

"A man is
great by
deeds, not by
birth"
-Chanakya

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Case Study

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**Battle of Santiago, Ken Aston MBE, Yellow, Red and
Other Considerations**

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IIMK CASE STUDY

Battle of Santiago, Ken Aston MBE, Yellow, Red and Other Considerations

Deepak Dhayanithy

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"The game you are about to see is the most stupid, appalling, disgusting and disgraceful exhibition of football in the history of the game. This is the first time these countries have met; we hope it will be the last. The national motto of Chile reads, By Reason or By Force. Today, the Chileans weren't prepared to be reasonable, the Italians only used force, and the result was a disaster for the World Cup. If the World Cup is going to survive in its present form something has got to be done about teams that play like this. Indeed, after seeing the film tonight, you at home may well think that teams that play in this manner ought to be expelled immediately from the competition."ⁱ

- David Coleman's introduction to the BBC broadcast of the game. Back then the film had to be transported across the Atlantic before a broadcast in England was possible.

In 1962, a soccer match played between World Cup hosts, Chile and Italy was so full of violent conduct and ill-temper that armed police had to be called in in three separate occasions to control the mayhem on the pitch. Ken Astonⁱⁱ MBE, a WWII veteran and an English school teacher, officiated that game with a Mexican and an American serving as linesmen. In total, 3 players were sent off, each for violent conduct and/ or retaliation. Video footage of this game shows the level of on-field violence in this game.ⁱⁱⁱ

In the 1970 World Cup, the now ubiquitous soccer cautioning system, consisting of yellow cards and red cards, was introduced. Ken Aston had returned from the 'Battle of Santiago' and continued to play a key role in soccer refereeing in an administrative capacity. He is credited with inventing the soccer cautioning system consisting of the yellow card (a caution, two yellow cards lead to a red) and the red card (a sending off). He is supposed to have gotten the idea while waiting at a traffic light. Controversies in 1966 World Cup held in England further hastened the implementation of the system of caution and dismissal (yellow and red) in the very next world cup held in Mexico.

Today, it is very seldom that a game of professional soccer would be discussed without reference to the bookings and sending offs (if any). Referees are criticized for trigger happy with their use of cards and at other times for "allowing the game to get out of hand". Players engage in behaviour aimed at escaping censure as well as aimed at getting opponents booked (yellow) or sent off (red). Diving or 'simulation' is one of the unfortunate behaviours that many players engage in. In turn, soccer rules have been updated to now penalize players who are 'simulating' through a yellow card. Managers make tactical changes that are directed to protect players who are already on a yellow. At a tournament level, rules have been introduced whereby five yellow cards (in different games) will result in the player receiving a 1 game suspension. In fact, there are also instances of players wilfully committing yellow card offences in order to miss an easier upcoming game rather than missing a tougher one later on in the competition. Even the game of cricket is currently considering implementation of a similar system^{iv} to control player on-field behaviour (sledging, arguing, dissent, etc.).

Most contact sports have, over the years, developed their own system to prevent violent on-field conduct that could result in serious injury or have huge impact on the final result of the competition. Basketball has a system of 'personal fouls' and 'team fouls'. In the NBA, for instance, the sixth personal foul leads to a player's ejection. Unlike soccer though, the team can substitute the fouled out player. The concept of 'foul trouble' is key ingredient to the analysis of a game of basketball. Players in foul trouble may play with less

intensity thereby handing over the initiative to the opposing team. Managers respond by substituting players in foul trouble and returning them to the court when fewer minutes remain to be played. Ice-hockey has a 'sin-bin' system whereby the referee can reduce a team to play with one player less for a fixed number of minutes. In a fast paced game such as ice-hockey, this gives significant advantage to the opposition.

Coming back to soccer, exhibit 1 shows the number of yellow and red cards incurred by top European soccer clubs in the 2016-17 season. It can be seen that all teams do receive bookings although the extent of number of cards per season may change from club to club, competition to competition and indeed, from season to season. It is also well known that certain referees are more prone to cautioning players through cards. Top referees are known to be less inclined to show cards to players as this could lead to the competitive balance of the game being upset. These top referees have a preference for the twenty two players on the field to decide the outcome of the match, rather than the man in black with the whistle. These referees can be seen spending a good amount of time talking to players in an animated manner. Referees chosen to officiate in big FIFA and UEFA international as well as inter club competitions are likely to be one of the relatively card-averse ones.

Exhibit 1A: 2016-17 SEASON YELLOW CARDS RECEIVED IN HOME & AWAY GAMES BY TOP EUROPEAN CLUBS (SOURCE: <https://www.whoscored.com/Statistics> accessed 20th May 2017)

SEQ	TEAM	TOURNAMENT	SPG	YELLOWS	REDS	POSSESSION	PASS_SUCCESS	AERIALS_WON	RATING
1	Bayern Munich	Bundesliga	18.3	47	0	64.5	87.3	16.4	7.23
2	Barcelona	La Liga	17.1	73	1	62.1	86.7	9.1	7.19
3	Roma	Serie A	17.8	63	1	55.4	83.2	16.2	7.14
4	Real Madrid	La Liga	17.4	75	2	54.8	86.5	12.8	7.14
5	Monaco	Ligue 1	14.6	51	3	51.4	81.1	15.7	7.14
6	Paris Saint Germain	Ligue 1	15.4	52	3	61.5	88.9	13.6	7.09
7	Chelsea	Premier League	15.3	72	0	54	83.9	14.2	7.05
8	Napoli	Serie A	17.7	58	2	59	87.2	10.9	7.04
9	Tottenham	Premier League	17.6	62	0	57.4	82.5	15	7.04
10	Atletico Madrid	La Liga	13.3	80	3	49	78.9	16.1	7.02
11	Juventus	Serie A	15.3	70	0	55.6	85.5	12.1	7.02
12	Manchester City	Premier League	16.7	71	4	60.9	85.5	15.4	7.01
13	RasenBallsport Leipzig	Bundesliga	13	66	2	51.9	74.8	24.1	7
14	Manchester United	Premier League	15.6	78	2	55	84.2	16.4	6.99
15	Arsenal	Premier League	14.9	68	3	56.5	83.8	16.7	6.99
16	Liverpool	Premier League	16.8	54	0	58.3	82.4	17.3	6.98
17	Borussia Dortmund	Bundesliga	15.6	55	2	58.6	82.5	17.3	6.97
18	Lyon	Ligue 1	15.5	61	5	56.7	84.1	15.8	6.96
19	Hoffenheim	Bundesliga	14.6	63	1	54.7	82.7	15.1	6.95
20	Inter	Serie A	16.7	74	5	54.1	82.2	13.9	6.94
21	Atalanta	Serie A	14.1	85	3	50.5	81.2	11.9	6.93
22	Everton	Premier League	13.2	72	2	51.5	79	17.5	6.91
23	FC Cologne	Bundesliga	10.6	72	1	45.5	74.2	21.8	6.91
24	Nice	Ligue 1	11.5	58	4	57	87.8	11.4	6.91
25	Marseille	Ligue 1	12.2	69	1	54.1	84.2	13.4	6.9
26	Lazio	Serie A	15.6	90	4	50.7	80.8	15	6.9
27	Schalke 04	Bundesliga	13	69	3	51.5	79.2	20.3	6.86
28	Sevilla	La Liga	12.8	104	4	56.4	82.3	13.5	6.84
29	Villarreal	La Liga	11.3	89	4	49.6	80.5	12.4	6.84
30	Borussia M.Gladbach	Bundesliga	12.1	46	2	52.6	81.1	20.2	6.83
31	Bayer Leverkusen	Bundesliga	13.1	50	4	52.8	78.1	19.6	6.82
32	AC Milan	Serie A	14.6	81	12	52.9	82.8	14	6.82
33	Bordeaux	Ligue 1	11.8	65	5	48.8	78.9	14.9	6.81
34	Athletic Club	La Liga	12.8	88	2	50.4	75.9	20.5	6.8
35	Saint-Etienne	Ligue 1	10.6	54	6	49.7	78.7	16.7	6.8
36	Torino	Serie A	15.1	80	4	50.5	81.4	12.1	6.79
37	Werder Bremen	Bundesliga	11.1	67	2	46.2	74.5	20	6.79
38	Sassuolo	Serie A	11.6	90	2	47.5	75.6	13.3	6.78
39	Fiorentina	Serie A	16.2	92	6	55.9	84.8	10.3	6.78
40	Dijon	Ligue 1	11.3	68	6	47.1	77.4	17.4	6.77

41	Montpellier	Ligue 1	13.2	45	5	49.5	79.7	22.6	6.77
42	Guingamp	Ligue 1	11.7	57	4	48.2	78.3	18.8	6.77
43	Rennes	Ligue 1	11.5	57	4	51.3	78.9	18.4	6.77
44	Real Sociedad	La Liga	13	79	6	54.8	81	14.6	6.76
45	West Ham	Premier League	13.1	78	5	48.4	78.2	19.1	6.76
46	Southampton	Premier League	14.5	59	2	53.1	80.5	17.1	6.76
47	Valencia	La Liga	11.8	108	6	49.2	79.7	12.9	6.76
48	Alaves	La Liga	10.4	116	5	46.2	76.4	18	6.76
49	Stoke	Premier League	11.2	70	2	47.2	75.3	21.3	6.76
50	Crystal Palace	Premier League	11.6	77	0	46.8	73.4	21.9	6.76
51	Lille	Ligue 1	12.8	58	6	51	80.8	18.8	6.75
52	Hertha Berlin	Bundesliga	10.2	63	3	48.6	77	19.7	6.75
53	Eibar	La Liga	11.9	93	7	48.1	71.5	18.8	6.75
54	Bournemouth	Premier League	11.9	52	3	51.3	81.3	14.4	6.74
55	Espanyol	La Liga	9	80	2	45.7	75.7	14.4	6.74
56	Middlesbrough	Premier League	9.2	77	1	47.9	77.3	20.3	6.74
57	Toulouse	Ligue 1	10.1	88	4	46.4	71.8	20.3	6.73
58	Wolfsburg	Bundesliga	12.7	65	3	50.8	78.4	19.5	6.73
59	Eintracht Frankfurt	Bundesliga	11.2	84	6	49.9	75.6	19.4	6.73
60	Burnley	Premier League	10.3	65	2	42.7	67.8	24	6.72
61	Augsburg	Bundesliga	10.9	67	3	44	72.2	20.6	6.72
62	Sampdoria	Serie A	13.3	73	5	51.3	80	11.2	6.72
63	Angers	Ligue 1	13.9	58	5	46.9	77.6	22.8	6.71
64	Leicester	Premier League	11.4	72	1	43.7	70.1	20.2	6.71
65	Caen	Ligue 1	12.2	59	2	46.6	75.5	23.1	6.71
66	Malaga	La Liga	12.9	108	7	48.7	76	17.3	6.7
67	Mainz 05	Bundesliga	12.2	67	7	47	70.4	21.9	6.7
68	Udinese	Serie A	11.5	85	2	44.1	78	14.4	6.7
69	Ingolstadt	Bundesliga	13.4	69	6	46.9	66.5	28.9	6.69
70	Deportivo La Coruna	La Liga	12.1	93	4	47.8	77.7	15.8	6.69
71	West Bromwich Albion	Premier League	10.5	80	0	40.7	70.4	17.7	6.69
72	Nantes	Ligue 1	12.1	77	3	48.4	76.1	16.5	6.68
73	Freiburg	Bundesliga	12	56	1	47.4	73.2	23	6.68
74	Swansea	Premier League	10.7	56	0	48.3	78.9	17.8	6.68
75	Real Betis	La Liga	11.6	102	5	48.7	76.3	14.5	6.68
76	Chievo	Serie A	10.7	82	4	47.4	78.5	17.9	6.67
77	Bologna	Serie A	11.1	84	11	47.8	80.2	12.1	6.67
78	Hamburger SV	Bundesliga	10.6	73	5	45.7	66.7	26.2	6.67
79	Celta Vigo	La Liga	10.6	97	8	52.2	79	14.3	6.66
80	Nancy	Ligue 1	9.9	76	5	44.9	72.9	17.5	6.66
81	Metz	Ligue 1	9.4	71	7	45	75.3	17.7	6.66
82	Watford	Premier League	11.1	84	5	47	74.1	19.2	6.65
83	Cagliari	Serie A	11.2	97	8	44.9	75.6	14.6	6.64
84	Las Palmas	La Liga	11.6	99	6	56.9	84.8	10	6.63
85	Lorient	Ligue 1	11.3	68	5	50.4	81.2	12.1	6.63
86	Sunderland	Premier League	10.2	78	4	42.8	72.6	16.2	6.62
87	Leganes	La Liga	10.7	105	3	45.9	71.3	18.9	6.62
88	SC Bastia	Ligue 1	10.2	69	14	45.2	73.5	16.4	6.62
89	Empoli	Serie A	9.6	106	2	49.2	79.4	13.3	6.62
90	Genoa	Serie A	11.8	90	8	48.6	78.8	13.2	6.6

91	Hull	Premier League	10.4	67	5	46.7	77.4	15.5	6.6
92	Crotone	Serie A	10.7	87	4	40.4	67.2	14.2	6.59
93	Sporting Gijon	La Liga	9.9	114	4	45.6	72.6	15.2	6.58
94	Darmstadt	Bundesliga	10	67	5	41.2	68.3	21.9	6.57
95	Palermo	Serie A	10.2	94	9	46.9	77.9	13.9	6.54
96	Osasuna	La Liga	10.3	98	3	41.8	69.2	17.1	6.51
97	Granada	La Liga	10.1	109	6	46.1	76.6	12.9	6.5
98	Pescara	Serie A	11.7	91	5	47.2	79.1	9.8	6.5

**Exhibit 1B: 2016-17 SEASON YELLOW CARDS RECEIVED IN HOME GAMES
BY TOP EUROPEAN CLUBS (SOURCE: <https://www.whoscored.com/Statistics>
accessed 20th May 2017)**

SEQ	TEAM	TOURNAMENT	SPG	YELLOWS	REDS	POSSESSION	PASS_SUCCESS	AERIALS_WON	RATING
1	Bayern Munich	Bundesliga	18.3	47	0	64.5	87.3	16.4	7.23
2	Barcelona	La Liga	17.1	73	1	62.1	86.7	9.1	7.19
3	Roma	Serie A	17.8	63	1	55.4	83.2	16.2	7.14
4	Real Madrid	La Liga	17.4	75	2	54.8	86.5	12.8	7.14
5	Monaco	Ligue 1	14.6	51	3	51.4	81.1	15.7	7.14
6	Paris Saint Germain	Ligue 1	15.4	52	3	61.5	88.9	13.6	7.09
7	Chelsea	Premier League	15.3	72	0	54	83.9	14.2	7.05
8	Napoli	Serie A	17.7	58	2	59	87.2	10.9	7.04
9	Tottenham	Premier League	17.6	62	0	57.4	82.5	15	7.04
10	Atletico Madrid	La Liga	13.3	80	3	49	78.9	16.1	7.02
11	Juventus	Serie A	15.3	70	0	55.6	85.5	12.1	7.02
12	Manchester City	Premier League	16.7	71	4	60.9	85.5	15.4	7.01
13	RasenBallsport Leipzig	Bundesliga	13	66	2	51.9	74.8	24.1	7
14	Manchester United	Premier League	15.6	78	2	55	84.2	16.4	6.99
15	Arsenal	Premier League	14.9	68	3	56.5	83.8	16.7	6.99
16	Liverpool	Premier League	16.8	54	0	58.3	82.4	17.3	6.98
17	Borussia Dortmund	Bundesliga	15.6	55	2	58.6	82.5	17.3	6.97
18	Lyon	Ligue 1	15.5	61	5	56.7	84.1	15.8	6.96
19	Hoffenheim	Bundesliga	14.6	63	1	54.7	82.7	15.1	6.95
20	Inter	Serie A	16.7	74	5	54.1	82.2	13.9	6.94
21	Atalanta	Serie A	14.1	85	3	50.5	81.2	11.9	6.93
22	Everton	Premier League	13.2	72	2	51.5	79	17.5	6.91
23	FC Cologne	Bundesliga	10.6	72	1	45.5	74.2	21.8	6.91
24	Nice	Ligue 1	11.5	58	4	57	87.8	11.4	6.91
25	Marseille	Ligue 1	12.2	69	1	54.1	84.2	13.4	6.9
26	Lazio	Serie A	15.6	90	4	50.7	80.8	15	6.9
27	Schalke 04	Bundesliga	13	69	3	51.5	79.2	20.3	6.86
28	Sevilla	La Liga	12.8	104	4	56.4	82.3	13.5	6.84
29	Villarreal	La Liga	11.3	89	4	49.6	80.5	12.4	6.84
30	Borussia M.Gladbach	Bundesliga	12.1	46	2	52.6	81.1	20.2	6.83
31	Bayer Leverkusen	Bundesliga	13.1	50	4	52.8	78.1	19.6	6.82
32	AC Milan	Serie A	14.6	81	12	52.9	82.8	14	6.82
33	Bordeaux	Ligue 1	11.8	65	5	48.8	78.9	14.9	6.81
34	Athletic Club	La Liga	12.8	88	2	50.4	75.9	20.5	6.8
35	Saint-Etienne	Ligue 1	10.6	54	6	49.7	78.7	16.7	6.8
36	Torino	Serie A	15.1	80	4	50.5	81.4	12.1	6.79
37	Werder Bremen	Bundesliga	11.1	67	2	46.2	74.5	20	6.79
38	Sassuolo	Serie A	11.6	90	2	47.5	75.6	13.3	6.78
39	Fiorentina	Serie A	16.2	92	6	55.9	84.8	10.3	6.78
40	Dijon	Ligue 1	11.3	68	6	47.1	77.4	17.4	6.77

41	Montpellier	Ligue 1	13.2	45	5	49.5	79.7	22.6	6.77
42	Guingamp	Ligue 1	11.7	57	4	48.2	78.3	18.8	6.77
43	Rennes	Ligue 1	11.5	57	4	51.3	78.9	18.4	6.77
44	Real Sociedad	La Liga	13	79	6	54.8	81	14.6	6.76
45	West Ham	Premier League	13.1	78	5	48.4	78.2	19.1	6.76
46	Southampton	Premier League	14.5	59	2	53.1	80.5	17.1	6.76
47	Valencia	La Liga	11.8	108	6	49.2	79.7	12.9	6.76
48	Alaves	La Liga	10.4	116	5	46.2	76.4	18	6.76
49	Stoke	Premier League	11.2	70	2	47.2	75.3	21.3	6.76
50	Crystal Palace	Premier League	11.6	77	0	46.8	73.4	21.9	6.76
51	Lille	Ligue 1	12.8	58	6	51	80.8	18.8	6.75
52	Hertha Berlin	Bundesliga	10.2	63	3	48.6	77	19.7	6.75
53	Eibar	La Liga	11.9	93	7	48.1	71.5	18.8	6.75
54	Bournemouth	Premier League	11.9	52	3	51.3	81.3	14.4	6.74
55	Espanyol	La Liga	9	80	2	45.7	75.7	14.4	6.74
56	Middlesbrough	Premier League	9.2	77	1	47.9	77.3	20.3	6.74
57	Toulouse	Ligue 1	10.1	88	4	46.4	71.8	20.3	6.73
58	Wolfsburg	Bundesliga	12.7	65	3	50.8	78.4	19.5	6.73
59	Eintracht Frankfurt	Bundesliga	11.2	84	6	49.9	75.6	19.4	6.73
60	Burnley	Premier League	10.3	65	2	42.7	67.8	24	6.72
61	Augsburg	Bundesliga	10.9	67	3	44	72.2	20.6	6.72
62	Sampdoria	Serie A	13.3	73	5	51.3	80	11.2	6.72
63	Angers	Ligue 1	13.9	58	5	46.9	77.6	22.8	6.71
64	Leicester	Premier League	11.4	72	1	43.7	70.1	20.2	6.71
65	Caen	Ligue 1	12.2	59	2	46.6	75.5	23.1	6.71
66	Malaga	La Liga	12.9	108	7	48.7	76	17.3	6.7
67	Mainz 05	Bundesliga	12.2	67	7	47	70.4	21.9	6.7
68	Udinese	Serie A	11.5	85	2	44.1	78	14.4	6.7
69	Ingolstadt	Bundesliga	13.4	69	6	46.9	66.5	28.9	6.69
70	Deportivo La Coruna	La Liga	12.1	93	4	47.8	77.7	15.8	6.69
71	West Bromwich Albion	Premier League	10.5	80	0	40.7	70.4	17.7	6.69
72	Nantes	Ligue 1	12.1	77	3	48.4	76.1	16.5	6.68
73	Freiburg	Bundesliga	12	56	1	47.4	73.2	23	6.68
74	Swansea	Premier League	10.7	56	0	48.3	78.9	17.8	6.68
75	Real Betis	La Liga	11.6	102	5	48.7	76.3	14.5	6.68
76	Chievo	Serie A	10.7	82	4	47.4	78.5	17.9	6.67
77	Bologna	Serie A	11.1	84	11	47.8	80.2	12.1	6.67
78	Hamburger SV	Bundesliga	10.6	73	5	45.7	66.7	26.2	6.67
79	Celta Vigo	La Liga	10.6	97	8	52.2	79	14.3	6.66
80	Nancy	Ligue 1	9.9	76	5	44.9	72.9	17.5	6.66
81	Metz	Ligue 1	9.4	71	7	45	75.3	17.7	6.66
82	Watford	Premier League	11.1	84	5	47	74.1	19.2	6.65
83	Cagliari	Serie A	11.2	97	8	44.9	75.6	14.6	6.64
84	Las Palmas	La Liga	11.6	99	6	56.9	84.8	10	6.63
85	Lorient	Ligue 1	11.3	68	5	50.4	81.2	12.1	6.63
86	Sunderland	Premier League	10.2	78	4	42.8	72.6	16.2	6.62
87	Leganes	La Liga	10.7	105	3	45.9	71.3	18.9	6.62
88	SC Bastia	Ligue 1	10.2	69	14	45.2	73.5	16.4	6.62
89	Empoli	Serie A	9.6	106	2	49.2	79.4	13.3	6.62
90	Genoa	Serie A	11.8	90	8	48.6	78.8	13.2	6.6

91	Hull	Premier League	10.4	67	5	46.7	77.4	15.5	6.6
92	Crotone	Serie A	10.7	87	4	40.4	67.2	14.2	6.59
93	Sporting Gijon	La Liga	9.9	114	4	45.6	72.6	15.2	6.58
94	Darmstadt	Bundesliga	10	67	5	41.2	68.3	21.9	6.57
95	Palermo	Serie A	10.2	94	9	46.9	77.9	13.9	6.54
96	Osasuna	La Liga	10.3	98	3	41.8	69.2	17.1	6.51
97	Granada	La Liga	10.1	109	6	46.1	76.6	12.9	6.5
98	Pescara	Serie A	11.7	91	5	47.2	79.1	9.8	6.5

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