK during the Moneyball period it can be clearly seen that they didn't pay as much as some of the competitors however was able to buy undervalued players and help increase their effeciency and hence their chances of winning during 2000-2005.

```
In [1]: import pandas as pd
import numpy as np
import warnings
from pandas.core.common import SettingWithCopyWarning
import matplotlib.pyplot as plt
import re
import random
import sqlite3 as sql
```

PART 1

There were many missing data, the salary in the salaries table prior to 1985 were missing. I deleted the data since we were trying to derive correlations between the payroll, years and teams which couldn't be derived from missing payroll data.

```
In [2]: sqlite_file = './lahman2014.sqlite'
conn = sql.connect(sqlite_file)

# selecting the teams table and summing up the salaries team wise in the salaries table.
teams_query = "SELECT * FROM Teams"
salary_query = "SELECT yearID, teamID, sum(salary) as total_payroll FROM Salaries GROUP BY teamID, yearID"

team_salaries = pd.read_sql(salary_query, conn)
teams = pd.read_sql(teams_query, conn)

def win_per(x):
    x['win_percentage']=( x['W'] / x['G']) * 100
    return x

# Calculate the winning percentage
teams = teams.apply(lambda x: win_per(x), 1)

# join based on teamID
teams = teams.merge(team_salaries, on=["yearID", "teamID"])

pd.set_option('display.max_rows', None)
teams
```

Out[2]:

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PFF	teamIDBR	teamIDlahman45	teamIDdretro	win_percentage	total_payroll
0	1985	AL	BAL	BAL	E	4	161	81.0	83	78	...	Baltimore Orioles	Memorial Stadium	2132387.0	97	97	BAL	BAL	BAL	51.552795	11560712.0
1	1985	AL	BOS	BOS	E	5	163	81.0	81	81	...	Boston Red Sox	Fenway Park II	1786633.0	104	104	BOS	BOS	BOS	49.693252	10897560.0
2	1985	AL	CAL	ANA	W	2	162	79.0	90	72	...	California Angels	Anaheim Stadium	2567427.0	100	100	CAL	CAL	CAL	55.555556	14427894.0
3	1985	AL	CHA	CHW	W	3	163	81.0	85	77	...	Chicago White Sox	Comiskey Park	1669888.0	104	104	CHW	CHA	CHA	52.147239	9846178.0
4	1985	AL	CLE	CLE	E	7	162	81.0	60	102	...	Cleveland Indians	Cleveland Stadium	655181.0	99	100	CLE	CLE	CLE	37.037037	6551666.0
5	1985	AL	DET	DET	E	3	161	81.0	84	77	...	Detroit Tigers	Tiger Stadium	2286609.0	100	98	DET	DET	DET	52.173913	10348143.0
6	1985	AL	KCA	KCR	W	1	162	82.0	91	71	...	Kansas City Royals	Royals Stadium	2162717.0	100	100	KCR	KCA	KCA	56.172840	9321179.0
7	1985	AL	MIN	MIN	W	4	162	84.0	77	85	...	Minnesota Twins	Hubert H Humphrey Metrodome	1651814.0	105	105	MIN	MIN	MIN	47.530864	5764821.0
8	1985	AL	ML4	MIL	E	6	161	80.0	71	90	...	Milwaukee Brewers	County Stadium	1360265.0	100	101	MIL	MIL	MIL	44.099379	11284107.0
9	1985	AL	NYA	NYN	E	2	161	80.0	97	64	...	New York Yankees	Yankee Stadium II	2214587.0	98	97	NYN	NYA	NYA	60.248447	14238204.0
10	1985	AL	OAK	OAK	W	4	162	79.0	77	85	...	Oakland Athletics	Oakland Coliseum	1334599.0	92	92	OAK	OAK	OAK	47.530864	9058606.0
11	1985	AL	SEA	SEA	W	6	162	83.0	74	88	...	Seattle Mariners	Kingdome	1128696.0	100	101	SEA	SEA	SEA	45.679012	4613000.0
12	1985	AL	TEX	TEX	W	7	161	80.0	62	99	...	Texas Rangers	Arlington Stadium	1112497.0	101	102	TEX	TEX	TEX	38.509317	7676500.0
13	1985	AL	TOR	TOR	E	1	161	80.0	99	62	...	Toronto Blue Jays	Exhibition Stadium	2468925.0	104	103	TOR	TOR	TOR	61.490683	8812550.0
14	1985	NL	ATL	ATL	W	5	162	81.0	66	96	...	Atlanta Braves	Atlanta-Fulton County Stadium	1350137.0	105	106	ATL	ATL	ATL	40.740741	14807000.0
15	1985	NL	CHN	CHC	E	4	162	81.0	77	84	...	Chicago Cubs	Wrigley Field	2161534.0	110	110	CHC	CHN	CHN	47.530864	12702917.0
16	1985	NL	CIN	CIN	W	2	162	81.0	89	72	...	Cincinnati Reds	Riverfront Stadium	1834619.0	104	105	CIN	CIN	CIN	54.938272	8359917.0
17	1985	NL	HOU	HOU	W	3	162	81.0	83	79	...	Houston Astros	Astrodome	1184314.0	97	96	HOU	HOU	HOU	51.234568	9993051.0
18	1985	NL	LAN	LAD	W	1	162	81.0	95	67	...	Los Angeles Dodgers	Dodger Stadium	3264593.0	97	96	LAD	LAN	LAN	58.641975	10967917.0
19	1985	NL	MON	WSN	E	3	161	81.0	84	77	...	Montreal Expos	Stade Olympique	1502494.0	95	95	MON	MON	MON	52.173913	9470166.0
20	1985	NL	NYN	NYM	E	2	162	81.0	98	64	...	New York Mets	Shea Stadium	2761601.0	99	97	NYM	NYN	NYN	60.493827	10834762.0
21	1985	NL	PHI	PHI	E	5	162	81.0	75	87	...	Philadelphia Phillies	Veterans Stadium	1830350.0	103	103	PHI	PHI	PHI	46.296296	10124966.0
22	1985	NL	PIT	PIT	E	6	161	80.0	57	104	...	Pittsburgh Pirates	Three Rivers Stadium	735900.0	99	100	PIT	PIT	PIT	35.403727	9227500.0
23	1985	NL	SDN	SDP	W	3	162	81.0	83	79	...	San Diego Padres	Jack Murphy Stadium	2210352.0	99	99	SDP	SDN	SDN	51.234568	11036583.0
24	1985	NL	SFN	SFG	W	6	162	81.0	62	100	...	San Francisco Giants	Candlestick Park	818697.0	95	96	SFG	SFN	SFN	38.271605	8221714.0
25	1985	NL	SLN	STL	E	1	162	81.0	101	61	...	St. Louis Cardinals	Busch Stadium II	2637563.0	100	99	STL	SLN	SLN	62.345679	11817083.0
26	1986	AL	BAL	BAL	E	7	162	79.0	73	89	...	Baltimore Orioles	Memorial Stadium	1973176.0	98	99	BAL	BAL	BAL	45.061728	13001258.0
27	1986	AL	BOS	BOS	E	1	161	81.0	95	66	...	Boston Red Sox	Fenway Park II	2147641.0	101	100	BOS	BOS	BOS	59.006211	14402239.0
28	1986	AL	CAL	ANA	W	1	162	82.0	92	70	...	California Angels	Anaheim Stadium	2655872.0	99	99	CAL	CAL	CAL	56.790123	14427258.0
29	1986	AL	CHA	CHW	W	5	162	81.0	72	90	...	Chicago White Sox	Comiskey Park	1424313.0	104	104	CHW	CHA	CHA	44.444444	10418819.0
30	1986	AL	CLE	CLE	E	5	163	81.0	84	78	...	Cleveland Indians	Cleveland Stadium	1471805.0	98	99	CLE	CLE	CLE	51.533742	7809500.0
31	1986	AL	DET	DET	E	3	162	81.0	87	75	...	Detroit Tigers	Tiger Stadium	1899437.0	100	99	DET	DET	DET	53.703704	12335714.0
32	1986	AL	KCA	KCR	W	3	162	81.0	76	86	...	Kansas City Royals	Royals Stadium	2320794.0	102	101	KCR	KCA	KCA	46.913580	13043698.0
33	1986	AL	MIN	MIN	W	6	162	81.0	71	91	...	Minnesota Twins	Hubert H Humphrey Metrodome	1255453.0	102	102	MIN	MIN	MIN	43.827160	8748167.0
34	1986	AL	ML4	MIL	E	6	161	80.0	77	84	...	Milwaukee Brewers	County Stadium	1265041.0	103	104	MIL	MIL	MIL	47.826087	9943642.0
35	1986	AL	NYA	NYN	E	2	162	80.0	90	72	...	New York Yankees	Yankee Stadium II	2268030.0	99	98	NYN	NYA	NYA	55.555556	18494253.0
36	1986	AL	OAK	OAK	W	3	162	83.0	76	86	...	Oakland Athletics	Oakland Coliseum	1314646.0	92	92	OAK	OAK	OAK	46.913580	9779421.0
37	1986	AL	SEA	SEA	W	7	162	82.0	67	95	...	Seattle Mariners	Kingdome	1029045.0	100	101	SEA	SEA	SEA	41.358025	5958309.0
38	1986	AL	TEX	TEX	W	2	162	81.0	87	75	...	Texas Rangers	Arlington Stadium	1692002.0	102	103	TEX	TEX	TEX	53.703704	6743119.0
39	1986	AL	TOR	TOR	E	4	163	81.0	86	76	...	Toronto Blue Jays	Exhibition Stadium	2455477.0	103	102	TOR	TOR	TOR	52.760736	12611047.0
40	1986	NL	ATL	ATL	W	6	161	81.0	72	89	...	Atlanta Braves	Atlanta-Fulton County Stadium	1387181.0	105	106	ATL	ATL	ATL	44.720497	17102786.0
41	1986	NL	CHN	CHC	E	5	160	80.0	70	90	...	Chicago Cubs	Wrigley Field	1859102.0	107	108	CHC	CHN	CHN	43.750000	17208165.0
42	1986	NL	CIN	CIN	W	2	162	81.0	86	76	...	Cincinnati Reds	Riverfront Stadium	1692432.0	104	104	CIN	CIN	CIN	53.086420	11906388.0
43	1986	NL	HOU	HOU	W	1	162	81.0	96	66	...	Houston Astros	Astrodome	1734276.0	97	96	HOU	HOU	HOU	59.259259	9873276.0
44	1986	NL	LAN	LAD	W	5	162	81.0	73	89	...	Los Angeles Dodgers	Dodger Stadium	3023208.0	93	93	LAD	LAN	LAN	45.061728	14913776.0

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
45	1986	NL	MON	WSN	E	4	161	80.0	78	83	...	Montreal Expos	Stade Olympique	1128981.0	100	100	MON	MON	MON	48.447205	11103600.0
46	1986	NL	NYN	NYM	E	1	162	81.0	108	54	...	New York Mets	Shea Stadium	2767601.0	98	96	NYM	NYN	NYN	66.666667	15393714.0
47	1986	NL	PHI	PHI	E	2	161	80.0	86	75	...	Philadelphia Phillies	Veterans Stadium	1933335.0	104	104	PHI	PHI	PHI	53.416149	11590166.0
48	1986	NL	PIT	PIT	E	6	162	81.0	64	98	...	Pittsburgh Pirates	Three Rivers Stadium	1000917.0	102	103	PIT	PIT	PIT	39.506173	10843500.0
49	1986	NL	SDN	SDP	W	4	162	81.0	74	88	...	San Diego Padres	Jack Murphy Stadium	1805716.0	98	98	SDP	SDN	SDN	45.679012	11380693.0
50	1986	NL	SFN	SFG	W	3	162	81.0	83	79	...	San Francisco Giants	Candlestick Park	1528748.0	95	95	SFG	SFN	SFN	51.234568	8947000.0
51	1986	NL	SLN	STL	E	3	161	81.0	79	82	...	St. Louis Cardinals	Busch Stadium II	2471974.0	100	99	STL	SLN	SLN	49.068323	9875010.0
52	1987	AL	BAL	BAL	E	6	162	82.0	67	95	...	Baltimore Orioles	Memorial Stadium	1835692.0	97	98	BAL	BAL	BAL	41.358025	13900273.0
53	1987	AL	BOS	BOS	E	5	162	80.0	78	84	...	Boston Red Sox	Fenway Park II	2231551.0	103	102	BOS	BOS	BOS	48.148148	10144167.0
54	1987	AL	CAL	ANA	W	6	162	81.0	75	87	...	California Angels	Anaheim Stadium	2696299.0	97	97	CAL	CAL	CAL	46.296296	12843499.0
55	1987	AL	CHA	CHW	W	5	162	81.0	77	85	...	Chicago White Sox	Comiskey Park	1208060.0	103	103	CHW	CHA	CHA	47.530864	10641843.0
56	1987	AL	CLE	CLE	E	7	162	81.0	61	101	...	Cleveland Indians	Cleveland Stadium	1077898.0	100	101	CLE	CLE	CLE	37.654321	8513750.0
57	1987	AL	DET	DET	E	1	162	81.0	98	64	...	Detroit Tigers	Tiger Stadium	2061830.0	96	95	DET	DET	DET	60.493827	12122881.0
58	1987	AL	KCA	KCR	W	2	162	81.0	83	79	...	Kansas City Royals	Royals Stadium	2392471.0	102	102	KCR	KCA	KCA	51.234568	11828056.0
59	1987	AL	MIN	MIN	W	1	162	81.0	85	77	...	Minnesota Twins	Hubert H Humphrey Metrodome	2081976.0	103	103	MIN	MIN	MIN	52.469136	6397500.0
60	1987	AL	ML4	MIL	E	3	162	81.0	91	71	...	Milwaukee Brewers	County Stadium	1909244.0	103	103	MIL	MIL	MIL	56.172840	7293224.0
61	1987	AL	NYA	NYY	E	4	162	81.0	89	73	...	New York Yankees	Yankee Stadium II	2427672.0	99	99	NYY	NYA	NYA	54.938272	17099714.0
62	1987	AL	OAK	OAK	W	3	162	81.0	81	81	...	Oakland Athletics	Oakland Coliseum	1678921.0	93	93	OAK	OAK	OAK	50.000000	11680839.0
63	1987	AL	SEA	SEA	W	4	162	81.0	78	84	...	Seattle Mariners	Kingdome	1134255.0	105	106	SEA	SEA	SEA	48.148148	2263500.0
64	1987	AL	TEX	TEX	W	6	162	81.0	75	87	...	Texas Rangers	Arlington Stadium	1763053.0	100	101	TEX	TEX	TEX	46.296296	880000.0
65	1987	AL	TOR	TOR	E	2	162	81.0	96	66	...	Toronto Blue Jays	Exhibition Stadium	2778429.0	102	101	TOR	TOR	TOR	59.259259	10479501.0
66	1987	NL	ATL	ATL	W	5	161	81.0	69	92	...	Atlanta Braves	Atlanta-Fulton County Stadium	1217402.0	104	106	ATL	ATL	ATL	42.857143	16544560.0
67	1987	NL	CHN	CHC	E	6	161	80.0	76	85	...	Chicago Cubs	Wrigley Field	2035130.0	103	104	CHC	CHN	CHN	47.204969	14307999.0
68	1987	NL	CIN	CIN	W	2	162	81.0	84	78	...	Cincinnati Reds	Riverfront Stadium	2185205.0	104	103	CIN	CIN	CIN	51.851852	9281500.0
69	1987	NL	HOU	HOU	W	3	162	81.0	76	86	...	Houston Astros	Astrodome	1909902.0	96	96	HOU	HOU	HOU	46.913580	12608371.0
70	1987	NL	LAN	LAD	W	4	162	81.0	73	89	...	Los Angeles Dodgers	Dodger Stadium	2797409.0	98	98	LAD	LAN	LAN	45.061728	13675403.0
71	1987	NL	MON	WSN	E	3	162	81.0	91	71	...	Montreal Expos	Stade Olympique	1850324.0	103	103	MON	MON	MON	56.172840	6942052.0
72	1987	NL	NYN	NYM	E	2	162	81.0	92	70	...	New York Mets	Shea Stadium	3034129.0	95	93	NYM	NYN	NYN	56.790123	13846714.0
73	1987	NL	PHI	PHI	E	4	162	81.0	80	82	...	Philadelphia Phillies	Veterans Stadium	2100110.0	103	104	PHI	PHI	PHI	49.382716	11514233.0
74	1987	NL	PIT	PIT	E	4	162	81.0	80	82	...	Pittsburgh Pirates	Three Rivers Stadium	1161193.0	100	100	PIT	PIT	PIT	49.382716	7652000.0
75	1987	NL	SDN	SDP	W	6	162	81.0	65	97	...	San Diego Padres	Jack Murphy Stadium	1454061.0	96	97	SDP	SDN	SDN	40.123457	11065796.0
76	1987	NL	SFN	SFG	W	1	162	81.0	90	72	...	San Francisco Giants	Candlestick Park	1917168.0	96	95	SFG	SFN	SFN	55.555556	7290000.0
77	1987	NL	SLN	STL	E	1	162	81.0	95	67	...	St. Louis Cardinals	Busch Stadium II	3072122.0	102	102	STL	SLN	SLN	58.641975	11758000.0
78	1988	AL	BAL	BAL	E	7	161	80.0	54	107	...	Baltimore Orioles	Memorial Stadium	1660738.0	97	98	BAL	BAL	BAL	33.540373	13532075.0
79	1988	AL	BOS	BOS	E	1	162	81.0	89	73	...	Boston Red Sox	Fenway Park II	2464851.0	105	104	BOS	BOS	BOS	54.938272	13896092.0
80	1988	AL	CAL	ANA	W	4	162	81.0	75	87	...	California Angels	Anaheim Stadium	2340925.0	97	97	CAL	CAL	CAL	46.296296	11947388.0
81	1988	AL	CHA	CHW	W	5	161	81.0	71	90	...	Chicago White Sox	Comiskey Park	1115749.0	100	100	CHW	CHA	CHA	44.099379	6390000.0
82	1988	AL	CLE	CLE	E	6	162	81.0	78	84	...	Cleveland Indians	Cleveland Stadium	1411610.0	102	103	CLE	CLE	CLE	48.148148	8936500.0
83	1988	AL	DET	DET	E	2	162	81.0	88	74	...	Detroit Tigers	Tiger Stadium	2081162.0	97	97	DET	DET	DET	54.320988	12869571.0
84	1988	AL	KCA	KCR	W	3	161	80.0	84	77	...	Kansas City Royals	Royals Stadium	2350181.0	101	101	KCR	KCA	KCA	52.173913	14556562.0
85	1988	AL	MIN	MIN	W	2	162	81.0	91	71	...	Minnesota Twins	Hubert H Humphrey Metrodome	3030672.0	103	102	MIN	MIN	MIN	56.172840	12462666.0
86	1988	AL	ML4	MIL	E	3	162	81.0	87	75	...	Milwaukee Brewers	County Stadium	1923238.0	101	100	MIL	MIL	MIL	53.703704	8402000.0
87	1988	AL	NYA	NYY	E	5	161	80.0	85	76	...	New York Yankees	Yankee Stadium II	2633701.0	99	100	NYY	NYA	NYA	52.795031	19441152.0
88	1988	AL	OAK	OAK	W	1	162	81.0	104	58	...	Oakland Athletics	Oakland Coliseum	2287335.0	97	96	OAK	OAK	OAK	64.197531	9690000.0
89	1988	AL	SEA	SEA	W	7	161	81.0	68	93	...	Seattle Mariners	Kingdome	1022398.0	104	105	SEA	SEA	SEA	42.236025	7342450.0

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90	1988	AL	TEX	TEX	W	6	161	81.0	70	91	...	Texas Rangers	Arlington Stadium	1581901.0	102	103	TEX	TEX	TEX	43.478261
91	1988	AL	TOR	TOR	E	3	162	81.0	87	75	...	Toronto Blue Jays	Exhibition Stadium	2595175.0	100	99	TOR	TOR	TOR	53.703704
92	1988	NL	ATL	ATL	W	6	160	79.0	54	106	...	Atlanta Braves	Atlanta-Fulton County Stadium	848089.0	104	106	ATL	ATL	ATL	33.750000
93	1988	NL	CHN	CHC	E	4	163	82.0	77	85	...	Chicago Cubs	Wrigley Field	2089034.0	105	105	CHC	CHN	CHN	47.239264
94	1988	NL	CIN	CIN	W	2	161	80.0	87	74	...	Cincinnati Reds	Riverfront Stadium	2072528.0	104	104	CIN	CIN	CIN	54.037267
95	1988	NL	HOU	HOU	W	5	162	81.0	82	80	...	Houston Astros	Astrodome	1933505.0	96	96	HOU	HOU	HOU	50.617284
96	1988	NL	LAN	LAD	W	1	162	81.0	94	67	...	Los Angeles Dodgers	Dodger Stadium	2980262.0	98	97	LAD	LAN	LAN	58.024691
97	1988	NL	MON	WSN	E	3	163	81.0	81	81	...	Montreal Expos	Stade Olympique	1478659.0	104	104	MON	MON	MON	49.693252
98	1988	NL	NYN	NYM	E	1	160	80.0	100	60	...	New York Mets	Shea Stadium	3055445.0	95	94	NYM	NYN	NYN	62.500000
99	1988	NL	PHI	PHI	E	6	162	81.0	65	96	...	Philadelphia Phillies	Veterans Stadium	1990041.0	101	103	PHI	PHI	PHI	40.123457
100	1988	NL	PIT	PIT	E	2	160	81.0	85	75	...	Pittsburgh Pirates	Three Rivers Stadium	1866713.0	98	98	PIT	PIT	PIT	53.125000
101	1988	NL	SDN	SDP	W	3	161	81.0	83	78	...	San Diego Padres	Jack Murphy Stadium	1506896.0	99	99	SDP	SDN	SDN	51.552795
102	1988	NL	SFN	SFG	W	4	162	81.0	83	79	...	San Francisco Giants	Candlestick Park	1785297.0	96	95	SFG	SFN	SFN	51.234568
103	1988	NL	SLN	STL	E	5	162	81.0	76	86	...	St. Louis Cardinals	Busch Stadium II	2892799.0	101	101	STL	SLN	SLN	46.913580
104	1989	AL	BAL	BAL	E	2	162	81.0	87	75	...	Baltimore Orioles	Memorial Stadium	2535208.0	96	97	BAL	BAL	BAL	53.703704
105	1989	AL	BOS	BOS	E	3	162	81.0	83	79	...	Boston Red Sox	Fenway Park II	2510012.0	107	106	BOS	BOS	BOS	51.234568
106	1989	AL	CAL	ANA	W	3	162	81.0	91	71	...	California Angels	Anaheim Stadium	2647291.0	98	98	CAL	CAL	CAL	56.172840
107	1989	AL	CHA	CHW	W	7	161	80.0	69	92	...	Chicago White Sox	Comiskey Park	1045651.0	97	98	CHW	CHA	CHA	42.857143
108	1989	AL	CLE	CLE	E	6	162	81.0	73	89	...	Cleveland Indians	Cleveland Stadium	1285542.0	101	102	CLE	CLE	CLE	45.061728
109	1989	AL	DET	DET	E	7	162	81.0	59	103	...	Detroit Tigers	Tiger Stadium	1543656.0	98	99	DET	DET	DET	36.419753
110	1989	AL	KCA	KCR	W	2	162	81.0	92	70	...	Kansas City Royals	Royals Stadium	2477700.0	100	100	KCR	KCA	KCA	56.790123
111	1989	AL	MIN	MIN	W	5	162	81.0	80	82	...	Minnesota Twins	Hubert H Humphrey Metrodome	2277438.0	107	107	MIN	MIN	MIN	49.382716
112	1989	AL	ML4	MIL	E	4	162	81.0	81	81	...	Milwaukee Brewers	County Stadium	1970735.0	99	99	MIL	MIL	MIL	50.000000
113	1989	AL	NYA	NYY	E	5	161	81.0	74	87	...	New York Yankees	Yankee Stadium II	2170485.0	99	99	NYY	NYA	NYA	45.962733
114	1989	AL	OAK	OAK	W	1	162	81.0	99	63	...	Oakland Athletics	Oakland Coliseum	2667225.0	97	95	OAK	OAK	OAK	61.111111
115	1989	AL	SEA	SEA	W	6	162	81.0	73	89	...	Seattle Mariners	Kingdome	1298443.0	103	104	SEA	SEA	SEA	45.061728
116	1989	AL	TEX	TEX	W	4	162	81.0	83	79	...	Texas Rangers	Arlington Stadium	2043993.0	102	102	TEX	TEX	TEX	51.234568
117	1989	AL	TOR	TOR	E	1	162	81.0	89	73	...	Toronto Blue Jays	Exhibition Stadium /Skydome	3375883.0	94	94	TOR	TOR	TOR	54.938272
118	1989	NL	ATL	ATL	W	6	161	79.0	63	97	...	Atlanta Braves	Atlanta-Fulton County Stadium	984930.0	102	104	ATL	ATL	ATL	39.130435
119	1989	NL	CHN	CHC	E	1	162	81.0	93	69	...	Chicago Cubs	Wrigley Field	2491942.0	108	108	CHC	CHN	CHN	57.407407
120	1989	NL	CIN	CIN	W	5	162	81.0	75	87	...	Cincinnati Reds	Riverfront Stadium	1979320.0	104	103	CIN	CIN	CIN	46.296296
121	1989	NL	HOU	HOU	W	3	162	82.0	86	76	...	Houston Astros	Astrodome	1834908.0	97	97	HOU	HOU	HOU	53.086420
122	1989	NL	LAN	LAD	W	4	160	81.0	77	83	...	Los Angeles Dodgers	Dodger Stadium	2944653.0	99	98	LAD	LAN	LAN	48.125000
123	1989	NL	MON	WSN	E	4	162	81.0	81	81	...	Montreal Expos	Stade Olympique	1783533.0	102	101	MON	MON	MON	50.000000
124	1989	NL	NYN	NYM	E	2	162	81.0	87	75	...	New York Mets	Shea Stadium	2918710.0	95	93	NYM	NYN	NYN	53.703704
125	1989	NL	PHI	PHI	E	6	163	81.0	67	95	...	Philadelphia Phillies	Veterans Stadium	1861985.0	99	101	PHI	PHI	PHI	41.104294
126	1989	NL	PIT	PIT	E	5	164	81.0	74	88	...	Pittsburgh Pirates	Three Rivers Stadium	1374141.0	96	96	PIT	PIT	PIT	45.121951
127	1989	NL	SDN	SDP	W	2	162	81.0	89	73	...	San Diego Padres	Jack Murphy Stadium	2009031.0	101	101	SDP	SDN	SDN	54.938272
128	1989	NL	SFN	SFG	W	1	162	81.0	92	70	...	San Francisco Giants	Candlestick Park	2059701.0	97	96	SFG	SFN	SFN	56.790123
129	1989	NL	SLN	STL	E	3	164	83.0	86	76	...	St. Louis Cardinals	Busch Stadium II	3080980.0	103	103	STL	SLN	SLN	52.439024
130	1990	AL	BAL	BAL	E	5	161	80.0	76	85	...	Baltimore Orioles	Memorial Stadium	2415189.0	97	98	BAL	BAL	BAL	47.204969
131	1990	AL	BOS	BOS	E	1	162	81.0	88	74	...	Boston Red Sox	Fenway Park II	2528986.0	105	105	BOS	BOS	BOS	54.320988
132	1990	AL	CAL	ANA	W	4	162	81.0	80	82	...	California Angels	Anaheim Stadium	2555688.0	97	97	CAL	CAL	CAL	49.382716
133	1990	AL	CHA	CHW	W	2	162	80.0	94	68	...	Chicago White Sox	Comiskey Park	2002357.0	98	98	CHW	CHA	CHA	58.024691
134	1990	AL	CLE	CLE	E	4	162	81.0	77	85	...	Cleveland Indians	Cleveland Stadium	1225240.0	100	100	CLE	CLE	CLE	47.530864

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamIDLahman45	teamIDDretro	win_percentage	total_payroll
135	1990	AL	DET	DET	E	3	162	81.0	79	83	...	Detroit Tigers	Tiger Stadium	1495785.0	101	102	DET	DET	DET	48.765432	17593238.0
136	1990	AL	KCA	KCR	W	6	161	81.0	75	86	...	Kansas City Royals	Royals Stadium	2244956.0	98	98	KCR	KCA	KCA	46.583851	23361084.0
137	1990	AL	MIN	MIN	W	7	162	81.0	74	88	...	Minnesota Twins	Hubert H Humphrey Metrodome	1751584.0	107	107	MIN	MIN	MIN	45.679012	14602000.0
138	1990	AL	ML4	MIL	E	6	162	81.0	74	88	...	Milwaukee Brewers	County Stadium	1752900.0	99	99	MIL	MIL	MIL	45.679012	19719167.0
139	1990	AL	NYA	NYY	E	7	162	81.0	67	95	...	New York Yankees	Yankee Stadium II	2006436.0	100	102	NYY	NYA	NYA	41.358025	20912318.0
140	1990	AL	OAK	OAK	W	1	162	81.0	103	59	...	Oakland Athletics	Oakland Coliseum	2900217.0	96	95	OAK	OAK	OAK	63.580247	19887501.0
141	1990	AL	SEA	SEA	W	5	162	81.0	77	85	...	Seattle Mariners	Kingdome	1509727.0	101	101	SEA	SEA	SEA	47.530864	12553667.0
142	1990	AL	TEX	TEX	W	3	162	82.0	83	79	...	Texas Rangers	Arlington Stadium	2057911.0	100	101	TEX	TEX	TEX	51.234568	14874372.0
143	1990	AL	TOR	TOR	E	2	162	81.0	86	76	...	Toronto Blue Jays	Skydome	3885284.0	106	105	TOR	TOR	TOR	53.086420	17756834.0
144	1990	NL	ATL	ATL	W	6	162	81.0	65	97	...	Atlanta Braves	Atlanta-Fulton County Stadium	980129.0	105	106	ATL	ATL	ATL	40.123457	14555501.0
145	1990	NL	CHN	CHC	E	4	162	81.0	77	85	...	Chicago Cubs	Wrigley Field	2243791.0	108	108	CHC	CHN	CHN	47.530864	13624000.0
146	1990	NL	CIN	CIN	W	1	162	81.0	91	71	...	Cincinnati Reds	Riverfront Stadium	2400892.0	105	105	CIN	CIN	CIN	56.172840	14370000.0
147	1990	NL	HOU	HOU	W	4	162	81.0	75	87	...	Houston Astros	Astrodome	1310927.0	97	98	HOU	HOU	HOU	46.296296	18330000.0
148	1990	NL	LAN	LAD	W	2	162	81.0	86	76	...	Los Angeles Dodgers	Dodger Stadium	3002396.0	98	97	LAD	LAN	LAN	53.086420	21318704.0
149	1990	NL	MON	WSN	E	3	162	81.0	85	77	...	Montreal Expos	Stade Olympique	1373087.0	96	96	MON	MON	MON	52.469136	16586388.0
150	1990	NL	NYN	NYM	E	2	162	81.0	91	71	...	New York Mets	Shea Stadium	2732745.0	100	99	NYM	NYN	NYN	56.172840	21722834.0
151	1990	NL	PHI	PHI	E	4	162	81.0	77	85	...	Philadelphia Phillies	Veterans Stadium	1992484.0	99	100	PHI	PHI	PHI	47.530864	13173667.0
152	1990	NL	PIT	PIT	E	1	162	81.0	95	67	...	Pittsburgh Pirates	Three Rivers Stadium	2049908.0	96	95	PIT	PIT	PIT	58.641975	15556000.0
153	1990	NL	SDN	SDP	W	4	162	81.0	75	87	...	San Diego Padres	Jack Murphy Stadium	1856396.0	101	101	SDP	SDN	SDN	46.296296	17588334.0
154	1990	NL	SFN	SFG	W	3	162	81.0	85	77	...	San Francisco Giants	Candlestick Park	1975528.0	96	96	SFG	SFN	SFN	52.469136	19335333.0
155	1990	NL	SLN	STL	E	6	162	81.0	70	92	...	St. Louis Cardinals	Busch Stadium II	2573225.0	100	100	STL	SLN	SLN	43.209877	20523334.0
156	1991	AL	BAL	BAL	E	6	162	81.0	67	95	...	Baltimore Orioles	Memorial Stadium	2552753.0	96	97	BAL	BAL	BAL	41.358025	17519000.0
157	1991	AL	BOS	BOS	E	2	162	81.0	84	78	...	Boston Red Sox	Fenway Park II	2562435.0	105	105	BOS	BOS	BOS	51.851852	35167500.0
158	1991	AL	CAL	ANA	W	7	162	81.0	81	81	...	California Angels	Anaheim Stadium	2416236.0	99	100	CAL	CAL	CAL	50.000000	33060001.0
159	1991	AL	CHA	CHW	W	2	162	81.0	87	75	...	Chicago White Sox	Comiskey Park II	2934154.0	98	97	CHW	CHA	CHA	53.703704	16919667.0
160	1991	AL	CLE	CLE	E	7	162	82.0	57	105	...	Cleveland Indians	Cleveland Stadium	1051863.0	101	102	CLE	CLE	CLE	35.185185	17635000.0
161	1991	AL	DET	DET	E	2	162	81.0	84	78	...	Detroit Tigers	Tiger Stadium	1641661.0	102	102	DET	DET	DET	51.851852	23838333.0
162	1991	AL	KCA	KCR	W	6	162	81.0	82	80	...	Kansas City Royals	Royals Stadium	2161537.0	100	101	KCR	KCA	KCA	50.617284	26319834.0
163	1991	AL	MIN	MIN	W	1	162	81.0	95	67	...	Minnesota Twins	Hubert H Humphrey Metrodome	2293842.0	105	104	MIN	MIN	MIN	58.641975	23361833.0
164	1991	AL	ML4	MIL	E	4	162	80.0	83	79	...	Milwaukee Brewers	County Stadium	1478729.0	98	98	MIL	MIL	MIL	51.234568	23115500.0
165	1991	AL	NYA	NYY	E	5	162	81.0	71	91	...	New York Yankees	Yankee Stadium II	1863733.0	100	101	NYY	NYA	NYA	43.827160	27344168.0
166	1991	AL	OAK	OAK	W	4	162	81.0	84	78	...	Oakland Athletics	Oakland Coliseum	2713493.0	94	93	OAK	OAK	OAK	51.851852	36999167.0
167	1991	AL	SEA	SEA	W	5	162	81.0	83	79	...	Seattle Mariners	Kingdome	2147905.0	100	100	SEA	SEA	SEA	51.234568	15691833.0
168	1991	AL	TEX	TEX	W	3	162	81.0	85	77	...	Texas Rangers	Arlington Stadium	2297720.0	98	99	TEX	TEX	TEX	52.469136	18224500.0
169	1991	AL	TOR	TOR	E	1	162	81.0	91	71	...	Toronto Blue Jays	Skydome	4001527.0	104	103	TOR	TOR	TOR	56.172840	19902417.0
170	1991	NL	ATL	ATL	W	1	162	81.0	94	68	...	Atlanta Braves	Atlanta-Fulton County Stadium	2140217.0	106	106	ATL	ATL	ATL	58.024691	18403500.0
171	1991	NL	CHN	CHC	E	4	160	83.0	77	83	...	Chicago Cubs	Wrigley Field	2314250.0	104	105	CHC	CHN	CHN	48.125000	23175667.0
172	1991	NL	CIN	CIN	W	5	162	81.0	74	88	...	Cincinnati Reds	Riverfront Stadium	2372377.0	104	104	CIN	CIN	CIN	45.679012	26305333.0
173	1991	NL	HOU	HOU	W	6	162	81.0	65	97	...	Houston Astros	Astrodome	1196152.0	93	94	HOU	HOU	HOU	40.123457	12852500.0
174	1991	NL	LAN	LAD	W	2	162	81.0	93	69	...	Los Angeles Dodgers	Dodger Stadium	3348170.0	98	97	LAD	LAN	LAN	57.407407	32790664.0
175	1991	NL	MON	WSN	E	6	161	68.0	71	90	...	Montreal Expos	Stade Olympique	934742.0	99	99	MON	MON	MON	44.099379	10732333.0
176	1991	NL	NYN	NYM	E	5	161	82.0	77	84	...	New York Mets	Shea Stadium	2284484.0	99	99	NYM	NYN	NYN	47.826087	32590001.0
177	1991	NL	PHI	PHI	E	3	162	83.0	78	84	...	Philadelphia Phillies	Veterans Stadium	2050012.0	99	99	PHI	PHI	PHI	48.148148	22487332.0
178	1991	NL	PIT	PIT	E	1	162	84.0	98	64	...	Pittsburgh Pirates	Three Rivers Stadium	2065302.0	99	98	PIT	PIT	PIT	60.493827	23634667.0
179	1991	NL	SDN	SDP	W	3	162	81.0	84	78	...	San Diego Padres	Jack Murphy Stadium	1804289.0	103	103	SDP	SDN	SDN	51.851852	22150001.0

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDiahman45	teamIDreto	win_percentage	total_payroll
180	1991	NL	SFN	SFG	W	4	162	81.0	75	87	...	San Francisco Giants	Candlestick Park	1737478.0	96	97	SFG	SFN	SFN	46.296296	30967666.0
181	1991	NL	SLN	STL	E	2	162	84.0	84	78	...	St. Louis Cardinals	Busch Stadium II	2448699.0	100	100	STL	SLN	SLN	51.851852	21860001.0
182	1992	AL	BAL	BAL	E	3	162	81.0	89	73	...	Baltimore Orioles	Oriole Park at Camden Yards	3567819.0	102	101	BAL	BAL	BAL	54.938272	23780667.0
183	1992	AL	BOS	BOS	E	7	162	81.0	73	89	...	Boston Red Sox	Fenway Park II	2468574.0	106	107	BOS	BOS	BOS	45.061728	43610584.0
184	1992	AL	CAL	ANA	W	5	162	81.0	72	90	...	California Angels	Anaheim Stadium	2065444.0	100	101	CAL	CAL	CAL	44.444444	34749334.0
185	1992	AL	CHA	CHW	W	3	162	82.0	86	76	...	Chicago White Sox	Comiskey Park II	2681156.0	99	99	CHW	CHA	CHA	53.086420	30160833.0
186	1992	AL	CLE	CLE	E	4	162	81.0	76	86	...	Cleveland Indians	Cleveland Stadium	1224094.0	99	100	CLE	CLE	CLE	46.913580	9373044.0
187	1992	AL	DET	DET	E	6	162	80.0	75	87	...	Detroit Tigers	Tiger Stadium	1423963.0	101	100	DET	DET	DET	46.296296	27322834.0
188	1992	AL	KCA	KCR	W	5	162	81.0	72	90	...	Kansas City Royals	Royals Stadium	1867689.0	102	103	KCR	KCA	KCA	44.444444	33893834.0
189	1992	AL	MIN	MIN	W	2	162	81.0	90	72	...	Minnesota Twins	Hubert H Humphrey Metrodome	2482428.0	103	102	MIN	MIN	MIN	55.555556	28027834.0
190	1992	AL	ML4	MIL	E	2	162	81.0	92	70	...	Milwaukee Brewers	County Stadium	1857351.0	99	98	MIL	MIL	MIL	56.790123	31013667.0
191	1992	AL	NYA	NYY	E	4	162	81.0	76	86	...	New York Yankees	Yankee Stadium II	1748737.0	100	100	NYY	NYA	NYA	46.913580	37543334.0
192	1992	AL	OAK	OAK	W	1	162	81.0	96	66	...	Oakland Athletics	Oakland Coliseum	2494160.0	94	95	OAK	OAK	OAK	59.259259	41035000.0
193	1992	AL	SEA	SEA	W	7	162	81.0	64	98	...	Seattle Mariners	Kingdome	1651367.0	100	100	SEA	SEA	SEA	39.506173	23179833.0
194	1992	AL	TEX	TEX	W	4	162	81.0	77	85	...	Texas Rangers	Arlington Stadium	2198231.0	97	97	TEX	TEX	TEX	47.530864	30128167.0
195	1992	AL	TOR	TOR	E	1	162	81.0	96	66	...	Toronto Blue Jays	Skydome	4028318.0	105	104	TOR	TOR	TOR	59.259259	44788666.0
196	1992	NL	ATL	ATL	W	1	162	81.0	98	64	...	Atlanta Braves	Atlanta-Fulton County Stadium	3077400.0	107	105	ATL	ATL	ATL	60.493827	34625333.0
197	1992	NL	CHN	CHC	E	4	162	81.0	78	84	...	Chicago Cubs	Wrigley Field	2126720.0	102	103	CHC	CHN	CHN	48.148148	29829686.0
198	1992	NL	CIN	CIN	W	2	162	81.0	90	72	...	Cincinnati Reds	Riverfront Stadium	2315946.0	103	103	CIN	CIN	CIN	55.555556	35931499.0
199	1992	NL	HOU	HOU	W	4	162	81.0	81	81	...	Houston Astros	Astrodome	1211412.0	95	95	HOU	HOU	HOU	50.000000	15407500.0
200	1992	NL	LAN	LAD	W	6	162	81.0	63	99	...	Los Angeles Dodgers	Dodger Stadium	2473266.0	99	99	LAD	LAN	LAN	38.888889	44788166.0
201	1992	NL	MON	WSN	E	2	162	81.0	87	75	...	Montreal Expos	Stade Olympique	1669127.0	99	99	MON	MON	MON	53.703704	15822334.0
202	1992	NL	NYN	NYM	E	5	162	81.0	72	90	...	New York Mets	Shea Stadium	1779534.0	99	99	NYM	NYN	NYN	44.444444	44602002.0
203	1992	NL	PHI	PHI	E	6	162	81.0	70	92	...	Philadelphia Phillies	Veterans Stadium	1927448.0	100	100	PHI	PHI	PHI	43.209877	24383834.0
204	1992	NL	PIT	PIT	E	1	162	81.0	96	66	...	Pittsburgh Pirates	Three Rivers Stadium	1829395.0	99	98	PIT	PIT	PIT	59.259259	33944167.0
205	1992	NL	SDN	SDP	W	3	162	81.0	82	80	...	San Diego Padres	Jack Murphy Stadium	1721406.0	101	102	SDP	SDN	SDN	50.617284	26854167.0
206	1992	NL	SFN	SFG	W	5	162	81.0	72	90	...	San Francisco Giants	Candlestick Park	1560998.0	94	94	SFG	SFN	SFN	44.444444	33163168.0
207	1992	NL	SLN	STL	E	3	162	81.0	83	79	...	St. Louis Cardinals	Busch Stadium II	2418483.0	97	97	STL	SLN	SLN	51.234568	27583836.0
208	1993	AL	BAL	BAL	E	3	162	81.0	85	77	...	Baltimore Orioles	Oriole Park at Camden Yards	3644965.0	104	103	BAL	BAL	BAL	52.469136	29096500.0
209	1993	AL	BOS	BOS	E	5	162	81.0	80	82	...	Boston Red Sox	Fenway Park II	2422021.0	106	107	BOS	BOS	BOS	49.382716	37120583.0
210	1993	AL	CAL	ANA	W	5	162	81.0	71	91	...	California Angels	Anaheim Stadium	2057460.0	103	104	CAL	CAL	CAL	43.827160	28588334.0
211	1993	AL	CHA	CHW	W	1	162	81.0	94	68	...	Chicago White Sox	Comiskey Park II	2581091.0	98	97	CHW	CHA	CHA	58.024691	39696166.0
212	1993	AL	CLE	CLE	E	6	162	81.0	76	86	...	Cleveland Indians	Cleveland Stadium	2177908.0	100	101	CLE	CLE	CLE	46.913580	18561000.0
213	1993	AL	DET	DET	E	3	162	81.0	85	77	...	Detroit Tigers	Tiger Stadium	1971421.0	99	99	DET	DET	DET	52.469136	38150165.0
214	1993	AL	KCA	KCR	W	3	162	81.0	84	78	...	Kansas City Royals	Kauffman Stadium	1934578.0	106	106	KCR	KCA	KCA	51.851852	41346167.0
215	1993	AL	MIN	MIN	W	5	162	81.0	71	91	...	Minnesota Twins	Hubert H Humphrey Metrodome	2048673.0	100	100	MIN	MIN	MIN	43.827160	28217933.0
216	1993	AL	ML4	MIL	E	7	162	81.0	69	93	...	Milwaukee Brewers	County Stadium	1688080.0	99	99	MIL	MIL	MIL	42.592593	23806834.0
217	1993	AL	NYA	NYY	E	2	162	81.0	88	74	...	New York Yankees	Yankee Stadium II	2416942.0	97	96	NYY	NYA	NYA	54.320988	42624900.0
218	1993	AL	OAK	OAK	W	7	162	81.0	68	94	...	Oakland Athletics	Oakland Coliseum	2035025.0	94	94	OAK	OAK	OAK	41.975309	37812333.0
219	1993	AL	SEA	SEA	W	4	162	81.0	82	80	...	Seattle Mariners	Kingdome	2052638.0	101	102	SEA	SEA	SEA	50.617284	32696333.0
220	1993	AL	TEX	TEX	W	2	162	81.0	86	76	...	Texas Rangers	Arlington Stadium	2244616.0	96	96	TEX	TEX	TEX	53.086420	36376959.0
221	1993	AL	TOR	TOR	E	1	162	81.0	95	67	...	Toronto Blue Jays	Skydome	4057947.0	101	100	TOR	TOR	TOR	58.641975	47279166.0
222	1993	NL	ATL	ATL	W	1	162	81.0	104	58	...	Atlanta Braves	Atlanta-Fulton County Stadium	3884720.0	101	100	ATL	ATL	ATL	64.197531	41641417.0
223	1993	NL	CHN	CHC	E	4	163	82.0	84	78	...	Chicago Cubs	Wrigley Field	2653763.0	98	98	CHC	CHN	CHN	51.533742	39386666.0
224	1993	NL	CIN	CIN	W	5	162	81.0	73	89	...	Cincinnati Reds	Riverfront Stadium	2453232.0	101	100	CIN	CIN	CIN	45.061728	44879666.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDiahman45	teamDretro	win_percentage	total_payroll
225	1993	NL	COL	COL	W	6	162	81.0	67	95	...	Colorado Rockies	Mile High Stadium	4483350.0	117	118	COL	COL	COL	41.358025	10353500.0
226	1993	NL	FLO	FLA	E	6	162	81.0	64	98	...	Florida Marlins	Joe Robbie Stadium	3064847.0	104	106	FLA	FLO	FLO	39.506173	19330545.0
227	1993	NL	HOU	HOU	W	3	162	81.0	85	77	...	Houston Astros	Astrodome	2084618.0	96	96	HOU	HOU	HOU	52.469136	30210500.0
228	1993	NL	LAN	LAD	W	4	162	81.0	81	81	...	Los Angeles Dodgers	Dodger Stadium	3170393.0	95	95	LAD	LAN	LAN	50.000000	39331999.0
229	1993	NL	MON	WSN	E	2	163	81.0	94	68	...	Montreal Expos	Stade Olympique	1641437.0	105	104	MON	MON	MON	57.668712	18899333.0
230	1993	NL	NYN	NYM	E	7	162	81.0	59	103	...	New York Mets	Shea Stadium	1873183.0	99	100	NYM	NYN	NYN	36.419753	39043667.0
231	1993	NL	PHI	PHI	E	1	162	81.0	97	65	...	Philadelphia Phillies	Veterans Stadium	3137674.0	99	98	PHI	PHI	PHI	59.876543	28538334.0
232	1993	NL	PIT	PIT	E	5	162	81.0	75	87	...	Pittsburgh Pirates	Three Rivers Stadium	1650593.0	99	100	PIT	PIT	PIT	46.296296	24822467.0
233	1993	NL	SDN	SDP	W	7	162	81.0	61	101	...	San Diego Padres	Jack Murphy Stadium	1375432.0	102	102	SDP	SDN	SDN	37.654321	25511333.0
234	1993	NL	SFN	SFG	W	2	162	81.0	103	59	...	San Francisco Giants	Candlestick Park	2606354.0	97	96	SFG	SFN	SFN	63.580247	35050000.0
235	1993	NL	SLN	STL	E	3	162	81.0	87	75	...	St. Louis Cardinals	Busch Stadium II	2844977.0	98	98	STL	SLN	SLN	53.703704	23367334.0
236	1994	AL	BAL	BAL	E	2	112	55.0	63	49	...	Baltimore Orioles	Oriole Park at Camden Yards	2535359.0	105	104	BAL	BAL	BAL	56.250000	38849769.0
237	1994	AL	BOS	BOS	E	4	115	64.0	54	61	...	Boston Red Sox	Fenway Park II	1775818.0	105	105	BOS	BOS	BOS	46.956522	37859084.0
238	1994	AL	CAL	ANA	W	4	115	63.0	47	68	...	California Angels	Anaheim Stadium	1512622.0	101	101	CAL	CAL	CAL	40.869565	25156218.0
239	1994	AL	CHA	CHW	C	1	113	53.0	67	46	...	Chicago White Sox	Comiskey Park II	1697398.0	99	98	CHW	CHA	CHA	59.292035	39183836.0
240	1994	AL	CLE	CLE	C	2	113	51.0	66	47	...	Cleveland Indians	Jacobs Field	1995174.0	99	97	CLE	CLE	CLE	58.407080	30490500.0
241	1994	AL	DET	DET	E	5	115	58.0	53	62	...	Detroit Tigers	Tiger Stadium	1184783.0	101	101	DET	DET	DET	46.086957	41446501.0
242	1994	AL	KCA	KCR	C	3	115	59.0	64	51	...	Kansas City Royals	Kauffman Stadium	1400494.0	104	104	KCR	KCA	KCA	55.652174	40541334.0
243	1994	AL	MIN	MIN	C	4	113	59.0	53	60	...	Minnesota Twins	Hubert H Humphrey Metrodome	1398565.0	100	102	MIN	MIN	MIN	46.902655	28438500.0
244	1994	AL	ML4	MIL	C	5	115	56.0	53	62	...	Milwaukee Brewers	County Stadium	1268399.0	104	105	MIL	MIL	MIL	46.086957	24350500.0
245	1994	AL	NYA	NYY	E	1	113	57.0	70	43	...	New York Yankees	Yankee Stadium II	1675556.0	97	96	NYY	NYA	NYA	61.946903	45731334.0
246	1994	AL	OAK	OAK	W	2	114	56.0	51	63	...	Oakland Athletics	Oakland Coliseum	1242692.0	91	92	OAK	OAK	OAK	44.736842	34172500.0
247	1994	AL	SEA	SEA	W	3	112	44.0	49	63	...	Seattle Mariners	Kingdome	1104206.0	102	102	SEA	SEA	SEA	43.750000	29228500.0
248	1994	AL	TEX	TEX	W	1	114	63.0	52	62	...	Texas Rangers	The Ballpark at Arlington	2503198.0	100	101	TEX	TEX	TEX	45.614035	32973597.0
249	1994	AL	TOR	TOR	E	3	115	59.0	55	60	...	Toronto Blue Jays	Skydome	2907933.0	100	100	TOR	TOR	TOR	47.826087	43433668.0
250	1994	NL	ATL	ATL	E	2	114	55.0	68	46	...	Atlanta Braves	Atlanta-Fulton County Stadium	2539240.0	102	100	ATL	ATL	ATL	59.649123	49383513.0
251	1994	NL	CHN	CHC	C	5	113	59.0	49	64	...	Chicago Cubs	Wrigley Field	1845208.0	99	99	CHC	CHN	CHN	43.362832	36287333.0
252	1994	NL	CIN	CIN	C	1	115	60.0	66	48	...	Cincinnati Reds	Riverfront Stadium	1897681.0	99	99	CIN	CIN	CIN	57.391304	40961833.0
253	1994	NL	COL	COL	W	3	117	57.0	53	64	...	Colorado Rockies	Mile High Stadium	3281511.0	117	118	COL	COL	COL	45.299145	23887333.0
254	1994	NL	FLO	FLA	E	5	115	59.0	51	64	...	Florida Marlins	Joe Robbie Stadium	1937467.0	102	103	FLA	FLO	FLO	44.347826	21633000.0
255	1994	NL	HOU	HOU	C	2	115	59.0	66	49	...	Houston Astros	Astrodome	1561136.0	95	94	HOU	HOU	HOU	57.391304	33126000.0
256	1994	NL	LAN	LAD	W	1	114	55.0	58	56	...	Los Angeles Dodgers	Dodger Stadium	2279355.0	94	94	LAD	LAN	LAN	50.877193	38000001.0
257	1994	NL	MON	WSN	E	1	114	52.0	74	40	...	Montreal Expos	Stade Olympique	1276250.0	101	101	MON	MON	MON	64.912281	19098000.0
258	1994	NL	NYN	NYM	E	3	113	53.0	55	58	...	New York Mets	Shea Stadium	1151471.0	99	99	NYM	NYN	NYN	48.672566	30956583.0
259	1994	NL	PHI	PHI	E	4	115	60.0	54	61	...	Philadelphia Phillies	Veterans Stadium	2290971.0	102	102	PHI	PHI	PHI	46.956522	31599000.0
260	1994	NL	PIT	PIT	C	3	114	61.0	53	61	...	Pittsburgh Pirates	Three Rivers Stadium	1222520.0	101	102	PIT	PIT	PIT	46.491228	24217250.0
261	1994	NL	SDN	SDP	W	4	117	57.0	47	70	...	San Diego Padres	Jack Murphy Stadium	953857.0	97	98	SDP	SDN	SDN	40.170940	14916333.0
262	1994	NL	SFN	SFG	W	2	115	60.0	55	60	...	San Francisco Giants	Candlestick Park	1704608.0	94	94	SFG	SFN	SFN	47.826087	42638666.0
263	1994	NL	SLN	STL	C	3	115	56.0	53	61	...	St. Louis Cardinals	Busch Stadium II	1866544.0	98	99	STL	SLN	SLN	46.086957	29275601.0
264	1995	AL	BAL	BAL	E	3	144	72.0	71	73	...	Baltimore Orioles	Oriole Park at Camden Yards	3098475.0	102	101	BAL	BAL	BAL	49.305556	43942521.0
265	1995	AL	BOS	BOS	E	1	144	72.0	86	58	...	Boston Red Sox	Fenway Park II	2164410.0	103	103	BOS	BOS	BOS	59.722222	32455518.0
266	1995	AL	CAL	ANA	W	2	145	72.0	78	67	...	California Angels	Anaheim Stadium	1748680.0	99	99	CAL	CAL	CAL	53.793103	31223171.0
267	1995	AL	CHA	CHW	C	3	145	72.0	68	76	...	Chicago White Sox	Comiskey Park II	1609773.0	96	95	CHW	CHA	CHA	46.896552	46961282.0
268	1995	AL	CLE	CLE	C	1	144	72.0	100	44	...	Cleveland Indians	Jacobs Field	2842745.0	101	99	CLE	CLE	CLE	69.444444	37937835.0
269	1995	AL	DET	DET	E	4	144	72.0	60	84	...	Detroit Tigers	Tiger Stadium	1180979.0	100	101	DET	DET	DET	41.666667	37044168.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamIDlahman45	teamIDdretro	win_percentage	total_payroll
270	1995	AL	KCA	KCR	C	2	144	72.0	70	74	...	Kansas City Royals	Kauffman Stadium	1233530.0	101	101	KCR	KCA	KCA	48.611111	29532834.0
271	1995	AL	MIN	MIN	C	5	144	72.0	56	88	...	Minnesota Twins	Hubert H Humphrey Metrodome	1057667.0	101	102	MIN	MIN	MIN	38.888889	25410500.0
272	1995	AL	ML4	MIL	C	4	144	72.0	65	79	...	Milwaukee Brewers	County Stadium	1087560.0	105	105	MIL	MIL	MIL	45.138889	17798825.0
273	1995	AL	NYA	NYY	E	2	145	73.0	79	65	...	New York Yankees	Yankee Stadium II	1705263.0	99	98	NYY	NYA	NYA	54.482759	48874851.0
274	1995	AL	OAK	OAK	W	4	144	72.0	67	77	...	Oakland Athletics	Oakland Coliseum	1174310.0	91	91	OAK	OAK	OAK	46.527778	37739225.0
275	1995	AL	SEA	SEA	W	1	145	73.0	79	66	...	Seattle Mariners	Kingdome	1643203.0	101	101	SEA	SEA	SEA	54.482759	36481311.0
276	1995	AL	TEX	TEX	W	3	144	72.0	74	70	...	Texas Rangers	The Ballpark at Arlington	1985910.0	103	103	TEX	TEX	TEX	51.388889	34581451.0
277	1995	AL	TOR	TOR	E	5	144	72.0	56	88	...	Toronto Blue Jays	Skydome	2826483.0	99	100	TOR	TOR	TOR	38.888889	50590000.0
278	1995	NL	ATL	ATL	E	1	144	72.0	90	54	...	Atlanta Braves	Atlanta-Fulton County Stadium	2561831.0	103	102	ATL	ATL	ATL	62.500000	47235445.0
279	1995	NL	CHN	CHC	C	3	144	72.0	73	71	...	Chicago Cubs	Wrigley Field	1918265.0	98	98	CHC	CHN	CHN	50.694444	29505834.0
280	1995	NL	CIN	CIN	C	1	144	72.0	85	59	...	Cincinnati Reds	Riverfront Stadium	1837649.0	100	99	CIN	CIN	CIN	59.027778	43144670.0
281	1995	NL	COL	COL	W	2	144	72.0	77	67	...	Colorado Rockies	Coors Field	3390037.0	129	129	COL	COL	COL	53.472222	34154717.0
282	1995	NL	FLO	FLA	E	4	143	71.0	67	76	...	Florida Marlins	Joe Robbie Stadium	1700466.0	101	101	FLA	FLO	FLO	46.853147	24515781.0
283	1995	NL	HOU	HOU	C	2	144	72.0	76	68	...	Houston Astros	Astrodome	1363801.0	93	93	HOU	HOU	HOU	52.777778	34169834.0
284	1995	NL	LAN	LAD	W	1	144	72.0	78	66	...	Los Angeles Dodgers	Dodger Stadium	2766251.0	91	91	LAD	LAN	LAN	54.166667	39273201.0
285	1995	NL	MON	WSN	E	5	144	72.0	66	78	...	Montreal Expos	Stade Olympique	1309618.0	104	103	MON	MON	MON	45.833333	12364000.0
286	1995	NL	NYN	NYM	E	2	144	72.0	69	75	...	New York Mets	Shea Stadium	1273183.0	96	97	NYM	NYN	NYN	47.916667	27674992.0
287	1995	NL	PHI	PHI	E	2	144	72.0	69	75	...	Philadelphia Phillies	Veterans Stadium	2043598.0	100	101	PHI	PHI	PHI	47.916667	30555945.0
288	1995	NL	PIT	PIT	C	5	144	72.0	58	86	...	Pittsburgh Pirates	Three Rivers Stadium	905517.0	102	103	PIT	PIT	PIT	40.277778	18355345.0
289	1995	NL	SDN	SDP	W	3	144	72.0	70	74	...	San Diego Padres	Jack Murphy Stadium	1041805.0	97	97	SDP	SDN	SDN	48.611111	26382334.0
290	1995	NL	SFN	SFG	W	4	144	72.0	67	77	...	San Francisco Giants	Candlestick Park	1241500.0	96	97	SFG	SFN	SFN	46.527778	36462777.0
291	1995	NL	SLN	STL	C	4	143	72.0	62	81	...	St. Louis Cardinals	Busch Stadium II	1756727.0	99	100	STL	SLN	SLN	43.356643	37101000.0
292	1996	AL	BAL	BAL	E	2	163	82.0	88	74	...	Baltimore Orioles	Oriole Park at Camden Yards	3646950.0	100	99	BAL	BAL	BAL	53.987730	54490315.0
293	1996	AL	BOS	BOS	E	3	162	81.0	85	77	...	Boston Red Sox	Fenway Park II	2315231.0	101	101	BOS	BOS	BOS	52.469136	42393500.0
294	1996	AL	CAL	ANA	W	4	161	81.0	70	91	...	California Angels	Anaheim Stadium	1820521.0	98	98	CAL	CAL	CAL	43.478261	28738000.0
295	1996	AL	CHA	CHW	C	2	162	81.0	85	77	...	Chicago White Sox	Comiskey Park II	1676403.0	95	95	CHW	CHA	CHA	52.469136	45139500.0
296	1996	AL	CLE	CLE	C	1	161	80.0	99	62	...	Cleveland Indians	Jacobs Field	3318174.0	99	98	CLE	CLE	CLE	61.490683	48107360.0
297	1996	AL	DET	DET	E	5	162	81.0	53	109	...	Detroit Tigers	Tiger Stadium	1168610.0	100	102	DET	DET	DET	32.716049	23438000.0
298	1996	AL	KCA	KCR	C	5	161	80.0	75	86	...	Kansas City Royals	Kauffman Stadium	1435997.0	99	100	KCR	KCA	KCA	46.583851	20281250.0
299	1996	AL	MIN	MIN	C	4	162	82.0	78	84	...	Minnesota Twins	Hubert H Humphrey Metrodome	1437352.0	101	102	MIN	MIN	MIN	48.148148	23117000.0
300	1996	AL	ML4	MIL	C	3	162	81.0	80	82	...	Milwaukee Brewers	County Stadium	1327155.0	104	104	MIL	MIL	MIL	49.382716	21730000.0
301	1996	AL	NYA	NYY	E	1	162	80.0	92	70	...	New York Yankees	Yankee Stadium II	2250877.0	101	100	NYY	NYA	NYA	56.790123	54191792.0
302	1996	AL	OAK	OAK	W	3	162	81.0	78	84	...	Oakland Athletics	Oakland Coliseum	1148380.0	101	102	OAK	OAK	OAK	48.148148	21243000.0
303	1996	AL	SEA	SEA	W	2	161	81.0	85	76	...	Seattle Mariners	Kingdome	2723850.0	100	99	SEA	SEA	SEA	52.795031	41328501.0
304	1996	AL	TEX	TEX	W	1	163	81.0	90	72	...	Texas Rangers	The Ballpark at Arlington	2889020.0	105	105	TEX	TEX	TEX	55.214724	39041528.0
305	1996	AL	TOR	TOR	E	4	162	81.0	74	88	...	Toronto Blue Jays	Skydome	2559573.0	99	100	TOR	TOR	TOR	45.679012	29555083.0
306	1996	NL	ATL	ATL	E	1	162	81.0	96	66	...	Atlanta Braves	Atlanta-Fulton County Stadium	2901242.0	106	104	ATL	ATL	ATL	59.259259	49698500.0
307	1996	NL	CHN	CHC	C	4	162	81.0	76	86	...	Chicago Cubs	Wrigley Field	2219110.0	103	103	CHC	CHN	CHN	46.913580	33081000.0
308	1996	NL	CIN	CIN	C	3	162	81.0	81	81	...	Cincinnati Reds	Riverfront Stadium	1861428.0	101	101	CIN	CIN	CIN	50.000000	42526334.0
309	1996	NL	COL	COL	W	3	162	81.0	83	79	...	Colorado Rockies	Coors Field	3891014.0	123	124	COL	COL	COL	51.234568	40179823.0
310	1996	NL	FLO	FLA	E	3	162	81.0	80	82	...	Florida Marlins	Joe Robbie Stadium	1746767.0	97	97	FLA	FLO	FLO	49.382716	31022500.0
311	1996	NL	HOU	HOU	C	2	162	81.0	82	80	...	Houston Astros	Astrodome	1975888.0	92	92	HOU	HOU	HOU	50.617284	28487000.0
312	1996	NL	LAN	LAD	W	2	162	81.0	90	72	...	Los Angeles Dodgers	Dodger Stadium	3188454.0	93	92	LAD	LAN	LAN	55.555556	35355000.0
313	1996	NL	MON	WSN	E	2	162	81.0	88	74	...	Montreal Expos	Stade Olympique	1616709.0	102	102	MON	MON	MON	54.320988	16264500.0
314	1996	NL	NYN	NYM	E	4	162	81.0	71	91	...	New York Mets	Shea Stadium	1588323.0	95	95	NYM	NYN	NYN	43.827160	24479500.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
315	1996	NL	PHI	PHI	E	5	162	81.0	67	95	...	Philadelphia Phillies	Veterans Stadium	1801677.0	100	101	PHI	PHI	PHI	41.358025	34314500.0
316	1996	NL	PIT	PIT	C	5	162	80.0	73	89	...	Pittsburgh Pirates	Three Rivers Stadium	1332150.0	104	104	PIT	PIT	PIT	45.061728	23017500.0
317	1996	NL	SDN	SDP	W	1	162	81.0	91	71	...	San Diego Padres	Jack Murphy Stadium	2187886.0	95	95	SDP	SDN	SDN	56.172840	28348172.0
318	1996	NL	SFN	SFG	W	4	162	82.0	68	94	...	San Francisco Giants	Candlestick Park	1413922.0	95	96	SFG	SFN	SFN	41.975309	37144725.0
319	1996	NL	SLN	STL	C	1	162	81.0	88	74	...	St. Louis Cardinals	Busch Stadium II	2654718.0	100	100	STL	SLN	SLN	54.320988	40269667.0
320	1997	AL	ANA	ANA	W	2	162	82.0	84	78	...	Anaheim Angels	Edison International Field	1767330.0	102	102	ANA	ANA	ANA	51.851852	31135472.0
321	1997	AL	BAL	BAL	E	1	162	81.0	98	64	...	Baltimore Orioles	Oriole Park at Camden Yards	3711132.0	97	96	BAL	BAL	BAL	60.493827	58516400.0
322	1997	AL	BOS	BOS	E	4	162	81.0	78	84	...	Boston Red Sox	Fenway Park II	2226136.0	102	102	BOS	BOS	BOS	48.148148	43558750.0
323	1997	AL	CHA	CHW	C	2	161	81.0	80	81	...	Chicago White Sox	Comiskey Park II	1864782.0	96	96	CHW	CHA	CHA	49.689441	57740000.0
324	1997	AL	CLE	CLE	C	1	161	81.0	86	75	...	Cleveland Indians	Jacobs Field	3404750.0	103	102	CLE	CLE	CLE	53.416149	56802460.0
325	1997	AL	DET	DET	E	3	162	81.0	79	83	...	Detroit Tigers	Tiger Stadium	1365157.0	99	100	DET	DET	DET	48.765432	17272000.0
326	1997	AL	KCA	KCR	C	5	161	80.0	67	94	...	Kansas City Royals	Kauffman Stadium	1517638.0	101	102	KCR	KCA	KCA	41.614907	34655000.0
327	1997	AL	MIN	MIN	C	4	162	81.0	68	94	...	Minnesota Twins	Hubert H Humphrey Metrodome	1411064.0	101	101	MIN	MIN	MIN	41.975309	34072500.0
328	1997	AL	ML4	MIL	C	3	161	80.0	78	83	...	Milwaukee Brewers	County Stadium	1444027.0	101	102	MIL	MIL	MIL	48.447205	23655338.0
329	1997	AL	NYA	NYY	E	2	162	80.0	96	66	...	New York Yankees	Yankee Stadium II	2580325.0	100	98	NYY	NYA	NYA	59.259259	62241545.0
330	1997	AL	OAK	OAK	W	4	162	81.0	65	97	...	Oakland Athletics	Oakland Coliseum	1264218.0	96	97	OAK	OAK	OAK	40.123457	24018500.0
331	1997	AL	SEA	SEA	W	1	162	81.0	90	72	...	Seattle Mariners	Kingdome	3192237.0	98	98	SEA	SEA	SEA	55.555556	41540661.0
332	1997	AL	TEX	TEX	W	3	162	81.0	77	85	...	Texas Rangers	The Ballpark at Arlington	2945228.0	105	105	TEX	TEX	TEX	47.530864	53448838.0
333	1997	AL	TOR	TOR	E	5	162	81.0	76	86	...	Toronto Blue Jays	Skydome	2589297.0	99	99	TOR	TOR	TOR	46.913580	47079833.0
334	1997	NL	ATL	ATL	E	1	162	81.0	101	61	...	Atlanta Braves	Turner Field	3464488.0	102	99	ATL	ATL	ATL	62.345679	52278500.0
335	1997	NL	CHN	CHC	C	5	162	81.0	68	94	...	Chicago Cubs	Wrigley Field	2190308.0	102	102	CHC	CHN	CHN	41.975309	42155333.0
336	1997	NL	CIN	CIN	C	3	162	81.0	76	86	...	Cincinnati Reds	Cinergy Field	1785788.0	102	102	CIN	CIN	CIN	46.913580	49768000.0
337	1997	NL	COL	COL	W	3	162	81.0	83	79	...	Colorado Rockies	Coors Field	3888453.0	122	123	COL	COL	COL	51.234568	43559667.0
338	1997	NL	FLO	FLA	E	2	162	81.0	92	70	...	Florida Marlins	Joe Robbie Stadium	2364387.0	95	96	FLA	FLO	FLO	56.790123	48692500.0
339	1997	NL	HOU	HOU	C	1	162	81.0	84	78	...	Houston Astros	Astrodome	2046781.0	96	95	HOU	HOU	HOU	51.851852	34777500.0
340	1997	NL	LAN	LAD	W	2	162	81.0	88	74	...	Los Angeles Dodgers	Dodger Stadium	3319504.0	93	92	LAD	LAN	LAN	54.320988	45380304.0
341	1997	NL	MON	WSN	E	4	162	81.0	78	84	...	Montreal Expos	Stade Olympique	1497609.0	99	99	MON	MON	MON	48.148148	19295500.0
342	1997	NL	NYN	NYM	E	3	162	81.0	88	74	...	New York Mets	Shea Stadium	1766174.0	97	97	NYM	NYN	NYN	54.320988	39800400.0
343	1997	NL	PHI	PHI	E	5	162	81.0	68	94	...	Philadelphia Phillies	Veterans Stadium	1490638.0	100	101	PHI	PHI	PHI	41.975309	36656500.0
344	1997	NL	PIT	PIT	C	2	162	81.0	79	83	...	Pittsburgh Pirates	Three Rivers Stadium	1657022.0	103	103	PIT	PIT	PIT	48.765432	10771667.0
345	1997	NL	SDN	SDP	W	4	162	81.0	76	86	...	San Diego Padres	Qualcomm Stadium	2089333.0	93	93	SDP	SDN	SDN	46.913580	37363672.0
346	1997	NL	SFN	SFG	W	1	162	81.0	90	72	...	San Francisco Giants	3Com Park	1690869.0	98	98	SFG	SFN	SFN	55.555556	35592378.0
347	1997	NL	SLN	STL	C	4	162	81.0	73	89	...	St. Louis Cardinals	Busch Stadium II	2634014.0	99	99	STL	SLN	SLN	45.061728	45456667.0
348	1998	AL	ANA	ANA	W	2	162	81.0	85	77	...	Anaheim Angels	Edison International Field	2519280.0	102	102	ANA	ANA	ANA	52.469136	41281000.0
349	1998	AL	BAL	BAL	E	4	162	81.0	79	83	...	Baltimore Orioles	Oriole Park at Camden Yards	3684650.0	98	97	BAL	BAL	BAL	48.765432	72355634.0
350	1998	AL	BOS	BOS	E	2	162	81.0	92	70	...	Boston Red Sox	Fenway Park II	2314704.0	102	101	BOS	BOS	BOS	56.790123	56757000.0
351	1998	AL	CHA	CHW	C	2	163	81.0	80	82	...	Chicago White Sox	Comiskey Park II	1391146.0	98	98	CHW	CHA	CHA	49.079755	38335000.0
352	1998	AL	CLE	CLE	C	1	162	81.0	89	73	...	Cleveland Indians	Jacobs Field	3467299.0	103	102	CLE	CLE	CLE	54.938272	60800166.0
353	1998	AL	DET	DET	C	5	162	81.0	65	97	...	Detroit Tigers	Tiger Stadium	1409391.0	100	101	DET	DET	DET	40.123457	24065000.0
354	1998	AL	KCA	KCR	C	3	161	80.0	72	89	...	Kansas City Royals	Kauffman Stadium	1494875.0	101	102	KCR	KCA	KCA	44.720497	36862500.0
355	1998	AL	MIN	MIN	C	4	162	81.0	70	92	...	Minnesota Twins	Hubert H Humphrey Metrodome	1165976.0	101	102	MIN	MIN	MIN	43.209877	27927500.0
356	1998	AL	NYA	NYY	E	1	162	81.0	114	48	...	New York Yankees	Yankee Stadium II	2955193.0	97	95	NYY	NYA	NYA	70.370370	66806867.0
357	1998	AL	OAK	OAK	W	4	162	81.0	74	88	...	Oakland Athletics	Oakland Coliseum	1232343.0	96	97	OAK	OAK	OAK	45.679012	21303000.0
358	1998	AL	SEA	SEA	W	3	161	81.0	76	85	...	Seattle Mariners	Kingdome	2651511.0	99	99	SEA	SEA	SEA	47.204969	54087036.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamIDLahman45	teamIDDretro	win_percentage	total_payroll
359	1998	AL	TBA	TBD	E	5	162	81.0	63	99	...	Tampa Bay Devil Rays	Tropicana Field	2506293.0	101	102	TBD	TBA	TBA	38.888889	27280000.0
360	1998	AL	TEX	TEX	W	1	162	81.0	88	74	...	Texas Rangers	The Ballpark at Arlington	2927399.0	104	103	TEX	TEX	TEX	54.320988	56572095.0
361	1998	AL	TOR	TOR	E	3	163	81.0	88	74	...	Toronto Blue Jays	Skydome	2454303.0	100	99	TOR	TOR	TOR	53.987730	51376000.0
362	1998	NL	ARI	ARI	W	5	162	81.0	65	97	...	Arizona Diamondbacks	Bank One Ballpark	3610290.0	100	99	ARI	ARI	ARI	40.123457	32347000.0
363	1998	NL	ATL	ATL	E	1	162	81.0	106	56	...	Atlanta Braves	Turner Field	3360860.0	100	98	ATL	ATL	ATL	65.432099	61186000.0
364	1998	NL	CHN	CHC	C	2	163	82.0	90	73	...	Chicago Cubs	Wrigley Field	2623194.0	103	103	CHC	CHN	CHN	55.214724	50838000.0
365	1998	NL	CIN	CIN	C	4	162	81.0	77	85	...	Cincinnati Reds	Cinergy Field	1793649.0	102	102	CIN	CIN	CIN	47.530864	23005000.0
366	1998	NL	COL	COL	W	4	162	81.0	77	85	...	Colorado Rockies	Coors Field	3792683.0	121	122	COL	COL	COL	47.530864	50484648.0
367	1998	NL	FLO	FLA	E	5	162	81.0	54	108	...	Florida Marlins	Joe Robbie Stadium	1730384.0	94	95	FLA	FLO	FLO	33.333333	41322667.0
368	1998	NL	HOU	HOU	C	1	162	81.0	102	60	...	Houston Astros	Astrodome	2458451.0	98	97	HOU	HOU	HOU	62.962963	42374000.0
369	1998	NL	LAN	LAD	W	3	162	81.0	83	79	...	Los Angeles Dodgers	Dodger Stadium	3089222.0	95	95	LAD	LAN	LAN	51.234568	48820000.0
370	1998	NL	MIL	MIL	C	5	162	81.0	74	88	...	Milwaukee Brewers	County Stadium	1811593.0	100	101	MIL	ML4	MIL	45.679012	33914904.0
371	1998	NL	MON	WSN	E	4	162	81.0	65	97	...	Montreal Expos	Stade Olympique	914909.0	98	99	MON	MON	MON	40.123457	10641500.0
372	1998	NL	NYN	NYM	E	2	162	81.0	88	74	...	New York Mets	Shea Stadium	2287948.0	99	99	NYM	NYN	NYN	54.320988	52077999.0
373	1998	NL	PHI	PHI	E	3	162	81.0	75	87	...	Philadelphia Phillies	Veterans Stadium	1715722.0	102	103	PHI	PHI	PHI	46.296296	36297500.0
374	1998	NL	PIT	PIT	C	6	163	80.0	69	93	...	Pittsburgh Pirates	Three Rivers Stadium	1560950.0	102	103	PIT	PIT	PIT	42.331288	15065000.0
375	1998	NL	SDN	SDP	W	1	162	81.0	98	64	...	San Diego Padres	Qualcomm Stadium	2555874.0	92	92	SDP	SDN	SDN	60.493827	46861500.0
376	1998	NL	SFN	SFG	W	2	163	81.0	89	74	...	San Francisco Giants	3Com Park	1925364.0	95	95	SFG	SFN	SFN	54.601227	42565834.0
377	1998	NL	SLN	STL	C	3	163	82.0	83	79	...	St. Louis Cardinals	Busch Stadium II	3195691.0	100	100	STL	SLN	SLN	50.920245	54672521.0
378	1999	AL	ANA	ANA	W	4	162	81.0	70	92	...	Anaheim Angels	Edison International Field	2253123.0	99	100	ANA	ANA	ANA	43.209877	55388166.0
379	1999	AL	BAL	BAL	E	4	162	81.0	78	84	...	Baltimore Orioles	Oriole Park at Camden Yards	3433150.0	96	96	BAL	BAL	BAL	48.148148	80605863.0
380	1999	AL	BOS	BOS	E	2	162	81.0	94	68	...	Boston Red Sox	Fenway Park II	2446162.0	104	103	BOS	BOS	BOS	58.024691	63497500.0
381	1999	AL	CHA	CHW	C	2	162	81.0	75	86	...	Chicago White Sox	Comiskey Park II	1338851.0	101	101	CHW	CHA	CHA	46.296296	25620000.0
382	1999	AL	CLE	CLE	C	1	162	81.0	97	65	...	Cleveland Indians	Jacobs Field	3468456.0	104	103	CLE	CLE	CLE	59.876543	72978462.0
383	1999	AL	DET	DET	C	3	161	81.0	69	92	...	Detroit Tigers	Tiger Stadium	2026441.0	99	101	DET	DET	DET	42.857143	36489666.0
384	1999	AL	KCA	KCR	C	4	161	80.0	64	97	...	Kansas City Royals	Kauffman Stadium	1506068.0	102	103	KCR	KCA	KCA	39.751553	26225000.0
385	1999	AL	MIN	MIN	C	5	161	81.0	63	97	...	Minnesota Twins	Hubert H Humphrey Metrodome	1202829.0	103	104	MIN	MIN	MIN	39.130435	21257500.0
386	1999	AL	NYA	NYY	E	1	162	81.0	98	64	...	New York Yankees	Yankee Stadium II	3292736.0	98	97	NYY	NYA	NYA	60.493827	86734359.0
387	1999	AL	OAK	OAK	W	2	162	81.0	87	75	...	Oakland Athletics	Oakland Coliseum	1434610.0	94	94	OAK	OAK	OAK	53.703704	24431833.0
388	1999	AL	SEA	SEA	W	3	162	81.0	79	83	...	Seattle Mariners	Kingdome / Safeco Field	2916346.0	102	103	SEA	SEA	SEA	48.765432	54125003.0
389	1999	AL	TBA	TBD	E	5	162	81.0	69	93	...	Tampa Bay Devil Rays	Tropicana Field	1562827.0	100	102	TBD	TBA	TBA	42.592593	38870000.0
390	1999	AL	TEX	TEX	W	1	162	81.0	95	67	...	Texas Rangers	The Ballpark at Arlington	2771469.0	105	105	TEX	TEX	TEX	58.641975	76709931.0
391	1999	AL	TOR	TOR	E	3	162	81.0	84	78	...	Toronto Blue Jays	Skydome	2163464.0	101	101	TOR	TOR	TOR	51.851852	45444333.0
392	1999	NL	ARI	ARI	W	1	162	81.0	100	62	...	Arizona Diamondbacks	Bank One Ballpark	3019654.0	101	101	ARI	ARI	ARI	61.728395	68703999.0
393	1999	NL	ATL	ATL	E	1	162	81.0	103	59	...	Atlanta Braves	Turner Field	3284897.0	100	98	ATL	ATL	ATL	63.580247	73140000.0
394	1999	NL	CHN	CHC	C	6	162	81.0	67	95	...	Chicago Cubs	Wrigley Field	2813854.0	97	98	CHC	CHN	CHN	41.358025	62343000.0
395	1999	NL	CIN	CIN	C	2	163	82.0	96	67	...	Cincinnati Reds	Cinergy Field	2061222.0	103	103	CIN	CIN	CIN	58.895706	33962761.0
396	1999	NL	COL	COL	W	5	162	81.0	72	90	...	Colorado Rockies	Coors Field	3481065.0	127	127	COL	COL	COL	44.444444	61935837.0
397	1999	NL	FLO	FLA	E	5	162	80.0	64	98	...	Florida Marlins	Pro Player Stadium	1369421.0	93	95	FLA	FLO	FLO	39.506173	21085000.0
398	1999	NL	HOU	HOU	C	1	162	82.0	97	65	...	Houston Astros	Astrodome	2706017.0	100	98	HOU	HOU	HOU	59.876543	54914000.0
399	1999	NL	LAN	LAD	W	3	162	81.0	77	85	...	Los Angeles Dodgers	Dodger Stadium	3095346.0	95	94	LAD	LAN	LAN	47.530864	80862453.0
400	1999	NL	MIL	MIL	C	5	161	80.0	74	87	...	Milwaukee Brewers	County Stadium	1701796.0	99	99	MIL	ML4	MIL	45.962733	43377395.0
401	1999	NL	MON	WSN	E	4	162	81.0	68	94	...	Montreal Expos	Stade Olympique	773277.0	97	98	MON	MON	MON	41.975309	17903000.0
402	1999	NL	NYN	NYM	E	2	163	81.0	97	66	...	New York Mets	Shea Stadium	2725668.0	98	97	NYM	NYN	NYN	59.509202	65092092.0
403	1999	NL	PHI	PHI	E	3	162	81.0	77	85	...	Philadelphia Phillies	Veterans Stadium	1825337.0	105	105	PHI	PHI	PHI	47.530864	31692500.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
404	1999	NL	PIT	PIT	C	3	161	81.0	78	83	...	Pittsburgh Pirates	Three Rivers Stadium	1638023.0	101	101	PIT	PIT	PIT	48.447205	24697666.0
405	1999	NL	SDN	SDP	W	4	162	81.0	74	88	...	San Diego Padres	Qualcomm Stadium	2523538.0	92	92	SDP	SDN	SDN	45.679012	49768179.0
406	1999	NL	SFN	SFG	W	2	162	81.0	86	76	...	San Francisco Giants	3Com Park	2078399.0	95	94	SFG	SFN	SFN	53.086420	46595057.0
407	1999	NL	SLN	STL	C	4	161	80.0	75	86	...	St. Louis Cardinals	Busch Stadium II	3225334.0	101	101	STL	SLN	SLN	46.583851	49778195.0
408	2000	AL	ANA	ANA	W	3	162	81.0	82	80	...	Anaheim Angels	Edison International Field	2066982.0	102	103	ANA	ANA	ANA	50.617284	51464167.0
409	2000	AL	BAL	BAL	E	4	162	81.0	74	88	...	Baltimore Orioles	Oriole Park at Camden Yards	3297031.0	95	96	BAL	BAL	BAL	45.679012	81447435.0
410	2000	AL	BOS	BOS	E	2	162	81.0	85	77	...	Boston Red Sox	Fenway Park II	2585895.0	104	103	BOS	BOS	BOS	52.469136	77940333.0
411	2000	AL	CHA	CHW	C	1	162	81.0	95	67	...	Chicago White Sox	Comiskey Park II	1947799.0	102	102	CHW	CHA	CHA	58.641975	31133500.0
412	2000	AL	CLE	CLE	C	2	162	81.0	90	72	...	Cleveland Indians	Jacobs Field	3456278.0	101	100	CLE	CLE	CLE	55.555556	75880771.0
413	2000	AL	DET	DET	C	3	162	81.0	79	83	...	Detroit Tigers	Comerica Park	2438617.0	95	95	DET	DET	DET	48.765432	58265167.0
414	2000	AL	KCA	KCR	C	4	162	81.0	77	85	...	Kansas City Royals	Kauffman Stadium	1564847.0	103	103	KCR	KCA	KCA	47.530864	23433000.0
415	2000	AL	MIN	MIN	C	5	162	81.0	69	93	...	Minnesota Twins	Hubert H Humphrey Metrodome	1000760.0	104	105	MIN	MIN	MIN	42.592593	16519500.0
416	2000	AL	NYA	NYN	E	1	161	80.0	87	74	...	New York Yankees	Yankee Stadium II	3055435.0	99	98	NYN	NYA	NYA	54.037267	92338260.0
417	2000	AL	OAK	OAK	W	1	161	81.0	91	70	...	Oakland Athletics	Oakland Coliseum	1603744.0	96	95	OAK	OAK	OAK	56.521739	31971333.0
418	2000	AL	SEA	SEA	W	2	162	81.0	91	71	...	Seattle Mariners	Safeco Field	2914624.0	95	93	SEA	SEA	SEA	56.172840	58915000.0
419	2000	AL	TBA	TBD	E	5	161	80.0	69	92	...	Tampa Bay Devil Rays	Tropicana Field	1449673.0	99	100	TBD	TBA	TBA	42.857143	62765129.0
420	2000	AL	TEX	TEX	W	4	162	81.0	71	91	...	Texas Rangers	The Ballpark at Arlington	2588401.0	102	102	TEX	TEX	TEX	43.827160	70795921.0
421	2000	AL	TOR	TOR	E	3	162	81.0	83	79	...	Toronto Blue Jays	Skydome	1705712.0	103	103	TOR	TOR	TOR	51.234568	44838332.0
422	2000	NL	ARI	ARI	W	3	162	81.0	85	77	...	Arizona Diamondbacks	Bank One Ballpark	2942251.0	105	103	ARI	ARI	ARI	52.469136	81027833.0
423	2000	NL	ATL	ATL	E	1	162	81.0	95	67	...	Atlanta Braves	Turner Field	3234304.0	101	99	ATL	ATL	ATL	58.641975	84537836.0
424	2000	NL	CHN	CHC	C	6	162	81.0	65	97	...	Chicago Cubs	Wrigley Field	2789511.0	97	98	CHC	CHN	CHN	40.123457	60539333.0
425	2000	NL	CIN	CIN	C	2	163	82.0	85	77	...	Cincinnati Reds	Cinergy Field	2577371.0	102	102	CIN	CIN	CIN	52.147239	46867200.0
426	2000	NL	COL	COL	W	4	162	81.0	82	80	...	Colorado Rockies	Coors Field	3295129.0	125	125	COL	COL	COL	50.617284	61111190.0
427	2000	NL	FLO	FLA	E	3	161	81.0	79	82	...	Florida Marlins	Pro Player Stadium	1218326.0	94	95	FLA	FLO	FLO	49.068323	19872000.0
428	2000	NL	HOU	HOU	C	4	162	81.0	72	90	...	Houston Astros	Enron Field	3056139.0	107	107	HOU	HOU	HOU	44.444444	51289111.0
429	2000	NL	LAN	LAD	W	2	162	81.0	86	76	...	Los Angeles Dodgers	Dodger Stadium	2880242.0	94	94	LAD	LAN	LAN	53.086420	87924286.0
430	2000	NL	MIL	MIL	C	3	163	81.0	73	89	...	Milwaukee Brewers	County Stadium	1573621.0	97	98	MIL	ML4	MIL	44.785276	36505333.0
431	2000	NL	MON	WSN	E	4	162	81.0	67	95	...	Montreal Expos	Stade Olympique	926272.0	103	104	MON	MON	MON	41.358025	32994333.0
432	2000	NL	NYN	NYM	E	2	162	81.0	94	68	...	New York Mets	Shea Stadium	2820530.0	96	96	NYM	NYN	NYN	58.024691	79509776.0
433	2000	NL	PHI	PHI	E	5	162	81.0	65	97	...	Philadelphia Phillies	Veterans Stadium	1612769.0	100	101	PHI	PHI	PHI	40.123457	47308000.0
434	2000	NL	PIT	PIT	C	5	162	81.0	69	93	...	Pittsburgh Pirates	Three Rivers Stadium	1748908.0	99	100	PIT	PIT	PIT	42.592593	28928334.0
435	2000	NL	SDN	SDP	W	5	162	81.0	76	86	...	San Diego Padres	Qualcomm Stadium	2352443.0	92	92	SDP	SDN	SDN	46.913580	54821000.0
436	2000	NL	SFN	SFG	W	1	162	81.0	97	65	...	San Francisco Giants	PacBell Park	3318800.0	93	92	SFG	SFN	SFN	59.876543	53737826.0
437	2000	NL	SLN	STL	C	1	162	81.0	95	67	...	St. Louis Cardinals	Busch Stadium II	3336493.0	102	101	STL	SLN	SLN	58.641975	61453863.0
438	2001	AL	ANA	ANA	W	3	162	81.0	75	87	...	Anaheim Angels	Edison International Field	2000919.0	101	101	ANA	ANA	ANA	46.296296	47535167.0
439	2001	AL	BAL	BAL	E	4	162	80.0	63	98	...	Baltimore Orioles	Oriole Park at Camden Yards	3094841.0	95	96	BAL	BAL	BAL	38.888889	67599540.0
440	2001	AL	BOS	BOS	E	2	161	81.0	82	79	...	Boston Red Sox	Fenway Park II	2625333.0	102	101	BOS	BOS	BOS	50.931677	110035833.0
441	2001	AL	CHA	CHW	C	3	162	81.0	83	79	...	Chicago White Sox	Comiskey Park II	1766172.0	104	103	CHW	CHA	CHA	51.234568	65653667.0
442	2001	AL	CLE	CLE	C	1	162	80.0	91	71	...	Cleveland Indians	Jacobs Field	3175523.0	100	100	CLE	CLE	CLE	56.172840	93152001.0
443	2001	AL	DET	DET	C	4	162	81.0	66	96	...	Detroit Tigers	Comerica Park	1921305.0	93	95	DET	DET	DET	40.740741	53416167.0
444	2001	AL	KCA	KCR	C	5	162	81.0	65	97	...	Kansas City Royals	Kauffman Stadium	1536371.0	107	108	KCR	KCA	KCA	40.123457	35422500.0
445	2001	AL	MIN	MIN	C	2	162	81.0	85	77	...	Minnesota Twins	Hubert H Humphrey Metrodome	1782929.0	102	102	MIN	MIN	MIN	52.469136	24130000.0
446	2001	AL	NYA	NYN	E	1	161	80.0	95	65	...	New York Yankees	Yankee Stadium II	3264907.0	102	100	NYN	NYA	NYA	59.006211	112287143.0
447	2001	AL	OAK	OAK	W	2	162	81.0	102	60	...	Oakland Athletics	Oakland Coliseum	2133277.0	99	97	OAK	OAK	OAK	62.962963	33810750.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
448	2001	AL	SEA	SEA	W	1	162	81.0	116	46	...	Seattle Mariners	Safeco Field	3507326.0	94	93	SEA	SEA	SEA	71.604938	74720834.0
449	2001	AL	TBA	TBD	E	5	162	81.0	62	100	...	Tampa Bay Devil Rays	Tropicana Field	1298365.0	98	100	TBD	TBA	TBA	38.271605	56980000.0
450	2001	AL	TEX	TEX	W	4	162	82.0	73	89	...	Texas Rangers	The Ballpark at Arlington	2831021.0	104	105	TEX	TEX	TEX	45.061728	88633500.0
451	2001	AL	TOR	TOR	E	3	162	82.0	80	82	...	Toronto Blue Jays	Skydome	1915438.0	102	103	TOR	TOR	TOR	49.382716	76895999.0
452	2001	NL	ARI	ARI	W	1	162	81.0	92	70	...	Arizona Diamondbacks	Bank One Ballpark	2736451.0	108	107	ARI	ARI	ARI	56.790123	85082999.0
453	2001	NL	ATL	ATL	E	1	162	81.0	88	74	...	Atlanta Braves	Turner Field	2823530.0	103	102	ATL	ATL	ATL	54.320988	91936166.0
454	2001	NL	CHN	CHC	C	3	162	81.0	88	74	...	Chicago Cubs	Wrigley Field	2779465.0	95	95	CHC	CHN	CHN	54.320988	64715833.0
455	2001	NL	CIN	CIN	C	5	162	81.0	66	96	...	Cincinnati Reds	Cinergy Field	1879757.0	105	105	CIN	CIN	CIN	40.740741	48986000.0
456	2001	NL	COL	COL	W	5	162	81.0	73	89	...	Colorado Rockies	Coors Field	3166821.0	122	122	COL	COL	COL	45.061728	71541334.0
457	2001	NL	FLO	FLA	E	4	162	80.0	76	86	...	Florida Marlins	Pro Player Stadium	1261226.0	97	97	FLA	FLO	FLO	46.913580	35762500.0
458	2001	NL	HOU	HOU	C	1	162	81.0	93	69	...	Houston Astros	Enron Field	2904277.0	107	106	HOU	HOU	HOU	57.407407	60612667.0
459	2001	NL	LAN	LAD	W	3	162	81.0	86	76	...	Los Angeles Dodgers	Dodger Stadium	3017143.0	92	91	LAD	LAN	LAN	53.086420	109105953.0
460	2001	NL	MIL	MIL	C	4	162	81.0	68	94	...	Milwaukee Brewers	Miller Park	2811041.0	98	99	MIL	ML4	MIL	41.975309	43886833.0
461	2001	NL	MON	WSN	E	5	162	81.0	68	94	...	Montreal Expos	Stade Olympique	642745.0	101	102	MON	MON	MON	41.975309	35159500.0
462	2001	NL	NYN	NYM	E	3	162	81.0	82	80	...	New York Mets	Shea Stadium	2658330.0	96	96	NYM	NYN	NYN	50.617284	93174428.0
463	2001	NL	PHI	PHI	E	2	162	81.0	86	76	...	Philadelphia Phillies	Veterans Stadium	1782054.0	98	98	PHI	PHI	PHI	53.086420	41663833.0
464	2001	NL	PIT	PIT	C	6	162	81.0	62	100	...	Pittsburgh Pirates	PNC Park	2464870.0	103	105	PIT	PIT	PIT	38.271605	57760833.0
465	2001	NL	SDN	SDP	W	4	162	81.0	79	83	...	San Diego Padres	Qualcomm Stadium	2378128.0	91	92	SDP	SDN	SDN	48.765432	39182833.0
466	2001	NL	SFN	SFG	W	2	162	81.0	90	72	...	San Francisco Giants	PacBell Park	3311958.0	93	92	SFG	SFN	SFN	55.555556	63280167.0
467	2001	NL	SLN	STL	C	2	162	82.0	93	69	...	St. Louis Cardinals	Busch Stadium II	3109578.0	100	99	STL	SLN	SLN	57.407407	78538333.0
468	2002	AL	ANA	ANA	W	2	162	81.0	99	63	...	Anaheim Angels	Edison International Field	2305547.0	100	99	ANA	ANA	ANA	61.111111	61721667.0
469	2002	AL	BAL	BAL	E	4	162	81.0	67	95	...	Baltimore Orioles	Oriole Park at Camden Yards	2682439.0	95	96	BAL	BAL	BAL	41.358025	60493487.0
470	2002	AL	BOS	BOS	E	2	162	81.0	93	69	...	Boston Red Sox	Fenway Park II	2650862.0	103	102	BOS	BOS	BOS	57.407407	108366060.0
471	2002	AL	CHA	CHW	C	2	162	81.0	81	81	...	Chicago White Sox	Comiskey Park II	1676911.0	102	101	CHW	CHA	CHA	50.000000	57052833.0
472	2002	AL	CLE	CLE	C	3	162	81.0	74	88	...	Cleveland Indians	Jacobs Field	2616940.0	97	98	CLE	CLE	CLE	45.679012	78909449.0
473	2002	AL	DET	DET	C	5	161	80.0	55	106	...	Detroit Tigers	Comerica Park	1503623.0	92	95	DET	DET	DET	34.161491	55048000.0
474	2002	AL	KCA	KCR	C	4	162	77.0	62	100	...	Kansas City Royals	Kauffman Stadium	1323036.0	110	111	KCR	KCA	KCA	38.271605	47257000.0
475	2002	AL	MIN	MIN	C	1	161	81.0	94	67	...	Minnesota Twins	Hubert H Humphrey Metrodome	1924473.0	100	100	MIN	MIN	MIN	58.385093	40425000.0
476	2002	AL	NYA	NYN	E	1	161	80.0	103	58	...	New York Yankees	Yankee Stadium II	3465807.0	100	99	NYN	NYA	NYA	63.975155	125928583.0
477	2002	AL	OAK	OAK	W	1	162	81.0	103	59	...	Oakland Athletics	Oakland Coliseum	2169811.0	98	97	OAK	OAK	OAK	63.580247	40004167.0
478	2002	AL	SEA	SEA	W	3	162	81.0	93	69	...	Seattle Mariners	Safeco Field	3542938.0	97	95	SEA	SEA	SEA	57.407407	80282668.0
479	2002	AL	TBA	TBD	E	5	161	81.0	55	106	...	Tampa Bay Devil Rays	Tropicana Field	1065742.0	97	99	TBD	TBA	TBA	34.161491	34380000.0
480	2002	AL	TEX	TEX	W	4	162	80.0	72	90	...	Texas Rangers	The Ballpark at Arlington	2352397.0	106	107	TEX	TEX	TEX	44.444444	105526122.0
481	2002	AL	TOR	TOR	E	3	162	81.0	78	84	...	Toronto Blue Jays	Skydome	1637900.0	104	104	TOR	TOR	TOR	48.148148	76864333.0
482	2002	NL	ARI	ARI	W	1	162	81.0	98	64	...	Arizona Diamondbacks	Bank One Ballpark	3198977.0	111	111	ARI	ARI	ARI	60.493827	102819999.0
483	2002	NL	ATL	ATL	E	1	161	81.0	101	59	...	Atlanta Braves	Turner Field	2603484.0	102	101	ATL	ATL	ATL	62.732919	92870367.0
484	2002	NL	CHN	CHC	C	5	162	78.0	67	95	...	Chicago Cubs	Wrigley Field	2693096.0	98	98	CHC	CHN	CHN	41.358025	75690833.0
485	2002	NL	CIN	CIN	C	3	162	80.0	78	84	...	Cincinnati Reds	Cinergy Field	1855787.0	104	105	CIN	CIN	CIN	48.148148	45050390.0
486	2002	NL	COL	COL	W	4	162	81.0	73	89	...	Colorado Rockies	Coors Field	2737838.0	116	116	COL	COL	COL	45.061728	56851043.0
487	2002	NL	FLO	FLA	E	4	162	81.0	79	83	...	Florida Marlins	Pro Player Stadium	813118.0	97	98	FLA	FLO	FLO	48.765432	41979917.0
488	2002	NL	HOU	HOU	C	2	162	81.0	84	78	...	Houston Astros	Minute Maid Park	2517357.0	106	105	HOU	HOU	HOU	51.851852	63448417.0
489	2002	NL	LAN	LAD	W	3	162	81.0	92	70	...	Los Angeles Dodgers	Dodger Stadium	3131255.0	92	92	LAD	LAN	LAN	56.790123	94850953.0
490	2002	NL	MIL	MIL	C	6	162	81.0	56	106	...	Milwaukee Brewers	Miller Park	1969153.0	98	99	MIL	ML4	MIL	34.567901	50287833.0
491	2002	NL	MON	WSN	E	2	162	81.0	83	79	...	Montreal Expos	Stade Olympique	812045.0	103	103	MON	MON	MON	51.234568	38670500.0
492	2002	NL	NYN	NYM	E	5	161	78.0	75	86	...	New York Mets	Shea Stadium	2804838.0	97	97	NYM	NYN	NYN	46.583851	94633593.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDiahman45	teamIDreto	win_percentage	total_payroll
493	2002	NL	PHI	PHI	E	3	161	79.0	80	81	...	Philadelphia Phillies	Veterans Stadium	1618467.0	94	94	PHI	PHI	PHI	49.689441	57954999.0
494	2002	NL	PIT	PIT	C	4	161	79.0	72	89	...	Pittsburgh Pirates	PNC Park	1784988.0	102	103	PIT	PIT	PIT	44.720497	42323599.0
495	2002	NL	SDN	SDP	W	5	162	81.0	66	96	...	San Diego Padres	Qualcomm Stadium	2220601.0	90	91	SDP	SDN	SDN	40.740741	41425000.0
496	2002	NL	SFN	SFG	W	2	162	81.0	95	66	...	San Francisco Giants	PacBell Park	3253203.0	95	94	SFG	SFN	SFN	58.641975	78299835.0
497	2002	NL	SLN	STL	C	1	162	81.0	97	65	...	St. Louis Cardinals	Busch Stadium II	3011756.0	98	97	STL	SLN	SLN	59.876543	74660875.0
498	2003	AL	ANA	ANA	W	3	162	82.0	77	85	...	Anaheim Angels	Edison International Field	3061094.0	98	97	ANA	ANA	ANA	47.530864	79031667.0
499	2003	AL	BAL	BAL	E	4	163	81.0	71	91	...	Baltimore Orioles	Oriole Park at Camden Yards	2454523.0	99	99	BAL	BAL	BAL	43.558282	73877500.0
500	2003	AL	BOS	BOS	E	2	162	81.0	95	67	...	Boston Red Sox	Fenway Park II	2724165.0	105	103	BOS	BOS	BOS	58.641975	99946500.0
501	2003	AL	CHA	CHW	C	2	162	81.0	86	76	...	Chicago White Sox	U.S. Cellular Field	1939524.0	102	102	CHW	CHA	CHA	53.086420	51010000.0
502	2003	AL	CLE	CLE	C	4	162	81.0	68	94	...	Cleveland Indians	Jacobs Field	1730002.0	96	97	CLE	CLE	CLE	41.975309	48584834.0
503	2003	AL	DET	DET	C	5	162	81.0	43	119	...	Detroit Tigers	Comerica Park	1368245.0	93	95	DET	DET	DET	26.543210	49168000.0
504	2003	AL	KCA	KCR	C	3	162	80.0	83	79	...	Kansas City Royals	Kauffman Stadium	1779895.0	107	108	KCR	KCA	KCA	51.234568	40518000.0
505	2003	AL	MIN	MIN	C	1	162	81.0	90	72	...	Minnesota Twins	Hubert H Humphrey Metrodome	1946011.0	101	100	MIN	MIN	MIN	55.555556	55505000.0
506	2003	AL	NYA	NYY	E	1	163	82.0	101	61	...	New York Yankees	Yankee Stadium II	3465600.0	98	97	NYY	NYA	NYA	61.963190	152749814.0
507	2003	AL	OAK	OAK	W	1	162	81.0	96	66	...	Oakland Athletics	Oakland Coliseum	2216596.0	99	98	OAK	OAK	OAK	59.259259	50260834.0
508	2003	AL	SEA	SEA	W	2	162	81.0	93	69	...	Seattle Mariners	Safeco Field	3268509.0	95	95	SEA	SEA	SEA	57.407407	86959167.0
509	2003	AL	TBA	TBD	E	5	162	81.0	63	99	...	Tampa Bay Devil Rays	Tropicana Field	1058695.0	95	97	TBD	TBA	TBA	38.888889	19630000.0
510	2003	AL	TEX	TEX	W	4	162	81.0	71	91	...	Texas Rangers	The Ballpark at Arlington	2094394.0	111	111	TEX	TEX	TEX	43.827160	103491667.0
511	2003	AL	TOR	TOR	E	3	162	81.0	86	76	...	Toronto Blue Jays	Skydome	1799458.0	104	104	TOR	TOR	TOR	53.086420	51269000.0
512	2003	NL	ARI	ARI	W	3	162	81.0	84	78	...	Arizona Diamondbacks	Bank One Ballpark	2805542.0	108	109	ARI	ARI	ARI	51.851852	80657000.0
513	2003	NL	ATL	ATL	E	1	162	81.0	101	61	...	Atlanta Braves	Turner Field	2401084.0	101	100	ATL	ATL	ATL	62.345679	106243667.0
514	2003	NL	CHN	CHC	C	1	162	81.0	88	74	...	Chicago Cubs	Wrigley Field	2962630.0	101	101	CHC	CHN	CHN	54.320988	79868333.0
515	2003	NL	CIN	CIN	C	5	162	81.0	69	93	...	Cincinnati Reds	Great American Ball Park	2355259.0	95	96	CIN	CIN	CIN	42.592593	59355667.0
516	2003	NL	COL	COL	W	4	162	81.0	74	88	...	Colorado Rockies	Coors Field	2334085.0	115	116	COL	COL	COL	45.679012	67179667.0
517	2003	NL	FLO	FLA	E	2	162	81.0	91	71	...	Florida Marlins	Pro Player Stadium	1303215.0	98	98	FLA	FLO	FLO	56.172840	49450000.0
518	2003	NL	HOU	HOU	C	2	162	81.0	87	75	...	Houston Astros	Minute Maid Park	2454241.0	103	102	HOU	HOU	HOU	53.703704	71040000.0
519	2003	NL	LAN	LAD	W	2	162	81.0	85	77	...	Los Angeles Dodgers	Dodger Stadium	3138626.0	94	94	LAD	LAN	LAN	52.469136	105572620.0
520	2003	NL	MIL	MIL	C	6	162	81.0	68	94	...	Milwaukee Brewers	Miller Park	1700354.0	98	100	MIL	ML4	MIL	41.975309	40627000.0
521	2003	NL	MON	WSN	E	4	162	81.0	83	79	...	Montreal Expos	Stade Olympique/Hiram Bithorn Stadium	1025639.0	105	105	MON	MON	MON	51.234568	51948500.0
522	2003	NL	NYN	NYM	E	5	161	80.0	66	95	...	New York Mets	Shea Stadium	2140599.0	97	98	NYM	NYN	NYN	40.993789	116876429.0
523	2003	NL	PHI	PHI	E	3	162	81.0	86	76	...	Philadelphia Phillies	Veterans Stadium	2259948.0	93	93	PHI	PHI	PHI	53.086420	70780000.0
524	2003	NL	PIT	PIT	C	4	162	81.0	75	87	...	Pittsburgh Pirates	PNC Park	1636751.0	102	102	PIT	PIT	PIT	46.296296	54812429.0
525	2003	NL	SDN	SDP	W	5	162	81.0	64	98	...	San Diego Padres	Qualcomm Stadium	2030084.0	91	92	SDP	SDN	SDN	39.506173	45210000.0
526	2003	NL	SFN	SFG	W	1	161	81.0	100	61	...	San Francisco Giants	PacBell Park	3264898.0	99	98	SFG	SFN	SFN	62.111801	82852167.0
527	2003	NL	SLN	STL	C	3	162	81.0	85	77	...	St. Louis Cardinals	Busch Stadium II	2910386.0	97	96	STL	SLN	SLN	52.469136	83786666.0
528	2004	AL	ANA	ANA	W	1	162	81.0	92	70	...	Anaheim Angels	Angels Stadium of Anaheim	3375677.0	97	97	ANA	ANA	ANA	56.790123	100534667.0
529	2004	AL	BAL	BAL	E	3	162	81.0	78	84	...	Baltimore Orioles	Oriole Park at Camden Yards	2744018.0	98	99	BAL	BAL	BAL	48.148148	51623333.0
530	2004	AL	BOS	BOS	E	2	162	81.0	98	64	...	Boston Red Sox	Fenway Park II	2837294.0	106	105	BOS	BOS	BOS	60.493827	127298500.0
531	2004	AL	CHA	CHW	C	2	162	81.0	83	79	...	Chicago White Sox	U.S. Cellular Field	1930537.0	102	102	CHW	CHA	CHA	51.234568	65212500.0
532	2004	AL	CLE	CLE	C	3	162	81.0	80	82	...	Cleveland Indians	Jacobs Field	1814401.0	94	94	CLE	CLE	CLE	49.382716	34319300.0
533	2004	AL	DET	DET	C	4	162	81.0	72	90	...	Detroit Tigers	Comerica Park	1917004.0	95	96	DET	DET	DET	44.444444	46832000.0
534	2004	AL	KCA	KCR	C	5	162	80.0	58	104	...	Kansas City Royals	Kauffman Stadium	1661478.0	102	103	KCR	KCA	KCA	35.802469	47609000.0
535	2004	AL	MIN	MIN	C	1	162	81.0	92	70	...	Minnesota Twins	Hubert H Humphrey Metrodome	1911490.0	103	102	MIN	MIN	MIN	56.790123	53585000.0
536	2004	AL	NYA	NYY	E	1	162	81.0	101	61	...	New York Yankees	Yankee Stadium II	3775292.0	98	97	NYY	NYA	NYA	62.345679	184193950.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDiahman45	teamDrethro	win_percentage	total_payroll
537	2004	AL	OAK	OAK	W	2	162	81.0	91	71	...	Oakland Athletics	Network Associates Coliseum	2201516.0	99	98	OAK	OAK	OAK	56.172840	59425667.0
538	2004	AL	SEA	SEA	W	4	162	82.0	63	99	...	Seattle Mariners	Safeco Field	2940731.0	97	98	SEA	SEA	SEA	38.888889	81515834.0
539	2004	AL	TBA	TBD	E	4	161	80.0	70	91	...	Tampa Bay Devil Rays	Tropicana Field	1274911.0	96	98	TBD	TBA	TBA	43.478261	29556667.0
540	2004	AL	TEX	TEX	W	3	162	81.0	89	73	...	Texas Rangers	The Ballpark at Arlington	2513685.0	108	109	TEX	TEX	TEX	54.938272	55050417.0
541	2004	AL	TOR	TOR	E	5	161	81.0	67	94	...	Toronto Blue Jays	Skydome	1900041.0	104	104	TOR	TOR	TOR	41.614907	50017000.0
542	2004	NL	ARI	ARI	W	5	162	81.0	51	111	...	Arizona Diamondbacks	Bank One Ballpark	2519560.0	105	107	ARI	ARI	ARI	31.481481	69780750.0
543	2004	NL	ATL	ATL	E	1	162	81.0	96	66	...	Atlanta Braves	Turner Field	2327565.0	101	100	ATL	ATL	ATL	59.259259	90182500.0
544	2004	NL	CHN	CHC	C	3	162	82.0	89	73	...	Chicago Cubs	Wrigley Field	3170154.0	103	102	CHC	CHN	CHN	54.938272	90560000.0
545	2004	NL	CIN	CIN	C	4	162	81.0	76	86	...	Cincinnati Reds	Great American Ball Park	2287250.0	98	99	CIN	CIN	CIN	46.913580	46615250.0
546	2004	NL	COL	COL	W	4	162	81.0	68	94	...	Colorado Rockies	Coors Field	2338069.0	113	114	COL	COL	COL	41.975309	65445167.0
547	2004	NL	FLO	FLA	E	3	162	80.0	83	79	...	Florida Marlins	Pro Player Stadium	1723105.0	95	95	FLA	FLO	FLO	51.234568	42143042.0
548	2004	NL	HOU	HOU	C	2	162	81.0	92	70	...	Houston Astros	Minute Maid Park	3087872.0	102	101	HOU	HOU	HOU	56.790123	75397000.0
549	2004	NL	LAN	LAD	W	1	162	81.0	93	69	...	Los Angeles Dodgers	Dodger Stadium	3488283.0	95	95	LAD	LAN	LAN	57.407407	92902001.0
550	2004	NL	MIL	MIL	C	6	161	81.0	67	94	...	Milwaukee Brewers	Miller Park	2062382.0	100	101	MIL	ML4	MIL	41.614907	27528500.0
551	2004	NL	MON	WSN	E	5	162	80.0	67	95	...	Montreal Expos	Stade Olympique/Hiram Bithorn Stadium	749550.0	105	105	MON	MON	MON	41.358025	40897500.0
552	2004	NL	NYN	NYM	E	4	162	81.0	71	91	...	New York Mets	Shea Stadium	2318951.0	99	99	NYM	NYN	NYN	43.827160	96660970.0
553	2004	NL	PHI	PHI	E	2	162	81.0	86	76	...	Philadelphia Phillies	Citizens Bank Park	3250092.0	105	104	PHI	PHI	PHI	53.086420	92919167.0
554	2004	NL	PIT	PIT	C	5	161	80.0	72	89	...	Pittsburgh Pirates	PNC Park	1580031.0	99	100	PIT	PIT	PIT	44.720497	32227929.0
555	2004	NL	SDN	SDP	W	3	162	81.0	87	75	...	San Diego Padres	Petco Park	3016752.0	90	90	SDP	SDN	SDN	53.703704	55384833.0
556	2004	NL	SFN	SFG	W	2	162	82.0	91	71	...	San Francisco Giants	SBC Park	3256854.0	101	101	SFG	SFN	SFN	56.172840	82019166.0
557	2004	NL	SLN	STL	C	1	162	81.0	105	57	...	St. Louis Cardinals	Busch Stadium II	3048427.0	100	99	STL	SLN	SLN	64.814815	83228333.0
558	2005	AL	BAL	BAL	E	4	162	81.0	74	88	...	Baltimore Orioles	Oriole Park at Camden Yards	2624740.0	99	99	BAL	BAL	BAL	45.679012	73914333.0
559	2005	AL	BOS	BOS	E	2	162	81.0	95	67	...	Boston Red Sox	Fenway Park II	2847888.0	104	104	BOS	BOS	BOS	58.641975	123505125.0
560	2005	AL	CHA	CHW	C	1	162	81.0	99	63	...	Chicago White Sox	U.S. Cellular Field	2342833.0	103	103	CHW	CHA	CHA	61.111111	75178000.0
561	2005	AL	CLE	CLE	C	2	162	81.0	93	69	...	Cleveland Indians	Jacobs Field	2013763.0	96	96	CLE	CLE	CLE	57.407407	41502500.0
562	2005	AL	DET	DET	C	4	162	81.0	71	91	...	Detroit Tigers	Comerica Park	2024431.0	98	98	DET	DET	DET	43.827160	69092000.0
563	2005	AL	KCA	KCR	C	5	162	81.0	56	106	...	Kansas City Royals	Kauffman Stadium	1371181.0	99	101	KCR	KCA	KCA	34.567901	36881000.0
564	2005	AL	LAA	ANA	W	1	162	81.0	95	67	...	Los Angeles Angels of Anaheim	Angel Stadium	3404686.0	98	97	LAA	ANA	ANA	58.641975	94867822.0
565	2005	AL	MIN	MIN	C	3	162	81.0	83	79	...	Minnesota Twins	Hubert H Humphrey Metrodome	2034243.0	102	102	MIN	MIN	MIN	51.234568	56186000.0
566	2005	AL	NYA	NYY	E	1	162	81.0	95	67	...	New York Yankees	Yankee Stadium II	4090696.0	98	97	NYY	NYA	NYA	58.641975	208306817.0
567	2005	AL	OAK	OAK	W	2	162	81.0	88	74	...	Oakland Athletics	McAfee Coliseum	2109118.0	101	100	OAK	OAK	OAK	54.320988	55425762.0
568	2005	AL	SEA	SEA	W	4	162	81.0	69	93	...	Seattle Mariners	Safeco Field	2725459.0	95	96	SEA	SEA	SEA	42.592593	87754334.0
569	2005	AL	TBA	TBD	E	5	162	81.0	67	95	...	Tampa Bay Devil Rays	Tropicana Field	1141669.0	99	100	TBD	TBA	TBA	41.358025	29679067.0
570	2005	AL	TEX	TEX	W	3	162	81.0	79	83	...	Texas Rangers	Amerquest Field	2525221.0	106	106	TEX	TEX	TEX	48.765432	55849000.0
571	2005	AL	TOR	TOR	E	3	162	81.0	80	82	...	Toronto Blue Jays	Rogers Centre	2014995.0	102	102	TOR	TOR	TOR	49.382716	45719500.0
572	2005	NL	ARI	ARI	W	2	162	81.0	77	85	...	Arizona Diamondbacks	Bank One Ballpark	2059424.0	103	105	ARI	ARI	ARI	47.530864	62329166.0
573	2005	NL	ATL	ATL	E	1	162	81.0	90	72	...	Atlanta Braves	Turner Field	2521167.0	101	100	ATL	ATL	ATL	55.555556	86457302.0
574	2005	NL	CHN	CHC	C	4	162	81.0	79	83	...	Chicago Cubs	Wrigley Field	3099992.0	104	104	CHC	CHN	CHN	48.765432	87032933.0
575	2005	NL	CIN	CIN	C	5	163	82.0	73	89	...	Cincinnati Reds	Great American Ball Park	1943067.0	100	101	CIN	CIN	CIN	44.785276	61892583.0
576	2005	NL	COL	COL	W	5	162	81.0	67	95	...	Colorado Rockies	Coors Field	1914389.0	112	113	COL	COL	COL	41.358025	47839000.0
577	2005	NL	FLO	FLA	E	3	162	81.0	83	79	...	Florida Marlins	Dolphin Stadium	1852608.0	94	94	FLA	FLO	FLO	51.234568	60408834.0
578	2005	NL	HOU	HOU	C	2	163	81.0	89	73	...	Houston Astros	Minute Maid Park	2804760.0	101	100	HOU	HOU	HOU	54.601227	76779000.0
579	2005	NL	LAN	LAD	W	4	162	81.0	71	91	...	Los Angeles Dodgers	Dodger Stadium	3603646.0	98	97	LAD	LAN	LAN	43.827160	83039000.0
580	2005	NL	MIL	MIL	C	3	162	81.0	81	81	...	Milwaukee Brewers	Miller Park	2211023.0	101	101	MIL	ML4	MIL	50.000000	39934833.0
581	2005	NL	NYN	NYM	E	3	162	81.0	83	79	...	New York Mets	Shea Stadium	2829929.0	98	97	NYM	NYN	NYN	51.234568	101305821.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDiahman45	teamDretro	win_percentage	total_payroll
582	2005	NL	PHI	PHI	E	2	162	81.0	88	74	...	Philadelphia Phillies	Citizens Bank Park	2665304.0	105	104	PHI	PHI	PHI	54.320988	95522000.0
583	2005	NL	PIT	PIT	C	6	162	81.0	67	95	...	Pittsburgh Pirates	PNC Park	1817245.0	99	100	PIT	PIT	PIT	41.358025	38133000.0
584	2005	NL	SDN	SDP	W	1	162	81.0	82	80	...	San Diego Padres	Petco Park	2869787.0	92	91	SDP	SDN	SDN	50.617284	63290833.0
585	2005	NL	SFN	SFG	W	3	162	81.0	75	87	...	San Francisco Giants	SBC Park	3181023.0	101	101	SFG	SFN	SFN	46.296296	90199500.0
586	2005	NL	SLN	STL	C	1	162	81.0	100	62	...	St. Louis Cardinals	Busch Stadium II	3538988.0	101	100	STL	SLN	SLN	61.728395	92106833.0
587	2005	NL	WAS	WSN	E	5	162	81.0	81	81	...	Washington Nationals	R.F.K. Stadium	2731993.0	95	96	WSN	MON	WAS	50.000000	48581500.0
588	2006	AL	BAL	BAL	E	4	162	81.0	70	92	...	Baltimore Orioles	Oriole Park at Camden Yards	2153139.0	99	100	BAL	BAL	BAL	43.209877	72585582.0
589	2006	AL	BOS	BOS	E	3	162	81.0	86	76	...	Boston Red Sox	Fenway Park II	2930588.0	105	104	BOS	BOS	BOS	53.086420	120099824.0
590	2006	AL	CHA	CHW	C	3	162	81.0	90	72	...	Chicago White Sox	U.S. Cellular Field	2957414.0	104	104	CHW	CHA	CHA	55.555556	102750667.0
591	2006	AL	CLE	CLE	C	4	162	81.0	78	84	...	Cleveland Indians	Jacobs Field	1997995.0	99	98	CLE	CLE	CLE	48.148148	56031500.0
592	2006	AL	DET	DET	C	2	162	81.0	95	67	...	Detroit Tigers	Comerica Park	2595937.0	100	100	DET	DET	DET	58.641975	82612866.0
593	2006	AL	KCA	KCR	C	5	162	81.0	62	100	...	Kansas City Royals	Kauffman Stadium	1372638.0	101	103	KCR	KCA	KCA	38.271605	47294000.0
594	2006	AL	LAA	ANA	W	2	162	81.0	89	73	...	Los Angeles Angels of Anaheim	Angel Stadium	3406790.0	100	100	LAA	ANA	ANA	54.938272	103472000.0
595	2006	AL	MIN	MIN	C	1	162	81.0	96	66	...	Minnesota Twins	Hubert H Humphrey Metrodome	2285018.0	98	98	MIN	MIN	MIN	59.259259	63396006.0
596	2006	AL	NYA	NYY	E	1	162	81.0	97	65	...	New York Yankees	Yankee Stadium II	4248067.0	101	99	NYY	NYA	NYA	59.876543	194663079.0
597	2006	AL	OAK	OAK	W	1	162	81.0	93	69	...	Oakland Athletics	McAfee Coliseum	1976625.0	97	97	OAK	OAK	OAK	57.407407	62243079.0
598	2006	AL	SEA	SEA	W	4	162	81.0	78	84	...	Seattle Mariners	Safeco Field	2481165.0	97	97	SEA	SEA	SEA	48.148148	87959833.0
599	2006	AL	TBA	TBD	E	5	162	81.0	61	101	...	Tampa Bay Devil Rays	Tropicana Field	1368950.0	99	101	TBD	TBA	TBA	37.654321	34917967.0
600	2006	AL	TEX	TEX	W	3	162	81.0	80	82	...	Texas Rangers	Ameriquest Field	2388757.0	101	101	TEX	TEX	TEX	49.382716	68228662.0
601	2006	AL	TOR	TOR	E	2	162	81.0	87	75	...	Toronto Blue Jays	Rogers Centre	2302212.0	100	100	TOR	TOR	TOR	53.703704	71365000.0
602	2006	NL	ARI	ARI	W	4	162	81.0	76	86	...	Arizona Diamondbacks	Chase Field	2091685.0	105	105	ARI	ARI	ARI	46.913580	59684226.0
603	2006	NL	ATL	ATL	E	3	162	81.0	79	83	...	Atlanta Braves	Turner Field	2550524.0	100	99	ATL	ATL	ATL	48.765432	90156876.0
604	2006	NL	CHN	CHC	C	6	162	81.0	66	96	...	Chicago Cubs	Wrigley Field	3123215.0	103	103	CHC	CHN	CHN	40.740741	94424499.0
605	2006	NL	CIN	CIN	C	3	162	82.0	80	82	...	Cincinnati Reds	Great American Ball Park	2134607.0	104	104	CIN	CIN	CIN	49.382716	60909519.0
606	2006	NL	COL	COL	W	4	162	81.0	76	86	...	Colorado Rockies	Coors Field	2104362.0	109	109	COL	COL	COL	46.913580	41233000.0
607	2006	NL	FLO	FLA	E	4	162	81.0	78	84	...	Florida Marlins	Dolphin Stadium	1164134.0	95	96	FLA	FLO	FLO	48.148148	14671500.0
608	2006	NL	HOU	HOU	C	2	162	81.0	82	80	...	Houston Astros	Minute Maid Park	3022763.0	100	99	HOU	HOU	HOU	50.617284	88694435.0
609	2006	NL	LAN	LAD	W	2	162	81.0	88	74	...	Los Angeles Dodgers	Dodger Stadium	3758545.0	101	100	LAD	LAN	LAN	54.320988	98447187.0
610	2006	NL	MIL	MIL	C	4	162	81.0	75	87	...	Milwaukee Brewers	Miller Park	2335643.0	101	101	MIL	ML4	MIL	46.296296	57568333.0
611	2006	NL	NYN	NYM	E	1	162	81.0	97	65	...	New York Mets	Shea Stadium	3379535.0	98	97	NYM	NYN	NYN	59.876543	101084963.0
612	2006	NL	PHI	PHI	E	2	162	81.0	85	77	...	Philadelphia Phillies	Citizens Bank Park	2701815.0	105	104	PHI	PHI	PHI	52.469136	88273333.0
613	2006	NL	PIT	PIT	C	5	162	81.0	67	95	...	Pittsburgh Pirates	PNC Park	1861549.0	98	99	PIT	PIT	PIT	41.358025	46717750.0
614	2006	NL	SDN	SDP	W	1	162	81.0	88	74	...	San Diego Padres	Petco Park	2659757.0	91	90	SDP	SDN	SDN	54.320988	69896141.0
615	2006	NL	SFN	SFG	W	3	161	81.0	76	85	...	San Francisco Giants	AT&T Park	3130313.0	100	100	SFG	SFN	SFN	47.204969	90056419.0
616	2006	NL	SLN	STL	C	1	161	80.0	83	78	...	St. Louis Cardinals	Busch Stadium III	3407104.0	99	99	STL	SLN	SLN	51.552795	88891371.0
617	2006	NL	WAS	WSN	E	5	162	81.0	71	91	...	Washington Nationals	R.F.K. Stadium	2153056.0	94	95	WSN	MON	WAS	43.827160	63143000.0
618	2007	AL	BAL	BAL	E	4	162	81.0	69	93	...	Baltimore Orioles	Oriole Park at Camden Yards	2164822.0	101	102	BAL	BAL	BAL	42.592593	93174808.0
619	2007	AL	BOS	BOS	E	1	162	81.0	96	66	...	Boston Red Sox	Fenway Park II	2970755.0	106	105	BOS	BOS	BOS	59.259259	143026214.0
620	2007	AL	CHA	CHW	C	4	162	81.0	72	90	...	Chicago White Sox	U.S. Cellular Field	2684395.0	104	104	CHW	CHA	CHA	44.444444	108671833.0
621	2007	AL	CLE	CLE	C	1	162	80.0	96	66	...	Cleveland Indians	Jacobs Field	2275912.0	101	100	CLE	CLE	CLE	59.259259	61673267.0
622	2007	AL	DET	DET	C	2	162	81.0	88	74	...	Detroit Tigers	Comerica Park	3047133.0	102	101	DET	DET	DET	54.320988	94800369.0
623	2007	AL	KCA	KCR	C	5	162	81.0	69	93	...	Kansas City Royals	Kauffman Stadium	1616867.0	100	101	KCR	KCA	KCA	42.592593	67116500.0
624	2007	AL	LAA	ANA	W	1	162	81.0	94	68	...	Los Angeles Angels of Anaheim	Angel Stadium	3365632.0	101	100	LAA	ANA	ANA	58.024691	109251333.0
625	2007	AL	MIN	MIN	C	3	162	81.0	79	83	...	Minnesota Twins	Hubert H Humphrey Metrodome	2296383.0	95	95	MIN	MIN	MIN	48.765432	71439500.0
626	2007	AL	NYA	NYY	E	2	162	81.0	94	68	...	New York Yankees	Yankee Stadium II	4271083.0	101	100	NYY	NYA	NYA	58.024691	189259045.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
627	2007	AL	OAK	OAK	W	3	162	81.0	76	86	...	Oakland Athletics	McAfee Coliseum	1921844.0	94	94	OAK	OAK	OAK	46.913580	79366940.0
628	2007	AL	SEA	SEA	W	2	162	82.0	88	74	...	Seattle Mariners	Safeco Field	2672223.0	96	97	SEA	SEA	SEA	54.320988	106460833.0
629	2007	AL	TBA	TBD	E	5	162	81.0	66	96	...	Tampa Bay Devil Rays	Tropicana Field	1387603.0	98	100	TBD	TBA	TBA	40.740741	24123500.0
630	2007	AL	TEX	TEX	W	4	162	81.0	75	87	...	Texas Rangers	Rangers Ballpark in Arlington	2353862.0	101	101	TEX	TEX	TEX	46.296296	68318675.0
631	2007	AL	TOR	TOR	E	3	162	81.0	83	79	...	Toronto Blue Jays	Rogers Centre	2360644.0	100	99	TOR	TOR	TOR	51.234568	81942800.0
632	2007	NL	ARI	ARI	W	1	162	81.0	90	72	...	Arizona Diamondbacks	Chase Field	2325249.0	107	107	ARI	ARI	ARI	55.555556	52067546.0
633	2007	NL	ATL	ATL	E	3	162	81.0	84	78	...	Atlanta Braves	Turner Field	2745207.0	98	98	ATL	ATL	ATL	51.851852	87290833.0
634	2007	NL	CHN	CHC	C	1	162	81.0	85	77	...	Chicago Cubs	Wrigley Field	3252462.0	105	104	CHC	CHN	CHN	52.469136	99670332.0
635	2007	NL	CIN	CIN	C	5	162	81.0	72	90	...	Cincinnati Reds	Great American Ball Park	2058593.0	104	104	CIN	CIN	CIN	44.444444	68524980.0
636	2007	NL	COL	COL	W	2	163	82.0	90	73	...	Colorado Rockies	Coors Field	2376250.0	107	108	COL	COL	COL	55.214724	54041000.0
637	2007	NL	FLO	FLA	E	5	162	81.0	71	91	...	Florida Marlins	Dolphin Stadium	1370511.0	97	98	FLA	FLO	FLO	43.827160	30507000.0
638	2007	NL	HOU	HOU	C	4	162	81.0	73	89	...	Houston Astros	Minute Maid Park	3020405.0	100	100	HOU	HOU	HOU	45.061728	87759000.0
639	2007	NL	LAN	LAD	W	4	162	81.0	82	80	...	Los Angeles Dodgers	Dodger Stadium	3857036.0	101	100	LAD	LAN	LAN	50.617284	108454524.0
640	2007	NL	MIL	MIL	C	2	162	81.0	83	79	...	Milwaukee Brewers	Miller Park	2869144.0	100	100	MIL	ML4	MIL	51.234568	70986500.0
641	2007	NL	NYN	NYM	E	2	162	81.0	88	74	...	New York Mets	Shea Stadium	3853955.0	98	97	NYM	NYN	NYN	54.320988	115231663.0
642	2007	NL	PHI	PHI	E	1	162	81.0	89	73	...	Philadelphia Phillies	Citizens Bank Park	3108325.0	104	103	PHI	PHI	PHI	54.938272	89428213.0
643	2007	NL	PIT	PIT	C	6	162	81.0	68	94	...	Pittsburgh Pirates	PNC Park	1749142.0	97	98	PIT	PIT	PIT	41.975309	38537833.0
644	2007	NL	SDN	SDP	W	3	163	81.0	89	74	...	San Diego Padres	Petco Park	2790074.0	90	90	SDP	SDN	SDN	54.601227	58110567.0
645	2007	NL	SFN	SFG	W	5	162	81.0	71	91	...	San Francisco Giants	AT&T Park	3223215.0	101	101	SFG	SFN	SFN	43.827160	90219056.0
646	2007	NL	SLN	STL	C	3	162	81.0	78	84	...	St. Louis Cardinals	Busch Stadium III	3552180.0	99	99	STL	SLN	SLN	48.148148	90286823.0
647	2007	NL	WAS	WSN	E	4	162	81.0	73	89	...	Washington Nationals	R.F.K. Stadium	1943812.0	94	95	WSN	MON	WAS	45.061728	36947500.0
648	2008	AL	BAL	BAL	E	5	161	81.0	68	93	...	Baltimore Orioles	Oriole Park at Camden Yards	1950075.0	101	102	BAL	BAL	BAL	42.236025	67196246.0
649	2008	AL	BOS	BOS	E	2	162	81.0	95	67	...	Boston Red Sox	Fenway Park II	3048250.0	108	106	BOS	BOS	BOS	58.641975	133390035.0
650	2008	AL	CHA	CHW	C	1	163	82.0	89	74	...	Chicago White Sox	U.S. Cellular Field	2500648.0	105	105	CHW	CHA	CHA	54.601227	121189332.0
651	2008	AL	CLE	CLE	C	3	162	81.0	81	81	...	Cleveland Indians	Jacobs Field	2169760.0	98	98	CLE	CLE	CLE	50.000000	78970066.0
652	2008	AL	DET	DET	C	5	162	81.0	74	88	...	Detroit Tigers	Comerica Park	3202645.0	103	103	DET	DET	DET	45.679012	137685196.0
653	2008	AL	KCA	KCR	C	4	162	81.0	75	87	...	Kansas City Royals	Kauffman Stadium	1578922.0	98	100	KCR	KCA	KCA	46.296296	58245500.0
654	2008	AL	LAA	ANA	W	1	162	81.0	100	62	...	Los Angeles Angels of Anaheim	Angel Stadium	3336747.0	103	102	LAA	ANA	ANA	61.728395	119216333.0
655	2008	AL	MIN	MIN	C	2	163	81.0	88	75	...	Minnesota Twins	Hubert H Humphrey Metrodome	2302431.0	96	96	MIN	MIN	MIN	53.987730	56932766.0
656	2008	AL	NYA	NYN	E	3	162	81.0	89	73	...	New York Yankees	Yankee Stadium II	4298655.0	103	102	NYN	NYA	NYA	54.938272	207896789.0
657	2008	AL	OAK	OAK	W	3	161	81.0	75	86	...	Oakland Athletics	McAfee Coliseum	1665256.0	95	95	OAK	OAK	OAK	46.583851	47967126.0
658	2008	AL	SEA	SEA	W	4	162	81.0	61	101	...	Seattle Mariners	Safeco Field	2329702.0	97	97	SEA	SEA	SEA	37.654321	117666482.0
659	2008	AL	TBA	TBD	E	1	162	81.0	97	65	...	Tampa Bay Rays	Tropicana Field	1811986.0	101	101	TBR	TBA	TBA	59.876543	43820597.0
660	2008	AL	TEX	TEX	W	2	162	81.0	79	83	...	Texas Rangers	Rangers Ballpark in Arlington	1945677.0	102	102	TEX	TEX	TEX	48.765432	67712326.0
661	2008	AL	TOR	TOR	E	4	162	81.0	86	76	...	Toronto Blue Jays	Rogers Centre	2399786.0	98	97	TOR	TOR	TOR	53.086420	97793900.0
662	2008	NL	ARI	ARI	W	2	162	81.0	82	80	...	Arizona Diamondbacks	Chase Field	2509924.0	108	108	ARI	ARI	ARI	50.617284	66202712.0
663	2008	NL	ATL	ATL	E	4	162	81.0	72	90	...	Atlanta Braves	Turner Field	2532834.0	98	98	ATL	ATL	ATL	44.444444	102365683.0
664	2008	NL	CHN	CHC	C	1	161	81.0	97	64	...	Chicago Cubs	Wrigley Field	3300200.0	108	107	CHC	CHN	CHN	60.248447	118345833.0
665	2008	NL	CIN	CIN	C	5	162	81.0	74	88	...	Cincinnati Reds	Great American Ball Park	2058632.0	102	103	CIN	CIN	CIN	45.679012	74117695.0
666	2008	NL	COL	COL	W	3	162	81.0	74	88	...	Colorado Rockies	Coors Field	2650218.0	109	109	COL	COL	COL	45.679012	68655500.0
667	2008	NL	FLO	FLA	E	3	161	81.0	84	77	...	Florida Marlins	Dolphin Stadium	1335076.0	101	101	FLA	FLO	FLO	52.173913	21811500.0
668	2008	NL	HOU	HOU	C	3	161	80.0	86	75	...	Houston Astros	Minute Maid Park	2779487.0	98	98	HOU	HOU	HOU	53.416149	88930414.0
669	2008	NL	LAN	LAD	W	1	162	81.0	84	78	...	Los Angeles Dodgers	Dodger Stadium	3730553.0	98	97	LAD	LAN	LAN	51.851852	118588536.0
670	2008	NL	MIL	MIL	C	2	162	81.0	90	72	...	Milwaukee Brewers	Miller Park	3068458.0	98	98	MIL	ML4	MIL	55.555556	80937499.0
671	2008	NL	NYN	NYM	E	2	162	81.0	89	73	...	New York Mets	Shea Stadium	4042045.0	99	98	NYM	NYN	NYN	54.938272	137793376.0
672	2008	NL	PHI	PHI	E	1	162	81.0	92	70	...	Philadelphia Phillies	Citizens Bank Park	3422583.0	103	102	PHI	PHI	PHI	56.790123	97879880.0

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
673	2008	NL	PIT	PIT	C	6	162	81.0	67	95	...	Pittsburgh Pirates	PNC Park	1609076.0	96	98	PIT	PIT	PIT	41.358025	48689783.0
674	2008	NL	SDN	SDP	W	5	162	81.0	63	99	...	San Diego Padres	Petco Park	2427535.0	88	88	SDP	SDN	SDN	38.888889	73677616.0
675	2008	NL	SFN	SFG	W	4	162	81.0	72	90	...	San Francisco Giants	AT&T Park	2863837.0	102	103	SFG	SFN	SFN	44.444444	76594500.0
676	2008	NL	SLN	STL	C	4	162	81.0	86	76	...	St. Louis Cardinals	Busch Stadium III	3432917.0	99	99	STL	SLN	SLN	53.086420	99624449.0
677	2008	NL	WAS	WSN	E	5	161	80.0	59	102	...	Washington Nationals	Nationals Park	2320400.0	99	100	WSN	MON	WAS	36.645963	54961000.0
678	2009	AL	BAL	BAL	E	5	162	81.0	64	98	...	Baltimore Orioles	Oriole Park at Camden Yards	1907163.0	101	102	BAL	BAL	BAL	39.506173	67101666.0
679	2009	AL	BOS	BOS	E	2	162	81.0	95	67	...	Boston Red Sox	Fenway Park II	3062699.0	106	105	BOS	BOS	BOS	58.641975	121345999.0
680	2009	AL	CHA	CHW	C	3	162	81.0	79	83	...	Chicago White Sox	U.S. Cellular Field	2284163.0	105	105	CHW	CHA	CHA	48.765432	96068500.0
681	2009	AL	CLE	CLE	C	4	162	81.0	65	97	...	Cleveland Indians	Jacobs Field	1766242.0	95	95	CLE	CLE	CLE	40.123457	81579166.0
682	2009	AL	DET	DET	C	2	163	81.0	86	77	...	Detroit Tigers	Comerica Park	2567165.0	101	102	DET	DET	DET	52.760736	115085145.0
683	2009	AL	KCA	KCR	C	4	162	81.0	65	97	...	Kansas City Royals	Kauffman Stadium	1797891.0	97	99	KCR	KCA	KCA	40.123457	70519333.0
684	2009	AL	LAA	ANA	W	1	162	81.0	97	65	...	Los Angeles Angels of Anaheim	Angel Stadium	3240386.0	99	98	LAA	ANA	ANA	59.876543	113709000.0
685	2009	AL	MIN	MIN	C	1	163	82.0	87	76	...	Minnesota Twins	Hubert H Humphrey Metrodome	2416237.0	99	98	MIN	MIN	MIN	53.374233	65299266.0
686	2009	AL	NYA	NYN	E	1	162	81.0	103	59	...	New York Yankees	Yankee Stadium III	3719358.0	105	103	NYN	NYA	NYA	63.580247	201449189.0
687	2009	AL	OAK	OAK	W	4	162	81.0	75	87	...	Oakland Athletics	Oakland-Alameda Country Coliseum	1408783.0	99	99	OAK	OAK	OAK	46.296296	61910000.0
688	2009	AL	SEA	SEA	W	3	162	81.0	85	77	...	Seattle Mariners	Safeco Field	2195533.0	94	96	SEA	SEA	SEA	52.469136	98904166.0
689	2009	AL	TBA	TBD	E	3	162	81.0	84	78	...	Tampa Bay Rays	Tropicana Field	1874962.0	98	97	TBR	TBA	TBA	51.851852	63313034.0
690	2009	AL	TEX	TEX	W	2	162	81.0	87	75	...	Texas Rangers	Rangers Ballpark in Arlington	2156016.0	104	104	TEX	TEX	TEX	53.703704	68178798.0
691	2009	AL	TOR	TOR	E	4	162	81.0	75	87	...	Toronto Blue Jays	Rogers Centre	1876129.0	100	99	TOR	TOR	TOR	46.296296	80538300.0
692	2009	NL	ARI	ARI	W	5	162	81.0	70	92	...	Arizona Diamondbacks	Chase Field	2128765.0	105	106	ARI	ARI	ARI	43.209877	73115666.0
693	2009	NL	ATL	ATL	E	3	162	81.0	86	76	...	Atlanta Braves	Turner Field	2373631.0	99	98	ATL	ATL	ATL	53.086420	96726166.0
694	2009	NL	CHN	CHC	C	2	161	80.0	83	78	...	Chicago Cubs	Wrigley Field	3168859.0	107	106	CHC	CHN	CHN	51.552795	134809000.0
695	2009	NL	CIN	CIN	C	4	162	81.0	78	84	...	Cincinnati Reds	Great American Ball Park	1747919.0	100	100	CIN	CIN	CIN	48.148148	73558500.0
696	2009	NL	COL	COL	W	2	162	81.0	92	70	...	Colorado Rockies	Coors Field	2665080.0	112	112	COL	COL	COL	56.790123	75201000.0
697	2009	NL	FLO	FLA	E	2	162	81.0	87	75	...	Florida Marlins	Dolphin Stadium	1464109.0	102	102	FLA	FLO	FLO	53.703704	36834000.0
698	2009	NL	HOU	HOU	C	5	162	81.0	74	88	...	Houston Astros	Minute Maid Park	2521076.0	98	98	HOU	HOU	HOU	45.679012	102996414.0
699	2009	NL	LAN	LAD	W	1	162	81.0	95	67	...	Los Angeles Dodgers	Dodger Stadium	3761655.0	96	95	LAD	LAN	LAN	58.641975	100414592.0
700	2009	NL	MIL	MIL	C	3	162	81.0	80	82	...	Milwaukee Brewers	Miller Park	3037451.0	98	98	MIL	ML4	MIL	49.382716	80182502.0
701	2009	NL	NYN	NYM	E	4	162	81.0	70	92	...	New York Mets	Citi Field	3168571.0	97	97	NYM	NYN	NYN	43.209877	149373987.0
702	2009	NL	PHI	PHI	E	1	162	81.0	93	69	...	Philadelphia Phillies	Citizens Bank Park	3600693.0	101	100	PHI	PHI	PHI	57.407407	113004046.0
703	2009	NL	PIT	PIT	C	6	161	81.0	62	99	...	Pittsburgh Pirates	PNC Park	1577853.0	98	99	PIT	PIT	PIT	38.509317	48693000.0
704	2009	NL	SDN	SDP	W	4	162	81.0	75	87	...	San Diego Padres	Petco Park	1919603.0	90	90	SDP	SDN	SDN	46.296296	43333700.0
705	2009	NL	SFN	SFG	W	3	162	81.0	88	74	...	San Francisco Giants	AT&T Park	2862110.0	102	102	SFG	SFN	SFN	54.320988	83026450.0
706	2009	NL	SLN	STL	C	1	162	81.0	91	71	...	St. Louis Cardinals	Busch Stadium III	3343252.0	98	97	STL	SLN	SLN	56.172840	88528409.0
707	2009	NL	WAS	WSN	E	5	162	81.0	59	103	...	Washington Nationals	Nationals Park	1817226.0	99	101	WSN	MON	WAS	36.419753	59928000.0
708	2010	AL	BAL	BAL	E	5	162	81.0	66	96	...	Baltimore Orioles	Oriole Park at Camden Yards	1733018.0	101	102	BAL	BAL	BAL	40.740741	81612500.0
709	2010	AL	BOS	BOS	E	3	162	81.0	89	73	...	Boston Red Sox	Fenway Park II	3046443.0	106	105	BOS	BOS	BOS	54.938272	162447333.0
710	2010	AL	CHA	CHW	C	2	162	81.0	88	74	...	Chicago White Sox	U.S. Cellular Field	2194378.0	105	105	CHW	CHA	CHA	54.320988	105530000.0
711	2010	AL	CLE	CLE	C	4	162	81.0	69	93	...	Cleveland Indians	Jacobs Field	1394812.0	93	93	CLE	CLE	CLE	42.592593	61203966.0
712	2010	AL	DET	DET	C	3	162	81.0	81	81	...	Detroit Tigers	Comerica Park	2461237.0	101	101	DET	DET	DET	50.000000	122864928.0
713	2010	AL	KCA	KCR	C	5	162	81.0	67	95	...	Kansas City Royals	Kauffman Stadium	1615324.0	99	101	KCR	KCA	KCA	41.358025	71405210.0
714	2010	AL	LAA	ANA	W	3	162	81.0	80	82	...	Los Angeles Angels of Anaheim	Angel Stadium	3250816.0	98	98	LAA	ANA	ANA	49.382716	104963866.0
715	2010	AL	MIN	MIN	C	1	162	81.0	94	68	...	Minnesota Twins	Target Field	3223640.0	101	100	MIN	MIN	MIN	58.024691	97559166.0
716	2010	AL	NYA	NYN	E	2	162	81.0	95	67	...	New York Yankees	Yankee Stadium III	3765807.0	105	103	NYN	NYA	NYA	58.641975	206333389.0

	yearID	lgID	teamID	franchiseID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
717	2010	AL	OAK	OAK	W	2	162	81.0	81	81	...	Oakland Athletics	Oakland-Alameda Country Coliseum	1418391.0	100	100	OAK	OAK	OAK	50.000000	55254900.0
718	2010	AL	SEA	SEA	W	4	162	81.0	61	101	...	Seattle Mariners	Safeco Field	2085488.0	93	95	SEA	SEA	SEA	37.654321	86510000.0
719	2010	AL	TBA	TBD	E	1	162	81.0	96	66	...	Tampa Bay Rays	Tropicana Field	1843445.0	96	95	TBR	TBA	TBA	59.259259	71923471.0
720	2010	AL	TEX	TEX	W	1	162	81.0	90	72	...	Texas Rangers	Rangers Ballpark in Arlington	2505171.0	105	104	TEX	TEX	TEX	55.555556	55250544.0
721	2010	AL	TOR	TOR	E	4	162	78.0	85	77	...	Toronto Blue Jays	Rogers Centre	1625555.0	100	100	TOR	TOR	TOR	52.469136	62234000.0
722	2010	NL	ARI	ARI	W	5	162	81.0	65	97	...	Arizona Diamondbacks	Chase Field	2056941.0	104	105	ARI	ARI	ARI	40.123457	60718166.0
723	2010	NL	ATL	ATL	E	2	162	81.0	91	71	...	Atlanta Braves	Turner Field	2510119.0	98	97	ATL	ATL	ATL	56.172840	84423666.0
724	2010	NL	CHN	CHC	C	5	162	81.0	75	87	...	Chicago Cubs	Wrigley Field	3062973.0	108	108	CHC	CHN	CHN	46.296296	146609000.0
725	2010	NL	CIN	CIN	C	1	162	81.0	91	71	...	Cincinnati Reds	Great American Ball Park	2060550.0	99	99	CIN	CIN	CIN	56.172840	71761542.0
726	2010	NL	COL	COL	W	3	162	81.0	83	79	...	Colorado Rockies	Coors Field	2875245.0	115	115	COL	COL	COL	51.234568	84227000.0
727	2010	NL	FLO	FLA	E	3	162	81.0	80	82	...	Florida Marlins	Dolphin Stadium	1535226.0	105	104	FLA	FLO	FLO	49.382716	57029719.0
728	2010	NL	HOU	HOU	C	4	162	81.0	76	86	...	Houston Astros	Minute Maid Park	2331490.0	95	96	HOU	HOU	HOU	46.913580	92355500.0
729	2010	NL	LAN	LAD	W	4	162	81.0	80	82	...	Los Angeles Dodgers	Dodger Stadium	3562320.0	95	95	LAD	LAN	LAN	49.382716	95358016.0
730	2010	NL	MIL	MIL	C	3	162	81.0	77	85	...	Milwaukee Brewers	Miller Park	2776531.0	98	98	MIL	ML4	MIL	47.530864	81108278.0
731	2010	NL	NYN	NYM	E	4	162	81.0	79	83	...	New York Mets	Citi Field	2559738.0	97	97	NYM	NYN	NYN	48.765432	134422942.0
732	2010	NL	PHI	PHI	E	1	162	84.0	97	65	...	Philadelphia Phillies	Citizens Bank Park	3647249.0	101	100	PHI	PHI	PHI	59.876543	141928379.0
733	2010	NL	PIT	PIT	C	6	162	81.0	57	105	...	Pittsburgh Pirates	PNC Park	1613399.0	99	101	PIT	PIT	PIT	35.185185	34943000.0
734	2010	NL	SDN	SDP	W	2	162	81.0	90	72	...	San Diego Padres	Petco Park	2131774.0	91	91	SDP	SDN	SDN	55.555556	37799300.0
735	2010	NL	SFN	SFG	W	1	162	81.0	92	70	...	San Francisco Giants	AT&T Park	3037443.0	101	101	SFG	SFN	SFN	56.790123	98641333.0
736	2010	NL	SLN	STL	C	2	162	81.0	86	76	...	St. Louis Cardinals	Busch Stadium III	3301218.0	97	97	STL	SLN	SLN	53.086420	93540751.0
737	2010	NL	WAS	WSN	E	5	162	81.0	69	93	...	Washington Nationals	Nationals Park	1828066.0	99	100	WSN	MON	WAS	42.592593	61400000.0
738	2011	AL	BAL	BAL	E	5	162	81.0	69	93	...	Baltimore Orioles	Oriole Park at Camden Yards	1755461.0	96	97	BAL	BAL	BAL	42.592593	85304038.0
739	2011	AL	BOS	BOS	E	3	162	81.0	90	72	...	Boston Red Sox	Fenway Park II	3054001.0	106	105	BOS	BOS	BOS	55.555556	161762475.0
740	2011	AL	CHA	CHW	C	3	162	81.0	79	83	...	Chicago White Sox	U.S. Cellular Field	2001117.0	99	100	CHW	CHA	CHA	48.765432	127789000.0
741	2011	AL	CLE	CLE	C	2	162	81.0	80	82	...	Cleveland Indians	Jacobs Field	1840835.0	96	97	CLE	CLE	CLE	49.382716	48776566.0
742	2011	AL	DET	DET	C	1	162	81.0	95	67	...	Detroit Tigers	Comerica Park	2642045.0	103	102	DET	DET	DET	58.641975	105700231.0
743	2011	AL	KCA	KCR	C	4	162	81.0	71	91	...	Kansas City Royals	Kauffman Stadium	1724450.0	101	101	KCR	KCA	KCA	43.827160	35712000.0
744	2011	AL	LAA	ANA	W	2	162	81.0	86	76	...	Los Angeles Angels of Anaheim	Angel Stadium	3166321.0	93	93	LAA	ANA	ANA	53.086420	138543166.0
745	2011	AL	MIN	MIN	C	5	162	81.0	63	99	...	Minnesota Twins	Target Field	3168116.0	95	97	MIN	MIN	MIN	38.888889	112737000.0
746	2011	AL	NYA	NYN	E	1	162	81.0	97	65	...	New York Yankees	Yankee Stadium III	3653680.0	108	106	NYN	NYA	NYA	59.876543	202275028.0
747	2011	AL	OAK	OAK	W	3	162	81.0	74	88	...	Oakland Athletics	Oakland-Alameda Country Coliseum	1476791.0	97	98	OAK	OAK	OAK	45.679012	66536500.0
748	2011	AL	SEA	SEA	W	4	162	84.0	67	95	...	Seattle Mariners	Safeco Field	1939421.0	94	95	SEA	SEA	SEA	41.358025	86110600.0
749	2011	AL	TBA	TBD	E	2	162	81.0	91	71	...	Tampa Bay Rays	Tropicana Field	1529188.0	92	92	TBR	TBA	TBA	56.172840	41053571.0
750	2011	AL	TEX	TEX	W	1	162	81.0	96	66	...	Texas Rangers	Rangers Ballpark in Arlington	2946949.0	117	115	TEX	TEX	TEX	59.259259	92299264.0
751	2011	AL	TOR	TOR	E	4	162	81.0	81	81	...	Toronto Blue Jays	Rogers Centre	1818103.0	104	104	TOR	TOR	TOR	50.000000	62567800.0
752	2011	NL	ARI	ARI	W	1	162	81.0	94	68	...	Arizona Diamondbacks	Chase Field	2105432.0	107	106	ARI	ARI	ARI	58.024691	53639833.0
753	2011	NL	ATL	ATL	E	2	162	81.0	89	73	...	Atlanta Braves	Turner Field	2372940.0	98	98	ATL	ATL	ATL	54.938272	87002692.0
754	2011	NL	CHN	CHC	C	5	162	81.0	71	91	...	Chicago Cubs	Wrigley Field	3017966.0	96	97	CHC	CHN	CHN	43.827160	125047329.0
755	2011	NL	CIN	CIN	C	3	162	81.0	79	83	...	Cincinnati Reds	Great American Ball Park	2213588.0	107	106	CIN	CIN	CIN	48.765432	75947134.0
756	2011	NL	COL	COL	W	4	162	81.0	73	89	...	Colorado Rockies	Coors Field	2909777.0	116	116	COL	COL	COL	45.061728	88148071.0
757	2011	NL	FLO	FLA	E	5	162	78.0	72	90	...	Florida Marlins	Sun Life Stadium	1477462.0	99	100	FLA	FLO	FLO	44.444444	56944000.0
758	2011	NL	HOU	HOU	C	6	162	81.0	56	106	...	Houston Astros	Minute Maid Park	2067016.0	102	104	HOU	HOU	HOU	34.567901	70694000.0
759	2011	NL	LAN	LAD	W	3	161	81.0	82	79	...	Los Angeles Dodgers	Dodger Stadium	2935139.0	98	98	LAD	LAN	LAN	50.931677	104188999.0
760	2011	NL	MIL	MIL	C	1	162	81.0	96	66	...	Milwaukee Brewers	Miller Park	3071373.0	103	102	MIL	ML4	MIL	59.259259	85497333.0
761	2011	NL	NYN	NYM	E	4	162	81.0	77	85	...	New York Mets	Citi Field	2352596.0	98	98	NYM	NYN	NYN	47.530864	118847309.0
762	2011	NL	PHI	PHI	E	1	162	81.0	102	60	...	Philadelphia Phillies	Citizens Bank Park	3680718.0	105	103	PHI	PHI	PHI	62.962963	172976379.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
763	2011	NL	PIT	PIT	C	4	162	81.0	72	90	...	Pittsburgh Pirates	PNC Park	1940429.0	96	97	PIT	PIT	PIT	44.444444	45047000.0
764	2011	NL	SDN	SDP	W	5	162	81.0	71	91	...	San Diego Padres	Petco Park	2143018.0	92	92	SDP	SDN	SDN	43.827160	45869140.0
765	2011	NL	SFN	SFG	W	2	162	81.0	86	76	...	San Francisco Giants	AT&T Park	3387303.0	89	89	SFG	SFN	SFN	53.086420	118198333.0
766	2011	NL	SLN	STL	C	2	162	81.0	90	72	...	St. Louis Cardinals	Busch Stadium III	3093954.0	95	94	STL	SLN	SLN	55.555556	105433572.0
767	2011	NL	WAS	WSN	E	3	161	80.0	80	81	...	Washington Nationals	Nationals Park	1940478.0	100	100	WSN	MON	WAS	49.689441	63856928.0
768	2012	AL	BAL	BAL	E	2	162	81.0	93	69	...	Baltimore Orioles	Oriole Park at Camden Yards	2102240.0	102	103	BAL	BAL	BAL	57.407407	77353999.0
769	2012	AL	BOS	BOS	E	5	162	81.0	69	93	...	Boston Red Sox	Fenway Park II	3043003.0	106	106	BOS	BOS	BOS	42.592593	173186617.0
770	2012	AL	CHA	CHW	C	2	162	81.0	85	77	...	Chicago White Sox	U.S. Cellular Field	1965955.0	106	106	CHW	CHA	CHA	52.469136	96919500.0
771	2012	AL	CLE	CLE	C	4	162	81.0	68	94	...	Cleveland Indians	Progressive Field	1603596.0	93	95	CLE	CLE	CLE	41.975309	78430300.0
772	2012	AL	DET	DET	C	1	162	81.0	88	74	...	Detroit Tigers	Comerica Park	3028033.0	104	103	DET	DET	DET	54.320988	132300000.0
773	2012	AL	KCA	KCR	C	3	162	81.0	72	90	...	Kansas City Royals	Kauffman Stadium	1739859.0	100	100	KCR	KCA	KCA	44.444444	60916225.0
774	2012	AL	LAA	ANA	W	3	162	81.0	89	73	...	Los Angeles Angels of Anaheim	Angel Stadium of Anaheim	3061770.0	92	92	LAA	ANA	ANA	54.938272	154485166.0
775	2012	AL	MIN	MIN	C	5	162	81.0	66	96	...	Minnesota Twins	Target Field	2776354.0	97	99	MIN	MIN	MIN	40.740741	94085000.0
776	2012	AL	NYA	NYY	E	1	162	81.0	95	67	...	New York Yankees	Yankee Stadium III	3542406.0	103	102	NYY	NYA	NYA	58.641975	196522289.0
777	2012	AL	OAK	OAK	W	1	162	81.0	94	68	...	Oakland Athletics	O.co Coliseum	1679013.0	97	97	OAK	OAK	OAK	58.024691	55372500.0
778	2012	AL	SEA	SEA	W	4	162	81.0	75	87	...	Seattle Mariners	Safeco Field	1721920.0	90	91	SEA	SEA	SEA	46.296296	81978100.0
779	2012	AL	TBA	TBD	E	3	162	81.0	90	72	...	Tampa Bay Rays	Tropicana Field	1559681.0	94	93	TBR	TBA	TBA	55.555556	64173500.0
780	2012	AL	TEX	TEX	W	2	162	81.0	93	69	...	Texas Rangers	Rangers Ballpark in Arlington	3460280.0	112	111	TEX	TEX	TEX	57.407407	120510974.0
781	2012	AL	TOR	TOR	E	4	162	81.0	73	89	...	Toronto Blue Jays	Rogers Centre	2099663.0	103	104	TOR	TOR	TOR	45.061728	75009200.0
782	2012	NL	ARI	ARI	W	3	162	81.0	81	81	...	Arizona Diamondbacks	Chase Field	2177617.0	105	106	ARI	ARI	ARI	50.000000	73804833.0
783	2012	NL	ATL	ATL	E	2	162	81.0	94	68	...	Atlanta Braves	Turner Field	2420171.0	102	101	ATL	ATL	ATL	58.024691	82829942.0
784	2012	NL	CHN	CHC	C	5	162	81.0	61	101	...	Chicago Cubs	Wrigley Field	2882756.0	98	99	CHC	CHN	CHN	37.654321	88197033.0
785	2012	NL	CIN	CIN	C	1	162	81.0	97	65	...	Cincinnati Reds	Great American Ball Park	2347251.0	107	107	CIN	CIN	CIN	59.876543	82203616.0
786	2012	NL	COL	COL	W	5	162	81.0	64	98	...	Colorado Rockies	Coors Field	2630458.0	120	121	COL	COL	COL	39.506173	78069571.0
787	2012	NL	HOU	HOU	C	6	162	81.0	55	107	...	Houston Astros	Minute Maid Park	1607733.0	99	101	HOU	HOU	HOU	33.950617	60651000.0
788	2012	NL	LAN	LAD	W	2	162	81.0	86	76	...	Los Angeles Dodgers	Dodger Stadium	3324246.0	96	96	LAD	LAN	LAN	53.086420	95143575.0
789	2012	NL	MIA	FLA	E	5	162	81.0	69	93	...	Miami Marlins	Marlins Park	2219444.0	100	100	MIA	FLO	MIA	42.592593	118078000.0
790	2012	NL	MIL	MIL	C	3	162	81.0	83	79	...	Milwaukee Brewers	Miller Park	2831385.0	104	104	MIL	ML4	MIL	51.234568	97653944.0
791	2012	NL	NYN	NYM	E	4	162	81.0	74	88	...	New York Mets	Citi Field	2242803.0	96	97	NYM	NYN	NYN	45.679012	93353983.0
792	2012	NL	PHI	PHI	E	3	162	81.0	81	81	...	Philadelphia Phillies	Citizens Bank Park	3565718.0	102	101	PHI	PHI	PHI	50.000000	174538938.0
793	2012	NL	PIT	PIT	C	4	162	81.0	79	83	...	Pittsburgh Pirates	PNC Park	2091918.0	93	94	PIT	PIT	PIT	48.765432	62951999.0
794	2012	NL	SDN	SDP	W	4	162	81.0	76	86	...	San Diego Padres	Petco Park	2123721.0	92	92	SDP	SDN	SDN	46.913580	55244700.0
795	2012	NL	SFN	SFG	W	1	162	81.0	94	68	...	San Francisco Giants	AT&T Park	3377371.0	88	88	SFG	SFN	SFN	58.024691	117620683.0
796	2012	NL	SLN	STL	C	2	162	81.0	88	74	...	St. Louis Cardinals	Busch Stadium III	3262109.0	98	97	STL	SLN	SLN	54.320988	110300862.0
797	2012	NL	WAS	WSN	E	1	162	81.0	98	64	...	Washington Nationals	Nationals Park	2370794.0	99	101	WSN	MON	WAS	60.493827	80855143.0
798	2013	AL	BAL	BAL	E	3	162	81.0	85	77	...	Baltimore Orioles	Oriole Park at Camden Yards	2357561.0	106	105	BAL	BAL	BAL	52.469136	84393333.0
799	2013	AL	BOS	BOS	E	1	162	81.0	97	65	...	Boston Red Sox	Fenway Park II	2833333.0	102	102	BOS	BOS	BOS	59.876543	151530000.0
800	2013	AL	CHA	CHW	C	5	162	81.0	63	99	...	Chicago Cubs	Wrigley Field	2642682.0	104	105	CHC	CHN	CHN	38.888889	120065277.0
801	2013	AL	CLE	CLE	C	2	162	81.0	92	70	...	Cleveland Indians	Progressive Field	1572926.0	93	94	CLE	CLE	CLE	56.790123	75771800.0
802	2013	AL	DET	DET	C	1	162	81.0	93	69	...	Detroit Tigers	Comerica Park	3083397.0	106	105	DET	DET	DET	57.407407	145989500.0
803	2013	AL	HOU	HOU	W	5	162	81.0	51	111	...	Houston Astros	Minute Maid Park	1651883.0	99	101	HOU	HOU	HOU	31.481481	17890700.0
804	2013	AL	KCA	KCR	C	3	162	81.0	86	76	...	Kansas City Royals	Kauffman Stadium	1750754.0	103	103	KCR	KCA	KCA	53.086420	80091725.0
805	2013	AL	LAA	ANA	W	3	162	81.0	78	84	...	Los Angeles Angels of Anaheim	Angel Stadium of Anaheim	3019505.0	94	94	LAA	ANA	ANA	48.148148	124174750.0
806	2013	AL	MIN	MIN	C	4	162	81.0	66	96	...	Minnesota Twins	Target Field	2477644.0	99	101	MIN	MIN	MIN	40.740741	75337500.0
807	2013	AL	NYA	NYY	E	4	162	81.0	85	77	...	New York Yankees	Yankee Stadium III	3279589.0	102	101	NYY	NYA	NYA	52.469136	231978886.0
808	2013	AL	OAK	OAK	W	1	162	81.0	96	66	...	Oakland Athletics	O.co Coliseum	1809302.0	95	93	OAK	OAK	OAK	59.259259	60132500.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamDIAhman45	teamIDreto	win_percentage	total_payroll
809	2013	AL	SEA	SEA	W	4	162	81.0	71	91	...	Seattle Mariners	Safeco Field	1761546.0	92	92	SEA	SEA	SEA	43.827160	74005043.0
810	2013	AL	TBA	TBD	E	2	163	81.0	92	71	...	Tampa Bay Rays	Tropicana Field	1510300.0	96	95	TBR	TBA	TBA	56.441718	52955272.0
811	2013	AL	TEX	TEX	W	2	163	82.0	91	72	...	Texas Rangers	Rangers Ballpark in Arlington	3178273.0	104	103	TEX	TEX	TEX	55.828221	112522600.0
812	2013	AL	TOR	TOR	E	5	162	81.0	74	88	...	Toronto Blue Jays	Rogers Centre	2536562.0	102	102	TOR	TOR	TOR	45.679012	126288100.0
813	2013	NL	ARI	ARI	W	2	162	81.0	81	81	...	Arizona Diamondbacks	Chase Field	2134795.0	102	102	ARI	ARI	ARI	50.000000	90132000.0
814	2013	NL	ATL	ATL	E	1	162	81.0	96	66	...	Atlanta Braves	Turner Field	2548679.0	104	103	ATL	ATL	ATL	59.259259	87871525.0
815	2013	NL	CHN	CHC	C	5	162	81.0	66	96	...	Chicago White Sox	U.S. Cellular Field	1768413.0	107	107	CHW	CHA	CHA	40.740741	100567726.0
816	2013	NL	CIN	CIN	C	3	162	80.0	90	72	...	Cincinnati Reds	Great American Ball Park	2534369.0	103	102	CIN	CIN	CIN	55.555556	106404462.0
817	2013	NL	COL	COL	W	5	162	81.0	74	88	...	Colorado Rockies	Coors Field	2793828.0	117	118	COL	COL	COL	45.679012	74409071.0
818	2013	NL	LAN	LAD	W	1	162	81.0	92	70	...	Los Angeles Dodgers	Dodger Stadium	3743527.0	95	95	LAD	LAN	LAN	56.790123	223362196.0
819	2013	NL	MIA	FLA	E	5	162	81.0	62	100	...	Miami Marlins	Marlins Park	1586322.0	102	103	MIA	FLO	MIA	38.271605	33601900.0
820	2013	NL	MIL	MIL	C	4	162	81.0	74	88	...	Milwaukee Brewers	Miller Park	2531105.0	105	105	MIL	ML4	MIL	45.679012	76947033.0
821	2013	NL	NYN	NYM	E	4	162	81.0	74	88	...	New York Mets	Citi Field	2135657.0	94	95	NYM	NYN	NYN	45.679012	49448346.0
822	2013	NL	PHI	PHI	E	4	162	81.0	73	89	...	Philadelphia Phillies	Citizens Bank Park	3012403.0	101	102	PHI	PHI	PHI	45.061728	169863189.0
823	2013	NL	PIT	PIT	C	2	162	81.0	94	68	...	Pittsburgh Pirates	PNC Park	2256862.0	94	94	PIT	PIT	PIT	58.024691	77062000.0
824	2013	NL	SDN	SDP	W	3	162	81.0	76	86	...	San Diego Padres	Petco Park	2166691.0	91	91	SDP	SDN	SDN	46.913580	65585500.0
825	2013	NL	SFN	SFG	W	4	162	82.0	76	86	...	San Francisco Giants	AT&T Park	3326796.0	90	89	SFG	SFN	SFN	46.913580	140180334.0
826	2013	NL	SLN	STL	C	1	162	81.0	97	65	...	St. Louis Cardinals	Busch Stadium III	3369769.0	99	97	STL	SLN	SLN	59.876543	92260110.0
827	2013	NL	WAS	WSN	E	2	162	81.0	86	76	...	Washington Nationals	Nationals Park	2652422.0	102	101	WSN	MON	WAS	53.086420	113703270.0
828	2014	AL	BAL	BAL	E	1	162	81.0	96	66	...	Baltimore Orioles	Oriole Park at Camden Yards	2464473.0	100	100	BAL	BAL	BAL	59.259259	103416000.0
829	2014	AL	BOS	BOS	E	5	162	81.0	71	91	...	Boston Red Sox	Fenway Park II	2956089.0	102	101	BOS	BOS	BOS	43.827160	139019929.0
830	2014	AL	CHA	CHW	C	4	162	81.0	73	89	...	Chicago Cubs	Wrigley Field	2652113.0	103	104	CHC	CHN	CHN	45.061728	81830500.0
831	2014	AL	CLE	CLE	C	3	162	81.0	85	77	...	Cleveland Indians	Progressive Field	1437393.0	97	97	CLE	CLE	CLE	52.469136	82151899.0
832	2014	AL	DET	DET	C	1	162	81.0	90	72	...	Detroit Tigers	Comerica Park	2917209.0	105	104	DET	DET	DET	55.555556	152855500.0
833	2014	AL	HOU	HOU	W	4	162	81.0	70	92	...	Houston Astros	Minute Maid Park	1751829.0	101	102	HOU	HOU	HOU	43.209877	35116300.0
834	2014	AL	KCA	KCR	C	2	162	81.0	89	73	...	Kansas City Royals	Kauffman Stadium	1956482.0	105	104	KCR	KCA	KCA	54.938272	74594075.0
835	2014	AL	LAA	ANA	W	1	162	81.0	98	64	...	Los Angeles Angels of Anaheim	Angel Stadium of Anaheim	3095935.0	96	95	LAA	ANA	ANA	60.493827	121988250.0
836	2014	AL	MIN	MIN	C	5	162	81.0	70	92	...	Minnesota Twins	Target Field	2250606.0	102	103	MIN	MIN	MIN	43.209877	83762500.0
837	2014	AL	NYA	NYN	E	2	162	81.0	84	78	...	New York Yankees	Yankee Stadium III	3401624.0	100	101	NYN	NYA	NYA	51.851852	197543907.0
838	2014	AL	OAK	OAK	W	2	162	81.0	88	74	...	Oakland Athletics	O.co Coliseum	2003628.0	99	97	OAK	OAK	OAK	54.320988	72408400.0
839	2014	AL	SEA	SEA	W	3	162	81.0	87	75	...	Seattle Mariners	Safeco Field	2064334.0	95	95	SEA	SEA	SEA	53.703704	92531100.0
840	2014	AL	TBA	TBD	E	4	162	81.0	77	85	...	Tampa Bay Rays	Tropicana Field	1446464.0	97	97	TBR	TBA	TBA	47.530864	72689100.0
841	2014	AL	TEX	TEX	W	5	162	81.0	67	95	...	Texas Rangers	Rangers Ballpark in Arlington	2718733.0	101	101	TEX	TEX	TEX	41.358025	112255059.0
842	2014	AL	TOR	TOR	E	3	162	81.0	83	79	...	Toronto Blue Jays	Rogers Centre	2375525.0	102	102	TOR	TOR	TOR	51.234568	109920100.0
843	2014	NL	ARI	ARI	W	5	162	81.0	64	98	...	Arizona Diamondbacks	Chase Field	2073730.0	102	102	ARI	ARI	ARI	39.506173	97861500.0
844	2014	NL	ATL	ATL	E	2	162	81.0	79	83	...	Atlanta Braves	Turner Field	2354305.0	99	99	ATL	ATL	ATL	48.765432	97609000.0
845	2014	NL	CHN	CHC	C	5	162	81.0	73	89	...	Chicago White Sox	U.S. Cellular Field	1650821.0	100	101	CHW	CHA	CHA	45.061728	65522500.0
846	2014	NL	CIN	CIN	C	4	162	81.0	76	86	...	Cincinnati Reds	Great American Ball Park	2476664.0	98	98	CIN	CIN	CIN	46.913580	108217500.0
847	2014	NL	COL	COL	W	4	162	81.0	66	96	...	Colorado Rockies	Coors Field	2680329.0	115	116	COL	COL	COL	40.740741	95403500.0
848	2014	NL	LAN	LAD	W	1	162	81.0	94	68	...	Los Angeles Dodgers	Dodger Stadium	3782337.0	96	95	LAD	LAN	LAN	58.024691	217014600.0
849	2014	NL	MIA	FLA	E	4	162	81.0	77	85	...	Miami Marlins	Marlins Park	1732283.0	103	104	MIA	FLO	MIA	47.530864	41836900.0
850	2014	NL	MIL	MIL	C	3	162	81.0	82	80	...	Milwaukee Brewers	Miller Park	2797384.0	102	103	MIL	ML4	MIL	50.617284	101217000.0
851	2014	NL	NYN	NYM	E	3	162	81.0	79	83	...	New York Mets	Citi Field	2148808.0	94	95	NYM	NYN	NYN	48.765432	30750000.0
852	2014	NL	PHI	PHI	E	5	162	81.0	73	89	...	Philadelphia Phillies	Citizens Bank Park	2423852.0	100	101	PHI	PHI	PHI	45.061728	180944967.0
853	2014	NL	PIT	PIT	C	2	162	81.0	88	74	...	Pittsburgh Pirates	PNC Park	2442564.0	98	97	PIT	PIT	PIT	54.320988	77178000.0
854	2014	NL	SDN	SDP	W	3	162	81.0	77	85	...	San Diego Padres	Petco Park	2195373.0	91	91	SDP	SDN	SDN	47.530864	75685700.0

	yearID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	name	park	attendance	BPF	PPF	teamIDBR	teamIDLahman45	teamIDDretro	win_percentage	total_payroll
855	2014	NL	SFN	SFG	W	2	162	81.0	88	74	...	San Francisco Giants	AT&T Park	3368697.0	95	95	SFG	SFN	SFN	54.320988	20000000.0
856	2014	NL	SLN	STL	C	1	162	81.0	90	72	...	St. Louis Cardinals	Busch Stadium III	3540649.0	101	100	STL	SLN	SLN	55.555556	120693000.0
857	2014	NL	WAS	WSN	E	1	162	81.0	96	66	...	Washington Nationals	Nationals Park	2579389.0	104	102	WSN	MON	WAS	59.259259	131983680.0

158 rows × 50 columns

Part 2

Problem 2

Plot of Yearly payroll vs Year is depicted in the graph

```
In [3]: all_teams = teams[teams['yearID'] >= 1990]
unique_teams = all_teams.teamID.unique()
warnings.simplefilter(action="ignore", category=SettingWithCopyWarning)

In [4]: sub_teams = teams[teams['yearID'] >= 1990]
sub_teams['yearID'].astype('int')
sub_teams['total_payroll'].astype('float')

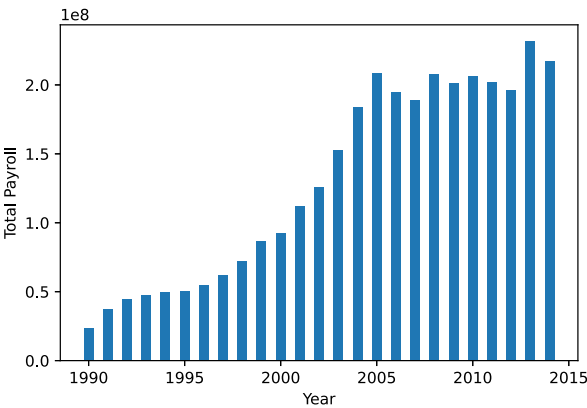
# reducing the size of the table for faster processing
sub_teams = sub_teams[['yearID', 'total_payroll', 'win_percentage']]

ax = plt.subplot()

# Ploting a bar graph based on the total payroll in that year vs the year
ax.bar(sub_teams['yearID'], sub_teams['total_payroll'],width=0.5)

# Labeling the axis
plt.xlabel('Year')
plt.ylabel('Total Payroll')
plt.show()

pd.set_option('display.max_rows', 1000)
# sub_teams
```



Question 1

The total payroll for the year keeps on increasing over the years. With time the total payroll made by the all the teams in the year is increasing with each year. The overall spread in increasing over time. The mean of the overall graph would be around 0.6*10^8 looking at the graph. The trend for payrolls increases over time.

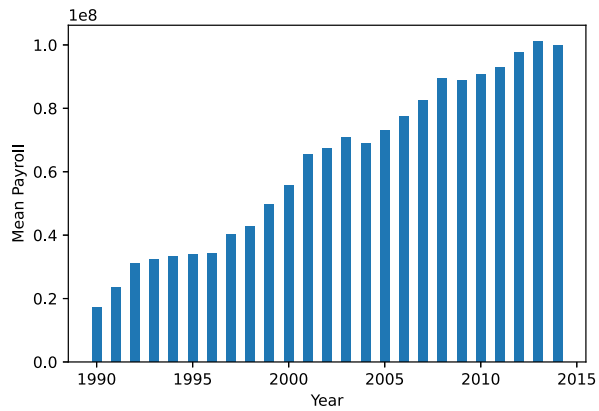
Problem 3

```
In [5]: # creating copy of the team table with yearID, total_payroll and win_percentage
sub_teams_avg = sub_teams.copy()

# mean of each years total payroll
sub_teams_avg = sub_teams_avg.groupby('yearID', as_index=False).mean()

ax = plt.subplot()

# bar graph plot of Mean total payroll vs Time
ax.bar(sub_teams_avg['yearID'], sub_teams_avg['total_payroll'],width=0.5)
# Labeling of axis
plt.xlabel('Year')
plt.ylabel('Mean Payroll')
plt.show()
# sub_teams_avg
```



Problem 4

```
In [6]: def cutting(a):
        bins = [1990, 1995, 2000, 2005, 2010, 2015]

        # Cut the teams to a period of [1990,1995) ...
        a.loc[:, 'yearID'] = pd.cut(a['yearID'], bins, right=False).astype(str)

        # storing the average values of payroll and win percentage
        a_avg = a.groupby(a['yearID'], as_index=False).mean()

        return a_avg
```

```

In [7]: def plotting_scatter(sub_teams_avg, str):

    colors = np.array(["red", "green", "yellow", "pink", "purple", "beige", "brown", "gray", "cyan", "magenta"])
    prior = 1990
    i = 0
    scatter = []

    # iterating over the mean total payroll of each year and plotting the scatter points
    # the scatter points show the mean total payroll with the mean winning percentage
    for index, row in sub_teams_avg.iterrows():

        if index == 0 and int(row.yearID[1:5]) == 1990:
            scatter.append(plt.scatter(row['total_payroll'], row['win_percentage'], color= colors[i]))

        elif int(row.yearID[1:5]) != prior:
            i+=1
            prior = int(row.yearID[1:5])
            scatter.append(plt.scatter(row['total_payroll'], row['win_percentage'], color= colors[i]))

        else:
            plt.scatter(row['total_payroll'], row['win_percentage'], color= colors[i])

    # slope and intercept of the polyfit line
    slope, intercept = np.polyfit(sub_teams_avg['total_payroll'], sub_teams_avg['win_percentage'], deg = 1)

    # x values of the line
    abline_values = [slope * i + intercept for i in sub_teams_avg['total_payroll']]

    # plotting the polyfit line
    line = plt.plot(sub_teams_avg['total_payroll'], abline_values, 'b')

    # for the Legend of the polyfit line
    mask = sub_teams_avg['win_percentage'] > 100
    scatter.append(plt.scatter(sub_teams_avg[mask], sub_teams_avg[mask], color= "blue"))

    # Legend of the year range
    plt.legend(scatter,
               ('[1990, 1995)', '[1995, 2000)', '[2000, 2005)', '[2005, 2010)', '[2010, 2015)', 'Best Fit)'),
               scatterpoints=1,
               loc='lower left',
               ncol=3,
               fontsize=8)

    # Label of the graph
    plt.xlabel('Mean Payroll')
    plt.ylabel('Mean Winning Percentage')
    plt.title(str)
    plt.show()

    # calculate the max payroll contributors for each year

def individual(str):
    in_team_lst = []
    in_team_lst = teams['teamID'].apply(lambda x: True if x == str else False)
    in_team = teams[in_team_lst]

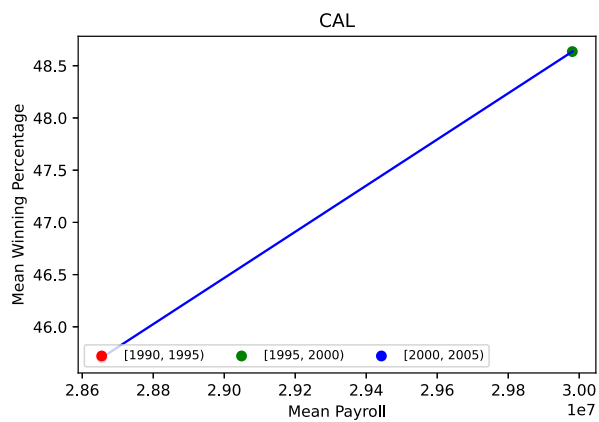
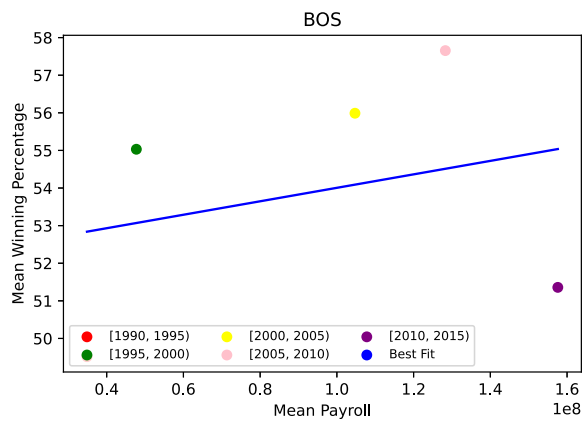
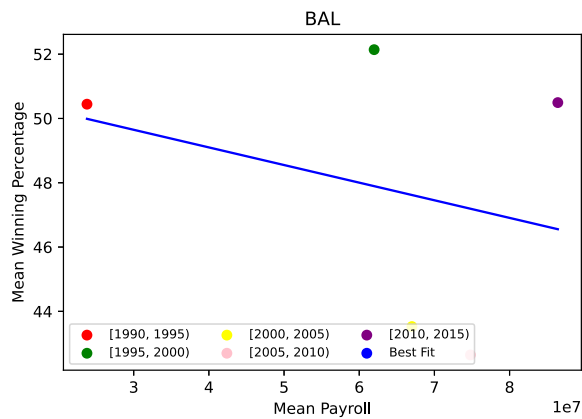
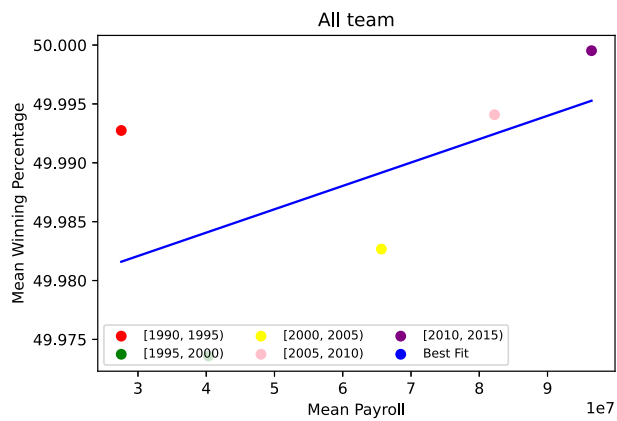
    return in_team

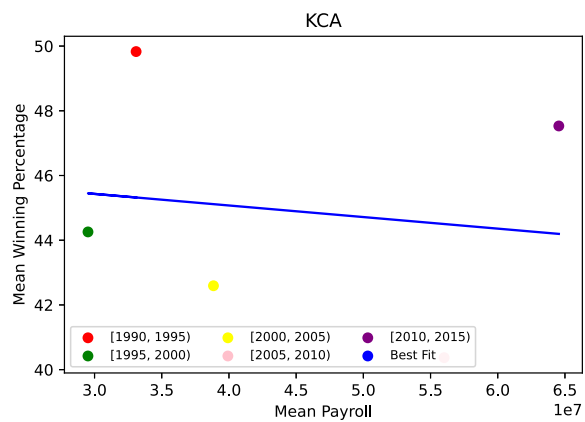
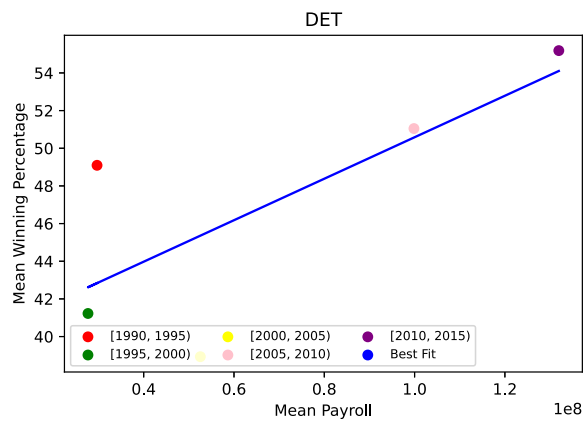
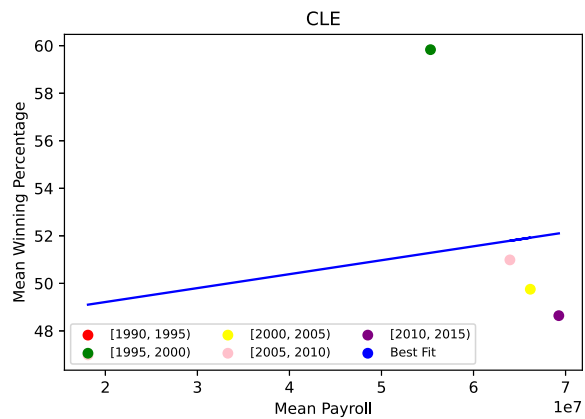
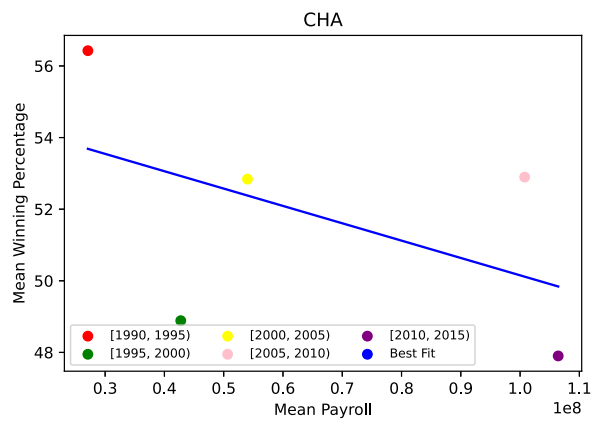
# plot all the teams
sub_teams_avg = cutting(sub_teams[['yearID', 'total_payroll', 'win_percentage']])
plotting_scatter(sub_teams_avg, "All team")

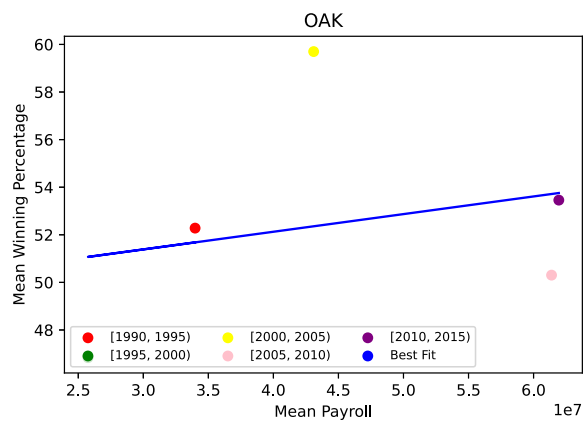
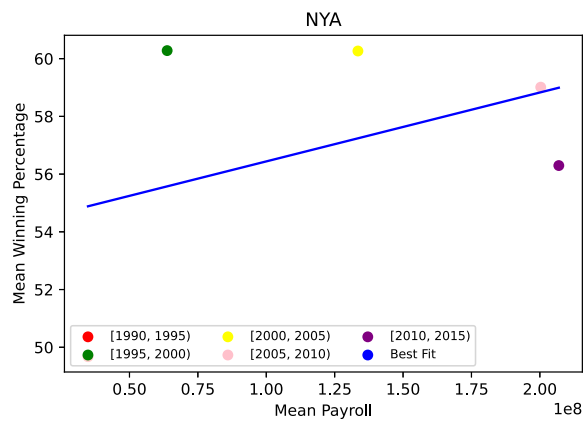
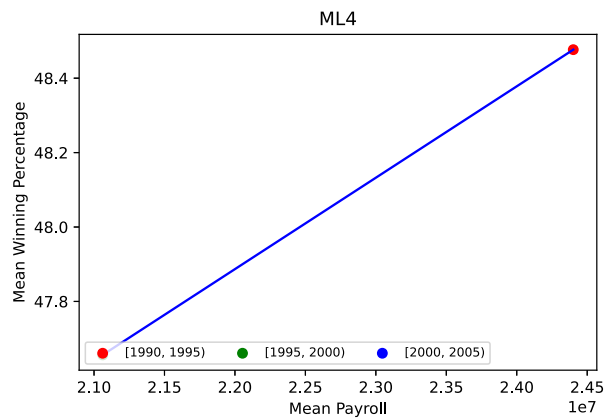
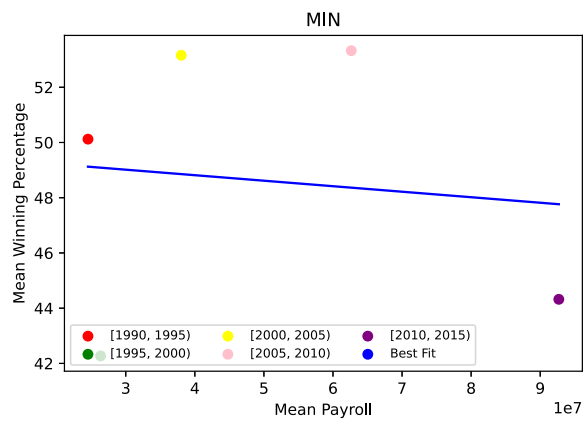
# plot of individual teams
for x in unique_teams:

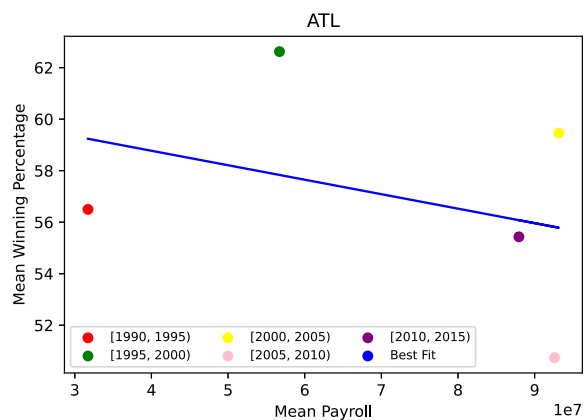
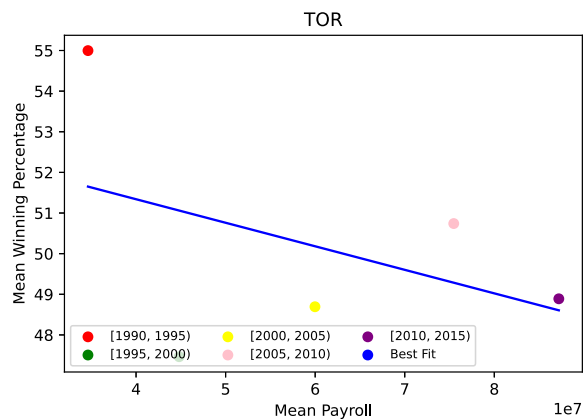
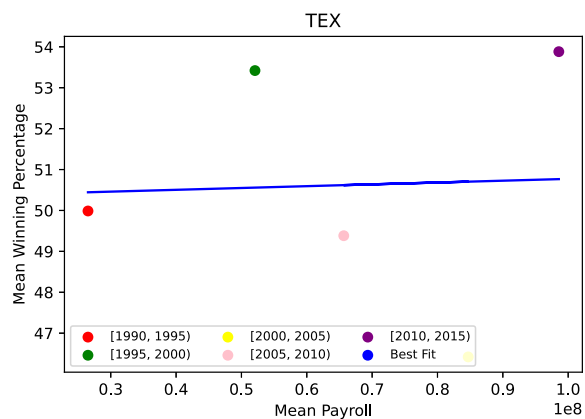
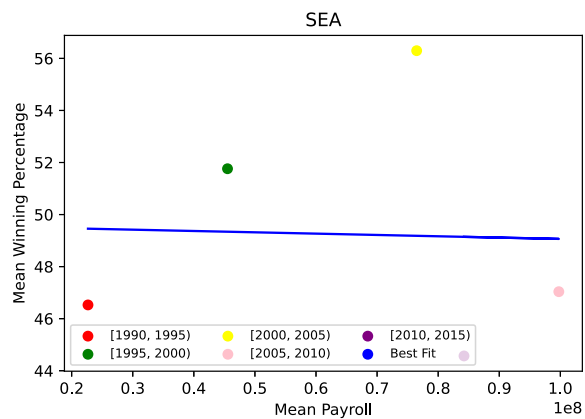
    individual_team = individual(x)
    individual_team = cutting(individual_team[['yearID', 'total_payroll', 'win_percentage']])
    plotting_scatter(individual_team, x)

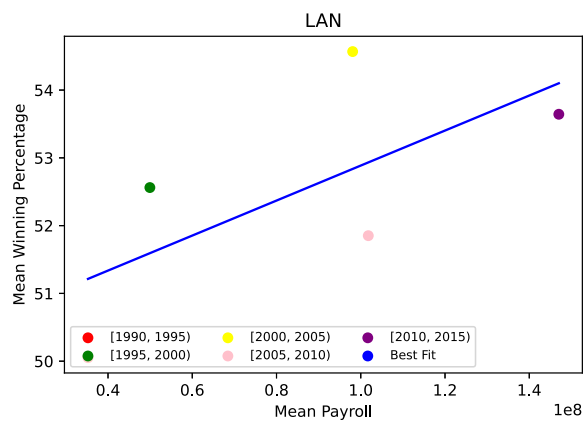
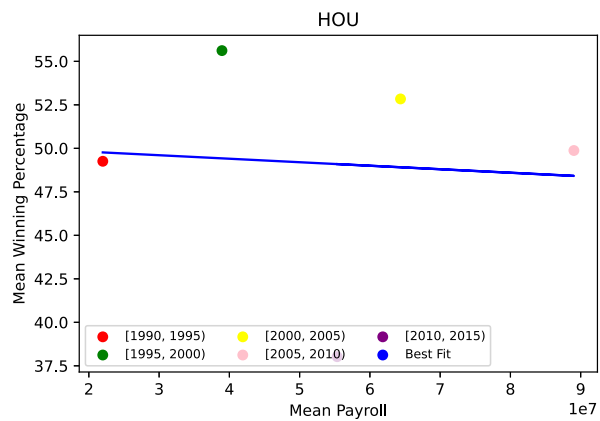
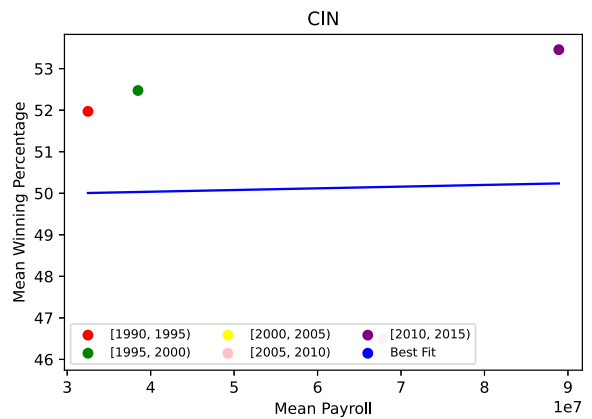
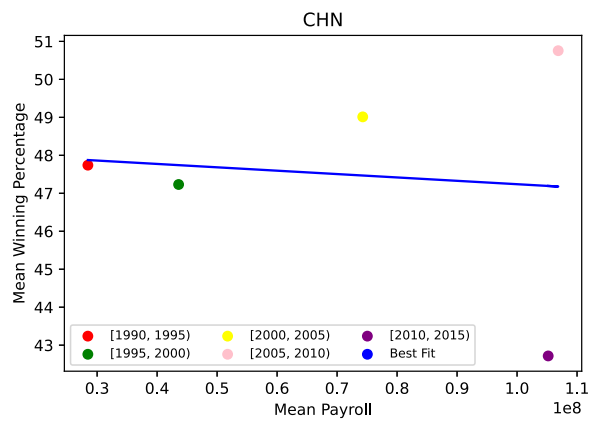
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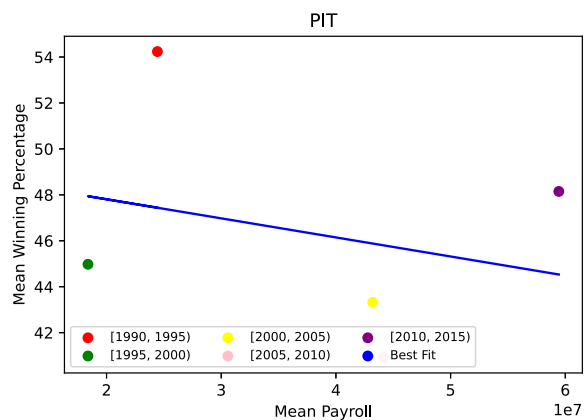
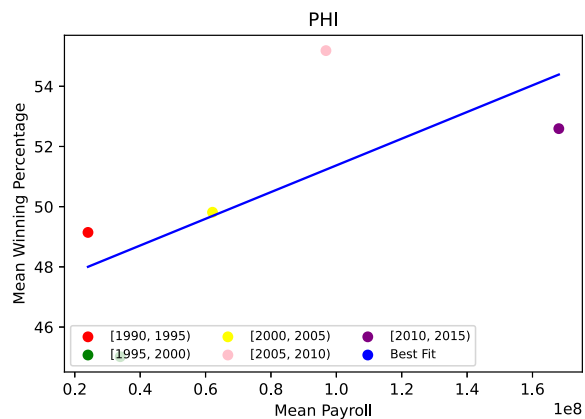
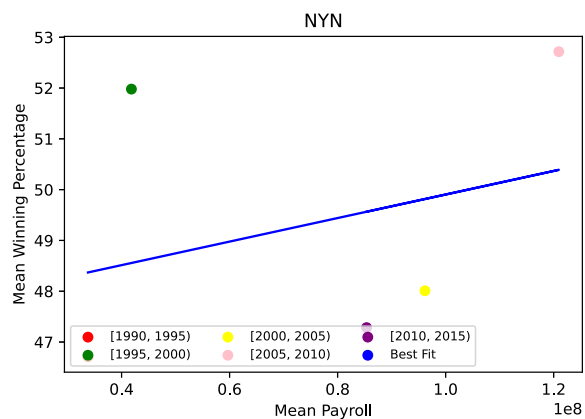
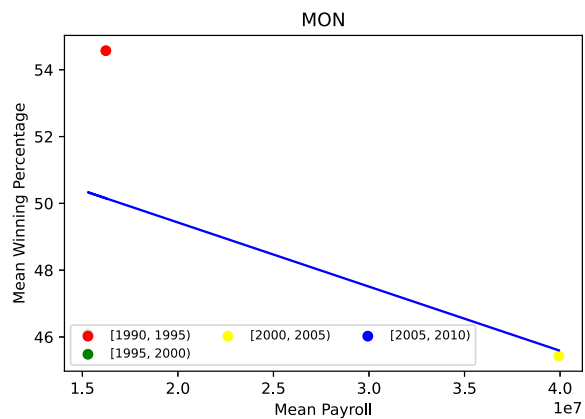



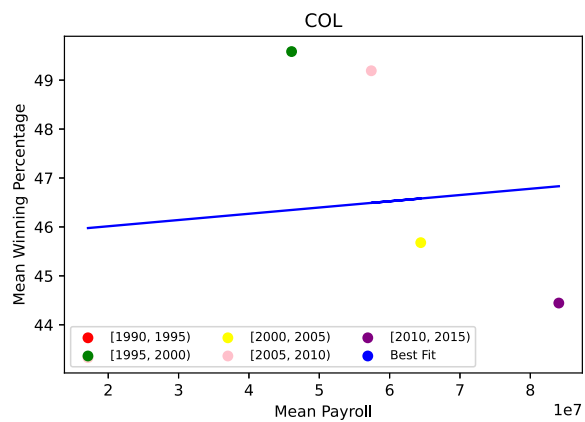
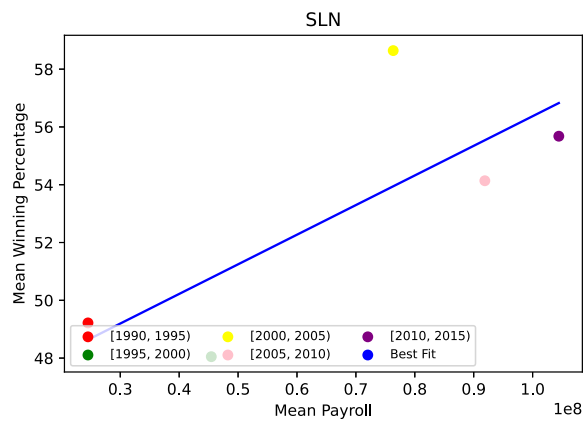
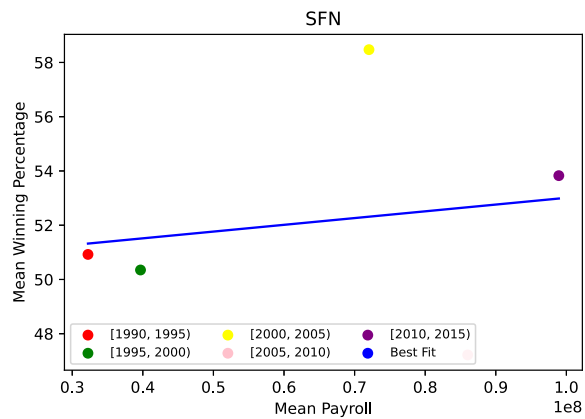
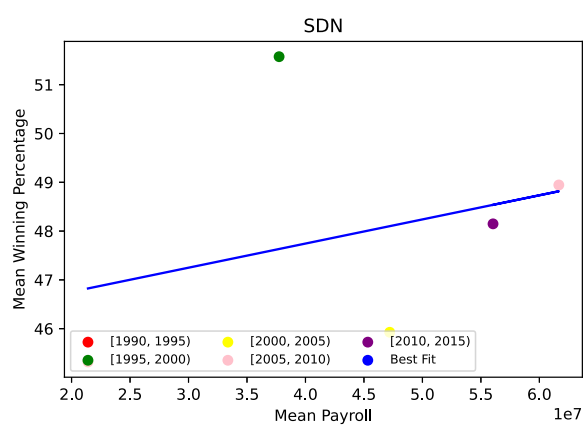


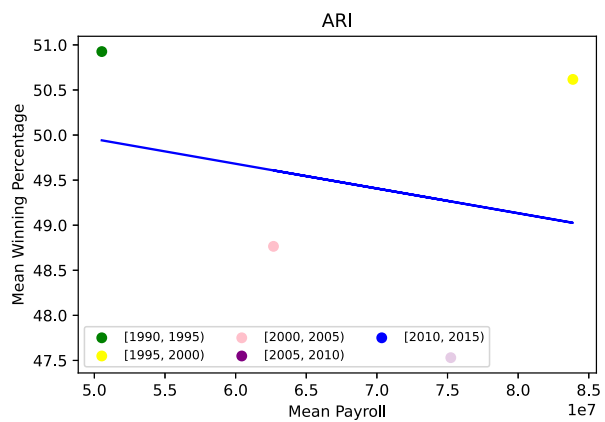
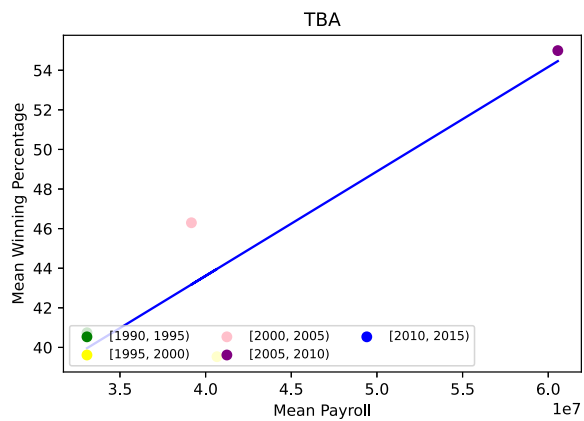
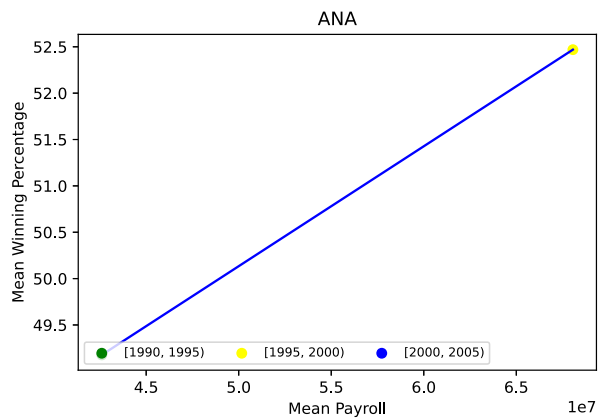
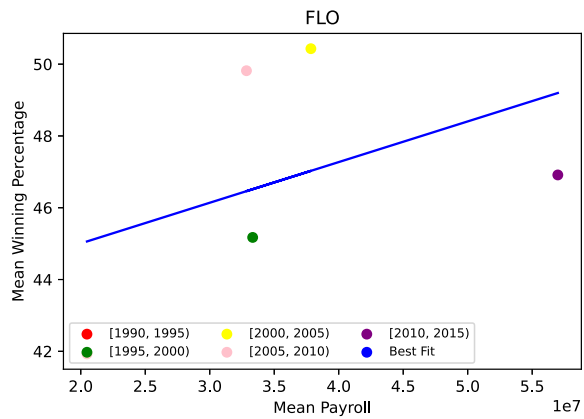


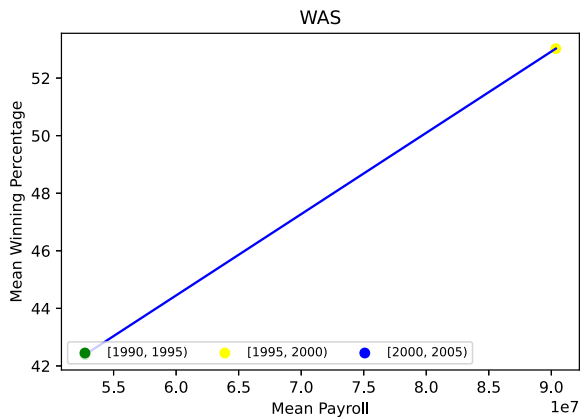
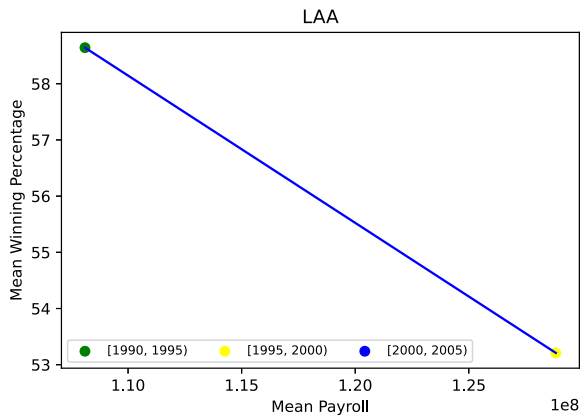
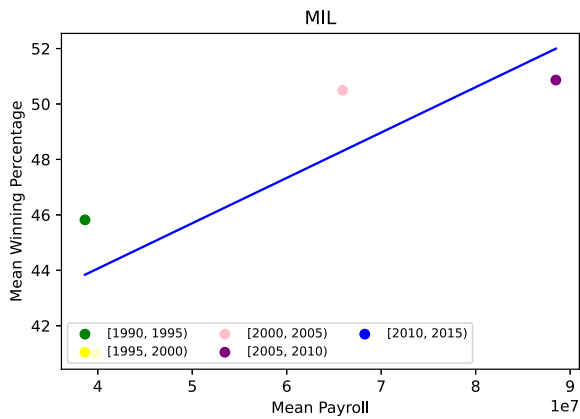




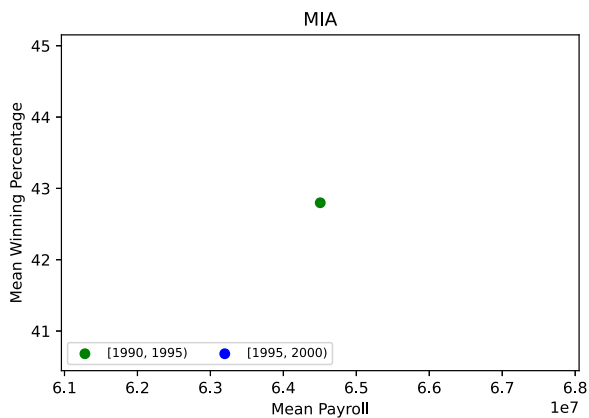








```
<ipython-input-7-2c0f7b9cf25d>:71: RankWarning: Polyfit may be poorly conditioned
plotting_scatter(individual_team, x)
```



Question 2

Looking at the graph it can be seen that the best fit line is also increasing with time. Some of the teams such as BOS, PHI have invested high amount in payroll and have received higher winning percentage. BOS and PHI have one of the highest investment of about 1.6×10^8 and have seen results. Some teams have shown a downward trending line with increasing the investment like TOR. Oakland A's has had a steady increase in mean payroll vs mean win percentage. They have been efficient since they have been paying less payroll however have been able to increase their winning percentage.

Part 3

Problem 5

```
In [8]: new_teams = teams.copy()

# grouping calculate the standard deviation of the total_payroll
stdev_payroll = new_teams[['yearID', 'total_payroll']].groupby('yearID', as_index=False).std()

# renaming the columns
stdev_payroll.rename(columns={'total_payroll': 'stdev_payroll'}, inplace=True)

# grouping calculate the mean of the total_payroll
avg_payroll = new_teams[['yearID', 'total_payroll']].groupby('yearID', as_index=False).mean()

# renaming the columns
avg_payroll.rename(columns={'total_payroll': 'mean_payroll'}, inplace=True)

# adding mean payroll and std payroll to the new teams table
new_teams['mean_payroll'] = new_teams['yearID'].apply(lambda x: (avg_payroll[avg_payroll['yearID'] == x]).iloc[0]['mean_payroll'])

new_teams['stdev_payroll'] = new_teams['yearID'].apply(lambda x: (stdev_payroll[stdev_payroll['yearID'] == x]).iloc[0]['stdev_payroll'])

new_teams.insert(52, 'standardized_payroll', 0.0)

# Calculating and storing standarized payroll
for index, row in new_teams.iterrows():
    new_teams['standardized_payroll'][index] = float(row.total_payroll - row.mean_payroll)/row.stdev_payroll

new_teams
```

Out[8]:

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PPF	teamIDBR	teamIDlahman45	teamIDretro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1985	AL	BAL	BAL	E	4	161	81.0	83	78	...	97	97	BAL	BAL	BAL	51.552795	11560712.0	1.007557e+07	2.470845e+06	0.601068
1985	AL	BOS	BOS	E	5	163	81.0	81	81	...	104	104	BOS	BOS	BOS	49.693252	10897560.0	1.007557e+07	2.470845e+06	0.332678
1985	AL	CAL	ANA	W	2	162	79.0	90	72	...	100	100	CAL	CAL	CAL	55.555556	14427894.0	1.007557e+07	2.470845e+06	1.761474
1985	AL	CHA	CHW	W	3	163	81.0	85	77	...	104	104	CHW	CHA	CHA	52.147239	9846178.0	1.007557e+07	2.470845e+06	-0.092838
1985	AL	CLE	CLE	E	7	162	81.0	60	102	...	99	100	CLE	CLE	CLE	37.037037	6551666.0	1.007557e+07	2.470845e+06	-1.426192
1985	AL	DET	DET	E	3	161	81.0	84	77	...	100	98	DET	DET	DET	52.173913	10348143.0	1.007557e+07	2.470845e+06	0.110318
1985	AL	KCA	KCR	W	1	162	82.0	91	71	...	100	100	KCR	KCA	KCA	56.172840	9321179.0	1.007557e+07	2.470845e+06	-0.305315
1985	AL	MIN	MIN	W	4	162	84.0	77	85	...	105	105	MIN	MIN	MIN	47.530864	5764821.0	1.007557e+07	2.470845e+06	-1.744643
1985	AL	ML4	MIL	E	6	161	80.0	71	90	...	100	101	MIL	MIL	MIL	44.099379	11284107.0	1.007557e+07	2.470845e+06	0.489121
1985	AL	NYA	NYN	E	2	161	80.0	97	64	...	98	97	NYN	NYA	NYA	60.248447	14238204.0	1.007557e+07	2.470845e+06	1.684702
1985	AL	OAK	OAK	W	4	162	79.0	77	85	...	92	92	OAK	OAK	OAK	47.530864	9058606.0	1.007557e+07	2.470845e+06	-0.411584
1985	AL	SEA	SEA	W	6	162	83.0	74	88	...	100	101	SEA	SEA	SEA	45.679012	4613000.0	1.007557e+07	2.470845e+06	-2.210808
1985	AL	TEX	TEX	W	7	161	80.0	62	99	...	101	102	TEX	TEX	TEX	38.509317	7676500.0	1.007557e+07	2.470845e+06	-0.970949
1985	AL	TOR	TOR	E	1	161	80.0	99	62	...	104	103	TOR	TOR	TOR	61.490683	8812550.0	1.007557e+07	2.470845e+06	-0.511167
1985	NL	ATL	ATL	W	5	162	81.0	66	96	...	105	106	ATL	ATL	ATL	40.740741	14807000.0	1.007557e+07	2.470845e+06	1.914905
1985	NL	CHN	CHC	E	4	162	81.0	77	84	...	110	110	CHC	CHN	CHN	47.530864	12702917.0	1.007557e+07	2.470845e+06	1.063341
1985	NL	CIN	CIN	W	2	162	81.0	89	72	...	104	105	CIN	CIN	CIN	54.938272	8359917.0	1.007557e+07	2.470845e+06	-0.694357
1985	NL	HOU	HOU	W	3	162	81.0	83	79	...	97	96	HOU	HOU	HOU	51.234568	9993051.0	1.007557e+07	2.470845e+06	-0.033395
1985	NL	LAN	LAD	W	1	162	81.0	95	67	...	97	96	LAD	LAN	LAN	58.641975	10967917.0	1.007557e+07	2.470845e+06	0.361152
1985	NL	MON	WSN	E	3	161	81.0	84	77	...	95	95	MON	MON	MON	52.173913	9470166.0	1.007557e+07	2.470845e+06	-0.245017
1985	NL	NYN	NYM	E	2	162	81.0	98	64	...	99	97	NYM	NYN	NYN	60.493827	10834762.0	1.007557e+07	2.470845e+06	0.307262
1985	NL	PHI	PHI	E	5	162	81.0	75	87	...	103	103	PHI	PHI	PHI	46.296296	10124966.0	1.007557e+07	2.470845e+06	0.019993
1985	NL	PIT	PIT	E	6	161	80.0	57	104	...	99	100	PIT	PIT	PIT	35.403727	9227500.0	1.007557e+07	2.470845e+06	-0.343229
1985	NL	SDN	SDP	W	3	162	81.0	83	79	...	99	99	SDP	SDN	SDN	51.234568	11036583.0	1.007557e+07	2.470845e+06	0.388943
1985	NL	SFN	SFG	W	6	162	81.0	62	100	...	95	96	SFG	SFN	SFN	38.271605	8221714.0	1.007557e+07	2.470845e+06	-0.750290
1985	NL	SLN	STL	E	1	162	81.0	101	61	...	100	99	STL	SLN	SLN	62.345679	11817083.0	1.007557e+07	2.470845e+06	0.704827
1986	AL	BAL	BAL	E	7	162	79.0	73	89	...	98	99	BAL	BAL	BAL	45.061728	13001258.0	1.184056e+07	3.186956e+06	0.364203
1986	AL	BOS	BOS	E	1	161	81.0	95	66	...	101	100	BOS	BOS	BOS	59.006211	14402239.0	1.184056e+07	3.186956e+06	0.803802
1986	AL	CAL	ANA	W	1	162	82.0	92	70	...	99	99	CAL	CAL	CAL	56.790123	14427258.0	1.184056e+07	3.186956e+06	0.811652
1986	AL	CHA	CHW	W	5	162	81.0	72	90	...	104	104	CHW	CHA	CHA	44.444444	10418819.0	1.184056e+07	3.186956e+06	-0.446112
1986	AL	CLE	CLE	E	5	163	81.0	84	78	...	98	99	CLE	CLE	CLE	51.533742	7809500.0	1.184056e+07	3.186956e+06	-1.264861
1986	AL	DET	DET	E	3	162	81.0	87	75	...	100	99	DET	DET	DET	53.703704	12335714.0	1.184056e+07	3.186956e+06	0.155369
1986	AL	KCA	KCR	W	3	162	81.0	76	86	...	102	101	KCR	KCA	KCA	46.913580	13043698.0	1.184056e+07	3.186956e+06	0.377520
1986	AL	MIN	MIN	W	6	162	81.0	71	91	...	102	102	MIN	MIN	MIN	43.827160	8748167.0	1.184056e+07	3.186956e+06	-0.970327
1986	AL	ML4	MIL	E	6	161	80.0	77	84	...	103	104	MIL	MIL	MIL	47.826087	9943642.0	1.184056e+07	3.186956e+06	-0.595213
1986	AL	NYA	NYN	E	2	162	80.0	90	72	...	99	98	NYN	NYA	NYA	55.555556	18494253.0	1.184056e+07	3.186956e+06	2.087790
1986	AL	OAK	OAK	W	3	162	83.0	76	86	...	92	92	OAK	OAK	OAK	46.913580	9779421.0	1.184056e+07	3.186956e+06	-0.646742
1986	AL	SEA	SEA	W	7	162	82.0	67	95	...	100	101	SEA	SEA	SEA	41.358025	5958309.0	1.184056e+07	3.186956e+06	-1.845726
1986	AL	TEX	TEX	W	2	162	81.0	87	75	...	102	103	TEX	TEX	TEX	53.703704	6743119.0	1.184056e+07	3.186956e+06	-1.599469
1986	AL	TOR	TOR	E	4	163	81.0	86	76	...	103	102	TOR	TOR	TOR	52.760736	12611047.0	1.184056e+07	3.186956e+06	0.241763
1986	NL	ATL	ATL	W	6	161	81.0	72	89	...	105	106	ATL	ATL	ATL	44.720497	17102786.0	1.184056e+07	3.186956e+06	1.651177
1986	NL	CHN	CHC	E	5	160	80.0	70	90	...	107	108	CHC	CHN	CHN	43.750000	17208165.0	1.184056e+07	3.186956e+06	1.684242
1986	NL	CIN	CIN	W	2	162	81.0	86	76	...	104	104	CIN	CIN	CIN	53.086420	11906388.0	1.184056e+07	3.186956e+06	0.020656
1986	NL	HOU	HOU	W	1	162	81.0	96	66	...	97	96	HOU	HOU	HOU	59.259259	9873276.0	1.184056e+07	3.186956e+06	-0.617292
1986	NL	LAN	LAD	W	5	162	81.0	73	89	...	93	93	LAD	LAN	LAN	45.061728	14913776.0	1.184056e+07	3.186956e+06	0.964311
1986	NL	MON	WSN	E	4	161	80.0	78	83	...	100	100	MON	MON	MON	48.447205	11103600.0	1.184056e+07	3.186956e+06	-0.231242
1986	NL	NYN	NYM	E	1	162	81.0	108	54	...	98	96	NYM	NYN	NYN	66.666667	15393714.0	1.184056e+07	3.186956e+06	1.114906
1986	NL	PHI	PHI	E	2	161	80.0	86	75	...	104	104	PHI	PHI	PHI	53.416149	11590166.0	1.184056e+07	3.186956e+06	-0.078568
1986	NL	PIT	PIT	E	6	162	81.0	64	98	...	102	103	PIT	PIT	PIT	39.506173	10843500.0	1.184056e+07	3.186956e+06	-0.312856
1986	NL	SDN	SDP	W	4	162	81.0	74	88	...	98	98	SDP	SDN	SDN	45.679012	11380693.0	1.184056e+07	3.186956e+06	-0.144296
1986	NL	SFN	SFG	W	3	162	81.0	83	79	...	95	95	SFG	SFN	SFN	51.234568	8947000.0	1.184056e+07	3.186956e+06	-0.907938
1986	NL	SLN	STL	E	3	161	81.0	79	82	...	100	99	STL	SLN	SLN	49.068323	9875010.0	1.184056e+07	3.186956e+06	-0.616748
1987	AL	BAL	BAL	E	6	162	82.0	67	95	...	97	98	BAL	BAL	BAL	41.358025	13900273.0	1.048367e+07	3.848337e+06	0.887813
1987	AL	BOS	BOS	E	5	162	80.0	78	84	...	103	102	BOS	BOS	BOS	48.148148	10144167.0	1.048367e+07	3.848337e+06	-0.088220
1987	AL	CAL	ANA	W	6	162	81.0	75	87	...	97	97	CAL	CAL	CAL	46.296296	12843499.0	1.048367e+07	3.848337e+06	0.613208
1987	AL	CHA	CHW	W	5	162	81.0	77	85	...	103	103	CHW	CHA	CHA	47.530864	10641843.0	1.048367e+07	3.848337e+06	0.041102
1987	AL	CLE	CLE	E	7	162	81.0	61	101	...	100	101	CLE	CLE	CLE	37.654321	8513750.0	1.048367e+07	3.848337e+06	-0.511888
1987	AL	DET	DET	E	1	162	81.0	98	64	...	96	95	DET	DET	DET	60.493827	12112281.0	1.048367e+07	3.848337e+06	0.425954
1987	AL	KCA	KCR	W	2	162	81.0	83	79	...	102	102	KCR	KCA	KCA	51.234568	11828056.0	1.048367e+07	3.848337e+06	0.349343
1987	AL	MIN	MIN	W	1	162	81.0	85	77	...	103	103	MIN	MIN	MIN	52.469136	6397500.0	1.048367e+07	3.848337e+06	-1.061801
1987	AL	ML4	MIL	E	3	162	81.0	91	71	...	103	103	MIL	MIL	MIL	56.172840	72933224.0	1.048367e+07	3.848337e+06	-0.829045
1987	AL	NYA	NYN	E	4	162	81.0	89	73	...	99	99	NYN	NYA	NYA	54.938272	17099714.0	1.048367e+07	3.848337e+06	1.719196
1987	AL	OAK	OAK	W	3	162	81.0	81	81	...	93	93	OAK	OAK	OAK	50.000000	11680839.0	1.048367e+07	3.848337e+06	0.311088
1987	AL	SEA	SEA	W	4	162	81.0	78	84	...	105	106	SEA	SEA	SEA	48.148148	2263500.0	1.048367e+07	3.848337e+06	-2.136032
1987	AL	TEX	TEX	W	6	162	81.0	75	87	...	100	101								

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDlahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1987	NL	CIN	CIN	W	2	162	81.0	84	78	...	104	103	CIN	CIN	CIN	51.851852	9281500.0	1.048367e+07	3.848337e+06	-0.312386
1987	NL	HOU	HOU	W	3	162	81.0	76	86	...	96	96	HOU	HOU	HOU	46.913580	12608371.0	1.048367e+07	3.848337e+06	0.552109
1987	NL	LAN	LAD	W	4	162	81.0	73	89	...	98	98	LAD	LAN	LAN	45.061728	13675403.0	1.048367e+07	3.848337e+06	0.829380
1987	NL	MON	WSN	E	3	162	81.0	91	71	...	103	103	MON	MON	MON	56.172840	6942052.0	1.048367e+07	3.848337e+06	-0.920298
1987	NL	NYN	NYM	E	2	162	81.0	92	70	...	95	93	NYM	NYN	NYN	56.790123	13846714.0	1.048367e+07	3.848337e+06	0.873896
1987	NL	PHI	PHI	E	4	162	81.0	80	82	...	103	104	PHI	PHI	PHI	49.382716	11514233.0	1.048367e+07	3.848337e+06	0.267795
1987	NL	PIT	PIT	E	4	162	81.0	80	82	...	100	100	PIT	PIT	PIT	49.382716	7652000.0	1.048367e+07	3.848337e+06	-0.735816
1987	NL	SDN	SDP	W	6	162	81.0	65	97	...	96	97	SDP	SDN	SDN	40.123457	11065796.0	1.048367e+07	3.848337e+06	0.151267
1987	NL	SFN	SFG	W	1	162	81.0	90	72	...	96	95	SFG	SFN	SFN	55.555556	7290000.0	1.048367e+07	3.848337e+06	-0.829883
1987	NL	SLN	STL	E	1	162	81.0	95	67	...	102	102	STL	SLN	SLN	58.641975	11758000.0	1.048367e+07	3.848337e+06	0.331138
1988	AL	BAL	BAL	E	7	161	80.0	54	107	...	97	98	BAL	BAL	BAL	33.540373	13532075.0	1.155586e+07	3.386331e+06	0.583585
1988	AL	BOS	BOS	E	1	162	81.0	89	73	...	105	104	BOS	BOS	BOS	54.938272	13896092.0	1.155586e+07	3.386331e+06	0.691081
1988	AL	CAL	ANA	W	4	162	81.0	75	87	...	97	97	CAL	CAL	CAL	46.296296	11947388.0	1.155586e+07	3.386331e+06	0.115619
1988	AL	CHA	CHW	W	5	161	81.0	71	90	...	100	100	CHW	CHA	CHA	44.099379	6390000.0	1.155586e+07	3.386331e+06	-1.525504
1988	AL	CLE	CLE	E	6	162	81.0	78	84	...	102	103	CLE	CLE	CLE	48.148148	8936500.0	1.155586e+07	3.386331e+06	-0.773511
1988	AL	DET	DET	E	2	162	81.0	88	74	...	97	97	DET	DET	DET	54.320988	12869571.0	1.155586e+07	3.386331e+06	0.387945
1988	AL	KCA	KCR	W	3	161	80.0	84	77	...	101	101	KCR	KCA	KCA	52.173913	14556562.0	1.155586e+07	3.386331e+06	0.886121
1988	AL	MIN	MIN	W	2	162	81.0	91	71	...	103	102	MIN	MIN	MIN	56.172840	12462666.0	1.155586e+07	3.386331e+06	0.267784
1988	AL	ML4	MIL	E	3	162	81.0	87	75	...	101	100	MIL	MIL	MIL	53.703704	8402000.0	1.155586e+07	3.386331e+06	-0.931351
1988	AL	NYA	NYY	E	5	161	80.0	85	76	...	99	100	NYY	NYA	NYA	52.795031	19441152.0	1.155586e+07	3.386331e+06	2.328565
1988	AL	OAK	OAK	W	1	162	81.0	104	58	...	97	96	OAK	OAK	OAK	64.197531	9690000.0	1.155586e+07	3.386331e+06	-0.550998
1988	AL	SEA	SEA	W	7	161	81.0	68	93	...	104	105	SEA	SEA	SEA	42.236025	7342450.0	1.155586e+07	3.386331e+06	-1.244241
1988	AL	TEX	TEX	W	6	161	81.0	70	91	...	102	103	TEX	TEX	TEX	43.478261	5342131.0	1.155586e+07	3.386331e+06	-1.834945
1988	AL	TOR	TOR	E	3	162	81.0	87	75	...	100	99	TOR	TOR	TOR	53.703704	12241225.0	1.155586e+07	3.386331e+06	0.202391
1988	NL	ATL	ATL	W	6	160	79.0	54	106	...	104	106	ATL	ATL	ATL	33.750000	12728174.0	1.155586e+07	3.386331e+06	0.346189
1988	NL	CHN	CHC	E	4	163	82.0	77	85	...	105	105	CHC	CHN	CHN	47.239264	13119198.0	1.155586e+07	3.386331e+06	0.461661
1988	NL	CIN	CIN	W	2	161	80.0	87	74	...	104	104	CIN	CIN	CIN	54.037267	8888409.0	1.155586e+07	3.386331e+06	-0.787712
1988	NL	HOU	HOU	W	5	162	81.0	82	80	...	96	96	HOU	HOU	HOU	50.617284	12286167.0	1.155586e+07	3.386331e+06	0.215663
1988	NL	LAN	LAD	W	1	162	81.0	94	67	...	98	97	LAD	LAN	LAN	58.024691	16850515.0	1.155586e+07	3.386331e+06	1.563537
1988	NL	MON	WSN	E	3	163	81.0	81	81	...	104	104	MON	MON	MON	49.693252	9603333.0	1.155586e+07	3.386331e+06	-0.576592
1988	NL	NYN	NYM	E	1	160	80.0	100	60	...	95	94	NYM	NYN	NYN	62.500000	15269314.0	1.155586e+07	3.386331e+06	1.096600
1988	NL	PHI	PHI	E	6	162	81.0	65	96	...	101	103	PHI	PHI	PHI	40.123457	13838000.0	1.155586e+07	3.386331e+06	0.673926
1988	NL	PIT	PIT	E	2	160	81.0	85	75	...	98	98	PIT	PIT	PIT	53.125000	5998500.0	1.155586e+07	3.386331e+06	-1.641116
1988	NL	SDN	SDP	W	3	161	81.0	83	78	...	99	99	SDP	SDN	SDN	51.552795	9561002.0	1.155586e+07	3.386331e+06	-0.589092
1988	NL	SFN	SFG	W	4	162	81.0	83	79	...	96	95	SFG	SFN	SFN	51.234568	12380000.0	1.155586e+07	3.386331e+06	0.243372
1988	NL	SLN	STL	E	5	162	81.0	76	86	...	101	101	STL	SLN	SLN	46.913580	12880000.0	1.155586e+07	3.386331e+06	0.391024
1989	AL	BAL	BAL	E	2	162	81.0	87	75	...	96	97	BAL	BAL	BAL	53.703704	8275167.0	1.384599e+07	3.568844e+06	-1.560960
1989	AL	BOS	BOS	E	3	162	81.0	83	79	...	107	106	BOS	BOS	BOS	51.234568	17481748.0	1.384599e+07	3.568844e+06	1.018750
1989	AL	CAL	ANA	W	3	162	81.0	91	71	...	98	98	CAL	CAL	CAL	56.172840	15097833.0	1.384599e+07	3.568844e+06	0.350770
1989	AL	CHA	CHW	W	7	161	80.0	69	92	...	97	98	CHW	CHA	CHA	42.857143	7265410.0	1.384599e+07	3.568844e+06	-1.843896
1989	AL	CLE	CLE	E	6	162	81.0	73	89	...	101	102	CLE	CLE	CLE	45.061728	9094500.0	1.384599e+07	3.568844e+06	-1.331380
1989	AL	DET	DET	E	7	162	81.0	59	103	...	98	99	DET	DET	DET	36.419753	15146404.0	1.384599e+07	3.568844e+06	0.364380
1989	AL	KCA	KCR	W	2	162	81.0	92	70	...	100	100	KCR	KCA	KCA	56.790123	18683568.0	1.384599e+07	3.568844e+06	1.355503
1989	AL	MIN	MIN	W	5	162	81.0	80	82	...	107	107	MIN	MIN	MIN	49.382716	15531666.0	1.384599e+07	3.568844e+06	0.472331
1989	AL	ML4	MIL	E	4	162	81.0	81	81	...	99	99	MIL	MIL	MIL	50.000000	11533000.0	1.384599e+07	3.568844e+06	-0.648106
1989	AL	NYA	NYY	E	5	161	81.0	74	87	...	99	99	NYY	NYA	NYA	45.962733	17114375.0	1.384599e+07	3.568844e+06	0.915811
1989	AL	OAK	OAK	W	1	162	81.0	99	63	...	97	95	OAK	OAK	OAK	61.111111	15613070.0	1.384599e+07	3.568844e+06	0.495141
1989	AL	SEA	SEA	W	6	162	81.0	73	89	...	103	104	SEA	SEA	SEA	45.061728	9779500.0	1.384599e+07	3.568844e+06	-1.139441
1989	AL	TEX	TEX	W	4	162	81.0	83	79	...	102	102	TEX	TEX	TEX	51.234568	11893781.0	1.384599e+07	3.568844e+06	-0.547014
1989	AL	TOR	TOR	E	1	162	81.0	89	73	...	94	94	TOR	TOR	TOR	54.938272	16261666.0	1.384599e+07	3.568844e+06	0.676879
1989	NL	ATL	ATL	W	6	161	79.0	63	97	...	102	104	ATL	ATL	ATL	39.130435	11112334.0	1.384599e+07	3.568844e+06	-0.765978
1989	NL	CHN	CHC	E	1	162	81.0	93	69	...	108	108	CHC	CHN	CHN	57.407407	10668000.0	1.384599e+07	3.568844e+06	-0.890481
1989	NL	CIN	CIN	W	5	162	81.0	75	87	...	104	103	CIN	CIN	CIN	46.296296	11072000.0	1.384599e+07	3.568844e+06	-0.777279
1989	NL	HOU	HOU	W	3	162	82.0	86	76	...	97	97	HOU	HOU	HOU	53.086420	15029500.0	1.384599e+07	3.568844e+06	0.331623
1989	NL	LAN	LAD	W	4	160	81.0	77	83	...	99	98	LAD	LAN	LAN	48.125000	21071562.0	1.384599e+07	3.568844e+06	2.024626
1989	NL	MON	WSN	E	4	162	81.0	81	81	...	102	101	MON	MON	MON	50.000000	13807389.0	1.384599e+07	3.568844e+06	-0.010816
1989	NL	NYN	NYM	E	2	162	81.0	87	75	...	95	93	NYM	NYN	NYN	53.703704	19885071.0	1.384599e+07	3.568844e+06	1.692168
1989	NL	PHI	PHI	E	6	163	81.0	67	95	...	99	101	PHI	PHI	PHI	41.104294	10604000.0	1.384599e+07	3.568844e+06	-0.908414
1989	NL	PIT	PIT	E	5	164	81.0	74	88	...	96	96	PIT	PIT	PIT	45.121951	12737500.0	1.384599e+07	3.568844e+06	-0.310602
1989	NL	SDN	SDP	W	2	162	81.0	89	73	...	101	101	SDP	SDN	SDN	54.938272	14195000.0	1.384599e+07	3.568844e+06	0.097794
1989	NL	SFN	SFG	W	1	162	81.0	92	70	...	97	96	SFG	SFN	SFN	56.790123	14962834.0	1.384599e+07	3.568844e+06	0.312943
1989	NL	SLN	STL	E	3	164	83.0	86	76	...	103	103	STL	SLN	SLN	52.439024	16078833.0	1.384599e+07	3.568844e+06	0.625649
1990	AL	BAL	BAL	E	5	161	80.0	76	85	...	97	98	BAL	BAL	BAL	47.204969	9680084.0	1.707235e+07	3.771834e+06	-1.959861
1990	AL	BOS	BOS	E	1	162	81.0	88	74	...	105	105	BOS	BOS	BOS	54.320988	20558333.0	1.707235e+07	3.771834e+06	0.924213
1990	AL	CAL	ANA	W	4	162	81.0	80	82	...	97	97	CAL	CAL	CAL	49.3827				

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDretro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1990	AL	KCA	KCR	W	6	161	81.0	75	86	...	98	98	KCR	KCA	KCA	46.583851	23361084.0	1.707235e+07	3.771834e+06	1.667287
1990	AL	MIN	MIN	W	7	162	81.0	74	88	...	107	107	MIN	MIN	MIN	45.679012	14602000.0	1.707235e+07	3.771834e+06	-0.654948
1990	AL	ML4	MIL	E	6	162	81.0	74	88	...	99	99	MIL	MIL	MIL	45.679012	19719167.0	1.707235e+07	3.771834e+06	0.701731
1990	AL	NYA	NYY	E	7	162	81.0	67	95	...	100	102	NYY	NYA	NYA	41.358025	20912318.0	1.707235e+07	3.771834e+06	1.018063
1990	AL	OAK	OAK	W	1	162	81.0	103	59	...	96	95	OAK	OAK	OAK	63.580247	19887501.0	1.707235e+07	3.771834e+06	0.746360
1990	AL	SEA	SEA	W	5	162	81.0	77	85	...	101	101	SEA	SEA	SEA	47.530864	12553667.0	1.707235e+07	3.771834e+06	-1.198008
1990	AL	TEX	TEX	W	3	162	82.0	83	79	...	100	101	TEX	TEX	TEX	51.234568	14874372.0	1.707235e+07	3.771834e+06	-0.582735
1990	AL	TOR	TOR	E	2	162	81.0	86	76	...	106	105	TOR	TOR	TOR	53.086420	17756834.0	1.707235e+07	3.771834e+06	0.181472
1990	NL	ATL	ATL	W	6	162	81.0	65	97	...	105	106	ATL	ATL	ATL	40.123457	14555501.0	1.707235e+07	3.771834e+06	-0.667275
1990	NL	CHN	CHC	E	4	162	81.0	77	85	...	108	108	CHC	CHN	CHN	47.530864	13624000.0	1.707235e+07	3.771834e+06	-0.914238
1990	NL	CIN	CIN	W	1	162	81.0	91	71	...	105	105	CIN	CIN	CIN	56.172840	14370000.0	1.707235e+07	3.771834e+06	-0.716456
1990	NL	HOU	HOU	W	4	162	81.0	75	87	...	97	98	HOU	HOU	HOU	46.296296	18330000.0	1.707235e+07	3.771834e+06	0.333431
1990	NL	LAN	LAD	W	2	162	81.0	86	76	...	98	97	LAD	LAN	LAN	53.086420	21318704.0	1.707235e+07	3.771834e+06	1.125805
1990	NL	MON	WSN	E	3	162	81.0	85	77	...	96	96	MON	MON	MON	52.469136	16586388.0	1.707235e+07	3.771834e+06	-0.128841
1990	NL	NYN	NYM	E	2	162	81.0	91	71	...	100	99	NYM	NYN	NYN	56.172840	21722834.0	1.707235e+07	3.771834e+06	1.232949
1990	NL	PHI	PHI	E	4	162	81.0	77	85	...	99	100	PHI	PHI	PHI	47.530864	13173667.0	1.707235e+07	3.771834e+06	-1.033631
1990	NL	PIT	PIT	E	1	162	81.0	95	67	...	96	95	PIT	PIT	PIT	58.641975	15556000.0	1.707235e+07	3.771834e+06	-0.402020
1990	NL	SDN	SDP	W	4	162	81.0	75	87	...	101	101	SDP	SDN	SDN	46.296296	17588334.0	1.707235e+07	3.771834e+06	0.136798
1990	NL	SFN	SFG	W	3	162	81.0	85	77	...	96	96	SFG	SFN	SFN	52.469136	19335333.0	1.707235e+07	3.771834e+06	0.599968
1990	NL	SLN	STL	E	6	162	81.0	70	92	...	100	100	STL	SLN	SLN	43.209877	20523334.0	1.707235e+07	3.771834e+06	0.914934
1991	AL	BAL	BAL	E	6	162	81.0	67	95	...	96	97	BAL	BAL	BAL	41.358025	17519000.0	2.357879e+07	6.894669e+06	-0.878909
1991	AL	BOS	BOS	E	2	162	81.0	84	78	...	105	105	BOS	BOS	BOS	51.851852	35167500.0	2.357879e+07	6.894669e+06	1.680823
1991	AL	CAL	ANA	W	7	162	81.0	81	81	...	99	100	CAL	CAL	CAL	50.000000	33060001.0	2.357879e+07	6.894669e+06	1.375152
1991	AL	CHA	CHW	W	2	162	81.0	87	75	...	98	97	CHW	CHA	CHA	53.703704	16919667.0	2.357879e+07	6.894669e+06	-0.965836
1991	AL	CLE	CLE	E	7	162	82.0	57	105	...	101	102	CLE	CLE	CLE	35.185185	17635000.0	2.357879e+07	6.894669e+06	-0.862084
1991	AL	DET	DET	E	2	162	81.0	84	78	...	102	102	DET	DET	DET	51.851852	23838333.0	2.357879e+07	6.894669e+06	0.037645
1991	AL	KCA	KCR	W	6	162	81.0	82	80	...	100	101	KCR	KCA	KCA	50.617284	26319834.0	2.357879e+07	6.894669e+06	0.397561
1991	AL	MIN	MIN	W	1	162	81.0	95	67	...	105	104	MIN	MIN	MIN	58.641975	23361833.0	2.357879e+07	6.894669e+06	-0.031467
1991	AL	ML4	MIL	E	4	162	80.0	83	79	...	98	98	MIL	MIL	MIL	51.234568	23115500.0	2.357879e+07	6.894669e+06	-0.067195
1991	AL	NYA	NYY	E	5	162	81.0	71	91	...	100	101	NYY	NYA	NYA	43.827160	27344168.0	2.357879e+07	6.894669e+06	0.546130
1991	AL	OAK	OAK	W	4	162	81.0	84	78	...	94	93	OAK	OAK	OAK	51.851852	36999167.0	2.357879e+07	6.894669e+06	1.946487
1991	AL	SEA	SEA	W	5	162	81.0	83	79	...	100	100	SEA	SEA	SEA	51.234568	15691833.0	2.357879e+07	6.894669e+06	-1.143920
1991	AL	TEX	TEX	W	3	162	81.0	85	77	...	98	99	TEX	TEX	TEX	52.469136	18224500.0	2.357879e+07	6.894669e+06	-0.776583
1991	AL	TOR	TOR	E	1	162	81.0	91	71	...	104	103	TOR	TOR	TOR	56.172840	19902417.0	2.357879e+07	6.894669e+06	-0.533219
1991	NL	ATL	ATL	W	1	162	81.0	94	68	...	106	106	ATL	ATL	ATL	58.024691	18403500.0	2.357879e+07	6.894669e+06	-0.750621
1991	NL	CHN	CHC	E	4	160	83.0	77	83	...	104	105	CHC	CHN	CHN	48.125000	23175667.0	2.357879e+07	6.894669e+06	-0.058468
1991	NL	CIN	CIN	W	5	162	81.0	74	88	...	104	104	CIN	CIN	CIN	45.679012	26305333.0	2.357879e+07	6.894669e+06	0.395457
1991	NL	HOU	HOU	W	6	162	81.0	65	97	...	93	94	HOU	HOU	HOU	40.123457	12852500.0	2.357879e+07	6.894669e+06	-1.555736
1991	NL	LAN	LAD	W	2	162	81.0	93	69	...	98	97	LAD	LAN	LAN	57.407407	32790664.0	2.357879e+07	6.894669e+06	1.336087
1991	NL	MON	WSN	E	6	161	68.0	71	90	...	99	99	MON	MON	MON	44.099379	10732333.0	2.357879e+07	6.894669e+06	-1.863244
1991	NL	NYN	NYM	E	5	161	82.0	77	84	...	99	99	NYM	NYN	NYN	47.826087	32590001.0	2.357879e+07	6.894669e+06	1.306983
1991	NL	PHI	PHI	E	3	162	83.0	78	84	...	99	99	PHI	PHI	PHI	48.148148	22487332.0	2.357879e+07	6.894669e+06	-0.158304
1991	NL	PIT	PIT	E	1	162	84.0	98	64	...	99	98	PIT	PIT	PIT	60.493827	23634667.0	2.357879e+07	6.894669e+06	0.008105
1991	NL	SDN	SDP	W	3	162	81.0	84	78	...	103	103	SDP	SDN	SDN	51.851852	22150001.0	2.357879e+07	6.894669e+06	-0.207230
1991	NL	SFN	SFG	W	4	162	81.0	75	87	...	96	97	SFG	SFN	SFN	46.296296	30967666.0	2.357879e+07	6.894669e+06	1.071680
1991	NL	SLN	STL	E	2	162	84.0	84	78	...	100	100	STL	SLN	SLN	51.851852	21860001.0	2.357879e+07	6.894669e+06	-0.249292
1992	AL	BAL	BAL	E	3	162	81.0	89	73	...	102	101	BAL	BAL	BAL	54.938272	23780667.0	3.098244e+07	9.150607e+06	-0.787026
1992	AL	BOS	BOS	E	7	162	81.0	73	89	...	106	107	BOS	BOS	BOS	45.061728	43610584.0	3.098244e+07	9.150607e+06	1.380034
1992	AL	CAL	ANA	W	5	162	81.0	72	90	...	100	101	CAL	CAL	CAL	44.444444	34749334.0	3.098244e+07	9.150607e+06	0.411656
1992	AL	CHA	CHW	W	3	162	82.0	86	76	...	99	99	CHW	CHA	CHA	53.086420	30160833.0	3.098244e+07	9.150607e+06	-0.089787
1992	AL	CLE	CLE	E	4	162	81.0	76	86	...	99	100	CLE	CLE	CLE	46.913580	9373044.0	3.098244e+07	9.150607e+06	-2.361525
1992	AL	DET	DET	E	6	162	80.0	75	87	...	101	100	DET	DET	DET	46.296296	27322834.0	3.098244e+07	9.150607e+06	-0.399930
1992	AL	KCA	KCR	W	5	162	81.0	72	90	...	102	103	KCR	KCA	KCA	44.444444	33893834.0	3.098244e+07	9.150607e+06	0.318165
1992	AL	MIN	MIN	W	2	162	81.0	90	72	...	103	102	MIN	MIN	MIN	55.555556	28027834.0	3.098244e+07	9.150607e+06	-0.322886
1992	AL	ML4	MIL	E	2	162	81.0	92	70	...	99	98	MIL	MIL	MIL	56.790123	31013667.0	3.098244e+07	9.150607e+06	0.003413
1992	AL	NYA	NYY	E	4	162	81.0	76	86	...	100	100	NYY	NYA	NYA	46.913580	37543334.0	3.098244e+07	9.150607e+06	0.716991
1992	AL	OAK	OAK	W	1	162	81.0	96	66	...	94	95	OAK	OAK	OAK	59.259259	41035000.0	3.098244e+07	9.150607e+06	1.098568
1992	AL	SEA	SEA	W	7	162	81.0	64	98	...	100	100	SEA	SEA	SEA	39.506173	23179833.0	3.098244e+07	9.150607e+06	-0.852687
1992	AL	TEX	TEX	W	4	162	81.0	77	85	...	97	97	TEX	TEX	TEX	47.530864	30128167.0	3.098244e+07	9.150607e+06	-0.093356
1992	AL	TOR	TOR	E	1	162	81.0	96	66	...	105	104	TOR	TOR	TOR	59.259259	44788666.0	3.098244e+07	9.150607e+06	1.508778
1992	NL	ATL	ATL	W	1	162	81.0	98	64	...	107	105	ATL	ATL	ATL	60.493827	34625333.0	3.098244e+07	9.150607e+06	0.398104
1992	NL	CHN	CHC	E	4	162	81.0	78	84	...	102	103	CHC	CHN	CHN	48.148148	29829686.0	3.098244e+07	9.150607e+06	-0.125975
1992	NL	CIN	CIN	W	2	162	81.0	90	72	...	103	103	CIN	CIN	CIN	55.555556	35931499.0	3.098244e+07	9.150607e+06	0.540845
1992	NL	HOU	HOU	W	4	162	81.0	81	81	...	95	95	HOU	HOU	HOU	50.000000	15407500.0	3.098244e+07	9.150607e+06	-1.702066
1992	NL	LAN	LAD																	

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1992	NL	PIT	PIT	E	1	162	81.0	96	66	...	99	98	PIT	PIT	PIT	59.259259	33944167.0	3.098244e+07	9.150607e+06	0.323665
1992	NL	SDN	SDP	W	3	162	81.0	82	80	...	101	102	SDP	SDN	SDN	50.617284	26854167.0	3.098244e+07	9.150607e+06	-0.451147
1992	NL	SFN	SFG	W	5	162	81.0	72	90	...	94	94	SFG	SFN	SFN	44.444444	33163168.0	3.098244e+07	9.150607e+06	0.238316
1992	NL	SLN	STL	E	3	162	81.0	83	79	...	97	97	STL	SLN	SLN	51.234568	27583836.0	3.098244e+07	9.150607e+06	-0.371407
1993	AL	BAL	BAL	E	3	162	81.0	85	77	...	104	103	BAL	BAL	BAL	52.469136	29096500.0	3.220500e+07	9.232485e+06	-0.336692
1993	AL	BOS	BOS	E	5	162	81.0	80	82	...	106	107	BOS	BOS	BOS	49.382716	37120583.0	3.220500e+07	9.232485e+06	0.532422
1993	AL	CAL	ANA	W	5	162	81.0	71	91	...	103	104	CAL	CAL	CAL	43.827160	28588334.0	3.220500e+07	9.232485e+06	-0.391733
1993	AL	CHA	CHW	W	1	162	81.0	94	68	...	98	97	CHW	CHA	CHA	58.024691	39696166.0	3.220500e+07	9.232485e+06	0.811392
1993	AL	CLE	CLE	E	6	162	81.0	76	86	...	100	101	CLE	CLE	CLE	46.913580	18561000.0	3.220500e+07	9.232485e+06	-1.477826
1993	AL	DET	DET	E	3	162	81.0	85	77	...	99	99	DET	DET	DET	52.469136	38150165.0	3.220500e+07	9.232485e+06	0.643939
1993	AL	KCA	KCR	W	3	162	81.0	84	78	...	106	106	KCR	KCA	KCA	51.851852	41346167.0	3.220500e+07	9.232485e+06	0.990109
1993	AL	MIN	MIN	W	5	162	81.0	71	91	...	100	100	MIN	MIN	MIN	43.827160	28217933.0	3.220500e+07	9.232485e+06	-0.431853
1993	AL	ML4	MIL	E	7	162	81.0	69	93	...	99	99	MIL	MIL	MIL	42.592593	23806834.0	3.220500e+07	9.232485e+06	-0.909633
1993	AL	NYA	NYN	E	2	162	81.0	88	74	...	97	96	NYN	NYA	NYA	54.320988	42624900.0	3.220500e+07	9.232485e+06	1.128612
1993	AL	OAK	OAK	W	7	162	81.0	68	94	...	94	94	OAK	OAK	OAK	41.975309	37812333.0	3.220500e+07	9.232485e+06	0.607348
1993	AL	SEA	SEA	W	4	162	81.0	82	80	...	101	102	SEA	SEA	SEA	50.617284	32696333.0	3.220500e+07	9.232485e+06	0.053217
1993	AL	TEX	TEX	W	2	162	81.0	86	76	...	96	96	TEX	TEX	TEX	53.086420	36376959.0	3.220500e+07	9.232485e+06	0.451878
1993	AL	TOR	TOR	E	1	162	81.0	95	67	...	101	100	TOR	TOR	TOR	58.641975	47279166.0	3.220500e+07	9.232485e+06	1.632731
1993	NL	ATL	ATL	W	1	162	81.0	104	58	...	101	100	ATL	ATL	ATL	64.197531	41641417.0	3.220500e+07	9.232485e+06	1.022088
1993	NL	CHN	CHC	E	4	163	82.0	84	78	...	98	98	CHC	CHN	CHN	51.533742	39386666.0	3.220500e+07	9.232485e+06	0.777869
1993	NL	CIN	CIN	W	5	162	81.0	73	89	...	101	100	CIN	CIN	CIN	45.061728	44879666.0	3.220500e+07	9.232485e+06	1.372833
1993	NL	COL	COL	W	6	162	81.0	67	95	...	117	118	COL	COL	COL	41.358025	10353500.0	3.220500e+07	9.232485e+06	-2.366806
1993	NL	FLO	FLA	E	6	162	81.0	64	98	...	104	106	FLA	FLO	FLO	39.506173	19330545.0	3.220500e+07	9.232485e+06	-1.394474
1993	NL	HOU	HOU	W	3	162	81.0	85	77	...	96	96	HOU	HOU	HOU	52.469136	30210500.0	3.220500e+07	9.232485e+06	-0.216031
1993	NL	LAN	LAD	W	4	162	81.0	81	81	...	95	95	LAD	LAN	LAN	50.000000	39331999.0	3.220500e+07	9.232485e+06	0.771948
1993	NL	MON	WSN	E	2	163	81.0	94	68	...	105	104	MON	MON	MON	57.668712	18899333.0	3.220500e+07	9.232485e+06	-1.441180
1993	NL	NYN	NYM	E	7	162	81.0	59	103	...	99	100	NYM	NYN	NYN	36.419753	39043667.0	3.220500e+07	9.232485e+06	0.740717
1993	NL	PHI	PHI	E	1	162	81.0	97	65	...	99	98	PHI	PHI	PHI	59.876543	28538334.0	3.220500e+07	9.232485e+06	-0.397149
1993	NL	PIT	PIT	E	5	162	81.0	75	87	...	99	100	PIT	PIT	PIT	46.296296	24822467.0	3.220500e+07	9.232485e+06	-0.799626
1993	NL	SDN	SDP	W	7	162	81.0	61	101	...	102	102	SDP	SDN	SDN	37.654321	25511333.0	3.220500e+07	9.232485e+06	-0.725013
1993	NL	SFN	SFG	W	2	162	81.0	103	59	...	97	96	SFG	SFN	SFN	63.580247	35050000.0	3.220500e+07	9.232485e+06	0.308151
1993	NL	SLN	STL	E	3	162	81.0	87	75	...	98	98	STL	SLN	SLN	53.703704	23367334.0	3.220500e+07	9.232485e+06	-0.957236
1994	AL	BAL	BAL	E	2	112	55.0	63	49	...	105	104	BAL	BAL	BAL	56.250000	38849769.0	3.313701e+07	8.528749e+06	0.669824
1994	AL	BOS	BOS	E	4	115	64.0	54	61	...	105	105	BOS	BOS	BOS	46.956522	37859084.0	3.313701e+07	8.528749e+06	0.553665
1994	AL	CAL	ANA	W	4	115	63.0	47	68	...	101	101	CAL	CAL	CAL	40.869565	25156218.0	3.313701e+07	8.528749e+06	-0.935752
1994	AL	CHA	CHW	C	1	113	53.0	67	46	...	99	98	CHW	CHA	CHA	59.292035	39183836.0	3.313701e+07	8.528749e+06	0.708993
1994	AL	CLE	CLE	C	2	113	51.0	66	47	...	99	97	CLE	CLE	CLE	58.407080	30490500.0	3.313701e+07	8.528749e+06	-0.310305
1994	AL	DET	DET	E	5	115	58.0	53	62	...	101	101	DET	DET	DET	46.086957	41446501.0	3.313701e+07	8.528749e+06	0.974292
1994	AL	KCA	KCR	C	3	115	59.0	64	51	...	104	104	KCR	KCA	KCA	55.652174	40541334.0	3.313701e+07	8.528749e+06	0.868161
1994	AL	MIN	MIN	C	4	113	59.0	53	60	...	100	102	MIN	MIN	MIN	46.902655	28438500.0	3.313701e+07	8.528749e+06	-0.550903
1994	AL	ML4	MIL	C	5	115	56.0	53	62	...	104	105	MIL	MIL	MIL	46.086957	24350500.0	3.313701e+07	8.528749e+06	-1.030223
1994	AL	NYA	NYN	E	1	113	57.0	70	43	...	97	96	NYN	NYA	NYA	61.946903	45731334.0	3.313701e+07	8.528749e+06	1.476691
1994	AL	OAK	OAK	W	2	114	56.0	51	63	...	91	92	OAK	OAK	OAK	44.736842	34172500.0	3.313701e+07	8.528749e+06	0.121412
1994	AL	SEA	SEA	W	3	112	44.0	49	63	...	102	102	SEA	SEA	SEA	43.750000	29228500.0	3.313701e+07	8.528749e+06	-0.458275
1994	AL	TEX	TEX	W	1	114	63.0	52	62	...	100	101	TEX	TEX	TEX	45.614035	32973597.0	3.313701e+07	8.528749e+06	-0.019160
1994	AL	TOR	TOR	E	3	115	59.0	55	60	...	100	100	TOR	TOR	TOR	47.826087	43433668.0	3.313701e+07	8.528749e+06	1.207288
1994	NL	ATL	ATL	E	2	114	55.0	68	46	...	102	100	ATL	ATL	ATL	59.649123	49383513.0	3.313701e+07	8.528749e+06	1.904910
1994	NL	CHN	CHC	C	5	113	59.0	49	64	...	99	99	CHC	CHN	CHN	43.362832	36287333.0	3.313701e+07	8.528749e+06	0.369377
1994	NL	CIN	CIN	C	1	115	60.0	66	48	...	99	99	CIN	CIN	CIN	57.391304	40961833.0	3.313701e+07	8.528749e+06	0.917464
1994	NL	COL	COL	W	3	117	57.0	53	64	...	117	118	COL	COL	COL	45.299145	23887333.0	3.313701e+07	8.528749e+06	-1.084529
1994	NL	FLO	FLA	E	5	115	59.0	51	64	...	102	103	FLA	FLO	FLO	44.347826	21633000.0	3.313701e+07	8.528749e+06	-1.348851
1994	NL	HOU	HOU	C	2	115	59.0	66	49	...	95	94	HOU	HOU	HOU	57.391304	33126000.0	3.313701e+07	8.528749e+06	-0.001291
1994	NL	LAN	LAD	W	1	114	55.0	58	56	...	94	94	LAD	LAN	LAN	50.877193	38000001.0	3.313701e+07	8.528749e+06	0.570188
1994	NL	MON	WSN	E	1	114	52.0	74	40	...	101	101	MON	MON	MON	64.912281	19098000.0	3.313701e+07	8.528749e+06	-1.646081
1994	NL	NYN	NYM	E	3	113	53.0	55	58	...	99	99	NYM	NYN	NYN	48.672566	30956583.0	3.313701e+07	8.528749e+06	-0.255656
1994	NL	PHI	PHI	E	4	115	60.0	54	61	...	102	102	PHI	PHI	PHI	46.956522	31599000.0	3.313701e+07	8.528749e+06	-0.180332
1994	NL	PIT	PIT	C	3	114	61.0	53	61	...	101	102	PIT	PIT	PIT	46.491228	24217250.0	3.313701e+07	8.528749e+06	-1.045846
1994	NL	SDN	SDP	W	4	117	57.0	47	70	...	97	98	SDP	SDN	SDN	40.170940	14916333.0	3.313701e+07	8.528749e+06	-2.136383
1994	NL	SFN	SFG	W	2	115	60.0	55	60	...	94	94	SFG	SFN	SFN	47.826087	42638666.0	3.313701e+07	8.528749e+06	1.114074
1994	NL	SLN	STL	C	3	115	56.0	53	61	...	98	99	STL	SLN	SLN	46.086957	29275601.0	3.313701e+07	8.528749e+06	-0.452752
1995	AL	BAL	BAL	E	3	144	72.0	71	73	...	102	101	BAL	BAL	BAL	49.305556	43942521.0	3.398105e+07	9.447998e+06	1.054347
1995	AL	BOS	BOS	E	1	144	72.0	86	58	...	103	103	BOS	BOS	BOS	59.722222	32455518.0	3.398105e+07	9.447998e+06	-0.161466
1995	AL	CAL	ANA	W	2	145	72.0	78	67	...	99	99	CAL	CAL	CAL	53.793103	31223171.0	3.398105e+07	9.447998e+06	-0.291901
1995	AL	CHA	CHW	C	3	145	72.0	68	76	...	96	95	CHW	CHA	CHA	46.896552	46961282.0	3.398105e+07	9.447998e+06	1.373861
1995	AL	CLE	CLE	C	1	144	72.0	100	44	...	101	99	CLE	CLE	CLE					

earID	IgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1995	AL	ML4	MIL	C	4	144	72.0	65	79	...	105	105	MIL	MIL	MIL	45.138889	17798825.0	3.398105e+07	9.447998e+06	-1.712767
1995	AL	NYA	NYY	E	2	145	73.0	79	65	...	99	98	NYY	NYA	NYA	54.482759	48874851.0	3.398105e+07	9.447998e+06	1.576398
1995	AL	OAK	OAK	W	4	144	72.0	67	77	...	91	91	OAK	OAK	OAK	46.527778	37739225.0	3.398105e+07	9.447998e+06	0.397775
1995	AL	SEA	SEA	W	1	145	73.0	79	66	...	101	101	SEA	SEA	SEA	54.482759	36481311.0	3.398105e+07	9.447998e+06	0.264634
1995	AL	TEX	TEX	W	3	144	72.0	74	70	...	103	103	TEX	TEX	TEX	51.388889	34581451.0	3.398105e+07	9.447998e+06	0.063548
1995	AL	TOR	TOR	E	5	144	72.0	56	88	...	99	100	TOR	TOR	TOR	38.888889	50590000.0	3.398105e+07	9.447998e+06	1.757933
1995	NL	ATL	ATL	E	1	144	72.0	90	54	...	103	102	ATL	ATL	ATL	62.500000	47235445.0	3.398105e+07	9.447998e+06	1.402879
1995	NL	CHN	CHC	C	3	144	72.0	73	71	...	98	98	CHC	CHN	CHN	50.694444	29505834.0	3.398105e+07	9.447998e+06	-0.473668
1995	NL	CIN	CIN	C	1	144	72.0	85	59	...	100	99	CIN	CIN	CIN	59.027778	43144670.0	3.398105e+07	9.447998e+06	0.969901
1995	NL	COL	COL	W	2	144	72.0	77	67	...	129	129	COL	COL	COL	53.472222	34154717.0	3.398105e+07	9.447998e+06	0.018381
1995	NL	FLO	FLA	E	4	143	71.0	67	76	...	101	101	FLA	FLO	FLO	46.853147	24515781.0	3.398105e+07	9.447998e+06	-1.001828
1995	NL	HOU	HOU	C	2	144	72.0	76	68	...	93	93	HOU	HOU	HOU	52.777778	34169834.0	3.398105e+07	9.447998e+06	0.019982
1995	NL	LAN	LAD	W	1	144	72.0	78	66	...	91	91	LAD	LAN	LAN	54.166667	39273201.0	3.398105e+07	9.447998e+06	0.560135
1995	NL	MON	WSN	E	5	144	72.0	66	78	...	104	103	MON	MON	MON	45.833333	12364000.0	3.398105e+07	9.447998e+06	-2.288003
1995	NL	NYN	NYM	E	2	144	72.0	69	75	...	96	97	NYM	NYN	NYN	47.916667	27674992.0	3.398105e+07	9.447998e+06	-0.667449
1995	NL	PHI	PHI	E	2	144	72.0	69	75	...	100	101	PHI	PHI	PHI	47.916667	30555945.0	3.398105e+07	9.447998e+06	-0.362522
1995	NL	PIT	PIT	C	5	144	72.0	58	86	...	102	103	PIT	PIT	PIT	40.277778	18355345.0	3.398105e+07	9.447998e+06	-1.653864
1995	NL	SDN	SDP	W	3	144	72.0	70	74	...	97	97	SDP	SDN	SDN	48.611111	26382334.0	3.398105e+07	9.447998e+06	-0.804267
1995	NL	SFN	SFG	W	4	144	72.0	67	77	...	96	97	SFG	SFN	SFN	46.527778	36462777.0	3.398105e+07	9.447998e+06	0.262672
1995	NL	SLN	STL	C	4	143	72.0	62	81	...	99	100	STL	SLN	SLN	43.356643	37101000.0	3.398105e+07	9.447998e+06	0.330224
1996	AL	BAL	BAL	E	2	163	82.0	88	74	...	100	99	BAL	BAL	BAL	53.987730	54490315.0	3.417798e+07	1.068853e+07	1.900385
1996	AL	BOS	BOS	E	3	162	81.0	85	77	...	101	101	BOS	BOS	BOS	52.469136	42393500.0	3.417798e+07	1.068853e+07	0.768629
1996	AL	CAL	ANA	W	4	161	81.0	70	91	...	98	98	CAL	CAL	CAL	43.478261	28738000.0	3.417798e+07	1.068853e+07	-0.508955
1996	AL	CHA	CHW	C	2	162	81.0	85	77	...	95	95	CHW	CHA	CHA	52.469136	45139500.0	3.417798e+07	1.068853e+07	1.025540
1996	AL	CLE	CLE	C	1	161	80.0	99	62	...	99	98	CLE	CLE	CLE	61.490683	48107360.0	3.417798e+07	1.068853e+07	1.303207
1996	AL	DET	DET	E	5	162	81.0	53	109	...	100	102	DET	DET	DET	32.716049	23438000.0	3.417798e+07	1.068853e+07	-1.004814
1996	AL	KCA	KCR	C	5	161	80.0	75	86	...	99	100	KCR	KCA	KCA	46.583851	20281250.0	3.417798e+07	1.068853e+07	-1.300153
1996	AL	MIN	MIN	C	4	162	82.0	78	84	...	101	102	MIN	MIN	MIN	48.148148	23117000.0	3.417798e+07	1.068853e+07	-1.034846
1996	AL	ML4	MIL	C	3	162	81.0	80	82	...	104	104	MIL	MIL	MIL	49.382716	21730000.0	3.417798e+07	1.068853e+07	-1.164611
1996	AL	NYA	NYY	E	1	162	80.0	92	70	...	101	100	NYY	NYA	NYA	56.790123	54191792.0	3.417798e+07	1.068853e+07	1.872456
1996	AL	OAK	OAK	W	3	162	81.0	78	84	...	101	102	OAK	OAK	OAK	48.148148	21243000.0	3.417798e+07	1.068853e+07	-1.210174
1996	AL	SEA	SEA	W	2	161	81.0	85	76	...	100	99	SEA	SEA	SEA	52.795031	41328501.0	3.417798e+07	1.068853e+07	0.668989
1996	AL	TEX	TEX	W	1	163	81.0	90	72	...	105	105	TEX	TEX	TEX	55.214724	39041528.0	3.417798e+07	1.068853e+07	0.455024
1996	AL	TOR	TOR	E	4	162	81.0	74	88	...	99	100	TOR	TOR	TOR	45.679012	29555083.0	3.417798e+07	1.068853e+07	-0.432510
1996	NL	ATL	ATL	E	1	162	81.0	96	66	...	106	104	ATL	ATL	ATL	59.259259	49698500.0	3.417798e+07	1.068853e+07	1.452071
1996	NL	CHN	CHC	C	4	162	81.0	76	86	...	103	103	CHC	CHN	CHN	46.913580	33081000.0	3.417798e+07	1.068853e+07	-0.102632
1996	NL	CIN	CIN	C	3	162	81.0	81	81	...	101	101	CIN	CIN	CIN	50.000000	42526334.0	3.417798e+07	1.068853e+07	0.781057
1996	NL	COL	COL	W	3	162	81.0	83	79	...	123	124	COL	COL	COL	51.234568	40179823.0	3.417798e+07	1.068853e+07	0.561521
1996	NL	FLO	FLA	E	3	162	81.0	80	82	...	97	97	FLA	FLO	FLO	49.382716	31022500.0	3.417798e+07	1.068853e+07	-0.295221
1996	NL	HOU	HOU	C	2	162	81.0	82	80	...	92	92	HOU	HOU	HOU	50.617284	28487000.0	3.417798e+07	1.068853e+07	-0.532438
1996	NL	LAN	LAD	W	2	162	81.0	90	72	...	93	92	LAD	LAN	LAN	55.555556	35355000.0	3.417798e+07	1.068853e+07	0.110119
1996	NL	MON	WSN	E	2	162	81.0	88	74	...	102	102	MON	MON	MON	54.320988	16264500.0	3.417798e+07	1.068853e+07	-1.675953
1996	NL	NYN	NYM	E	4	162	81.0	71	91	...	95	95	NYM	NYN	NYN	43.827160	24479500.0	3.417798e+07	1.068853e+07	-0.907373
1996	NL	PHI	PHI	E	5	162	81.0	67	95	...	100	101	PHI	PHI	PHI	41.358025	34314500.0	3.417798e+07	1.068853e+07	0.012772
1996	NL	PIT	PIT	C	5	162	80.0	73	89	...	104	104	PIT	PIT	PIT	45.061728	23017500.0	3.417798e+07	1.068853e+07	-1.044155
1996	NL	SDN	SDP	W	1	162	81.0	91	71	...	95	95	SDP	SDN	SDN	56.172840	28348172.0	3.417798e+07	1.068853e+07	-0.545427
1996	NL	SFN	SFG	W	4	162	82.0	68	94	...	95	96	SFG	SFN	SFN	41.975309	37144725.0	3.417798e+07	1.068853e+07	0.277563
1996	NL	SLN	STL	C	1	162	81.0	88	74	...	100	100	STL	SLN	SLN	54.320988	40269667.0	3.417798e+07	1.068853e+07	0.569927
1997	AL	ANA	ANA	W	2	162	82.0	84	78	...	102	102	ANA	ANA	ANA	51.851852	31135472.0	4.026021e+07	1.306073e+07	-0.698639
1997	AL	BAL	BAL	E	1	162	81.0	98	64	...	97	96	BAL	BAL	BAL	60.493827	58516400.0	4.026021e+07	1.306073e+07	1.397793
1997	AL	BOS	BOS	E	4	162	81.0	78	84	...	102	102	BOS	BOS	BOS	48.148148	43558750.0	4.026021e+07	1.306073e+07	0.252554
1997	AL	CHA	CHW	C	2	161	81.0	80	81	...	96	96	CHW	CHA	CHA	49.689441	57740000.0	4.026021e+07	1.306073e+07	1.338347
1997	AL	CLE	CLE	C	1	161	81.0	86	75	...	103	102	CLE	CLE	CLE	53.416149	56802460.0	4.026021e+07	1.306073e+07	1.266564
1997	AL	DET	DET	E	3	162	81.0	79	83	...	99	100	DET	DET	DET	48.765432	17272000.0	4.026021e+07	1.306073e+07	-1.760102
1997	AL	KCA	KCR	C	5	161	80.0	67	94	...	101	102	KCR	KCA	KCA	41.614907	34655000.0	4.026021e+07	1.306073e+07	-0.429165
1997	AL	MIN	MIN	C	4	162	81.0	68	94	...	101	101	MIN	MIN	MIN	41.975309	34072500.0	4.026021e+07	1.306073e+07	-0.473765
1997	AL	ML4	MIL	C	3	161	80.0	78	83	...	101	102	MIL	MIL	MIL	48.447205	23655338.0	4.026021e+07	1.306073e+07	-1.271359
1997	AL	NYA	NYY	E	2	162	80.0	96	66	...	100	98	NYY	NYA	NYA	59.259259	62241545.0	4.026021e+07	1.306073e+07	1.683010
1997	AL	OAK	OAK	W	4	162	81.0	65	97	...	96	97	OAK	OAK	OAK	40.123457	24018500.0	4.026021e+07	1.306073e+07	-1.243553
1997	AL	SEA	SEA	W	1	162	81.0	90	72	...	98	98	SEA	SEA	SEA	55.555556	41540661.0	4.026021e+07	1.306073e+07	0.098038
1997	AL	TEX	TEX	W	3	162	81.0	77	85	...	105	105	TEX	TEX	TEX	47.530864	53448838.0	4.026021e+07	1.306073e+07	1.009793
1997	AL	TOR	TOR	E	5	162	81.0	76	86	...	99	99	TOR	TOR	TOR	46.913580	47079833.0	4.026021e+07	1.306073e+07	0.522147
1997	NL	ATL	ATL	E	1	162	81.0	101	61	...	102	99	ATL	ATL	ATL	62.345679	52278500.0	4.026021e+07	1.306073e+07	0.920185
1997	NL	CHN	CHC	C	5	162	81.0	68	94	...	102	102	CHC	CHN	CHN	41.975309	42155333.0	4.026021e+07	1.306073e+07	0.145101
1997	NL	CIN	CIN	C	3</															

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
1997	NL	LAN	LAD	W	2	162	81.0	88	74	...	93	92	LAD	LAN	LAN	54.320988	45380304.0	4.026021e+07	1.306073e+07	0.392022
1997	NL	MON	WSN	E	4	162	81.0	78	84	...	99	99	MON	MON	MON	48.148148	19295500.0	4.026021e+07	1.306073e+07	-1.605172
1997	NL	NYN	NYM	E	3	162	81.0	88	74	...	97	97	NYM	NYN	NYN	54.320988	39800400.0	4.026021e+07	1.306073e+07	-0.035206
1997	NL	PHI	PHI	E	5	162	81.0	68	94	...	100	101	PHI	PHI	PHI	41.975309	36656500.0	4.026021e+07	1.306073e+07	-0.275920
1997	NL	PIT	PIT	C	2	162	81.0	79	83	...	103	103	PIT	PIT	PIT	48.765432	10771667.0	4.026021e+07	1.306073e+07	-2.257802
1997	NL	SDN	SDP	W	4	162	81.0	76	86	...	93	93	SDP	SDN	SDN	46.913580	37363672.0	4.026021e+07	1.306073e+07	-0.221775
1997	NL	SFN	SFG	W	1	162	81.0	90	72	...	98	98	SFG	SFN	SFN	55.555556	35592378.0	4.026021e+07	1.306073e+07	-0.357394
1997	NL	SLN	STL	C	4	162	81.0	73	89	...	99	99	STL	SLN	SLN	45.061728	45456667.0	4.026021e+07	1.306073e+07	0.397869
1998	AL	ANA	ANA	W	2	162	81.0	85	77	...	102	102	ANA	ANA	ANA	52.469136	41281000.0	4.260943e+07	1.538081e+07	-0.086369
1998	AL	BAL	BAL	E	4	162	81.0	79	83	...	98	97	BAL	BAL	BAL	48.765432	72355634.0	4.260943e+07	1.538081e+07	1.933982
1998	AL	BOS	BOS	E	2	162	81.0	92	70	...	102	101	BOS	BOS	BOS	56.790123	56757000.0	4.260943e+07	1.538081e+07	0.919820
1998	AL	CHA	CHW	C	2	163	81.0	80	82	...	98	98	CHW	CHA	CHA	49.079755	38335000.0	4.260943e+07	1.538081e+07	-0.277907
1998	AL	CLE	CLE	C	1	162	81.0	89	73	...	103	102	CLE	CLE	CLE	54.938272	60800166.0	4.260943e+07	1.538081e+07	1.182690
1998	AL	DET	DET	C	5	162	81.0	65	97	...	100	101	DET	DET	DET	40.123457	24065000.0	4.260943e+07	1.538081e+07	-1.205686
1998	AL	KCA	KCR	C	3	161	80.0	72	89	...	101	102	KCR	KCA	KCA	44.720497	36862500.0	4.260943e+07	1.538081e+07	-0.373643
1998	AL	MIN	MIN	C	4	162	81.0	70	92	...	101	102	MIN	MIN	MIN	43.209877	27927500.0	4.260943e+07	1.538081e+07	-0.954561
1998	AL	NYA	NYY	E	1	162	81.0	114	48	...	97	95	NYY	NYA	NYA	70.370370	66806867.0	4.260943e+07	1.538081e+07	1.573223
1998	AL	OAK	OAK	W	4	162	81.0	74	88	...	96	97	OAK	OAK	OAK	45.679012	21303000.0	4.260943e+07	1.538081e+07	-1.385260
1998	AL	SEA	SEA	W	3	161	81.0	76	85	...	99	99	SEA	SEA	SEA	47.204969	54087036.0	4.260943e+07	1.538081e+07	0.746229
1998	AL	TBA	TBD	E	5	162	81.0	63	99	...	101	102	TBD	TBA	TBA	38.888889	27280000.0	4.260943e+07	1.538081e+07	-0.996659
1998	AL	TEX	TEX	W	1	162	81.0	88	74	...	104	103	TEX	TEX	TEX	54.320988	56572095.0	4.260943e+07	1.538081e+07	0.907798
1998	AL	TOR	TOR	E	3	163	81.0	88	74	...	100	99	TOR	TOR	TOR	53.987730	51376000.0	4.260943e+07	1.538081e+07	0.569968
1998	NL	ARI	ARI	W	5	162	81.0	65	97	...	100	99	ARI	ARI	ARI	40.123457	32347000.0	4.260943e+07	1.538081e+07	-0.667223
1998	NL	ATL	ATL	E	1	162	81.0	106	56	...	100	98	ATL	ATL	ATL	65.432099	61186000.0	4.260943e+07	1.538081e+07	1.207776
1998	NL	CHN	CHC	C	2	163	82.0	90	73	...	103	103	CHC	CHN	CHN	55.214724	50838000.0	4.260943e+07	1.538081e+07	0.534989
1998	NL	CIN	CIN	C	4	162	81.0	77	85	...	102	102	CIN	CIN	CIN	47.530864	23005000.0	4.260943e+07	1.538081e+07	-1.274603
1998	NL	COL	COL	W	4	162	81.0	77	85	...	121	122	COL	COL	COL	47.530864	50484648.0	4.260943e+07	1.538081e+07	0.512016
1998	NL	FLO	FLA	E	5	162	81.0	54	108	...	94	95	FLA	FLO	FLO	33.333333	41322667.0	4.260943e+07	1.538081e+07	-0.083660
1998	NL	HOU	HOU	C	1	162	81.0	102	60	...	98	97	HOU	HOU	HOU	62.962963	42374000.0	4.260943e+07	1.538081e+07	-0.015307
1998	NL	LAN	LAD	W	3	162	81.0	83	79	...	95	95	LAD	LAN	LAN	51.234568	48820000.0	4.260943e+07	1.538081e+07	0.403787
1998	NL	MIL	MIL	C	5	162	81.0	74	88	...	100	101	MIL	ML4	MIL	45.679012	33914904.0	4.260943e+07	1.538081e+07	-0.565284
1998	NL	MON	WSN	E	4	162	81.0	65	97	...	98	99	MON	MON	MON	40.123457	10641500.0	4.260943e+07	1.538081e+07	-2.078429
1998	NL	NYN	NYM	E	2	162	81.0	88	74	...	99	99	NYM	NYN	NYN	54.320988	52077999.0	4.260943e+07	1.538081e+07	0.615609
1998	NL	PHI	PHI	E	3	162	81.0	75	87	...	102	103	PHI	PHI	PHI	46.296296	36297500.0	4.260943e+07	1.538081e+07	-0.410377
1998	NL	PIT	PIT	C	6	163	80.0	69	93	...	102	103	PIT	PIT	PIT	42.331288	15065000.0	4.260943e+07	1.538081e+07	-1.790831
1998	NL	SDN	SDP	W	1	162	81.0	98	64	...	92	92	SDP	SDN	SDN	60.493827	46861500.0	4.260943e+07	1.538081e+07	0.276453
1998	NL	SFN	SFG	W	2	163	81.0	89	74	...	95	95	SFG	SFN	SFN	54.601227	42565834.0	4.260943e+07	1.538081e+07	-0.002834
1998	NL	SLN	STL	C	3	163	82.0	83	79	...	100	100	STL	SLN	SLN	50.920245	54672521.0	4.260943e+07	1.538081e+07	0.784295
1999	AL	ANA	ANA	W	4	162	81.0	70	92	...	99	100	ANA	ANA	ANA	43.209877	55388166.0	4.980762e+07	2.056133e+07	0.271410
1999	AL	BAL	BAL	E	4	162	81.0	78	84	...	96	96	BAL	BAL	BAL	48.148148	80605863.0	4.980762e+07	2.056133e+07	1.497872
1999	AL	BOS	BOS	E	2	162	81.0	94	68	...	104	103	BOS	BOS	BOS	58.024691	63497500.0	4.980762e+07	2.056133e+07	0.665807
1999	AL	CHA	CHW	C	2	162	81.0	75	86	...	101	101	CHW	CHA	CHA	46.296296	25620000.0	4.980762e+07	2.056133e+07	-1.176365
1999	AL	CLE	CLE	C	1	162	81.0	97	65	...	104	103	CLE	CLE	CLE	59.876543	72978462.0	4.980762e+07	2.056133e+07	1.126913
1999	AL	DET	DET	C	3	161	81.0	69	92	...	99	101	DET	DET	DET	42.857143	36489666.0	4.980762e+07	2.056133e+07	-0.647719
1999	AL	KCA	KCR	C	4	161	80.0	64	97	...	102	103	KCR	KCA	KCA	39.751553	26225000.0	4.980762e+07	2.056133e+07	-1.146941
1999	AL	MIN	MIN	C	5	161	81.0	63	97	...	103	104	MIN	MIN	MIN	39.130435	21257500.0	4.980762e+07	2.056133e+07	-1.388535
1999	AL	NYA	NYY	E	1	162	81.0	98	64	...	98	97	NYY	NYA	NYA	60.493827	86734359.0	4.980762e+07	2.056133e+07	1.795931
1999	AL	OAK	OAK	W	2	162	81.0	87	75	...	94	94	OAK	OAK	OAK	53.703704	24431833.0	4.980762e+07	2.056133e+07	-1.234151
1999	AL	SEA	SEA	W	3	162	81.0	79	83	...	102	103	SEA	SEA	SEA	48.765432	54125003.0	4.980762e+07	2.056133e+07	0.209976
1999	AL	TBA	TBD	E	5	162	81.0	69	93	...	100	102	TBD	TBA	TBA	42.592593	38870000.0	4.980762e+07	2.056133e+07	-0.531951
1999	AL	TEX	TEX	W	1	162	81.0	95	67	...	105	105	TEX	TEX	TEX	58.641975	76709931.0	4.980762e+07	2.056133e+07	1.308393
1999	AL	TOR	TOR	E	3	162	81.0	84	78	...	101	101	TOR	TOR	TOR	51.851852	45444333.0	4.980762e+07	2.056133e+07	-0.212209
1999	NL	ARI	ARI	W	1	162	81.0	100	62	...	101	101	ARI	ARI	ARI	61.728395	68703999.0	4.980762e+07	2.056133e+07	0.919025
1999	NL	ATL	ATL	E	1	162	81.0	103	59	...	100	98	ATL	ATL	ATL	63.580247	73140000.0	4.980762e+07	2.056133e+07	1.134770
1999	NL	CHN	CHC	C	6	162	81.0	67	95	...	97	98	CHC	CHN	CHN	41.358025	62343000.0	4.980762e+07	2.056133e+07	0.609658
1999	NL	CIN	CIN	C	2	163	82.0	96	67	...	103	103	CIN	CIN	CIN	58.895706	33962761.0	4.980762e+07	2.056133e+07	-0.770615
1999	NL	COL	COL	W	5	162	81.0	72	90	...	127	127	COL	COL	COL	44.444444	61935837.0	4.980762e+07	2.056133e+07	0.589855
1999	NL	FLO	FLA	E	5	162	80.0	64	98	...	93	95	FLA	FLO	FLO	39.506173	21085000.0	4.980762e+07	2.056133e+07	-1.396925
1999	NL	HOU	HOU	C	1	162	82.0	97	65	...	100	98	HOU	HOU	HOU	59.876543	54914000.0	4.980762e+07	2.056133e+07	0.248348
1999	NL	LAN	LAD	W	3	162	81.0	77	85	...	95	94	LAD	LAN	LAN	47.530864	80862453.0	4.980762e+07	2.056133e+07	1.510351
1999	NL	MIL	MIL	C	5	161	80.0	74	87	...	99	99	MIL	ML4	MIL	45.962733	43377395.0	4.980762e+07	2.056133e+07	-0.312734
1999	NL	MON	WSN	E	4	162	81.0	68	94	...	97	98	MON	MON	MON	41.975309	17903000.0	4.980762e+07	2.056133e+07	-1.551681
1999	NL	NYN	NYM	E	2	163	81.0	97	66	...	98	97	NYM	NYN	NYN	59.509202	65092092.0	4.980762e+07	2.056133e+07	0.743360
1999	NL	PHI	PHI	E	3	162	81.0	77	85	...	105	105	PHI	PHI	PHI	47.530864	31692500.0	4.980762e+07	2.056133e+07	-0.881029
1999	NL	PIT	PIT	C	3	161</														

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2000	AL	ANA	ANA	W	3	162	81.0	82	80	...	102	103	ANA	ANA	ANA	50.617284	51464167.0	5.553784e+07	2.141622e+07	-0.190214
2000	AL	BAL	BAL	E	4	162	81.0	74	88	...	95	96	BAL	BAL	BAL	45.679012	81447435.0	5.553784e+07	2.141622e+07	1.209812
2000	AL	BOS	BOS	E	2	162	81.0	85	77	...	104	103	BOS	BOS	BOS	52.469136	77940333.0	5.553784e+07	2.141622e+07	1.046053
2000	AL	CHA	CHW	C	1	162	81.0	95	67	...	102	102	CHW	CHA	CHA	58.641975	31133500.0	5.553784e+07	2.141622e+07	-1.139526
2000	AL	CLE	CLE	C	2	162	81.0	90	72	...	101	100	CLE	CLE	CLE	55.555556	75880771.0	5.553784e+07	2.141622e+07	0.949884
2000	AL	DET	DET	C	3	162	81.0	79	83	...	95	95	DET	DET	DET	48.765432	58265167.0	5.553784e+07	2.141622e+07	0.127349
2000	AL	KCA	KCR	C	4	162	81.0	77	85	...	103	103	KCR	KCA	KCA	47.530864	23433000.0	5.553784e+07	2.141622e+07	-1.499090
2000	AL	MIN	MIN	C	5	162	81.0	69	93	...	104	105	MIN	MIN	MIN	42.592593	16519500.0	5.553784e+07	2.141622e+07	-1.821906
2000	AL	NYA	NYY	E	1	161	80.0	87	74	...	99	98	NYY	NYA	NYA	54.037267	92338260.0	5.553784e+07	2.141622e+07	1.718344
2000	AL	OAK	OAK	W	1	161	81.0	91	70	...	96	95	OAK	OAK	OAK	56.521739	31971333.0	5.553784e+07	2.141622e+07	-1.100404
2000	AL	SEA	SEA	W	2	162	81.0	91	71	...	95	93	SEA	SEA	SEA	56.172840	58915000.0	5.553784e+07	2.141622e+07	0.157692
2000	AL	TBA	TBD	E	5	161	80.0	69	92	...	99	100	TBD	TBA	TBA	42.857143	62765129.0	5.553784e+07	2.141622e+07	0.337468
2000	AL	TEX	TEX	W	4	162	81.0	71	91	...	102	102	TEX	TEX	TEX	43.827160	70795921.0	5.553784e+07	2.141622e+07	0.712455
2000	AL	TOR	TOR	E	3	162	81.0	83	79	...	103	103	TOR	TOR	TOR	51.234568	44838332.0	5.553784e+07	2.141622e+07	-0.499598
2000	NL	ARI	ARI	W	3	162	81.0	85	77	...	105	103	ARI	ARI	ARI	52.469136	81027833.0	5.553784e+07	2.141622e+07	1.190219
2000	NL	ATL	ATL	E	1	162	81.0	95	67	...	101	99	ATL	ATL	ATL	58.641975	84537836.0	5.553784e+07	2.141622e+07	1.354114
2000	NL	CHN	CHC	C	6	162	81.0	65	97	...	97	98	CHC	CHN	CHN	40.123457	60539333.0	5.553784e+07	2.141622e+07	0.233538
2000	NL	CIN	CIN	C	2	163	82.0	85	77	...	102	102	CIN	CIN	CIN	52.147239	46867200.0	5.553784e+07	2.141622e+07	-0.404863
2000	NL	COL	COL	W	4	162	81.0	82	80	...	125	125	COL	COL	COL	50.617284	61111190.0	5.553784e+07	2.141622e+07	0.260240
2000	NL	FLO	FLA	E	3	161	81.0	79	82	...	94	95	FLA	FLO	FLO	49.068323	19872000.0	5.553784e+07	2.141622e+07	-1.665366
2000	NL	HOU	HOU	C	4	162	81.0	72	90	...	107	107	HOU	HOU	HOU	44.444444	51289111.0	5.553784e+07	2.141622e+07	-0.198388
2000	NL	LAN	LAD	W	2	162	81.0	86	76	...	94	94	LAD	LAN	LAN	53.086420	87924286.0	5.553784e+07	2.141622e+07	1.512239
2000	NL	MIL	MIL	C	3	163	81.0	73	89	...	97	98	MIL	ML4	MIL	44.785276	36505333.0	5.553784e+07	2.141622e+07	-0.888696
2000	NL	MON	WSN	E	4	162	81.0	67	95	...	103	104	MON	MON	MON	41.358025	32994333.0	5.553784e+07	2.141622e+07	-1.052637
2000	NL	NYN	NYM	E	2	162	81.0	94	68	...	96	96	NYM	NYN	NYN	58.024691	79509776.0	5.553784e+07	2.141622e+07	1.119336
2000	NL	PHI	PHI	E	5	162	81.0	65	97	...	100	101	PHI	PHI	PHI	40.123457	47308000.0	5.553784e+07	2.141622e+07	-0.384281
2000	NL	PIT	PIT	C	5	162	81.0	69	93	...	99	100	PIT	PIT	PIT	42.592593	28928334.0	5.553784e+07	2.141622e+07	-1.242493
2000	NL	SDN	SDP	W	5	162	81.0	76	86	...	92	92	SDP	SDN	SDN	46.913582	54821000.0	5.553784e+07	2.141622e+07	-0.033472
2000	NL	SFN	SFG	W	1	162	81.0	97	65	...	93	92	SFG	SFN	SFN	59.876543	53737826.0	5.553784e+07	2.141622e+07	-0.084049
2000	NL	SLN	STL	C	1	162	81.0	95	67	...	102	101	STL	SLN	SLN	58.641975	61453863.0	5.553784e+07	2.141622e+07	0.276240
2001	AL	ANA	ANA	W	3	162	81.0	75	87	...	101	101	ANA	ANA	ANA	46.296296	47535167.0	6.535544e+07	2.470771e+07	-0.721244
2001	AL	BAL	BAL	E	4	162	80.0	63	98	...	95	96	BAL	BAL	BAL	38.888889	67599540.0	6.535544e+07	2.470771e+07	0.090826
2001	AL	BOS	BOS	E	2	161	81.0	82	79	...	102	101	BOS	BOS	BOS	50.931677	110035833.0	6.535544e+07	2.470771e+07	1.808358
2001	AL	CHA	CHW	C	3	162	81.0	83	79	...	104	103	CHW	CHA	CHA	51.234568	65653667.0	6.535544e+07	2.470771e+07	0.012070
2001	AL	CLE	CLE	C	1	162	80.0	91	71	...	100	100	CLE	CLE	CLE	56.172840	93152001.0	6.535544e+07	2.470771e+07	1.125016
2001	AL	DET	DET	C	4	162	81.0	66	96	...	93	95	DET	DET	DET	40.740741	53416167.0	6.535544e+07	2.470771e+07	-0.483221
2001	AL	KCA	KCR	C	5	162	81.0	65	97	...	107	108	KCR	KCA	KCA	40.123457	35422500.0	6.535544e+07	2.470771e+07	-1.211482
2001	AL	MIN	MIN	C	2	162	81.0	85	77	...	102	102	MIN	MIN	MIN	52.469136	24130000.0	6.535544e+07	2.470771e+07	-1.668526
2001	AL	NYA	NYY	E	1	161	80.0	95	65	...	102	100	NYY	NYA	NYA	59.006211	112287143.0	6.535544e+07	2.470771e+07	1.899476
2001	AL	OAK	OAK	W	2	162	81.0	102	60	...	99	97	OAK	OAK	OAK	62.962963	33810750.0	6.535544e+07	2.470771e+07	-1.276715
2001	AL	SEA	SEA	W	1	162	81.0	116	46	...	94	93	SEA	SEA	SEA	71.604938	74720834.0	6.535544e+07	2.470771e+07	0.379047
2001	AL	TBA	TBD	E	5	162	81.0	62	100	...	98	100	TBD	TBA	TBA	38.271605	56980000.0	6.535544e+07	2.470771e+07	-0.338981
2001	AL	TEX	TEX	W	4	162	82.0	73	89	...	104	105	TEX	TEX	TEX	45.061728	88633500.0	6.535544e+07	2.470771e+07	0.942137
2001	AL	TOR	TOR	E	3	162	82.0	80	82	...	102	103	TOR	TOR	TOR	49.382716	76895999.0	6.535544e+07	2.470771e+07	0.467083
2001	NL	ARI	ARI	W	1	162	81.0	92	70	...	108	107	ARI	ARI	ARI	56.790123	85082999.0	6.535544e+07	2.470771e+07	0.798437
2001	NL	ATL	ATL	E	1	162	81.0	88	74	...	103	102	ATL	ATL	ATL	54.320988	91936166.0	6.535544e+07	2.470771e+07	1.075807
2001	NL	CHN	CHC	C	3	162	81.0	88	74	...	95	95	CHC	CHN	CHN	54.320988	64715833.0	6.535544e+07	2.470771e+07	-0.025887
2001	NL	CIN	CIN	C	5	162	81.0	66	96	...	105	105	CIN	CIN	CIN	40.740741	48986000.0	6.535544e+07	2.470771e+07	-0.662524
2001	NL	COL	COL	W	5	162	81.0	73	89	...	122	122	COL	COL	COL	45.061728	71541334.0	6.535544e+07	2.470771e+07	0.250363
2001	NL	FLO	FLA	E	4	162	80.0	76	86	...	97	97	FLA	FLO	FLO	46.913580	35762500.0	6.535544e+07	2.470771e+07	-1.197721
2001	NL	HOU	HOU	C	1	162	81.0	93	69	...	107	106	HOU	HOU	HOU	57.407407	60612667.0	6.535544e+07	2.470771e+07	-0.191955
2001	NL	LAN	LAD	W	3	162	81.0	86	76	...	92	91	LAD	LAN	LAN	53.086420	109105953.0	6.535544e+07	2.470771e+07	1.770723
2001	NL	MIL	MIL	C	4	162	81.0	68	94	...	98	99	MIL	ML4	MIL	41.975309	43886833.0	6.535544e+07	2.470771e+07	-0.868903
2001	NL	MON	WSN	E	5	162	81.0	68	94	...	101	102	MON	MON	MON	41.975309	35159500.0	6.535544e+07	2.470771e+07	-1.222127
2001	NL	NYN	NYM	E	3	162	81.0	82	80	...	96	96	NYM	NYN	NYN	50.617284	93174428.0	6.535544e+07	2.470771e+07	1.125923
2001	NL	PHI	PHI	E	2	162	81.0	86	76	...	98	98	PHI	PHI	PHI	53.086420	41663833.0	6.535544e+07	2.470771e+07	-0.958875
2001	NL	PIT	PIT	C	6	162	81.0	62	100	...	103	105	PIT	PIT	PIT	38.271605	57760833.0	6.535544e+07	2.470771e+07	-0.307378
2001	NL	SDN	SDP	W	4	162	81.0	79	83	...	91	92	SDP	SDN	SDN	48.765432	39182833.0	6.535544e+07	2.470771e+07	-1.059289
2001	NL	SFN	SFG	W	2	162	81.0	90	72	...	93	92	SFG	SFN	SFN	55.555556	63280167.0	6.535544e+07	2.470771e+07	-0.083993
2001	NL	SLN	STL	C	2	162	82.0	93	69	...	100	99	STL	SLN	SLN	57.407407	78538333.0	6.535544e+07	2.470771e+07	0.533554
2002	AL	ANA	ANA	W	2	162	81.0	99	63	...	100	99	ANA	ANA	ANA	61.111111	61721667.0	6.746925e+07	2.469219e+07	-0.232769
2002	AL	BAL	BAL	E	4	162	81.0	67	95	...	95	96	BAL	BAL	BAL	41.358025	60493487.0	6.746925e+07	2.469219e+07	-0.282509
2002	AL	BOS	BOS	E	2	162	81.0	93	69	...	103	102	BOS	BOS	BOS	57.400407	108366060.0	6.746925e+07	2.469219e+07	1.656265
2002	AL	CHA	CHW	C	2	162	81.0	81	81	...	102	101	CHW	CHA	CHA	50.000000	57052833.0	6.746925e+07	2.469219e+07	-0.421851
2002	AL	CLE	CLE	C	3	162	81.0	74	88	...	97	98	CLE	CLE	CLE	45.6790				

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDlahman45	teamIDretro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2002	AL	NYA	NYY	E	1	161	80.0	103	58	...	100	99	NYY	NYA	NYA	63.975155	125928583.0	6.746925e+07	2.469219e+07	2.367523
2002	AL	OAK	OAK	W	1	162	81.0	103	59	...	98	97	OAK	OAK	OAK	63.580247	40004167.0	6.746925e+07	2.469219e+07	-1.112298
2002	AL	SEA	SEA	W	3	162	81.0	93	69	...	97	95	SEA	SEA	SEA	57.407407	80282668.0	6.746925e+07	2.469219e+07	0.518926
2002	AL	TBA	TBD	E	5	161	81.0	55	106	...	97	99	TBD	TBA	TBA	34.161491	34380000.0	6.746925e+07	2.469219e+07	-1.340069
2002	AL	TEX	TEX	W	4	162	80.0	72	90	...	106	107	TEX	TEX	TEX	44.444444	105526122.0	6.746925e+07	2.469219e+07	1.541251
2002	AL	TOR	TOR	E	3	162	81.0	78	84	...	104	104	TOR	TOR	TOR	48.148148	76864333.0	6.746925e+07	2.469219e+07	0.380488
2002	NL	ARI	ARI	W	1	162	81.0	98	64	...	111	111	ARI	ARI	ARI	60.493827	102819999.0	6.746925e+07	2.469219e+07	1.431657
2002	NL	ATL	ATL	E	1	161	81.0	101	59	...	102	101	ATL	ATL	ATL	62.732919	92870367.0	6.746925e+07	2.469219e+07	1.028710
2002	NL	CHN	CHC	C	5	162	78.0	67	95	...	98	98	CHC	CHN	CHN	41.358025	75690833.0	6.746925e+07	2.469219e+07	0.332963
2002	NL	CIN	CIN	C	3	162	80.0	78	84	...	104	105	CIN	CIN	CIN	48.148148	445050390.0	6.746925e+07	2.469219e+07	-0.907933
2002	NL	COL	COL	W	4	162	81.0	73	89	...	116	116	COL	COL	COL	45.061728	56851043.0	6.746925e+07	2.469219e+07	-0.430023
2002	NL	FLO	FLA	E	4	162	81.0	79	83	...	97	98	FLA	FLO	FLO	48.765432	41979917.0	6.746925e+07	2.469219e+07	-1.032283
2002	NL	HOU	HOU	C	2	162	81.0	84	78	...	106	105	HOU	HOU	HOU	51.851852	63448417.0	6.746925e+07	2.469219e+07	-0.162838
2002	NL	LAN	LAD	W	3	162	81.0	92	70	...	92	92	LAD	LAN	LAN	56.790123	94850953.0	6.746925e+07	2.469219e+07	1.108921
2002	NL	MIL	MIL	C	6	162	81.0	56	106	...	98	99	MIL	ML4	MIL	34.567901	50287833.0	6.746925e+07	2.469219e+07	-0.695824
2002	NL	MON	WSN	E	2	162	81.0	83	79	...	103	103	MON	MON	MON	51.234568	38670500.0	6.746925e+07	2.469219e+07	-1.166310
2002	NL	NYN	NYM	E	5	161	78.0	75	86	...	97	97	NYM	NYN	NYN	46.583851	94633593.0	6.746925e+07	2.469219e+07	1.100119
2002	NL	PHI	PHI	E	3	161	79.0	80	81	...	94	94	PHI	PHI	PHI	49.689441	57954999.0	6.746925e+07	2.469219e+07	-0.385314
2002	NL	PIT	PIT	C	4	161	79.0	72	89	...	102	103	PIT	PIT	PIT	44.720497	42323599.0	6.746925e+07	2.469219e+07	-1.018364
2002	NL	SDN	SDP	W	5	162	81.0	66	96	...	90	91	SDP	SDN	SDN	40.740741	41425000.0	6.746925e+07	2.469219e+07	-1.054757
2002	NL	SFN	SFG	W	2	162	81.0	95	66	...	95	94	SFG	SFN	SFN	58.641975	78299835.0	6.746925e+07	2.469219e+07	0.438624
2002	NL	SLN	STL	C	1	162	81.0	97	65	...	98	97	STL	SLN	SLN	59.876543	74660875.0	6.746925e+07	2.469219e+07	0.291251
2003	AL	ANA	ANA	W	3	162	82.0	77	85	...	98	97	ANA	ANA	ANA	47.530864	79031667.0	7.094207e+07	2.801196e+07	0.288791
2003	AL	BAL	BAL	E	4	163	81.0	71	91	...	99	99	BAL	BAL	BAL	43.558282	73877500.0	7.094207e+07	2.801196e+07	0.104792
2003	AL	BOS	BOS	E	2	162	81.0	95	67	...	105	103	BOS	BOS	BOS	58.641975	99946500.0	7.094207e+07	2.801196e+07	1.035430
2003	AL	CHA	CHW	C	2	162	81.0	86	76	...	102	102	CHW	CHA	CHA	53.086420	51010000.0	7.094207e+07	2.801196e+07	-0.711556
2003	AL	CLE	CLE	C	4	162	81.0	68	94	...	96	97	CLE	CLE	CLE	41.975309	48584834.0	7.094207e+07	2.801196e+07	-0.798132
2003	AL	DET	DET	C	5	162	81.0	43	119	...	93	95	DET	DET	DET	26.543210	49168000.0	7.094207e+07	2.801196e+07	-0.777313
2003	AL	KCA	KCR	C	3	162	80.0	83	79	...	107	108	KCR	KCA	KCA	51.234568	40518000.0	7.094207e+07	2.801196e+07	-1.086110
2003	AL	MIN	MIN	C	1	162	81.0	90	72	...	101	100	MIN	MIN	MIN	55.555556	55505000.0	7.094207e+07	2.801196e+07	-0.551089
2003	AL	NYA	NYY	E	1	163	82.0	101	61	...	98	97	NYY	NYA	NYA	61.963190	152749814.0	7.094207e+07	2.801196e+07	2.920457
2003	AL	OAK	OAK	W	1	162	81.0	96	66	...	99	98	OAK	OAK	OAK	59.259259	50260834.0	7.094207e+07	2.801196e+07	-0.738300
2003	AL	SEA	SEA	W	2	162	81.0	93	69	...	95	95	SEA	SEA	SEA	57.407407	86959167.0	7.094207e+07	2.801196e+07	0.571795
2003	AL	TBA	TBD	E	5	162	81.0	63	99	...	95	97	TBD	TBA	TBA	38.888889	19630000.0	7.094207e+07	2.801196e+07	-1.831791
2003	AL	TEX	TEX	W	4	162	81.0	71	91	...	111	111	TEX	TEX	TEX	43.827160	103491667.0	7.094207e+07	2.801196e+07	1.161989
2003	AL	TOR	TOR	E	3	162	81.0	86	76	...	104	104	TOR	TOR	TOR	53.086420	51269000.0	7.094207e+07	2.801196e+07	-0.702310
2003	NL	ARI	ARI	W	3	162	81.0	84	78	...	108	109	ARI	ARI	ARI	51.851852	80657000.0	7.094207e+07	2.801196e+07	0.346814
2003	NL	ATL	ATL	E	1	162	81.0	101	61	...	101	100	ATL	ATL	ATL	62.345679	106243667.0	7.094207e+07	2.801196e+07	1.260233
2003	NL	CHN	CHC	C	1	162	81.0	88	74	...	101	101	CHC	CHN	CHN	54.320988	79868333.0	7.094207e+07	2.801196e+07	0.318659
2003	NL	CIN	CIN	C	5	162	81.0	69	93	...	95	96	CIN	CIN	CIN	42.592593	59355667.0	7.094207e+07	2.801196e+07	-0.413623
2003	NL	COL	COL	W	4	162	81.0	74	88	...	115	116	COL	COL	COL	45.679012	67179667.0	7.094207e+07	2.801196e+07	-0.134314
2003	NL	FLO	FLA	E	2	162	81.0	91	71	...	98	98	FLA	FLO	FLO	56.172840	49450000.0	7.094207e+07	2.801196e+07	-0.767246
2003	NL	HOU	HOU	C	2	162	81.0	87	75	...	103	102	HOU	HOU	HOU	53.703704	71040000.0	7.094207e+07	2.801196e+07	0.003496
2003	NL	LAN	LAD	W	2	162	81.0	85	77	...	94	94	LAD	LAN	LAN	52.469136	105572620.0	7.094207e+07	2.801196e+07	1.236277
2003	NL	MIL	MIL	C	6	162	81.0	68	94	...	98	100	MIL	ML4	MIL	41.975309	40627000.0	7.094207e+07	2.801196e+07	-1.082219
2003	NL	MON	WSN	E	4	162	81.0	83	79	...	105	105	MON	MON	MON	51.234568	51948500.0	7.094207e+07	2.801196e+07	-0.678052
2003	NL	NYN	NYM	E	5	161	80.0	66	95	...	97	98	NYM	NYN	NYN	40.993789	116876429.0	7.094207e+07	2.801196e+07	1.639812
2003	NL	PHI	PHI	E	3	162	81.0	86	76	...	93	93	PHI	PHI	PHI	53.086420	70780000.0	7.094207e+07	2.801196e+07	-0.005786
2003	NL	PIT	PIT	C	4	162	81.0	75	87	...	102	102	PIT	PIT	PIT	46.296296	54812429.0	7.094207e+07	2.801196e+07	-0.575813
2003	NL	SDN	SDP	W	5	162	81.0	64	98	...	91	92	SDP	SDN	SDN	39.506173	45210000.0	7.094207e+07	2.801196e+07	-0.918610
2003	NL	SFN	SFG	W	1	161	81.0	100	61	...	99	98	SFG	SFN	SFN	62.111801	82852167.0	7.094207e+07	2.801196e+07	0.425179
2003	NL	SLN	STL	C	3	162	81.0	85	77	...	97	96	STL	SLN	SLN	52.469136	83786666.0	7.094207e+07	2.801196e+07	0.458540
2004	AL	ANA	ANA	W	1	162	81.0	92	70	...	97	97	ANA	ANA	ANA	56.790123	100534667.0	6.902220e+07	3.282411e+07	0.960040
2004	AL	BAL	BAL	E	3	162	81.0	78	84	...	98	99	BAL	BAL	BAL	48.148148	51623333.0	6.902220e+07	3.282411e+07	-0.530064
2004	AL	BOS	BOS	E	2	162	81.0	98	64	...	106	105	BOS	BOS	BOS	60.493827	127298500.0	6.902220e+07	3.282411e+07	1.775411
2004	AL	CHA	CHW	C	2	162	81.0	83	79	...	102	102	CHW	CHA	CHA	51.234568	65212500.0	6.902220e+07	3.282411e+07	-0.116064
2004	AL	CLE	CLE	C	3	162	81.0	80	82	...	94	94	CLE	CLE	CLE	49.382716	34319300.0	6.902220e+07	3.282411e+07	-1.057238
2004	AL	DET	DET	C	4	162	81.0	72	90	...	95	96	DET	DET	DET	44.444444	46832000.0	6.902220e+07	3.282411e+07	-0.676033
2004	AL	KCA	KCR	C	5	162	80.0	58	104	...	102	103	KCR	KCA	KCA	35.802469	47609000.0	6.902220e+07	3.282411e+07	-0.652362
2004	AL	MIN	MIN	C	1	162	81.0	92	70	...	103	102	MIN	MIN	MIN	56.790123	53585000.0	6.902220e+07	3.282411e+07	-0.470301
2004	AL	NYA	NYY	E	1	162	81.0	101	61	...	98	97	NYY	NYA	NYA	62.345679	184193950.0	6.902220e+07	3.282411e+07	3.508754
2004	AL	OAK	OAK	W	2	162	81.0	91	71	...	99	98	OAK	OAK	OAK	56.172840	59425667.0	6.902220e+07	3.282411e+07	-0.292362
2004	AL	SEA	SEA	W	4	162	82.0	63	99	...	97	98	SEA	SEA	SEA	38.888889	81515834.0	6.902220e+07	3.282411e+07	0.380624
2004	AL	TBA	TBD	E	4	161	80.0	70	91	...	96	98	TBD	TBA	TBA	43.478261	29556667.0	6.902220e+07	3.282411e+07	-1.202333
2004	AL	TEX	TEX	W	3	162	81.0	89	73	...	108	109	TEX	TEX	TEX	54.9				

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2004	NL	CHN	CHC	C	3	162	82.0	89	73	...	103	102	CHC	CHN	CHN	54.938272	90560000.0	6.902220e+07	3.282411e+07	0.656158
2004	NL	CIN	CIN	C	4	162	81.0	76	86	...	98	99	CIN	CIN	CIN	46.913580	46615250.0	6.902220e+07	3.282411e+07	-0.682637
2004	NL	COL	COL	W	4	162	81.0	68	94	...	113	114	COL	COL	COL	41.975309	65445167.0	6.902220e+07	3.282411e+07	-0.108976
2004	NL	FLO	FLA	E	3	162	80.0	83	79	...	95	95	FLA	FLO	FLO	51.234568	42143042.0	6.902220e+07	3.282411e+07	-0.818884
2004	NL	HOU	HOU	C	2	162	81.0	92	70	...	102	101	HOU	HOU	HOU	56.790123	75397000.0	6.902220e+07	3.282411e+07	0.194211
2004	NL	LAN	LAD	W	1	162	81.0	93	69	...	95	95	LAD	LAN	LAN	57.407407	92902001.0	6.902220e+07	3.282411e+07	0.727508
2004	NL	MIL	MIL	C	6	161	81.0	67	94	...	100	101	MIL	ML4	MIL	41.614907	27528500.0	6.902220e+07	3.282411e+07	-1.264122
2004	NL	MON	WSN	E	5	162	80.0	67	95	...	105	105	MON	MON	MON	41.358025	40897500.0	6.902220e+07	3.282411e+07	-0.856830
2004	NL	NYN	NYM	E	4	162	81.0	71	91	...	99	99	NYM	NYN	NYN	43.827160	96660970.0	6.902220e+07	3.282411e+07	0.842026
2004	NL	PHI	PHI	E	2	162	81.0	86	76	...	105	104	PHI	PHI	PHI	53.086420	92919167.0	6.902220e+07	3.282411e+07	0.728031
2004	NL	PIT	PIT	C	5	161	80.0	72	89	...	99	100	PIT	PIT	PIT	44.720497	32227929.0	6.902220e+07	3.282411e+07	-1.120952
2004	NL	SDN	SDP	W	3	162	81.0	87	75	...	90	90	SDP	SDN	SDN	53.703704	55384833.0	6.902220e+07	3.282411e+07	-0.415468
2004	NL	SFN	SFG	W	2	162	82.0	91	71	...	101	101	SFG	SFN	SFN	56.172840	82019166.0	6.902220e+07	3.282411e+07	0.395958
2004	NL	SLN	STL	C	1	162	81.0	105	57	...	100	99	STL	SLN	SLN	64.814815	83228333.0	6.902220e+07	3.282411e+07	0.432796
2005	AL	BAL	BAL	E	4	162	81.0	74	88	...	99	99	BAL	BAL	BAL	45.679012	73914333.0	7.295711e+07	3.417478e+07	0.028010
2005	AL	BOS	BOS	E	2	162	81.0	95	67	...	104	104	BOS	BOS	BOS	58.641975	123505125.0	7.295711e+07	3.417478e+07	1.479103
2005	AL	CHA	CHW	C	1	162	81.0	99	63	...	103	103	CHW	CHA	CHA	61.111111	75178000.0	7.295711e+07	3.417478e+07	0.064986
2005	AL	CLE	CLE	C	2	162	81.0	93	69	...	96	96	CLE	CLE	CLE	57.407407	41502500.0	7.295711e+07	3.417478e+07	-0.920404
2005	AL	DET	DET	C	4	162	81.0	71	91	...	98	98	DET	DET	DET	43.827160	69092000.0	7.295711e+07	3.417478e+07	-0.113098
2005	AL	KCA	KCR	C	5	162	81.0	56	106	...	99	101	KCR	KCA	KCA	34.567901	36881000.0	7.295711e+07	3.417478e+07	-1.055636
2005	AL	LAA	ANA	W	1	162	81.0	95	67	...	98	97	LAA	ANA	ANA	58.641975	94867822.0	7.295711e+07	3.417478e+07	0.641137
2005	AL	MIN	MIN	C	3	162	81.0	83	79	...	102	102	MIN	MIN	MIN	51.234568	56186000.0	7.295711e+07	3.417478e+07	-0.490745
2005	AL	NYA	NYN	E	1	162	81.0	95	67	...	98	97	NYN	NYA	NYA	58.641975	208306817.0	7.295711e+07	3.417478e+07	3.960514
2005	AL	OAK	OAK	W	2	162	81.0	88	74	...	101	100	OAK	OAK	OAK	54.320988	55425762.0	7.295711e+07	3.417478e+07	-0.512991
2005	AL	SEA	SEA	W	4	162	81.0	69	93	...	95	96	SEA	SEA	SEA	42.592593	87754334.0	7.295711e+07	3.417478e+07	0.432987
2005	AL	TBA	TBD	E	5	162	81.0	67	95	...	99	100	TBD	TBA	TBA	41.358025	29679067.0	7.295711e+07	3.417478e+07	-1.266374
2005	AL	TEX	TEX	W	3	162	81.0	79	83	...	106	106	TEX	TEX	TEX	48.765432	55849000.0	7.295711e+07	3.417478e+07	-0.500606
2005	AL	TOR	TOR	E	3	162	81.0	80	82	...	102	102	TOR	TOR	TOR	49.382716	45719500.0	7.295711e+07	3.417478e+07	-0.797009
2005	NL	ARI	ARI	W	2	162	81.0	77	85	...	103	105	ARI	ARI	ARI	47.530864	62329166.0	7.295711e+07	3.417478e+07	-0.310988
2005	NL	ATL	ATL	E	1	162	81.0	90	72	...	101	100	ATL	ATL	ATL	55.555556	86457302.0	7.295711e+07	3.417478e+07	0.395034
2005	NL	CHN	CHC	C	4	162	81.0	79	83	...	104	104	CHC	CHN	CHN	48.765432	87032933.0	7.295711e+07	3.417478e+07	0.411877
2005	NL	CIN	CIN	C	5	163	82.0	73	89	...	100	101	CIN	CIN	CIN	44.785276	61892583.0	7.295711e+07	3.417478e+07	-0.323763
2005	NL	COL	COL	W	5	162	81.0	67	95	...	112	113	COL	COL	COL	41.358025	47839000.0	7.295711e+07	3.417478e+07	-0.734990
2005	NL	FLO	FLA	E	3	162	81.0	83	79	...	94	94	FLA	FLO	FLO	51.234568	60408834.0	7.295711e+07	3.417478e+07	-0.367180
2005	NL	HOU	HOU	C	2	163	81.0	89	73	...	101	100	HOU	HOU	HOU	54.601227	76779000.0	7.295711e+07	3.417478e+07	0.111834
2005	NL	LAN	LAD	W	4	162	81.0	71	91	...	98	97	LAD	LAN	LAN	43.827160	83039000.0	7.295711e+07	3.417478e+07	0.295010
2005	NL	MIL	MIL	C	3	162	81.0	81	81	...	101	101	MIL	ML4	MIL	50.000000	39934833.0	7.295711e+07	3.417478e+07	-0.966276
2005	NL	NYN	NYM	E	3	162	81.0	83	79	...	98	97	NYM	NYN	NYN	51.234568	101305821.0	7.295711e+07	3.417478e+07	0.829521
2005	NL	PHI	PHI	E	2	162	81.0	88	74	...	105	104	PHI	PHI	PHI	54.320988	95522000.0	7.295711e+07	3.417478e+07	0.660279
2005	NL	PIT	PIT	C	6	162	81.0	67	95	...	99	100	PIT	PIT	PIT	41.358025	38133000.0	7.295711e+07	3.417478e+07	-1.019000
2005	NL	SDN	SDP	W	1	162	81.0	82	80	...	92	91	SDP	SDN	SDN	50.617284	63290833.0	7.295711e+07	3.417478e+07	-0.282848
2005	NL	SFN	SFG	W	3	162	81.0	75	87	...	101	101	SFG	SFN	SFN	46.296296	90199500.0	7.295711e+07	3.417478e+07	0.504535
2005	NL	SLN	STL	C	1	162	81.0	100	62	...	101	100	STL	SLN	SLN	61.728395	92106833.0	7.295711e+07	3.417478e+07	0.560347
2005	NL	WAS	WSN	E	5	162	81.0	81	81	...	95	96	WSN	MON	WAS	50.000000	48581500.0	7.295711e+07	3.417478e+07	-0.713263
2006	AL	BAL	BAL	E	4	162	81.0	70	92	...	99	100	BAL	BAL	BAL	43.209877	72585582.0	7.738242e+07	3.226495e+07	-0.148670
2006	AL	BOS	BOS	E	3	162	81.0	86	76	...	105	104	BOS	BOS	BOS	53.086420	120099824.0	7.738242e+07	3.226495e+07	1.323957
2006	AL	CHA	CHW	C	3	162	81.0	90	72	...	104	104	CHW	CHA	CHA	55.555556	102750667.0	7.738242e+07	3.226495e+07	0.786248
2006	AL	CLE	CLE	C	4	162	81.0	78	84	...	99	98	CLE	CLE	CLE	48.148148	56031500.0	7.738242e+07	3.226495e+07	-0.661737
2006	AL	DET	DET	C	2	162	81.0	95	67	...	100	100	DET	DET	DET	58.641975	82612866.0	7.738242e+07	3.226495e+07	0.162109
2006	AL	KCA	KCR	C	5	162	81.0	62	100	...	101	103	KCR	KCA	KCA	38.271605	47294000.0	7.738242e+07	3.226495e+07	-0.932542
2006	AL	LAA	ANA	W	2	162	81.0	89	73	...	100	100	LAA	ANA	ANA	54.938272	103472000.0	7.738242e+07	3.226495e+07	0.808604
2006	AL	MIN	MIN	C	1	162	81.0	96	66	...	98	98	MIN	MIN	MIN	59.259259	63396006.0	7.738242e+07	3.226495e+07	-0.433486
2006	AL	NYA	NYN	E	1	162	81.0	97	65	...	101	99	NYN	NYA	NYA	59.876543	194663079.0	7.738242e+07	3.226495e+07	3.634925
2006	AL	OAK	OAK	W	1	162	81.0	93	69	...	97	97	OAK	OAK	OAK	57.407407	62243079.0	7.738242e+07	3.226495e+07	-0.469219
2006	AL	SEA	SEA	W	4	162	81.0	78	84	...	97	97	SEA	SEA	SEA	48.148148	87959833.0	7.738242e+07	3.226495e+07	0.327830
2006	AL	TBA	TBD	E	5	162	81.0	61	101	...	99	101	TBD	TBA	TBA	37.654321	34917967.0	7.738242e+07	3.226495e+07	-1.316117
2006	AL	TEX	TEX	W	3	162	81.0	80	82	...	101	101	TEX	TEX	TEX	49.382716	68228662.0	7.738242e+07	3.226495e+07	-0.283706
2006	AL	TOR	TOR	E	2	162	81.0	87	75	...	100	100	TOR	TOR	TOR	53.703704	71365000.0	7.738242e+07	3.226495e+07	-0.186500
2006	NL	ARI	ARI	W	4	162	81.0	76	86	...	105	105	ARI	ARI	ARI	46.913580	59684226.0	7.738242e+07	3.226495e+07	-0.548527
2006	NL	ATL	ATL	E	3	162	81.0	79	83	...	100	99	ATL	ATL	ATL	48.765432	90156876.0	7.738242e+07	3.226495e+07	0.395924
2006	NL	CHN	CHC	C	6	162	81.0	66	96	...	103	103	CHC	CHN	CHN	40.740741	94424499.0	7.738242e+07	3.226495e+07	0.528192
2006	NL	CIN	CIN	C	3	162	82.0	80	82	...	104	104	CIN	CIN	CIN	49.382716	60909519.0	7.738242e+07	3.226495e+07	-0.510551
2006	NL	COL	COL	W	4	162	81.0	76	86	...	109	109	COL	COL	COL	46.913580	41233000.0	7.738242e+07	3.226495e+07	-1.120393
2006	NL	FLO	FLA	E	4	162	81.0	78	84	...	95	96	FLA	FLO	FLO	48.148148	14671500.0	7.738242e+07	3.226495e+07	-1.943624
2006	NL	HOU	HOU	C	2	162	81.0	82	80	...	100	99	HOU	HOU						

earID	IgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2006	NL	PHI	PHI	E	2	162	81.0	85	77	...	105	104	PHI	PHI	PHI	52.469136	88273333.0	7.738242e+07	3.226495e+07	0.337546
2006	NL	PIT	PIT	C	5	162	81.0	67	95	...	98	99	PIT	PIT	PIT	41.358025	46717750.0	7.738242e+07	3.226495e+07	-0.950402
2006	NL	SDN	SDP	W	1	162	81.0	88	74	...	91	90	SDP	SDN	SDN	54.320988	69896141.0	7.738242e+07	3.226495e+07	-0.232025
2006	NL	SFN	SFG	W	3	161	81.0	76	85	...	100	100	SFG	SFN	SFN	47.204969	90056419.0	7.738242e+07	3.226495e+07	0.392810
2006	NL	SLN	STL	C	1	161	80.0	83	78	...	99	99	STL	SLN	SLN	51.552795	88891371.0	7.738242e+07	3.226495e+07	0.356701
2006	NL	WAS	WSN	E	5	162	81.0	71	91	...	94	95	WSN	MON	WAS	43.827160	63143000.0	7.738242e+07	3.226495e+07	-0.441328
2007	AL	BAL	BAL	E	4	162	81.0	69	93	...	101	102	BAL	BAL	BAL	42.592593	93174808.0	8.255630e+07	3.390705e+07	0.313165
2007	AL	BOS	BOS	E	1	162	81.0	96	66	...	106	105	BOS	BOS	BOS	59.259259	143026214.0	8.255630e+07	3.390705e+07	1.783402
2007	AL	CHA	CHW	C	4	162	81.0	72	90	...	104	104	CHW	CHA	CHA	44.444444	108671833.0	8.255630e+07	3.390705e+07	0.770209
2007	AL	CLE	CLE	C	1	162	80.0	96	66	...	101	100	CLE	CLE	CLE	59.259259	61673267.0	8.255630e+07	3.390705e+07	-0.615891
2007	AL	DET	DET	C	2	162	81.0	88	74	...	102	101	DET	DET	DET	54.320988	94800369.0	8.255630e+07	3.390705e+07	0.361107
2007	AL	KCA	KCR	C	5	162	81.0	69	93	...	100	101	KCR	KCA	KCA	42.592593	67116500.0	8.255630e+07	3.390705e+07	-0.455357
2007	AL	LAA	ANA	W	1	162	81.0	94	68	...	101	100	LAA	ANA	ANA	58.024691	109251333.0	8.255630e+07	3.390705e+07	0.787300
2007	AL	MIN	MIN	C	3	162	81.0	79	83	...	95	95	MIN	MIN	MIN	48.765432	71439500.0	8.255630e+07	3.390705e+07	-0.327861
2007	AL	NYA	NYN	E	2	162	81.0	94	68	...	101	100	NYN	NYA	NYA	58.024691	189259045.0	8.255630e+07	3.390705e+07	3.146919
2007	AL	OAK	OAK	W	3	162	81.0	76	86	...	94	94	OAK	OAK	OAK	46.913580	79366940.0	8.255630e+07	3.390705e+07	-0.094062
2007	AL	SEA	SEA	W	2	162	82.0	88	74	...	96	97	SEA	SEA	SEA	54.320988	106460833.0	8.255630e+07	3.390705e+07	0.705002
2007	AL	TBA	TBD	E	5	162	81.0	66	96	...	98	100	TBD	TBA	TBA	40.740741	24123500.0	8.255630e+07	3.390705e+07	-1.723323
2007	AL	TEX	TEX	W	4	162	81.0	75	87	...	101	101	TEX	TEX	TEX	46.296296	68318675.0	8.255630e+07	3.390705e+07	-0.419902
2007	AL	TOR	TOR	E	3	162	81.0	83	79	...	100	99	TOR	TOR	TOR	51.234568	81942800.0	8.255630e+07	3.390705e+07	-0.018094
2007	NL	ARI	ARI	W	1	162	81.0	90	72	...	107	107	ARI	ARI	ARI	55.555556	52067546.0	8.255630e+07	3.390705e+07	-0.899186
2007	NL	ATL	ATL	E	3	162	81.0	84	78	...	98	98	ATL	ATL	ATL	51.851852	87290833.0	8.255630e+07	3.390705e+07	0.139633
2007	NL	CHN	CHC	C	1	162	81.0	85	77	...	105	104	CHC	CHN	CHN	52.469136	99670332.0	8.255630e+07	3.390705e+07	0.504734
2007	NL	CIN	CIN	C	5	162	81.0	72	90	...	104	104	CIN	CIN	CIN	44.444444	68524980.0	8.255630e+07	3.390705e+07	-0.413817
2007	NL	COL	COL	W	2	163	82.0	90	73	...	107	108	COL	COL	COL	55.214724	54041000.0	8.255630e+07	3.390705e+07	-0.840984
2007	NL	FLO	FLA	E	5	162	81.0	71	91	...	97	98	FLA	FLO	FLO	43.827160	30507000.0	8.255630e+07	3.390705e+07	-1.535058
2007	NL	HOU	HOU	C	4	162	81.0	73	89	...	100	100	HOU	HOU	HOU	45.061728	87759000.0	8.255630e+07	3.390705e+07	0.153440
2007	NL	LAN	LAD	W	4	162	81.0	82	80	...	101	100	LAD	LAN	LAN	50.617284	108454524.0	8.255630e+07	3.390705e+07	0.763800
2007	NL	MIL	MIL	C	2	162	81.0	83	79	...	100	100	MIL	ML4	MIL	51.234568	70986500.0	8.255630e+07	3.390705e+07	-0.341221
2007	NL	NYN	NYM	E	2	162	81.0	88	74	...	98	97	NYM	NYN	NYN	54.320988	115231663.0	8.255630e+07	3.390705e+07	0.963675
2007	NL	PHI	PHI	E	1	162	81.0	89	73	...	104	103	PHI	PHI	PHI	54.938272	89428213.0	8.255630e+07	3.390705e+07	0.202669
2007	NL	PIT	PIT	C	6	162	81.0	68	94	...	97	98	PIT	PIT	PIT	41.975309	38537833.0	8.255630e+07	3.390705e+07	-1.298210
2007	NL	SDN	SDP	W	3	163	81.0	89	74	...	90	90	SDP	SDN	SDN	54.601227	58110567.0	8.255630e+07	3.390705e+07	-0.720963
2007	NL	SFN	SFG	W	5	162	81.0	71	91	...	101	101	SFG	SFN	SFN	43.827160	90219056.0	8.255630e+07	3.390705e+07	0.225993
2007	NL	SLN	STL	C	3	162	81.0	78	84	...	99	99	STL	SLN	SLN	48.148148	90286823.0	8.255630e+07	3.390705e+07	0.227992
2007	NL	WAS	WSN	E	4	162	81.0	73	89	...	94	95	WSN	MON	WAS	45.061728	36947500.0	8.255630e+07	3.390705e+07	-1.345112
2008	AL	BAL	BAL	E	5	161	81.0	68	93	...	101	102	BAL	BAL	BAL	42.236025	67196246.0	8.949529e+07	3.780200e+07	-0.589891
2008	AL	BOS	BOS	E	2	162	81.0	95	67	...	108	106	BOS	BOS	BOS	58.641975	133390035.0	8.949529e+07	3.780200e+07	1.161175
2008	AL	CHA	CHW	C	1	163	82.0	89	74	...	105	105	CHW	CHA	CHA	54.601227	121189332.0	8.949529e+07	3.780200e+07	0.838422
2008	AL	CLE	CLE	C	3	162	81.0	81	81	...	98	98	CLE	CLE	CLE	50.000000	78970066.0	8.949529e+07	3.780200e+07	-0.278430
2008	AL	DET	DET	C	5	162	81.0	74	88	...	103	103	DET	DET	DET	45.679012	137685196.0	8.949529e+07	3.780200e+07	1.274798
2008	AL	KCA	KCR	C	4	162	81.0	75	87	...	98	100	KCR	KCA	KCA	46.296296	58245500.0	8.949529e+07	3.780200e+07	-0.826670
2008	AL	LAA	ANA	W	1	162	81.0	100	62	...	103	102	LAA	ANA	ANA	61.728395	119216333.0	8.949529e+07	3.780200e+07	0.786229
2008	AL	MIN	MIN	C	2	163	81.0	88	75	...	96	96	MIN	MIN	MIN	53.987730	56932766.0	8.949529e+07	3.780200e+07	-0.861397
2008	AL	NYA	NYN	E	3	162	81.0	89	73	...	103	102	NYN	NYA	NYA	54.938272	207896789.0	8.949529e+07	3.780200e+07	3.132149
2008	AL	OAK	OAK	W	3	161	81.0	75	86	...	95	95	OAK	OAK	OAK	46.583851	47967126.0	8.949529e+07	3.780200e+07	-1.098571
2008	AL	SEA	SEA	W	4	162	81.0	61	101	...	97	97	SEA	SEA	SEA	37.654321	117666482.0	8.949529e+07	3.780200e+07	0.745230
2008	AL	TBA	TBD	E	1	162	81.0	97	65	...	101	101	TBR	TBA	TBA	59.876543	43820597.0	8.949529e+07	3.780200e+07	-1.208261
2008	AL	TEX	TEX	W	2	162	81.0	79	83	...	102	102	TEX	TEX	TEX	48.765432	67712326.0	8.949529e+07	3.780200e+07	-0.576238
2008	AL	TOR	TOR	E	4	162	81.0	86	76	...	98	97	TOR	TOR	TOR	53.086420	97793900.0	8.949529e+07	3.780200e+07	0.219528
2008	NL	ARI	ARI	W	2	162	81.0	82	80	...	108	108	ARI	ARI	ARI	50.617284	66202712.0	8.949529e+07	3.780200e+07	-0.616173
2008	NL	ATL	ATL	E	4	162	81.0	72	90	...	98	98	ATL	ATL	ATL	44.444444	102365683.0	8.949529e+07	3.780200e+07	0.340469
2008	NL	CHN	CHC	C	1	161	81.0	97	64	...	108	107	CHC	CHN	CHN	60.248447	118345833.0	8.949529e+07	3.780200e+07	0.763202
2008	NL	CIN	CIN	C	5	162	81.0	74	88	...	102	103	CIN	CIN	CIN	45.679012	74117695.0	8.949529e+07	3.780200e+07	-0.406793
2008	NL	COL	COL	W	3	162	81.0	74	88	...	109	109	COL	COL	COL	45.679012	68655500.0	8.949529e+07	3.780200e+07	-0.551288
2008	NL	FLO	FLA	E	3	161	81.0	84	77	...	101	101	FLA	FLO	FLO	52.173913	21811500.0	8.949529e+07	3.780200e+07	-1.790482
2008	NL	HOU	HOU	C	3	161	80.0	86	75	...	98	98	HOU	HOU	HOU	53.416149	88930414.0	8.949529e+07	3.780200e+07	-0.014943
2008	NL	LAN	LAD	W	1	162	81.0	84	78	...	98	97	LAD	LAN	LAN	51.851852	118588536.0	8.949529e+07	3.780200e+07	0.769622
2008	NL	MIL	MIL	C	2	162	81.0	90	72	...	98	98	MIL	ML4	MIL	55.555556	80937499.0	8.949529e+07	3.780200e+07	-0.226385
2008	NL	NYN	NYM	E	2	162	81.0	89	73	...	99	98	NYM	NYN	NYN	54.938272	137793376.0	8.949529e+07	3.780200e+07	1.277660
2008	NL	PHI	PHI	E	1	162	81.0	92	70	...	103	102	PHI	PHI	PHI	56.790123	97879880.0	8.949529e+07	3.780200e+07	0.221803
2008	NL	PIT	PIT	C	6	162	81.0	67	95	...	96	98	PIT	PIT	PIT	41.358025	48689783.0	8.949529e+07	3.780200e+07	-1.079454
2008	NL	SDN	SDP	W	5	162	81.0	63	99	...	88	88	SDP	SDN	SDN	38.888889	73677616.0	8.949529e+07	3.780200e+07	-0.418435
2008	NL	SFN	SFG	W	4	162	81.0	72	90	...	102	103	SFG	SFN	SFN	44.444444	76594500.0	8.949529e+07	3.780200e+07	-0.341273
2008	NL	SLN	STL	C	4	162	81.0	86	76	...	99	99</								

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2009	AL	CHA	CHW	C	3	162	81.0	79	83	...	105	105	CHW	CHA	CHA	48.765432	96068500.0	8.882423e+07	3.385709e+07	0.213966
2009	AL	CLE	CLE	C	4	162	81.0	65	97	...	95	95	CLE	CLE	CLE	40.123457	81579166.0	8.882423e+07	3.385709e+07	-0.213990
2009	AL	DET	DET	C	2	163	81.0	86	77	...	101	102	DET	DET	DET	52.760736	115085145.0	8.882423e+07	3.385709e+07	0.775640
2009	AL	KCA	KCR	C	4	162	81.0	65	97	...	97	99	KCR	KCA	KCA	40.123457	70519333.0	8.882423e+07	3.385709e+07	-0.540652
2009	AL	LAA	ANA	W	1	162	81.0	97	65	...	99	98	LAA	ANA	ANA	59.876543	113709000.0	8.882423e+07	3.385709e+07	0.734994
2009	AL	MIN	MIN	C	1	163	82.0	87	76	...	99	98	MIN	MIN	MIN	53.374233	65299266.0	8.882423e+07	3.385709e+07	-0.694831
2009	AL	NYA	NYY	E	1	162	81.0	103	59	...	105	103	NYY	NYA	NYA	63.580247	201449189.0	8.882423e+07	3.385709e+07	3.326480
2009	AL	OAK	OAK	W	4	162	81.0	75	87	...	99	99	OAK	OAK	OAK	46.296296	61910000.0	8.882423e+07	3.385709e+07	-0.794936
2009	AL	SEA	SEA	W	3	162	81.0	85	77	...	94	96	SEA	SEA	SEA	52.469136	98904166.0	8.882423e+07	3.385709e+07	0.297720
2009	AL	TBA	TBD	E	3	162	81.0	84	78	...	98	97	TBR	TBA	TBA	51.851852	63313034.0	8.882423e+07	3.385709e+07	-0.753496
2009	AL	TEX	TEX	W	2	162	81.0	87	75	...	104	104	TEX	TEX	TEX	53.703704	68178798.0	8.882423e+07	3.385709e+07	-0.609782
2009	AL	TOR	TOR	E	4	162	81.0	75	87	...	100	99	TOR	TOR	TOR	46.296296	80538300.0	8.882423e+07	3.385709e+07	-0.244733
2009	NL	ARI	ARI	W	5	162	81.0	70	92	...	105	106	ARI	ARI	ARI	43.209877	73115666.0	8.882423e+07	3.385709e+07	-0.463967
2009	NL	ATL	ATL	E	3	162	81.0	86	76	...	99	98	ATL	ATL	ATL	53.086420	96726166.0	8.882423e+07	3.385709e+07	0.233391
2009	NL	CHN	CHC	C	2	161	80.0	83	78	...	107	106	CHC	CHN	CHN	51.552795	134809000.0	8.882423e+07	3.385709e+07	1.358202
2009	NL	CIN	CIN	C	4	162	81.0	78	84	...	100	100	CIN	CIN	CIN	48.148148	73558500.0	8.882423e+07	3.385709e+07	-0.450887
2009	NL	COL	COL	W	2	162	81.0	92	70	...	112	112	COL	COL	COL	56.790123	75201000.0	8.882423e+07	3.385709e+07	-0.402375
2009	NL	FLO	FLA	E	2	162	81.0	87	75	...	102	102	FLA	FLO	FLO	53.703704	36834000.0	8.882423e+07	3.385709e+07	-1.535579
2009	NL	HOU	HOU	C	5	162	81.0	74	88	...	98	98	HOU	HOU	HOU	45.679012	102996414.0	8.882423e+07	3.385709e+07	0.418588
2009	NL	LAN	LAD	W	1	162	81.0	95	67	...	96	95	LAD	LAN	LAN	58.641975	100414592.0	8.882423e+07	3.385709e+07	0.342332
2009	NL	MIL	MIL	C	3	162	81.0	80	82	...	98	98	MIL	ML4	MIL	49.382716	80182502.0	8.882423e+07	3.385709e+07	-0.255241
2009	NL	NYN	NYM	E	4	162	81.0	70	92	...	97	97	NYM	NYN	NYN	43.209877	149373987.0	8.882423e+07	3.385709e+07	1.788392
2009	NL	PHI	PHI	E	1	162	81.0	93	69	...	101	100	PHI	PHI	PHI	57.407407	113004046.0	8.882423e+07	3.385709e+07	0.714173
2009	NL	PIT	PIT	C	6	161	81.0	62	99	...	98	99	PIT	PIT	PIT	38.509317	48693000.0	8.882423e+07	3.385709e+07	-1.185312
2009	NL	SDN	SDP	W	4	162	81.0	75	87	...	90	90	SDP	SDN	SDN	46.296296	43333700.0	8.882423e+07	3.385709e+07	-1.343604
2009	NL	SFN	SFG	W	3	162	81.0	88	74	...	102	102	SFG	SFN	SFN	54.320988	83026450.0	8.882423e+07	3.385709e+07	-0.171243
2009	NL	SLN	STL	C	1	162	81.0	91	71	...	98	97	STL	SLN	SLN	56.172840	88528409.0	8.882423e+07	3.385709e+07	-0.008737
2009	NL	WAS	WSN	E	5	162	81.0	59	103	...	99	101	WSN	MON	WAS	36.419753	59928000.0	8.882423e+07	3.385709e+07	-0.853477
2010	AL	BAL	BAL	E	5	162	81.0	66	96	...	101	102	BAL	BAL	BAL	40.740741	81612500.0	9.071200e+07	3.811503e+07	-0.238738
2010	AL	BOS	BOS	E	3	162	81.0	89	73	...	106	105	BOS	BOS	BOS	54.938272	162447333.0	9.071200e+07	3.811503e+07	1.882075
2010	AL	CHA	CHW	C	2	162	81.0	88	74	...	105	105	CHW	CHA	CHA	54.320988	105530000.0	9.071200e+07	3.811503e+07	0.388771
2010	AL	CLE	CLE	C	4	162	81.0	69	93	...	93	93	CLE	CLE	CLE	42.592593	61203966.0	9.071200e+07	3.811503e+07	-0.774184
2010	AL	DET	DET	C	3	162	81.0	81	81	...	101	101	DET	DET	DET	50.000000	122864928.0	9.071200e+07	3.811503e+07	0.843576
2010	AL	KCA	KCR	C	5	162	81.0	67	95	...	99	101	KCR	KCA	KCA	41.358025	71405210.0	9.071200e+07	3.811503e+07	-0.506540
2010	AL	LAA	ANA	W	3	162	81.0	80	82	...	98	98	LAA	ANA	ANA	49.382716	104963866.0	9.071200e+07	3.811503e+07	0.373917
2010	AL	MIN	MIN	C	1	162	81.0	94	68	...	101	100	MIN	MIN	MIN	58.024691	97559166.0	9.071200e+07	3.811503e+07	0.179645
2010	AL	NYA	NYY	E	2	162	81.0	95	67	...	105	103	NYY	NYA	NYA	58.641975	206333389.0	9.071200e+07	3.811503e+07	3.033485
2010	AL	OAK	OAK	W	2	162	81.0	81	81	...	100	100	OAK	OAK	OAK	50.000000	55254900.0	9.071200e+07	3.811503e+07	-0.930265
2010	AL	SEA	SEA	W	4	162	81.0	61	101	...	93	95	SEA	SEA	SEA	37.654321	86510000.0	9.071200e+07	3.811503e+07	-0.110245
2010	AL	TBA	TBD	E	1	162	81.0	96	66	...	96	95	TBR	TBA	TBA	59.259259	71923471.0	9.071200e+07	3.811503e+07	-0.492943
2010	AL	TEX	TEX	W	1	162	81.0	90	72	...	105	104	TEX	TEX	TEX	55.555556	55250544.0	9.071200e+07	3.811503e+07	-0.930380
2010	AL	TOR	TOR	E	4	162	78.0	85	77	...	100	100	TOR	TOR	TOR	52.469136	62234000.0	9.071200e+07	3.811503e+07	-0.747159
2010	NL	ARI	ARI	W	5	162	81.0	65	97	...	104	105	ARI	ARI	ARI	40.123457	60718166.0	9.071200e+07	3.811503e+07	-0.786929
2010	NL	ATL	ATL	E	2	162	81.0	91	71	...	98	97	ATL	ATL	ATL	56.172840	84423666.0	9.071200e+07	3.811503e+07	-0.164983
2010	NL	CHN	CHC	C	5	162	81.0	75	87	...	108	108	CHC	CHN	CHN	46.296296	146609000.0	9.071200e+07	3.811503e+07	1.466534
2010	NL	CIN	CIN	C	1	162	81.0	91	71	...	99	99	CIN	CIN	CIN	56.172840	71761542.0	9.071200e+07	3.811503e+07	-0.497191
2010	NL	COL	COL	W	3	162	81.0	83	79	...	115	115	COL	COL	COL	51.234568	84227000.0	9.071200e+07	3.811503e+07	-0.170143
2010	NL	FLO	FLA	E	3	162	81.0	80	82	...	105	104	FLA	FLO	FLO	49.382716	57029719.0	9.071200e+07	3.811503e+07	-0.883701
2010	NL	HOU	HOU	C	4	162	81.0	76	86	...	95	96	HOU	HOU	HOU	46.913580	92355500.0	9.071200e+07	3.811503e+07	0.043120
2010	NL	LAN	LAD	W	4	162	81.0	80	82	...	95	95	LAD	LAN	LAN	49.382716	95358016.0	9.071200e+07	3.811503e+07	0.121895
2010	NL	MIL	MIL	C	3	162	81.0	77	85	...	98	98	MIL	ML4	MIL	47.530864	81108278.0	9.071200e+07	3.811503e+07	-0.251967
2010	NL	NYN	NYM	E	4	162	81.0	79	83	...	97	97	NYM	NYN	NYN	48.765432	134422942.0	9.071200e+07	3.811503e+07	1.146816
2010	NL	PHI	PHI	E	1	162	84.0	97	65	...	101	100	PHI	PHI	PHI	59.876543	141928379.0	9.071200e+07	3.811503e+07	1.343732
2010	NL	PIT	PIT	C	6	162	81.0	57	105	...	99	101	PIT	PIT	PIT	35.185185	34943000.0	9.071200e+07	3.811503e+07	-1.463176
2010	NL	SDN	SDP	W	2	162	81.0	90	72	...	91	91	SDP	SDN	SDN	55.555556	37799300.0	9.071200e+07	3.811503e+07	-1.388237
2010	NL	SFN	SFG	W	1	162	81.0	92	70	...	101	101	SFG	SFN	SFN	56.790123	98641333.0	9.071200e+07	3.811503e+07	0.208037
2010	NL	SLN	STL	C	2	162	81.0	86	76	...	97	97	STL	SLN	SLN	53.086420	93540751.0	9.071200e+07	3.811503e+07	0.074216
2010	NL	WAS	WSN	E	5	162	81.0	69	93	...	99	100	WSN	MON	WAS	42.592593	61400000.0	9.071200e+07	3.811503e+07	-0.769040
2011	AL	BAL	BAL	E	5	162	81.0	69	93	...	96	97	BAL	BAL	BAL	42.592593	85304038.0	9.281684e+07	4.081197e+07	-0.184083
2011	AL	BOS	BOS	E	3	162	81.0	90	72	...	106	105	BOS	BOS	BOS	55.555556	161762475.0	9.281684e+07	4.081197e+07	1.689348
2011	AL	CHA	CHW	C	3	162	81.0	79	83	...	99	100	CHW	CHA	CHA	48.765432	127789000.0	9.281684e+07	4.081197e+07	0.856909
2011	AL	CLE	CLE	C	2	162	81.0	80	82	...	96	97	CLE	CLE	CLE	49.382716	48776566.0	9.281684e+07	4.081197e+07	-1.079102
2011	AL	DET	DET	C	1	162	81.0	95	67	...	103	102	DET	DET	DET	58.641975	105700231.0	9.281684e+07	4.081197e+07	0.315677
2011	AL	KCA	KCR	C	4	162	81.0	71	91	...	101	101	KCR	KCA	KCA	43.827160	35712000.0	9.281684e+07	4.081197e+07	-1.399218
2011	AL	LAA	ANA	W																

earID	IgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PFF	teamIDBR	teamIDLahman45	teamIDDretro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2011	AL	SEA	SEA	W	4	162	84.0	67	95	...	94	95	SEA	SEA	SEA	41.358025	86110600.0	9.281684e+07	4.081197e+07	-0.164320
2011	AL	TBA	TBD	E	2	162	81.0	91	71	...	92	92	TBR	TBA	TBA	56.172840	41053571.0	9.281684e+07	4.081197e+07	-1.268335
2011	AL	TEX	TEX	W	1	162	81.0	96	66	...	117	115	TEX	TEX	TEX	59.259259	92299264.0	9.281684e+07	4.081197e+07	-0.012682
2011	AL	TOR	TOR	E	4	162	81.0	81	81	...	104	104	TOR	TOR	TOR	50.000000	62567800.0	9.281684e+07	4.081197e+07	-0.741181
2011	NL	ARI	ARI	W	1	162	81.0	94	68	...	107	106	ARI	ARI	ARI	58.024691	53639833.0	9.281684e+07	4.081197e+07	-0.959939
2011	NL	ATL	ATL	E	2	162	81.0	89	73	...	98	98	ATL	ATL	ATL	54.938272	87002692.0	9.281684e+07	4.081197e+07	-0.142462
2011	NL	CHN	CHC	C	5	162	81.0	71	91	...	96	97	CHC	CHN	CHN	43.827160	125047329.0	9.281684e+07	4.081197e+07	0.789731
2011	NL	CIN	CIN	C	3	162	81.0	79	83	...	107	106	CIN	CIN	CIN	48.765432	75947134.0	9.281684e+07	4.081197e+07	-0.413352
2011	NL	COL	COL	W	4	162	81.0	73	89	...	116	116	COL	COL	COL	45.061728	88148071.0	9.281684e+07	4.081197e+07	-0.114397
2011	NL	FLO	FLA	E	5	162	78.0	72	90	...	99	100	FLA	FLO	FLO	44.444444	56944000.0	9.281684e+07	4.081197e+07	-0.878978
2011	NL	HOU	HOU	C	6	162	81.0	56	106	...	102	104	HOU	HOU	HOU	34.567901	70694000.0	9.281684e+07	4.081197e+07	-0.542067
2011	NL	LAN	LAD	W	3	161	81.0	82	79	...	98	98	LAD	LAN	LAN	50.931677	104188999.0	9.281684e+07	4.081197e+07	0.278648
2011	NL	MIL	MIL	C	1	162	81.0	96	66	...	103	102	MIL	ML4	MIL	59.259259	85497333.0	9.281684e+07	4.081197e+07	-0.179347
2011	NL	NYN	NYM	E	4	162	81.0	77	85	...	98	98	NYM	NYN	NYN	47.530864	118847309.0	9.281684e+07	4.081197e+07	0.637814
2011	NL	PHI	PHI	E	1	162	81.0	102	60	...	105	103	PHI	PHI	PHI	62.962963	172976379.0	9.281684e+07	4.081197e+07	1.964118
2011	NL	PIT	PIT	C	4	162	81.0	72	90	...	96	97	PIT	PIT	PIT	44.444444	45047000.0	9.281684e+07	4.081197e+07	-1.170486
2011	NL	SDN	SDP	W	5	162	81.0	71	91	...	92	92	SDP	SDN	SDN	43.827160	45869140.0	9.281684e+07	4.081197e+07	-1.150341
2011	NL	SFN	SFG	W	2	162	81.0	86	76	...	89	89	SFG	SFN	SFN	53.086420	118198333.0	9.281684e+07	4.081197e+07	0.621913
2011	NL	SLN	STL	C	2	162	81.0	90	72	...	95	94	STL	SLN	SLN	55.555556	105433572.0	9.281684e+07	4.081197e+07	0.309143
2011	NL	WAS	WSN	E	3	161	80.0	80	81	...	100	100	WSN	MON	WAS	49.689441	63856928.0	9.281684e+07	4.081197e+07	-0.709594
2012	AL	BAL	BAL	E	2	162	81.0	93	69	...	102	103	BAL	BAL	BAL	57.407407	77353999.0	9.775804e+07	3.681754e+07	-0.554194
2012	AL	BOS	BOS	E	5	162	81.0	69	93	...	106	106	BOS	BOS	BOS	42.592593	173186617.0	9.775804e+07	3.681754e+07	2.048713
2012	AL	CHA	CHW	C	2	162	81.0	85	77	...	106	106	CHW	CHA	CHA	52.469136	96919500.0	9.775804e+07	3.681754e+07	-0.022776
2012	AL	CLE	CLE	C	4	162	81.0	68	94	...	93	95	CLE	CLE	CLE	41.975309	78430300.0	9.775804e+07	3.681754e+07	-0.524960
2012	AL	DET	DET	C	1	162	81.0	88	74	...	104	103	DET	DET	DET	54.320988	132300000.0	9.775804e+07	3.681754e+07	0.938193
2012	AL	KCA	KCR	C	3	162	81.0	72	90	...	100	100	KCR	KCA	KCA	44.444444	60916225.0	9.775804e+07	3.681754e+07	-1.000659
2012	AL	LAA	ANA	W	3	162	81.0	89	73	...	92	92	LAA	ANA	ANA	54.938272	154485166.0	9.775804e+07	3.681754e+07	1.540764
2012	AL	MIN	MIN	C	5	162	81.0	66	96	...	97	99	MIN	MIN	MIN	40.740741	94085000.0	9.775804e+07	3.681754e+07	-0.099763
2012	AL	NYA	NYY	E	1	162	81.0	95	67	...	103	102	NYY	NYA	NYA	58.641975	19652289.0	9.775804e+07	3.681754e+07	2.682533
2012	AL	OAK	OAK	W	1	162	81.0	94	68	...	97	97	OAK	OAK	OAK	58.024691	55372500.0	9.775804e+07	3.681754e+07	-1.151232
2012	AL	SEA	SEA	W	4	162	81.0	75	87	...	90	91	SEA	SEA	SEA	46.296296	81978100.0	9.775804e+07	3.681754e+07	-0.428598
2012	AL	TBA	TBD	E	3	162	81.0	90	72	...	94	93	TBR	TBA	TBA	55.555556	64173500.0	9.775804e+07	3.681754e+07	-0.912189
2012	AL	TEX	TEX	W	2	162	81.0	93	69	...	112	111	TEX	TEX	TEX	57.407407	120510974.0	9.775804e+07	3.681754e+07	0.617992
2012	AL	TOR	TOR	E	4	162	81.0	73	89	...	103	104	TOR	TOR	TOR	45.061728	75009200.0	9.775804e+07	3.681754e+07	-0.617881
2012	NL	ARI	ARI	W	3	162	81.0	81	81	...	105	106	ARI	ARI	ARI	50.000000	73804833.0	9.775804e+07	3.681754e+07	-0.650592
2012	NL	ATL	ATL	E	2	162	81.0	94	68	...	102	101	ATL	ATL	ATL	58.024691	82829942.0	9.775804e+07	3.681754e+07	-0.405462
2012	NL	CHN	CHC	C	5	162	81.0	61	101	...	98	99	CHC	CHN	CHN	37.654321	88197033.0	9.775804e+07	3.681754e+07	-0.259686
2012	NL	CIN	CIN	C	1	162	81.0	97	65	...	107	107	CIN	CIN	CIN	59.876543	82203616.0	9.775804e+07	3.681754e+07	-0.422473
2012	NL	COL	COL	W	5	162	81.0	64	98	...	120	121	COL	COL	COL	39.506173	78069571.0	9.775804e+07	3.681754e+07	-0.534758
2012	NL	HOU	HOU	C	6	162	81.0	55	107	...	99	101	HOU	HOU	HOU	33.950617	60651000.0	9.775804e+07	3.681754e+07	-1.007863
2012	NL	LAN	LAD	W	2	162	81.0	86	76	...	96	96	LAD	LAN	LAN	53.086420	95143575.0	9.775804e+07	3.681754e+07	-0.071011
2012	NL	MIA	FLA	E	5	162	81.0	69	93	...	100	100	MIA	FLO	MIA	42.592593	118078000.0	9.775804e+07	3.681754e+07	0.551910
2012	NL	MIL	MIL	C	3	162	81.0	83	79	...	104	104	MIL	ML4	MIL	51.234568	97653944.0	9.775804e+07	3.681754e+07	-0.002827
2012	NL	NYN	NYM	E	4	162	81.0	74	88	...	96	97	NYM	NYN	NYN	45.679012	93353983.0	9.775804e+07	3.681754e+07	-0.119618
2012	NL	PHI	PHI	E	3	162	81.0	81	81	...	102	101	PHI	PHI	PHI	50.000000	174538938.0	9.775804e+07	3.681754e+07	2.085444
2012	NL	PIT	PIT	C	4	162	81.0	79	83	...	93	94	PIT	PIT	PIT	48.765432	62951999.0	9.775804e+07	3.681754e+07	-0.945366
2012	NL	SDN	SDP	W	4	162	81.0	76	86	...	92	92	SDP	SDN	SDN	46.913580	55244700.0	9.775804e+07	3.681754e+07	-1.154703
2012	NL	SFN	SFG	W	1	162	81.0	94	68	...	88	88	SFG	SFN	SFN	58.024691	117620683.0	9.775804e+07	3.681754e+07	0.539489
2012	NL	SLN	STL	C	2	162	81.0	88	74	...	98	97	STL	SLN	SLN	54.320988	110300862.0	9.775804e+07	3.681754e+07	0.340675
2012	NL	WAS	WSN	E	1	162	81.0	98	64	...	99	101	WSN	MON	WAS	60.493827	80855143.0	9.775804e+07	3.681754e+07	-0.459099
2013	AL	BAL	BAL	E	3	162	81.0	85	77	...	106	105	BAL	BAL	BAL	52.469136	84393333.0	1.011509e+08	4.883029e+07	-0.343179
2013	AL	BOS	BOS	E	1	162	81.0	97	65	...	102	102	BOS	BOS	BOS	59.876543	151530000.0	1.011509e+08	4.883029e+07	1.031719
2013	AL	CHA	CHW	C	5	162	81.0	63	99	...	104	105	CHC	CHN	CHN	38.888889	120065277.0	1.011509e+08	4.883029e+07	0.387350
2013	AL	CLE	CLE	C	2	162	81.0	92	70	...	93	94	CLE	CLE	CLE	56.790123	75771800.0	1.011509e+08	4.883029e+07	-0.519740
2013	AL	DET	DET	C	1	162	81.0	93	69	...	106	105	DET	DET	DET	57.407407	145989500.0	1.011509e+08	4.883029e+07	0.918255
2013	AL	HOU	HOU	W	5	162	81.0	51	111	...	99	101	HOU	HOU	HOU	31.481481	17890700.0	1.011509e+08	4.883029e+07	-1.705092
2013	AL	KCA	KCR	C	3	162	81.0	86	76	...	103	103	KCR	KCA	KCA	53.086420	80091725.0	1.011509e+08	4.883029e+07	-0.431272
2013	AL	LAA	ANA	W	3	162	81.0	78	84	...	94	94	LAA	ANA	ANA	48.148148	124174750.0	1.011509e+08	4.883029e+07	0.471508
2013	AL	MIN	MIN	C	4	162	81.0	66	96	...	99	101	MIN	MIN	MIN	40.740741	75337500.0	1.011509e+08	4.883029e+07	-0.528634
2013	AL	NYA	NYY	E	4	162	81.0	85	77	...	102	101	NYY	NYA	NYA	52.469136	231978886.0	1.011509e+08	4.883029e+07	2.679239
2013	AL	OAK	OAK	W	1	162	81.0	96	66	...	95	93	OAK	OAK	OAK	59.259259	60132500.0	1.011509e+08	4.883029e+07	-0.840019
2013	AL	SEA	SEA	W	4	162	81.0	71	91	...	92	92	SEA	SEA	SEA	43.827160	74005043.0	1.011509e+08	4.883029e+07	-0.555922
2013	AL	TBA	TBD	E	2	163	81.0	92	71	...	96	95	TBR	TBA	TBA	56.441718	52955272.0	1.011509e+08	4.883029e+07	-0.987002
2013	AL	TEX	TEX	W	2	163	82.0	91	72	...	104	103	TEX	TEX	TEX	55.828221	112522600.0	1.011509e+08	4.883029e+07	0.232883
2013	AL	TOR	TOR																	

earID	lgID	teamID	franchID	divID	Rank	G	Ghome	W	L	...	BPF	PPF	teamIDBR	teamIDLahman45	teamIDDetro	win_percentage	total_payroll	mean_payroll	stdev_payroll	standardized_payroll
2013	NL	CIN	CIN	C	3	162	80.0	90	72	...	103	102	CIN	CIN	CIN	55.555556	106404462.0	1.011509e+08	4.883029e+07	0.107589
2013	NL	COL	COL	W	5	162	81.0	74	88	...	117	118	COL	COL	COL	45.679012	74409071.0	1.011509e+08	4.883029e+07	-0.547647
2013	NL	LAN	LAD	W	1	162	81.0	92	70	...	95	95	LAD	LAN	LAN	56.790123	223362196.0	1.011509e+08	4.883029e+07	2.502777
2013	NL	MIA	FLA	E	5	162	81.0	62	100	...	102	103	MIA	FLO	MIA	38.271605	33601900.0	1.011509e+08	4.883029e+07	-1.383341
2013	NL	MIL	MIL	C	4	162	81.0	74	88	...	105	105	MIL	ML4	MIL	45.679012	76947033.0	1.011509e+08	4.883029e+07	-0.495672
2013	NL	NYN	NYM	E	4	162	81.0	74	88	...	94	95	NYM	NYN	NYN	45.679012	49448346.0	1.011509e+08	4.883029e+07	-1.058820
2013	NL	PHI	PHI	E	4	162	81.0	73	89	...	101	102	PHI	PHI	PHI	45.061728	169863189.0	1.011509e+08	4.883029e+07	1.407166
2013	NL	PIT	PIT	C	2	162	81.0	94	68	...	94	94	PIT	PIT	PIT	58.024691	77062000.0	1.011509e+08	4.883029e+07	-0.493318
2013	NL	SDN	SDP	W	3	162	81.0	76	86	...	91	91	SDP	SDN	SDN	46.913580	65585500.0	1.011509e+08	4.883029e+07	-0.728346
2013	NL	SFN	SFG	W	4	162	82.0	76	86	...	90	89	SFG	SFN	SFN	46.913580	140180334.0	1.011509e+08	4.883029e+07	0.799288
2013	NL	SLN	STL	C	1	162	81.0	97	65	...	99	97	STL	SLN	SLN	59.876543	92260110.0	1.011509e+08	4.883029e+07	-0.182074
2013	NL	WAS	WSN	E	2	162	81.0	86	76	...	102	101	WSN	MON	WAS	53.086420	113703270.0	1.011509e+08	4.883029e+07	0.257062
2014	AL	BAL	BAL	E	1	162	81.0	96	66	...	100	100	BAL	BAL	BAL	59.259259	103416000.0	9.980002e+07	4.570505e+07	0.079116
2014	AL	BOS	BOS	E	5	162	81.0	71	91	...	102	101	BOS	BOS	BOS	43.827160	139019929.0	9.980002e+07	4.570505e+07	0.858109
2014	AL	CHA	CHW	C	4	162	81.0	73	89	...	103	104	CHC	CHN	CHN	45.061728	81830500.0	9.980002e+07	4.570505e+07	-0.393163
2014	AL	CLE	CLE	C	3	162	81.0	85	77	...	97	97	CLE	CLE	CLE	52.469136	82151899.0	9.980002e+07	4.570505e+07	-0.386131
2014	AL	DET	DET	C	1	162	81.0	90	72	...	105	104	DET	DET	DET	55.555556	152855500.0	9.980002e+07	4.570505e+07	1.160823
2014	AL	HOU	HOU	W	4	162	81.0	70	92	...	101	102	HOU	HOU	HOU	43.209877	35116300.0	9.980002e+07	4.570505e+07	-1.415242
2014	AL	KCA	KCR	C	2	162	81.0	89	73	...	105	104	KCR	KCA	KCA	54.938272	74594075.0	9.980002e+07	4.570505e+07	-0.551491
2014	AL	LAA	ANA	W	1	162	81.0	98	64	...	96	95	LAA	ANA	ANA	60.493827	121988250.0	9.980002e+07	4.570505e+07	0.485466
2014	AL	MIN	MIN	C	5	162	81.0	70	92	...	102	103	MIN	MIN	MIN	43.209877	83762500.0	9.980002e+07	4.570505e+07	-0.350892
2014	AL	NYA	NYN	E	2	162	81.0	84	78	...	100	101	NYN	NYA	NYA	51.851852	197543907.0	9.980002e+07	4.570505e+07	2.138580
2014	AL	OAK	OAK	W	2	162	81.0	88	74	...	99	97	OAK	OAK	OAK	54.320988	72408400.0	9.980002e+07	4.570505e+07	-0.599313
2014	AL	SEA	SEA	W	3	162	81.0	87	75	...	95	95	SEA	SEA	SEA	53.703704	92531100.0	9.980002e+07	4.570505e+07	-0.159040
2014	AL	TBA	TBD	E	4	162	81.0	77	85	...	97	97	TBR	TBA	TBA	47.530864	72689100.0	9.980002e+07	4.570505e+07	-0.593171
2014	AL	TEX	TEX	W	5	162	81.0	67	95	...	101	101	TEX	TEX	TEX	41.358025	112255059.0	9.980002e+07	4.570505e+07	0.272509
2014	AL	TOR	TOR	E	3	162	81.0	83	79	...	102	102	TOR	TOR	TOR	51.234568	109920100.0	9.980002e+07	4.570505e+07	0.221422
2014	NL	ARI	ARI	W	5	162	81.0	64	98	...	102	102	ARI	ARI	ARI	39.506173	97861500.0	9.980002e+07	4.570505e+07	-0.042414
2014	NL	ATL	ATL	E	2	162	81.0	79	83	...	99	99	ATL	ATL	ATL	48.765432	97609000.0	9.980002e+07	4.570505e+07	-0.047938
2014	NL	CHN	CHC	C	5	162	81.0	73	89	...	100	101	CHW	CHA	CHA	45.061728	65522500.0	9.980002e+07	4.570505e+07	-0.749972
2014	NL	CIN	CIN	C	4	162	81.0	76	86	...	98	98	CIN	CIN	CIN	46.913580	108217500.0	9.980002e+07	4.570505e+07	0.184170
2014	NL	COL	COL	W	4	162	81.0	66	96	...	115	116	COL	COL	COL	40.740741	95403500.0	9.980002e+07	4.570505e+07	-0.096193
2014	NL	LAN	LAD	W	1	162	81.0	94	68	...	96	95	LAD	LAN	LAN	58.024691	217014600.0	9.980002e+07	4.570505e+07	2.564587
2014	NL	MIA	FLA	E	4	162	81.0	77	85	...	103	104	MIA	FLO	MIA	47.530864	41836900.0	9.980002e+07	4.570505e+07	-1.268199
2014	NL	MIL	MIL	C	3	162	81.0	82	80	...	102	103	MIL	ML4	MIL	50.617284	101217000.0	9.980002e+07	4.570505e+07	0.031003
2014	NL	NYN	NYM	E	3	162	81.0	79	83	...	94	95	NYM	NYN	NYN	48.765432	30750000.0	9.980002e+07	4.570505e+07	-1.510774
2014	NL	PHI	PHI	E	5	162	81.0	73	89	...	100	101	PHI	PHI	PHI	45.061728	180944967.0	9.980002e+07	4.570505e+07	1.775404
2014	NL	PIT	PIT	C	2	162	81.0	88	74	...	98	97	PIT	PIT	PIT	54.320988	77178000.0	9.980002e+07	4.570505e+07	-0.494957
2014	NL	SDN	SDP	W	3	162	81.0	77	85	...	91	91	SDP	SDN	SDN	47.530864	75685700.0	9.980002e+07	4.570505e+07	-0.527607
2014	NL	SFN	SFG	W	2	162	81.0	88	74	...	95	95	SFG	SFN	SFN	54.320988	20000000.0	9.980002e+07	4.570505e+07	-1.745978
2014	NL	SLN	STL	C	1	162	81.0	90	72	...	101	100	STL	SLN	SLN	55.555556	120693000.0	9.980002e+07	4.570505e+07	0.457126
2014	NL	WAS	WSN	E	1	162	81.0	96	66	...	104	102	WSN	MON	WAS	59.259259	131983680.0	9.980002e+07	4.570505e+07	0.704160

vs × 53 columns



Problem 6

```
In [9]: # split according to period of [1990, 1995) ....
def divide(b):
    bins = [1990, 1995, 2000, 2005, 2010, 2015]
    b_avg = b.copy()
    b_avg = b_avg[b_avg.yearID >=1990]
    b_avg['year_range'] = pd.cut(new_teams['yearID'],bins, right=False).astype(str)

    return b_avg
```



```

In [10]: def plot_standard(teams_avg, str):
    colors = np.array(["red", "green", "yellow", "pink", "purple", "beige", "brown", "gray", "cyan", "magenta"])
    scatter = []
    prior = '1990'
    i = 0
    j = 0

    # iterating over the standardized total payroll of each year and plotting the scatter points
    for index, row in teams_avg.iterrows():

        if j == 0 and int(row.year_range[1:5]) == 1990:
            j+=1
            scatter.append(plt.scatter(row['standardized_payroll'], row['win_percentage'], color= colors[i]))

        elif row.year_range[1:5] != prior:
            i+=1
            prior = (row.year_range[1:5])
            scatter.append(plt.scatter(row['standardized_payroll'], row['win_percentage'], color= colors[i]))

        else:
            plt.scatter(row['standardized_payroll'], row['win_percentage'], color= colors[i])

    # slope and intercept of the polyfit line
    slope, intercept = np.polyfit(teams_avg['standardized_payroll'], teams_avg['win_percentage'], deg = 1)

    # x values of the line
    abline_values = [slope * i + intercept for i in teams_avg['standardized_payroll']]

    # plotting the polyfit line
    line = plt.plot(teams_avg['standardized_payroll'], abline_values, 'b', linewidth=3)

    mask = teams_avg['win_percentage'] > 100
    scatter.append(plt.scatter(teams_avg[mask], teams_avg[mask], color= "blue"))

    # Legend for the plot
    plt.legend(scatter,
               ['[1990, 1995)', '[1995, 2000)', '[2000, 2005)', '[2005, 2010)', '[2010, 2015)', 'Best Fit'],
               scatterpoints=1,
               loc='lower left',
               ncol=3,
               fontsize=8)

    # Labeling of axes and title
    plt.xlabel('Standardized Payroll')
    plt.ylabel('Win Percentage')
    plt.title(str)
    plt.show()

    # split dataframe based of teams
    def ind(str):
        in_team_lst = []
        in_team_lst = new_teams['teamID'].apply(lambda x: True if x == str else False)
        in_team = new_teams[in_team_lst]

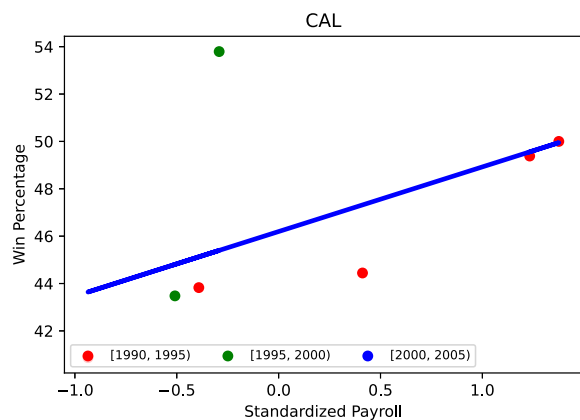
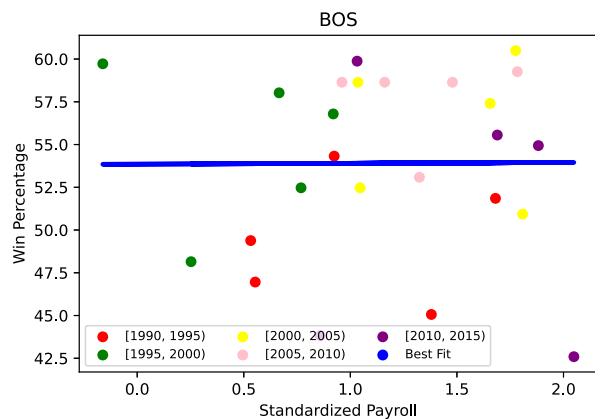
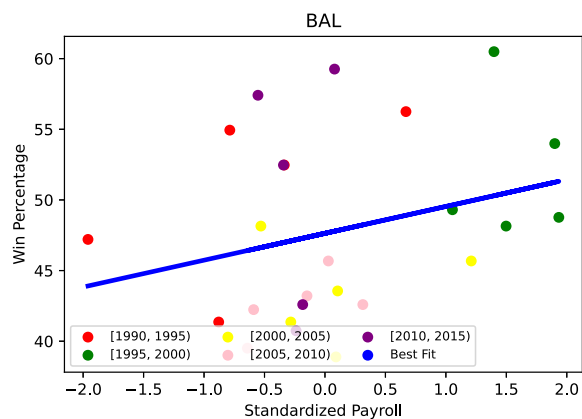
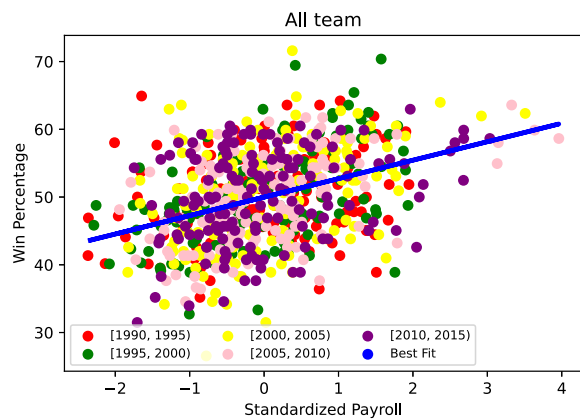
        return in_team

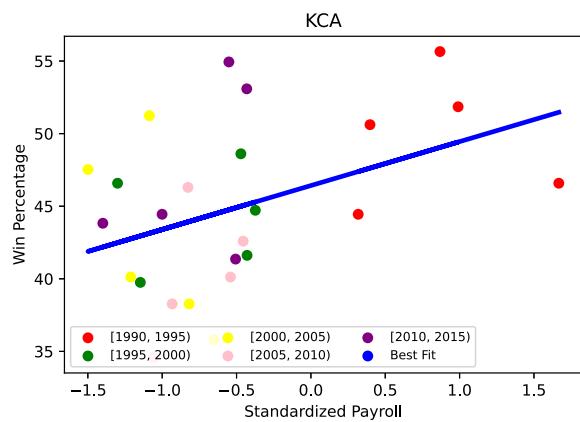
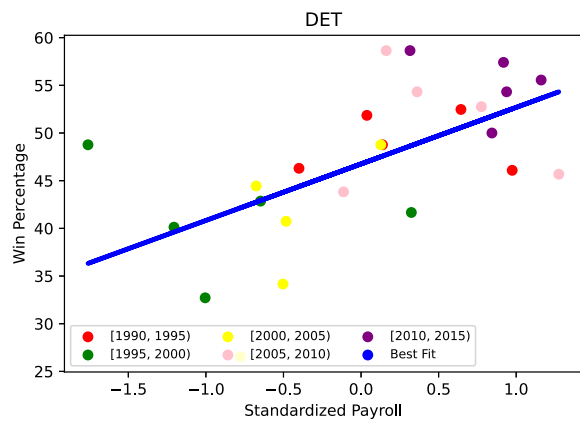
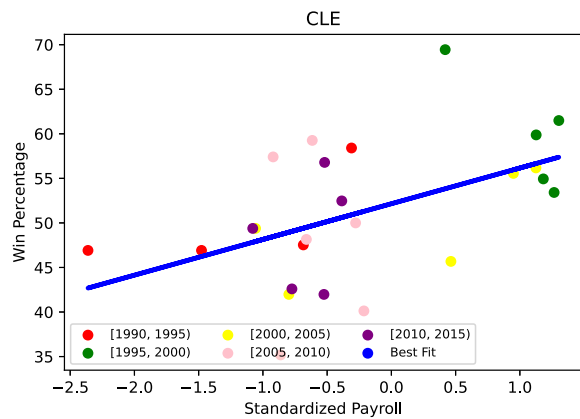
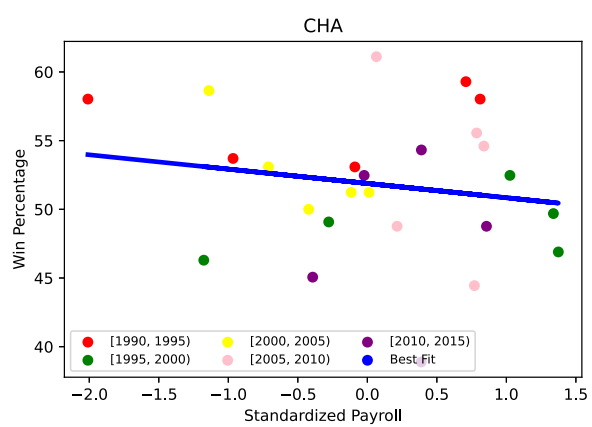
    # plot all the teams
    new_teams_avg = divide(new_teams)
    plot_standard(new_teams_avg, "All team")

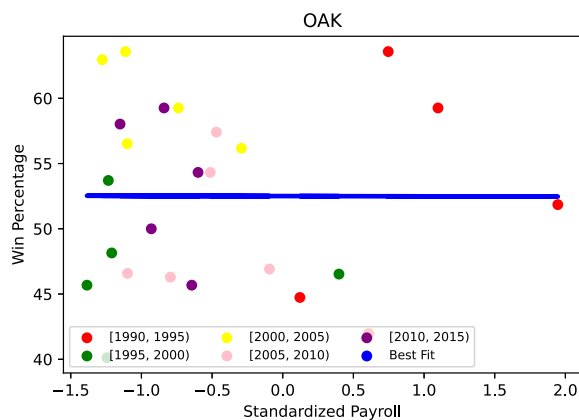
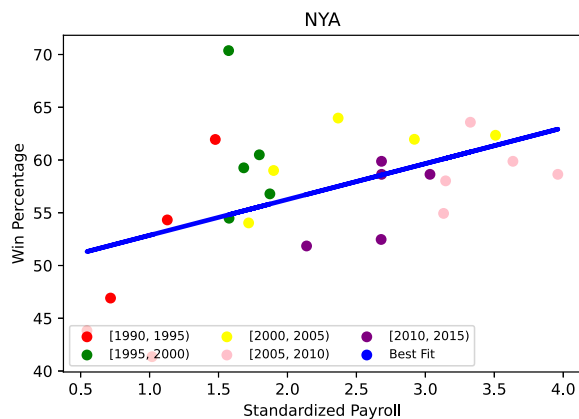
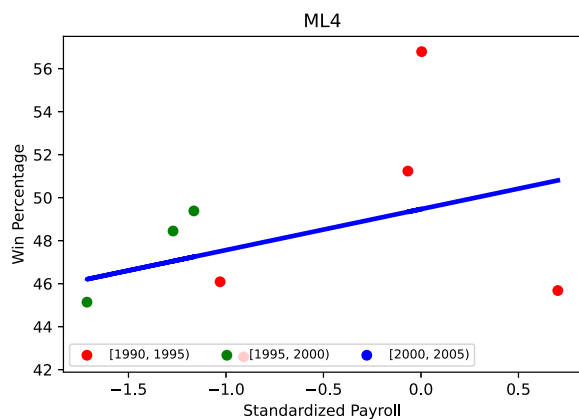
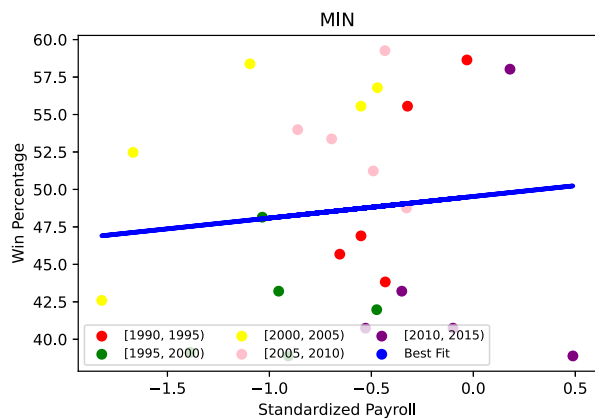
    # plot of individual teams
    for x in unique_teams:

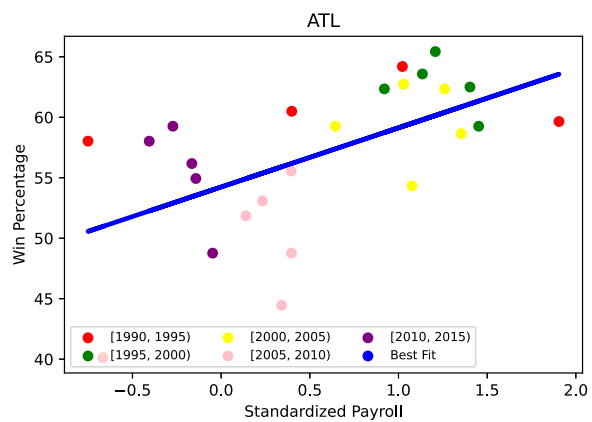
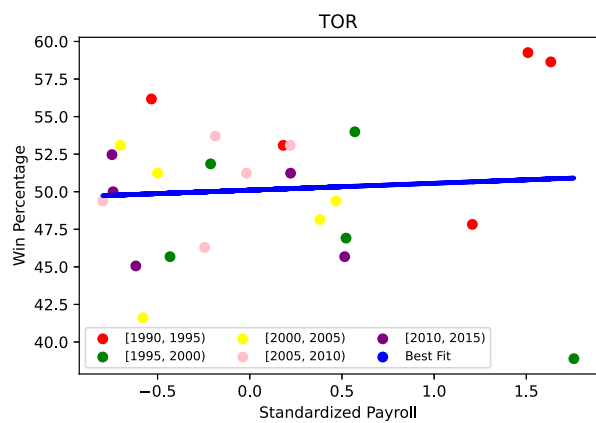
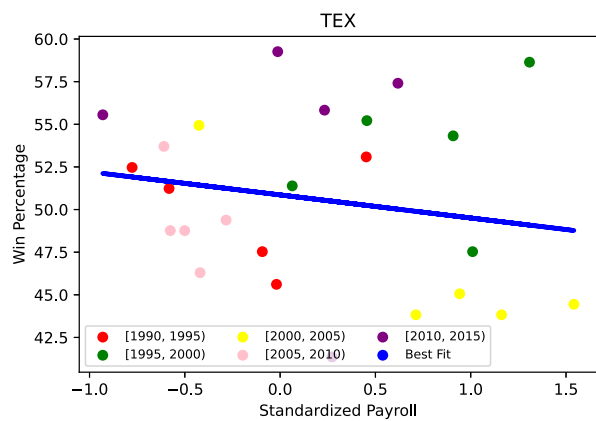
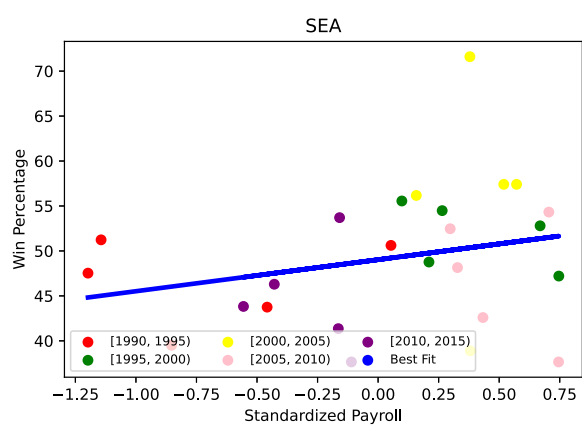
        individual_team_standard = ind(x)
        individual_team_standard = divide(individual_team_standard)
        plot_standard(individual_team_standard, x)

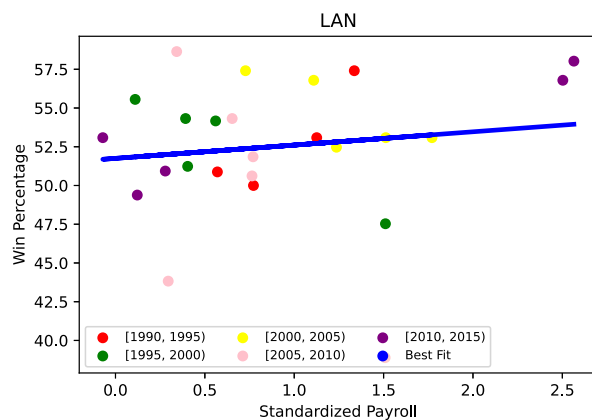
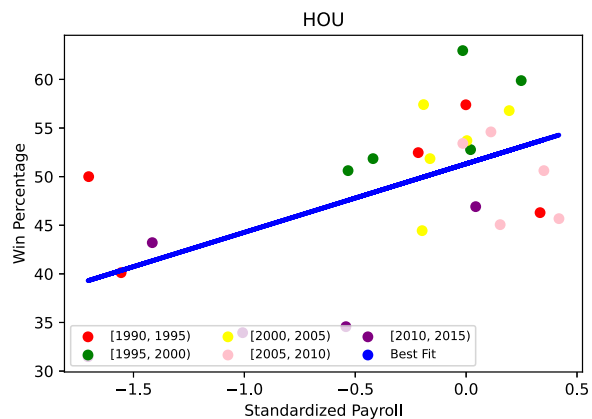
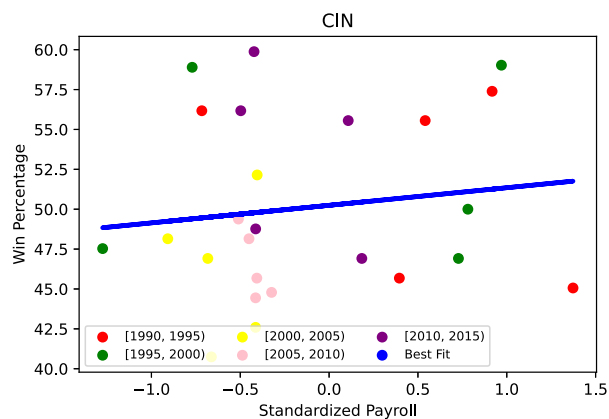
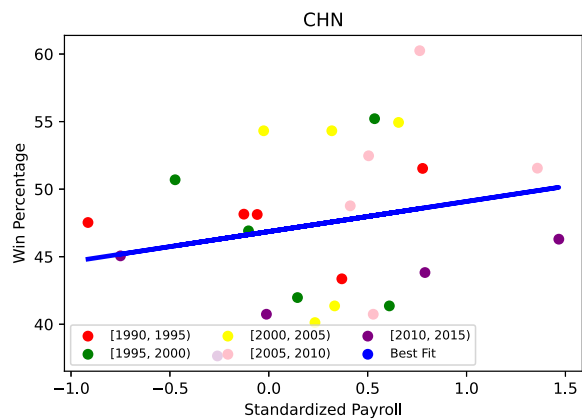
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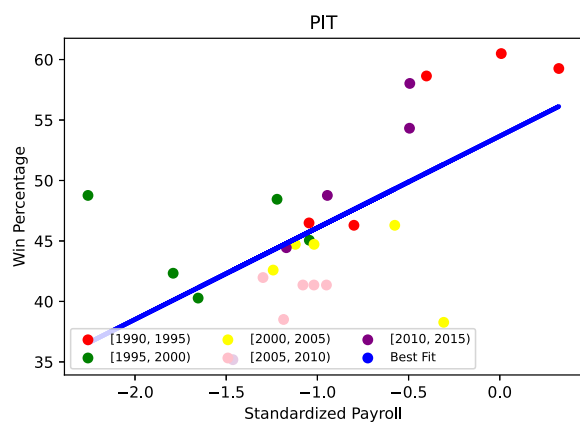
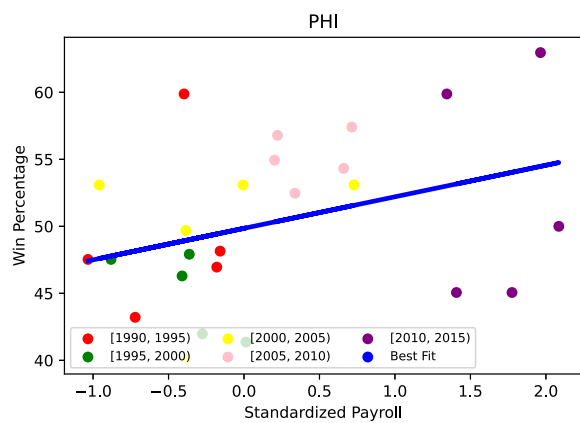
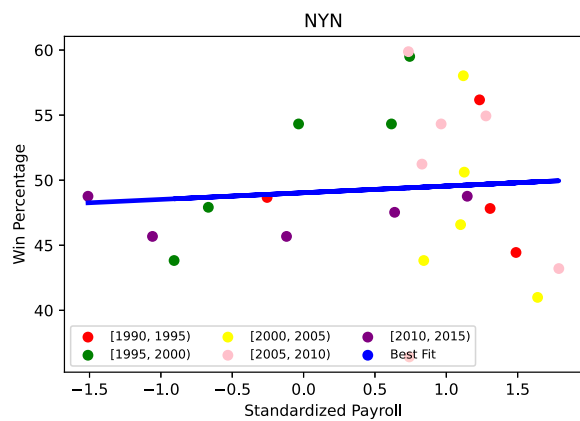
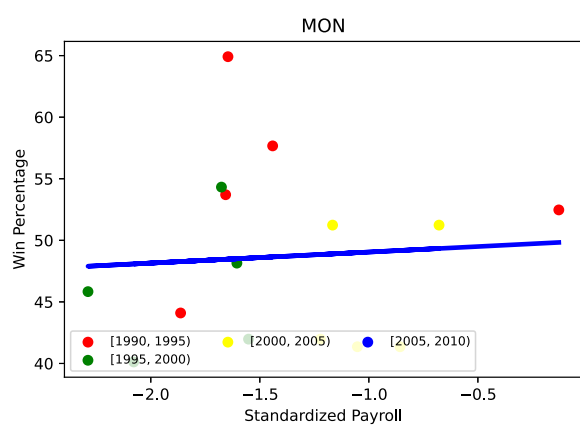


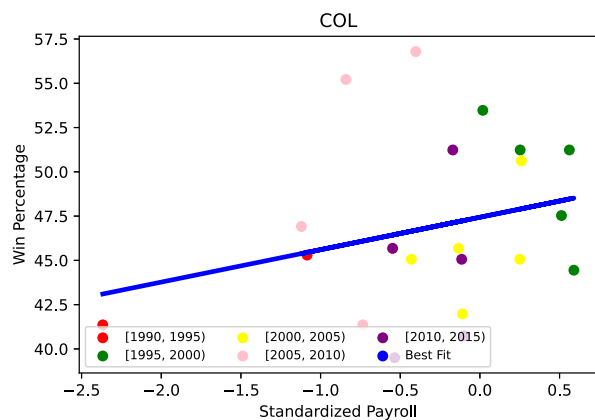
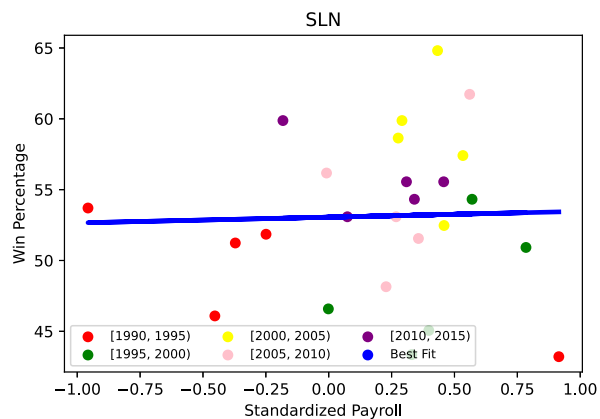
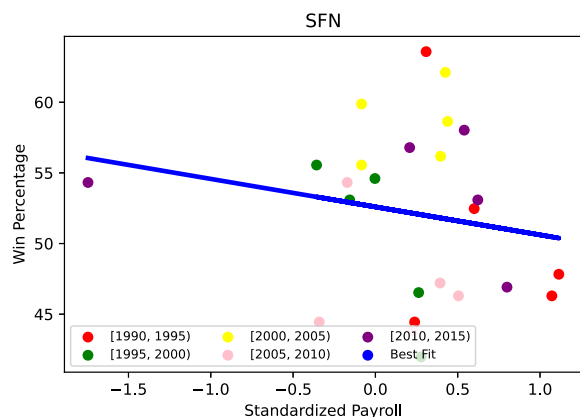
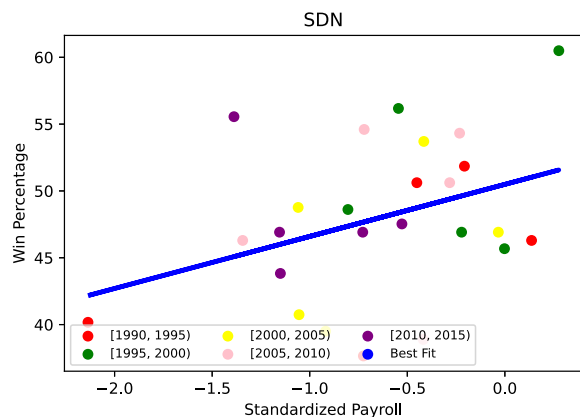


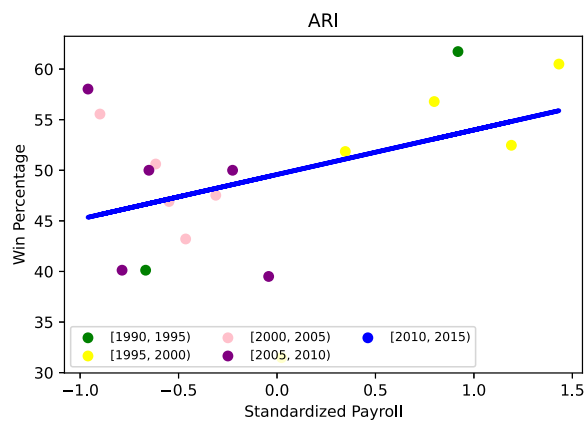
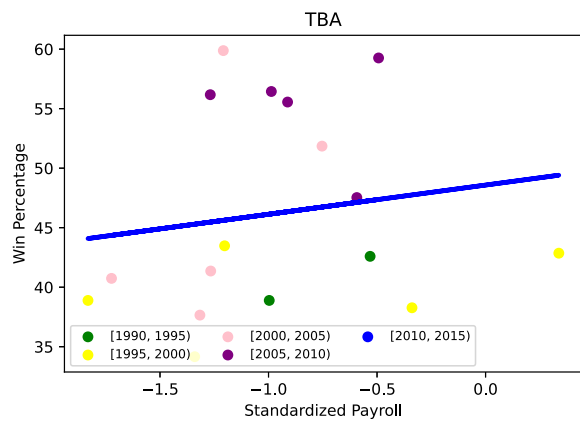
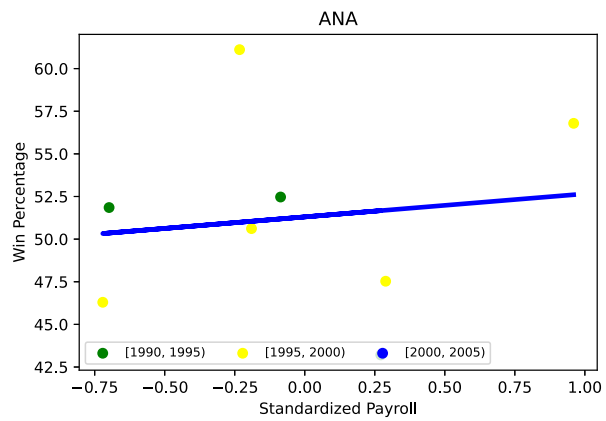
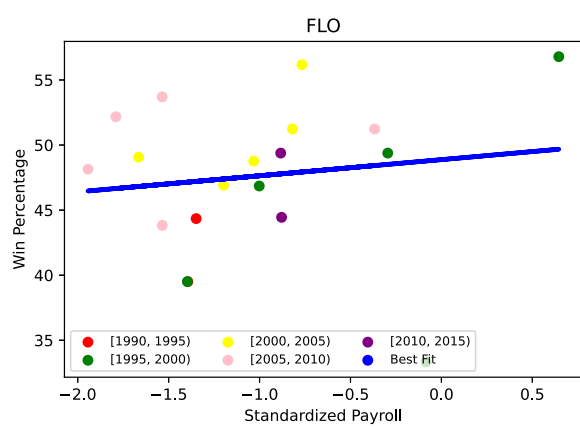


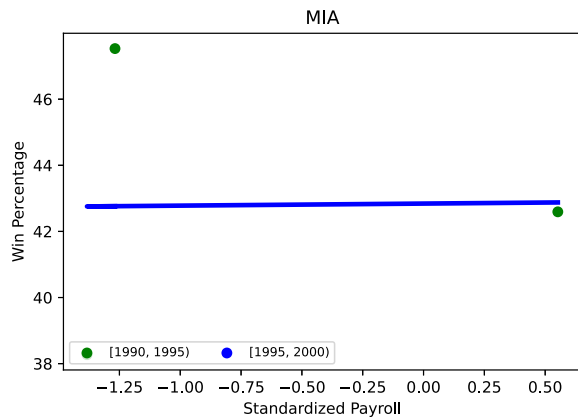
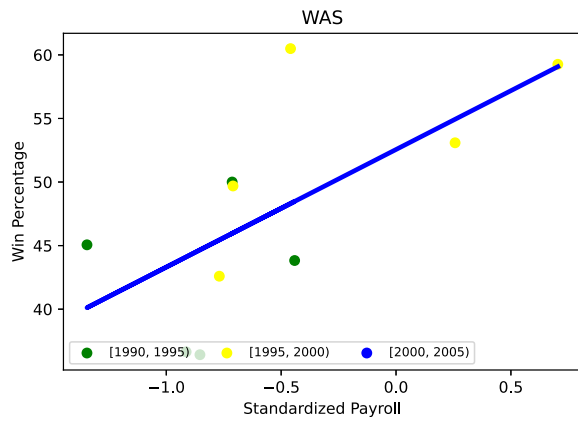
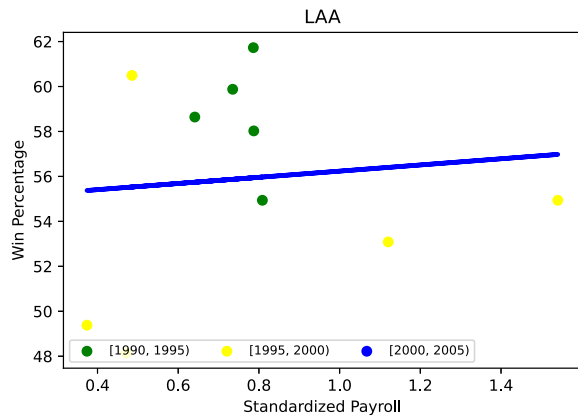
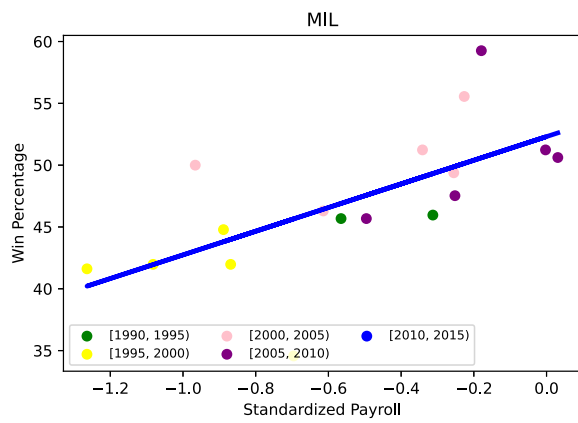












Question 3

The plot of problem 6 is much more understandable than the plot of problem 4 since it represents the central tendency of the graph. With many plots focused on the 0 point and as move away from 0 it shows the step deviations. The scatter points decrease with the distance away from the 0. It also helps with developing an equation of line which best fits the graph.

Problem 7

```

In [11]: scatter = []

scatter.append(plt.scatter(new_teams['standardized_payroll'], new_teams['win_percentage']))

# slope and intercept of best fit line
slope, intercept = np.polyfit(new_teams['standardized_payroll'], new_teams['win_percentage'], deg = 1)

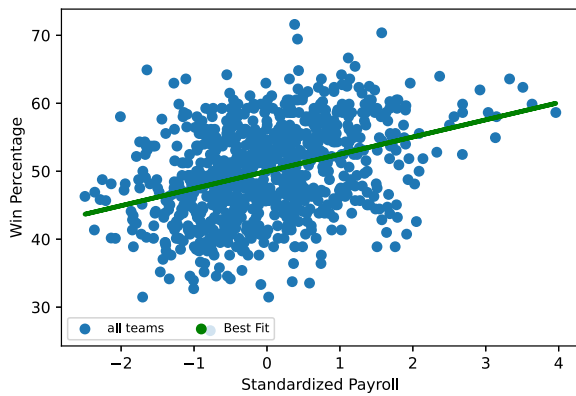
abline_values = [slope * i + intercept for i in new_teams['standardized_payroll']]

# best fit plot
line = plt.plot(new_teams['standardized_payroll'], abline_values, 'g', linewidth=3)

mask = new_teams['win_percentage'] > 100
scatter.append(plt.scatter(new_teams[mask], new_teams[mask], color= "green"))

# Legend and Labeling of the axes
plt.legend(scatter,
          ('all teams','Best Fit'),
          scatterpoints=1,
          loc='lower left',
          ncol=3,
          fontsize=8)
plt.xlabel('Standardized Payroll')
plt.ylabel('Win Percentage')
plt.show()
print("Line equation: y = %fx + %f"%(slope,intercept))

```



Line equation: y = 2.526950x + 49.984052

Problem 8

```
In [12]: team_all = new_teams.copy()
i = 0

# sepearting the data related to teamID OAK
for index, row in team_all.iterrows():

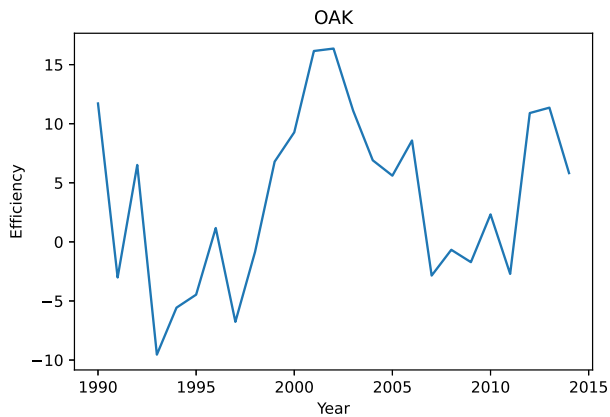
    if(row.teamID == 'OAK' and row.yearID >=1990):
        team_all.at[i] = row
        i+=1

team_all = team_all[:i]

# inserting the efficiency column
team_all.insert(loc=53,column='efficiency', value=0.0)

# calculating the efficiency
for index, row in team_all.iterrows():
    row['efficiency'] = row.win_percentage - (50 + 2.5 * row.standardized_payroll)
    team_all.at[index] = row

# Labeling the axes and title of the plot
plt.plot(team_all['yearID'],team_all['efficiency'])
plt.xlabel("Year")
plt.ylabel("Efficiency")
plt.title("OAK")
plt.show()
```



Question 4

From plots 2 and 3, Oakland didn't pay much to the players however was able to increase its percentage of win. It can be clearly seen that during the Moneyball period from 2000 to 2005, there was peak in their efficiency of around 15% on picking underpaid good players for their team.