

Home	Away	League	Cards Code Prediction	Cards Code %	Market Line	Market %	O/U Suggestion	Difference Cards Code / Market	Actual Cards Home	Actual Cards Away	Total Cards	Total Split (%)	W/L (O/U)	Most Cards	Cards Hcap Total	Hcap Res	Difference Cards Line / Actual	Context	Correction to Model
Arsenal	Real Madrid	Champions League	30.5	50.7	38	47.5	U	7.5	10	30	40	0.25	L	W	0	L	9.5		1.31147541
Bayern München	Inter	Champions League	35.4	35.1	37	46.5	U	1.6	10	40	50	0.2	L	W	0	W	14.6		1.412429379
Blackburn Rovers	Sheffield Wednesday	Championship	35.3	45.1	40	49	U	4.7	30	40	70	0.4285714286	L	W	0	W	34.7		1.983002833
Bristol City	West Brom	Championship	35.4	47.7	39	44	U	3.6	20	30	50	0.4	L	W	0	L	14.6		1.412429379
Derby	Burnley FC	Championship	35.7	49.7	35	55	0	-0.7	20	0	20	1	L	W	0	L	-15.7		0.5602240896
Norwich	Sunderland	Championship	42.4	46.4	43	45	U	0.6	20	40	60	0.3333333333	L	W	0	L	17.6		1.41509434
Preston North End	Cardiff City	Championship	29.8	53	34	55	U	4.2	0	20	20	0	W	L	0	W	-9.8		0.6711409396
Sheffield United	Millwall	Championship	36.5	44.1	39	44	U	2.5	0	10	10	0	W	W	0	L	-26.5		0.2739726027
Stoke City	Luton Town	Championship	36.4	47.2	41	49	U	4.6	20	20	40	0.5	W	L	0	L	3.6		1.098901099
Watford	Hull City	Championship	42	48.1	39	48	0	-3	30	0	30	1	L	L	0	W	-12		0.7142857143
Middlesbrough	Leeds United	Championship	31.7	44.8	38	52	U	6.3	10	10	20	0.5	W	L	0	L	-11.7		0.6309148265
Paris Saint-Germain	Aston Villa	Champions League	32.6	29.7	38.5	43.5	U	5.9	0	10	10	0	W	W	0	W	-22.6		0.3067484663
Barcelona	Borussia Dortmund	Champions League	32.3	38	38.5	40.5	U	6.2	0	20	20	0	W	W	-10	W	-12.3		0.6191950464
Oxford United	QPR	Championship	41.8	35	44	37	U	2.2	20	30	50	0.4	L	W	-10	L	8.2		1.196172249
Swansea	Plymouth	Championship	35	32.7	40	37	U	5	0	20	20	0	W	W	-10	W	-15		0.5714285714
Coventry	Portsmouth	Championship	43.1	37.3	43.5	34.5	U	0.4	10	30	40	0.25	W	W	-10	L	-3.1		0.9280742459
FK Bodø/Glimt	Lazio	Europa League	54.5	48.9	48.5	45	0	-6	0	30	30	0	L	W	0	L	-24.5		0.5504587156
Legia Warsaw	Chelsea	Conference League	55.2	47.4	44.5	57	0	-10.7	0	0	0	#DIV/0!	L	L	0	L	-55.2		0
Tottenham Hotspur	Eintracht Frankfurt	Europa League	38.1	42.9	43	44	U	4.9	10	20	30	0.3333333333	W	W	0	W	-8.1		0.7874015748
Rangers	Athletic Club	Europa League	50.6	49.9	50	51	0	-0.6	20	30	50	0.4	W	L	0	W	-0.6		0.9881422925
Olympique Lyonnais	Manchester United	Europa League	34.8	36.2	40	48	U	5.2	10	40	50	0.2	L	W	0	W	15.2		1.436781609
Real Betis	Jagiellonia Białystok	Conference League	45.1	44.3	42	38	0	-3.1	10	20	30	0.3333333333	L	W	-10	L	-15.1		0.6651884701
NK Celje	Florentina	Conference League	62.1	41.6	55	56.5	0	-7.1	10	50	60	0.1666666667	W	L	0	W	-2.1		0.9661835749
Djurgårdens IF	Rapid Vienna	Conference League	59.1	33.1	50	49	0	-9.1	10	30	40	0.25	L	W	0	W	-19.1		0.6768189509
VfL Wolfsburg	RB Leipzig	Bundesliga	50.9	46.4	55	52	U	4.1	20	30	50	0.4	W	L	0	W	-0.9		0.9823182711
RC Lens	Stade de Reims	Ligue 1	41.2	48.1	50	50	U	8.8	10	0	10	1	W	L	0	L	-31.2		0.2427184466
Udinese Calcio	AC Milan	Serie A	38.1	50.4	44	52	U	5.9	10	20	30	0.5	W	L	0	L	-18.1		0.5249343832
Valencia CF	Sevilla FC	La Liga	50	42.6	59	42	U	9	30	20	50	0.6	W	L	-10	W	0		1
Burnley	Norwich	Championship	47.6	47.3	44	47.5	0	-3.6	20	20	40	0.5	L	L	0	L	-7.6		0.8403361345
Manchester City	Crystal Palace	Premier League	40.7	44.6	38.5	40	0	-2.2	20	30	50	0.4	W	W	-10	L	9.3		1.228501229
Leeds United	Preston North End	Championship	30.8	35.9	36	28	U	5.2	20	10	30	0.6666666667	W	L	-20	W	-0.8		0.974025974
Celtic	Kilmarnock	Premiership	36.6	26.2	37	25	U	0.4	0	0	0	#DIV/0!	W	L	-20	W	-36.6		0
Plymouth	Sheffield United	Championship	34.6	45.6	40	52	U	5.4	10	10	20	0.5	W	L	0	L	-14.6		0.5780346821
Real Sociedad	RCD Mallorca	La Liga	46.7	46.8	50	44	U	3.3	30	10	40	0.75	W	L	0	W	-6.7		0.8565310493
Venezia FC	AC Monza	Serie A	36.6	40.2	44	44	U	11.4	60	30	90	0.6666666667	L	L	0	L	53.4		2.459016393
Bor. Mönchengladbach	SC Freiburg	Bundesliga	36.8	52.8	39.5	49	U	2.7	0	10	10	0	W	W	0	L	-26.8		0.2717391304
VfL Bochum	FC Augsburg	Bundesliga	44.7	43.4	44	45	0	-0.7	20	30	50	0.4	W	W	0	W	5.3		1.118568233
1899 Hoffenheim	1. FSV Mainz 05	Bundesliga	40.6	50.7	46	50.5	U	5.4	40	30	70	0.5714285714	L	W	0	W	29.4		1.724137931
Bayer Leverkusen	1. FC Union Berlin	Bundesliga	33.9	43.1	39	43.5	U	5.1	20	10	30	0.6666666667	W	L	0	L	-3.9		0.8849557522
Holstein Kiel	FC St. Pauli	Bundesliga	38.4	50.7	46	55	U	7.6	30	40	70	0.4285714286	L	L	0	W	31.6		1.822916667
Brighton & Hove Albion	Leicester City	Premier League	38.5	43.3	35.5	38	0	-3	20	50	70	0.2857142857	W	W	-10	L	31.5		1.818181818
Nottingham Forest	Everton FC	Premier League	41.3	35.8	44	46	U	2.7	0	30	30	0	W	W	0	W	-11.3		0.7263922518
Southampton FC	Aston Villa	Premier League	32.5	51.5	38.5	58	U	6	30	10	40	0.75	L	W	10	L	7.5		1.230769231
Cardiff	Stoke City	Championship	42.3	44.8	54	42	U	11.7	10	30	40	0.25	W	W	-10	L	-2.3		0.9456264775
Luton Town	Blackburn	Championship	30.1	40.6	37	45	U	6.9	10	60	70	0.1428571429	W	W	0	W	39.9		2.325581395
Millwall	Middlesbrough	Championship	38.8	49.5	44	50	U	5.2	10	0	10	1	W	L	0	L	-28.8		0.2577319588
Portsmouth	Derby	Championship	36.5	44.2	41	49	U	4.5	50	40	90	0.5555555556	L	L	0	L	53.5		2.465753425
QPR	Bristol City	Championship	42.7	44.2	45	51	U	2.3	20	10	30	0.6666666667	W	W	0	L	-12.7		0.7025761124
Sheffield Wednesday	Oxford	Championship	34	46.8	39	47	U	5	10	20	30	0.3333333333	W	W	0	W	-4		0.8823529412
Sunderland	Swansea	Championship	37.1	45	45	47	U	7.9	20	30	50	0.4	L	W	0	W	12.9		1.347708895
West Bromwich Albion	Watford	Championship	41.2	49.2	44	49	U	2.8	40	20	60	0.6666666667	L	L	0	W	18.8		1.45631068
Dundee United	St Johnstone	Premiership	46.9	48	47	49	U	0.1	10	20	30	0.3333333333	W	W	0	W	-16.9		0.6396588486
Motherwell	Hearts	Premiership	36.5	39.5	49	51	U	12.5	0	30	30	0	W	L	0	W	-6.5		0.8219178082
St Mirren	Ross County	Premiership	32.5	39.4	35	42	U	2.5	10	20	30	0.5	W	L	-10	L	-12.5		0.6153846154
Getafe CF	UD Las Palmas	La Liga	48.4	41.2	51	42	U	2.6	20	20	40	0.5	W	L	-10	L	-8.4		0.826446281
AS Monaco	Olympique Marseille	Ligue 1	41.6	46	47	43	U	5.4	20	10	30	0.6666666667	W	L	0	W	-11.6		0.7211538462
Inter	Cagliari Calcio	Serie A	27.2	45.4	34	35	U	6.8	0	10	10	0	W	W	-10	L	-17.2		0.3676470588
Arsenal FC	Brentford FC	Premier League	37.8	55.3	36.5	45.5	0	-1.3	10	30	40	0.25	W	W	0	L	2.2		1.058201058
Bayern München	Borussia Dortmund	Bundesliga	45.4	41.4	44	40	0	-1.4	0	0	0	#DIV/0!	L	L	-10	W	-45.4		0
RC Celta	Espanyol Barcelona	La Liga	47.4	43.1	51	43	U	3.6	20	20	40	0.5	W	L	0	L	-7.4		0.8438818565
Toulouse FC	Lille OSC	Ligue 1	49.4	44.2	48	50	0	-1.4	10	20	30	0.3333333333	W	L	0	W	-19.4		0.6072874494
Juventus	US Lecce	Serie A	29.9	46.6	34	37	U	4.1	0	10	10	0	W	W	-10	L	-19.9		0.334481605
CD Leganés	FC Barcelona	La Liga	45	52.3	43	58	0	-2	20	10	30	0.6666666667	L	W	10	L	-15		0.6666666667
RC Strasbourg	OGC Nice	Ligue 1	52.9	49.6	48	50	0	-4.9	10	20	30	0.3333333333	L	L	0	W	-22.9		0.5671077505

Atalanta	Bologna FC	Serie A	36.7	50	45	48	U	8.3	40	10	50	0.8	L		L	0	W	13.3	1.36239782
Aberdeen	Rangers	Premiership	37.6	44.2	49	53	U	11.4	10	40	50	0.2	L		L	0	W	12.4	1.329787234
CA Osasuna	Girona FC	La Liga	42	45.8	44	49	U	2	20	10	30	0.666666667	W		L	0	L	-12	0.7142857143
Chelsea FC	Ipswich Town	Premier League	43.9	47.2	45	42	U	1.1	20	20	40	0.5	W		L	-10	W	-3.9	0.9111617312
Liverpool FC	West Ham United	Premier League	32.9	42.3	38	40	U	5.1	0	20	20	0	W		W	-10	L	-12.9	0.6079027356
Wolverhampton	Tottenham Hotspur	Premier League	39.1	50.7	41	50	U	1.9	10	20	30	0.333333333	W		W	0	L	-9.1	0.7672634271
Hibernian	Dundee FC	Premiership	44.8	43.9	47	37	U	2.2	10	10	20	0.5	W		L	-10	W	-24.8	0.4464285714
AS Saint-Étienne	Stade Brestois 29	Ligue 1	34.4	54.1	38	58	U	3.6	20	40	60	0.333333333	L		L	10	W	25.6	1.744186047
ACF Fiorentina	Parma Calcio 1913	Serie A	38.9	40.4	45	42	U	6.1	0	50	50	0	L		W	-10	W	11.1	1.285347044
Hellas Verona	Genoa CFC	Serie A	42	56.2	47	56	U	5	30	10	40	0.75	W		W	0	W	-2	0.9523809524
VfB Stuttgart	Werder Bremen	Bundesliga	52	46.3	51	42	U	-1	40	20	60	0.666666667	W		L	-10	W	8	1.153846154
CD Alavés	Real Madrid	La Liga	52.2	54.2	55	60	U	2.8	60	60	120	0.5	L		L	10	W	67.8	2.298850575
Havre AC	Stade Rennais	Ligue 1	39.4	43.3	45	53	U	5.6	20	30	50	0.4	L		L	0	W	10.6	1.269035533
Angers SCO	Montpellier HSC	Ligue 1	48.6	38.2	50	36	U	1.4	0	20	20	0	W		W	-10	L	-28.6	0.4115226337
Newcastle United	Manchester United	Premier League	45.9	42.5	47	42	U	1.1	0	20	20	0	W		W	-10	L	-25.9	0.4357298475
Eintracht Frankfurt	1. FC Heidenheim	Bundesliga	42.7	43.2	41	45	U	-1.7	10	10	20	0.5	L		L	0	L	-22.7	0.4683840749
Como 1907	Torino FC	Serie A	66	42.9	59	42	U	-7	10	30	40	0.25	L		W	-10	L	-26	0.6060606061
Real Betis	Villarreal CF	La Liga	63.4	48.2	67	44	U	3.6	0	40	40	0	W		W	0	L	-23.4	0.6309148265
AJ Auxerre	Olympique Lyonnais	Ligue 1	36.6	54.2	37	58	U	0.4	30	10	40	0.75	L		W	10	L	3.4	1.092896175
Lazio Roma	AS Roma	Serie A	53.5	47.8	75	50	U	21.5	40	20	60	0.666666667	W		W	0	L	6.5	1.121495327
Athletic Club	Rayo Vallecano	La Liga	44.4	45.1	44	42	U	-0.4	40	30	70	0.5714285714	W		L	-10	W	25.6	1.576576577
SSC Napoli	Empoli FC	Serie A	32.8	33.4	30	35	U	-2.8	10	10	20	0.5	L		L	-10	L	-12.8	0.6097560976
AFC Bournemouth	Fulham FC	Premier League	47.4	44.1	49	48	U	1.6	30	20	50	0.6	L		L	0	L	2.6	1.054852321
Atlético Madrid	Real Valladolid	La Liga	46.3	50.6	39	42	U	-7.3	10	10	20	0.5	L		L	-10	W	-26.3	0.4319654428
Hull City	Coventry City	Championship	32.6	50.2	35	51	U	2.4	0	10	10	0	W		L	0	W	-22.6	0.3067484663
Toronto	Minnesota	MLS	26.7	42.9	39	42	U	12.3	10	20	30	0.333333333	W		W	-10	L	3.3	1.123595506
Atlanta	New England Revolution	MLS	32.5	57.1	37	50	U	4.5	10	20	30	0.333333333	W		W	0	L	-2.5	0.9230769231
Orlando	NY Red Bulls	MLS	41.3	60.7	48	42	U	6.7	40	30	70	0.5714285714	L		L	-10	W	28.7	1.694915254
Montreal	Charlotte	MLS	36.9	43.3	38	49	U	1.1	40	10	50	0.8	L		L	0	L	13.1	1.35501355
DC United	Cincinnati	MLS	49	38.5	61	50	U	12	30	10	40	0.75	W		W	0	L	-9	0.8163265306
NYCFC	Philadelphia	MLS	45.3	58.4	54	47	U	8.7	0	20	20	0	W		W	0	L	-25.3	0.4415011038
Vancouver	Austin	MLS	44.8	39.8	48	40	U	3.2	40	10	50	0.8	L		L	-10	L	5.2	1.116071429
Dallas	Seattle Sounders	MLS	35.3	47.8	45	49	U	9.7	40	20	60	0.666666667	L		L	0	L	24.7	1.699716714
Nashville	Real Salt Lake	MLS	28.9	44.4	36	40	U	7.1	40	30	70	0.5714285714	L		L	-10	W	41.1	2.422145329
Colorado	San Diego	MLS	31.8	40	44	47	U	12.2	10	0	10	1	W		L	0	L	-21.8	0.3144654088
LA Galaxy	Houston Dynamo	MLS	39.4	37.5	45	42	U	5.6	40	20	60	0.666666667	L		L	-10	L	20.6	1.52284264
LAFC	San Jose	MLS	37	32.1	37	40	U	0	0	10	10	0	W		W	-10	L	-27	0.2702702703
Sporting Kansas City	Portland	MLS	41.4	44.4	54	47	U	12.6	10	40	50	0.2	W		W	0	W	8.6	1.207729469
Chicago Fire	Inter Miami	MLS	52.5	41.1	49	38	U	-3.5	50	30	80	0.625	W		L	-10	W	27.5	1.523809524
St Louis	Columbus Crew	MLS	48.9	34.3	55	55	U	6.1	20	10	30	0.666666667	W		W	0	L	-18.9	0.6134969325
Bragantino	Botafogo	Brazil Serie A	51.1	51	47	49	U	-4.1	30	20	50	0.6	W		L	0	W	-1.1	0.9784735812
Juventus	Ceara	Brazil Serie A	55.9	49.9	59	49	U	3.1	10	30	40	0.25	W		W	0	L	-15.9	0.7155635063
Palmeiras	Corinthians	Brazil Serie A	67.5	45.6	73	42	U	5.5	60	50	110	0.5454545455	L		L	-10	W	42.5	1.62962963
Vasco	Sport Recife	Brazil Serie A	50.3	51.8	57	42	U	6.7	30	30	60	0.5	L		L	-10	W	9.7	1.192842942
Bahia	Mirassol	Brazil Serie A	53.8	56.1	60	40	U	6.2	20	50	70	0.2857142857	L		W	-10	L	16.2	1.301115242
Gremio	Flamengo	Brazil Serie A	59.9	48.7	54	51	U	-5.9	10	10	20	0.5	L		L	0	L	-39.9	0.3338898164
Sao Paulo	Cruzeiro	Brazil Serie A	50.1	46.4	55	45	U	4.9	30	20	50	0.6	W		L	0	W	-0.1	0.998003992
Fluminense	Santos	Brazil Serie A	61.2	53	54	45	U	-7.2	20	30	50	0.4	L		W	0	L	-11.2	0.8169934641
Fortaleza	Internacional	Brazil Serie A	53.3	49.7	51	51	U	-2.3	40	20	60	0.666666667	W		W	0	L	6.7	1.125703965
Athletico Mineiro	Vitoria	Brazil Serie A	51.8	52.7	55	47	U	3.2	20	30	50	0.4	W		W	0	L	-1.8	0.965250965