

# FIGHTING AGAINST RELEGATION



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The demo-technical approach developed by the CIES Football Observatory allows us to understand the performance of teams by combining the analysis of squad composition and pitch production. This poster presents the data for three technical indicators, as well as for three demographic ones. All these indicators are significantly correlated to points per match achieved by English Premier League clubs for each season since 2008/09. While very succinct, the information presented is particularly useful to assess the risks of relegation faced by current English Premier League teams.

While the predictions elaborated by the CIES Football Observatory at the start of the season on the exclusive basis of demographic data ranked Fulham, Hull City and Cardiff City at the three last positions of the table, the analysis presented here suggests that Crystal Palace will also be involved in the fight against relegation until the end of the season. Despite the high level of Premier League experience of players fielded, the same should hold true also for Fulham and West Ham. However, a more detailed analysis would be necessary to predict future performance in a more precise way.

## NOMINATIONS



Crystal Palace



Cardiff City



Fulham and West Ham United

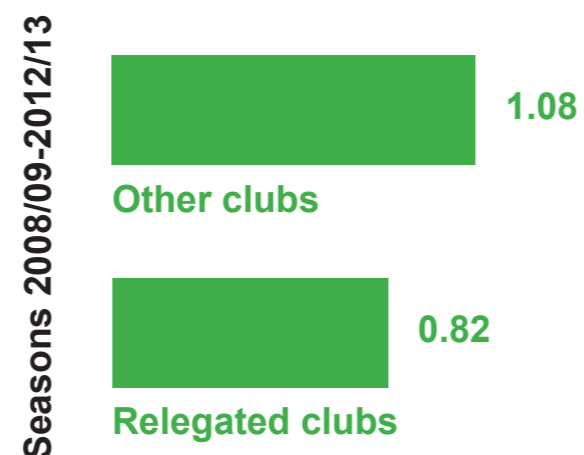


Aston Villa, Hull City, Norwich, Southampton, Stoke City, Sunderland and West Bromwich Albion

## TECHNICAL DATA

[Data provided by Opta]

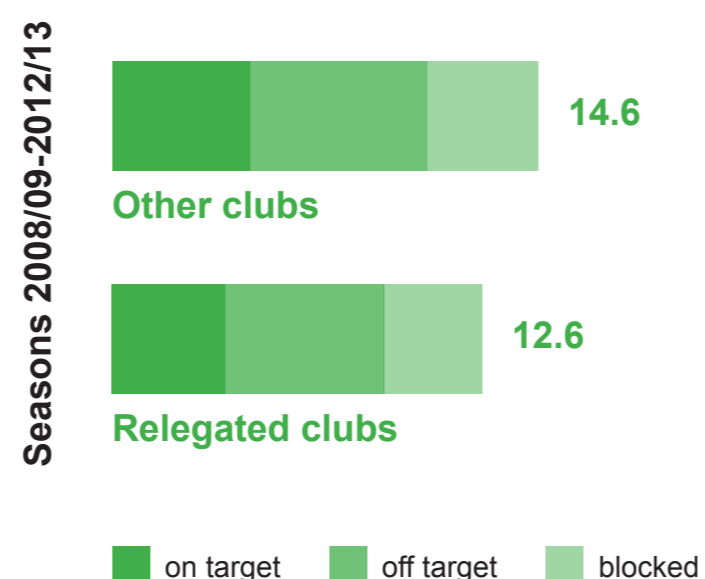
### Grip on the game



[ratio between successful passes opponent half and successful passes opponents own half]

Current situation	Rank	Team	Value
	1.	Manchester City	1.62
	2.	Arsenal	1.58
	3.	Swansea City	1.50
	4.	Tottenham Hotspur	1.47
	5.	Chelsea	1.45
	6.	Everton	1.44
	7.	Southampton	1.40
	8.	Manchester United	1.30
	9.	Liverpool	1.17
	10.	Newcastle United	0.95
	11.	West Bromwich Albion	0.93
	12.	Stoke City	0.78
	13.	Norwich City	0.75
	14.	Fulham	0.74
	15.	Hull City	0.71
	16.	Sunderland	0.69
	17.	Cardiff City	0.66
	18.	West Ham United	0.65
	19.	Aston Villa	0.62
	20.	Crystal Palace	0.57

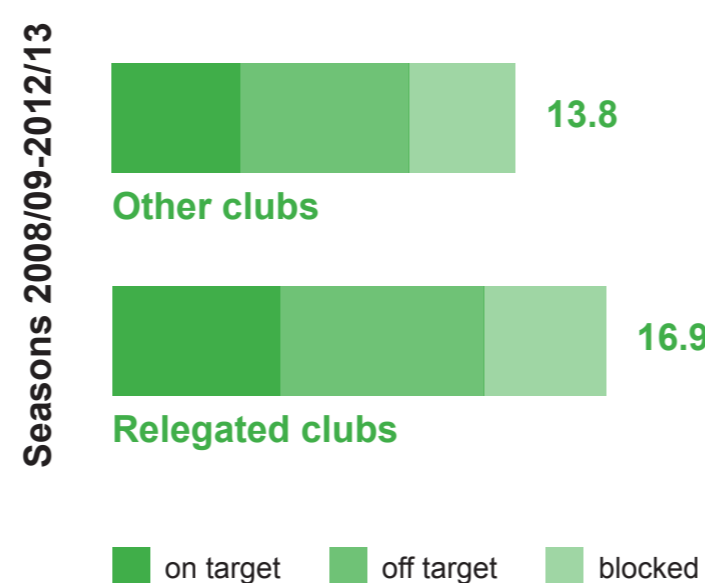
### Shots



[average number of shots per match]

Current situation	Rank	Team	Value
	1.	Manchester City	18.0
	2.	Chelsea	17.1
	3.	Liverpool	16.9
	4.	Tottenham Hotspur	15.9
	5.	Everton	15.7
	6.	Newcastle United	15.4
	7.	Arsenal	14.4
	8.	Manchester United	13.4
	9.	Southampton	13.4
	10.	Swansea City	13.3
	11.	Norwich City	12.7
	12.	Sunderland	12.4
	13.	West Bromwich Albion	12.4
	14.	Aston Villa	12.1
	15.	Hull City	11.5
	16.	West Ham United	11.5
	17.	Fulham	11.4
	18.	Crystal Palace	11.3
	19.	Stoke City	11.2
	20.	Cardiff City	10.5

### Shots conceded

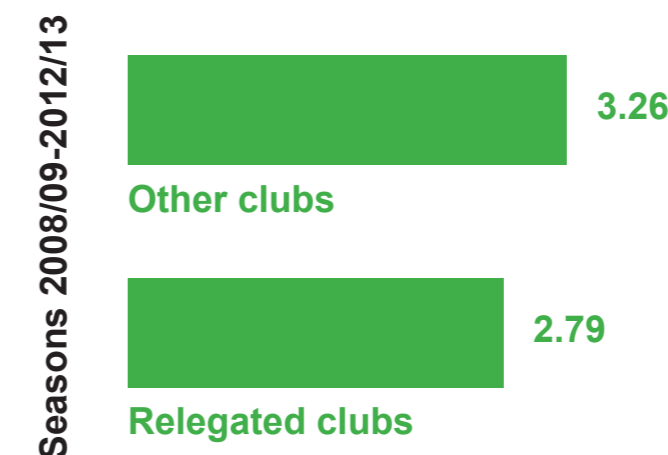


[average number of shots conceded per match]

Current situation	Rank	Team	Value
	1.	Chelsea	9.8
	2.	Southampton	10.0
	3.	Manchester City	10.0
	4.	Tottenham Hotspur	11.4
	5.	Arsenal	11.7
	6.	Manchester United	11.8
	7.	Everton	12.1
	8.	Newcastle United	12.4
	9.	Swansea City	12.6
	10.	West Bromwich Albion	13.0
	11.	Crystal Palace	13.1
	12.	Liverpool	13.2
	13.	Aston Villa	13.6
	14.	Hull City	14.0
	15.	Stoke City	14.9
	16.	Sunderland	16.2
	17.	Norwich City	16.4
	18.	West Ham United	17.9
	19.	Fulham	18.1
	20.	Cardiff City	18.2

## DEMOGRAPHIC DATA

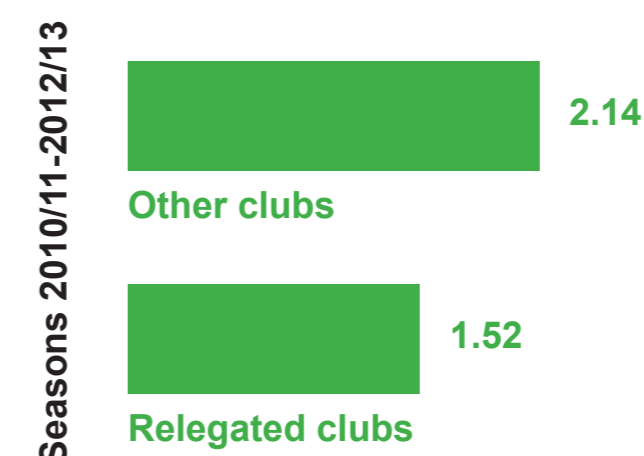
### Average stay



[number of seasons in the first team squad, weighted by the number of minutes played]

Current situation	Rank	Team	Value
	1.	Manchester United	5.69
	2.	Chelsea	5.65
	3.	Liverpool	4.27
	4.	Everton	4.00
	5.	Arsenal	3.75
	6.	Newcastle United	3.73
	7.	West Bromwich Albion	3.44
	8.	Stoke City	3.37
	9.	Aston Villa	3.25
	10.	Manchester City	3.24
	11.	West Ham United	3.13
	12.	Southampton	3.13
	13.	Tottenham Hotspur	2.93
	14.	Swansea City	2.90
	15.	Crystal Palace	2.75
	16.	Cardiff City	2.73
	17.	Fulham	2.48
	18.	Sunderland	2.44
	19.	Norwich City	2.26
	20.	Hull City	1.76

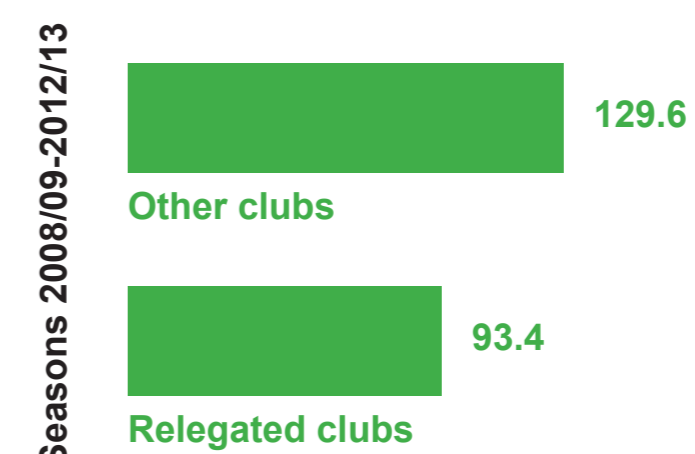
### Average length of contract remaining



[years at the end of the season, weighted by the number of minutes played]

Current situation	Rank	Team	Value
	1.	Tottenham Hotspur	2.82
	2.	Liverpool	2.72
	3.	Newcastle United	2.72
	4.	Arsenal	2.56
	5.	Southampton	2.42
	6.	Manchester City	2.39
	7.	Chelsea	2.11
	8.	Swansea City	2.08
	9.	Aston Villa	2.02
	10.	Norwich City	2.01
	11.	Everton	2.01
	12.	Stoke City	1.82
	13.	Cardiff City	1.71
	14.	Manchester United	1.54
	15.	Hull City	1.48
	16.	West Ham United	1.31
	17.	Sunderland	1.29
	18.	Crystal Palace	1.19
	19.	West Bromwich Albion	1.18
	20.	Fulham	1.02

### Premier League experience



[number of Premier League matches, weighted by the number of minutes played]

Current situation	Rank	Team	Value
	1.	Everton	197.6
	2.	Chelsea	185.4
	3.	Manchester United	183.1
	4.	West Ham United	168.7
	5.	Fulham	152.3
	6.	Liverpool	147.2
	7.	Stoke City	134.4
	8.	West Bromwich Albion	122.7
	9.	Sunderland	114.0
	10.	Manchester City	108.0
	11.	Arsenal	98.6
	12.	Tottenham Hotspur	84.7
	13.	Hull City	74.6
	14.	Newcastle United	72.0
	15.	Norwich City	66.2
	16.	Aston Villa	60.1
	17.	Swansea City	58.5
	18.	Crystal Palace	48.7
	19.	Cardiff City	46.8
	20.	Southampton	44.9