AI in Football (Soccer) Team and player development

Fortunato Hernande

olocip

InStat

InStat

InStat is a sports performance analysis company, providing professional tools for individual and team performance evaluation and scouting.
InStat is used by almost every professional soccer team and some college teams.
Coaches use InStat in order to improve their teams. With the help of this technology, coaches can study their rivals and help their players to perform at a top level by studying and analyzing the data.

InStat Report

In general there are three main options of reports available: statistical reports, analytical reports and fitness ones. Reports provided by InStat cover the needs of a professional team: statistical reports on a match have all the data sorted for a user in one place: either a match day or the whole tournament. Fitness reports for the whole team or each player individually aims at supporting sportsmen energy expenditure level and helps coaching staff to maintain players' durability over the season. Finally, analytical reports can be made on the next opponent to find the position or team's squad depth and prepare for the upcoming games in the fastest way possible.
https://www.youtube.com/watch?v=JcCb_3NUrHc

Fitness report

AS Roma

	MINUTES PLAYED	TOTAL DISTANCE	AVERAGE SPEED	WALK DISTANCE	JOG DISTANCE	RUN DISTANCE	HIGH SPEED RUNS DISTANCE	SPRINT DISTANCE	NO. OF ACCELERATIONS	NO. OF HIGH SPEED RUNS AND SPRINTS	MAXIMAL SPEED	METABOLIC POWER
			m/s	0 - 2 m/s	2 - 4 m/s	4 - 5.5 m/s	5.5 - 7 m/s	>7 m/s	4 - 5.5 m/s	>5.5 m/s	m/s	
83 Antonio Mirante	'96	5 274	0.91	3 732 71%	1 359 26%	139 2.6%	43 0.8%	-	23	4	7	616
11 Aleksandar Kolarov	'96	11 977	2.11	3 270 27%	5 038 42%	2 234 19%	1 010 8%	425 3.5%	185	97	8.50	1 700
20 Federico Fazio	'96	10 828	1.93	3 582 33%	4 170 39%	2 352 22%	665 6%	59 0.5%	186	67	7.60	1 466
44 Kostas Manolas	'96	9 954	1.73	3 695 37%	3 921 39%	1 501 15%	768 8%	70 0.7%	107	61	8.40	1 271
24 Alessandro Florenzi	'96	11 122	1.94	3 479 31%	4 456 40%	2 209 20%	917 8%	60 0.5%	136	73	8.40	1 131
16 Daniele De Rossi	'96	11 980	2.08	2 993 25%	5 076 42%	2 705 23%	1 148 10%	65 0.5%	216	98	7.70	1 737
7 Lorenzo Pellegrini	'83	10 528	2.13	2 657 25%	4 239 40%	2 420 23%	996 9%	216 2.1%	200	100	8.70	1 289
4 Bryan Cristante	'96	12 894	2.26	3 079 24%	5 548 43%	3 059 24%	1 041 8%	167 1.3%	220	91	8.60	1 580
92 Stephan Shaarawy	'90	10 565	1.95	3 472 33%	4 011 38%	1 797 17%	978 9%	307 2.9%	115	69	8.60	1 118
22 Nicolo Zaniolo	'88	10 894	2.08	3 028 28%	4 260 39%	2 179 20%	967 9%	459 4.2%	151	97	8.80	1 392
9 Edin Dzeko	'96	10 644	1.84	3 542 33%	4 232 40%	1 741 16%	972 9%	158 1.5%	142	96	9.20	1 486
42 Steven Nzonzi	'13	1 676	2.16	406 24%	630 38%	370 22%	212 13%	59 3.5%	29	16	8.40	213
18 Davide Santon	'8	901	1.83	257 29%	332 37%	206 23%	91 10%	15 1.7%	9	9	7.50	120
34 Justin Kluivert	'5	793	2.39	161 20%	287 36%	143 18%	148 19%	55 7%	5	8	8.60	84
On average excl. Goalkeeper		11 508	2.03	3 371 29%	4 633 40%	2 298 20%	994 9%	212 1.8%	171	88	8.38	1 463

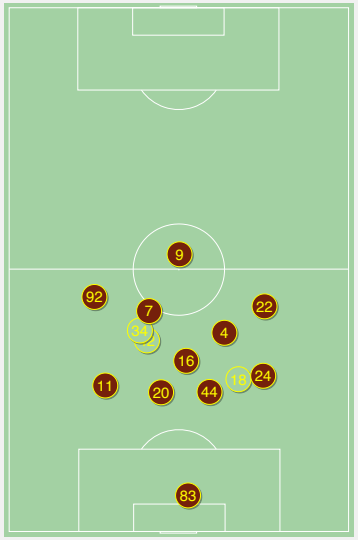
Porto

	MINUTES PLAYED	TOTAL DISTANCE	AVERAGE SPEED	WALK DISTANCE	JOG DISTANCE	RUN DISTANCE	HIGH SPEED RUNS DISTANCE	SPRINT DISTANCE	NO. OF ACCELERATIONS	NO. OF HIGH SPEED RUNS AND SPRINTS	MAXIMAL SPEED	METABOLIC POWER
			m/s	0 - 2 m/s	2 - 4 m/s	4 - 5.5 m/s	5.5 - 7 m/s	>7 m/s	4 - 5.5 m/s	>5.5 m/s	m/s	
1 Casillas	'96	4 550	0.79	3 409 75%	1 002 22%	122 2.7%	17 0.4%	-	21	3	6.10	607
13 Alex Telles	'96	11 342	1.99	3 417 30%	4 536 40%	2 029 18%	1 051 9%	307 2.7%	164	86	8.80	1 293
33 Pepe	'96	10 744	1.87	3 285 31%	4 594 43%	1 992 19%	810 8%	70 0.7%	163	71	8.30	1 405
28 Felipe Monteiro	'96	10 351	1.79	3 568 34%	4 005 39%	1 962 19%	625 6%	198 1.9%	160	69	9	1 282
3 Eder Gabriel Militao	'96	11 379	1.98	3 189 28%	4 841 43%	2 140 19%	910 8%	299 2.6%	187	87	8.50	1 545
16 Hector Herrera	'96	12 590	2.22	2 773 22%	5 244 42%	3 308 26%	1 159 9%	107 0.8%	257	118	8.60	1 647
22 Danilo Pereira	'96	11 442	1.98	3 380 30%	4 750 42%	2 252 20%	1 013 9%	46 0.4%	177	83	8.20	1 524
8 Yacine Brahimi	'68	7 790	1.93	2 180 28%	3 072 39%	1 785 23%	663 9%	90 1.2%	165	63	8.20	973
25 Otavinho	'85	10 079	2	2 878 29%	4 030 40%	2 142 21%	937 9%	92 0.9%	164	74	8.50	1 052
37 Fernando	'76	9 897	2.21	2 385 24%	4 133 42%	2 157 22%	915 9%	320 3.2%	188	90	8.50	1 406
29 Soares	'96	10 177	1.77	3 200 31%	3 971 39%	1 905 19%	933 9%	168 1.7%	116	85	8.80	1 479
20 Adrian	'27	3 274	1.98	867 26%	1 255 38%	746 23%	344 11%	62 1.9%	52	33	8.60	408
21 Andre Filipe Ferreira Coelho Pereira	'19	2 406	2.10	559 23%	928 39%	598 25%	284 12%	45 1.9%	55	21	8.40	345
7 Hernani	'11	1 297	1.91	330 25%	434 33%	267 21%	225 17%	42 3.2%	15	16	8.70	139
On average excl. Goalkeeper		11 320	1.98	3 213 28%	4 597 41%	2 337 21%	991 9%	185 1.6%	187	90	8.55	1 455

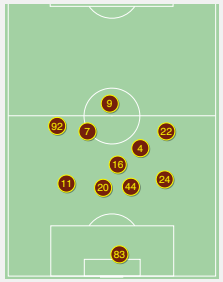
	Per match	1st half	2nd half
POSITIONAL DEFENSE PLAY	**30:09**	**15:02**	**15:08**
Average last defender line	27	28	26
Average first pressing player line	57	58	55
Average right line	53	54	52
Average left line	15	14	15
Average team's depth	30	30	30
Average team's width	38	39	37
Defensive square	1 136	1 185	1 088
Team's compactness	774	822	726
Goalkeeper's play height	7	7	7
Distance from goalkeeper to offside line	25	26	24
Distance from goalkeeper to the nearest teammate	20	21	18
POSITIONAL ATTACK PLAY	**20:47**	**11:22**	**9:25**
Average last defender line	42	42	42
Average first pressing player line	77	77	77
Average right line	56	58	52
Average left line	10	11	9
Average team's depth	35	36	35
Average team's width	45	47	43
Attacking square	1 607	1 666	1 520
Team's compactness	1 134	1 173	1 077
Goalkeeper's play height	16	16	17
Distance from goalkeeper to offside line	27	27	26
Distance from goalkeeper to the nearest teammate	26	26	25

Average positions of players in defense

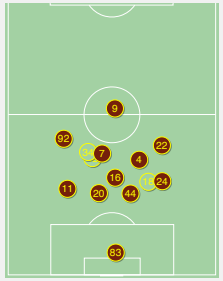
Match



1st half

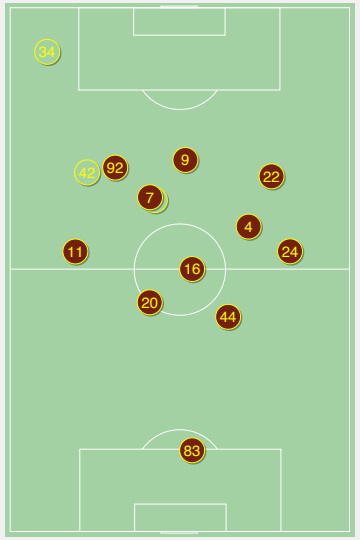


2nd half

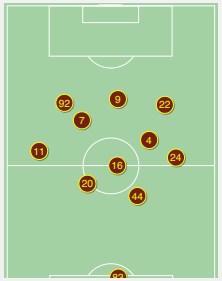


Average positions of players in attack

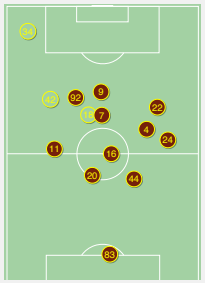
Match



1st half

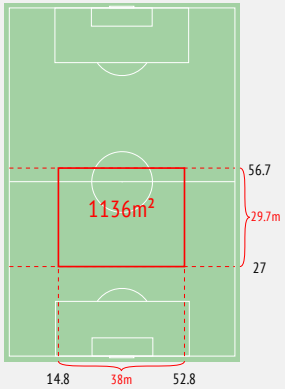


2nd half

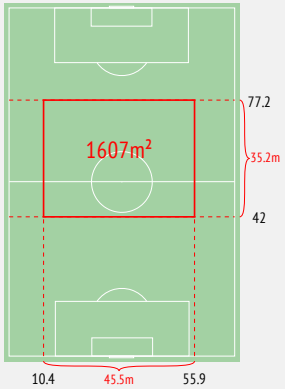


Team's compactness

Defensive



Attacking



Average distance between players in defense

	83	11	20	44	24	16	7	4	92	22	9	42	18	34
83 Mirante		31	25	24	32	30	42	37	49	45	51	30	21	33
11 Kolarov	31		13	22	33	18	19	27	20	36	30	15	27	14
20 Federico Fazio	25	13		11	22	10	18	19	27	29	29	13	17	19
44 Manolas	24	22	11		13	10	22	14	32	23	30	15	9	21
24 Florenzi	32	33	22	13		17	27	13	38	16	31	22	11	28
16 De Rossi	30	18	10	10	17		14	11	25	21	23	9	11	19
7 Pellegrini	42	19	18	22	27	14		17	15	24	16	-	-	-
4 Cristante	37	27	19	14	13	11	17		28	13	21	13	9	22
92 Shaarawy	49	20	27	32	38	25	15	28		33	21	14	34	-
22 Zaniolo	45	36	29	23	16	21	24	13	33		21	24	-	-
9 Dzeko	51	30	29	30	31	23	16	21	21	21		22	32	23
42 Steven Nzonzi	30	15	13	15	22	9	-	13	14	24	22		18	12
18 Santon	21	27	17	9	11	11	-	9	34	-	32	18		27
34 Kluivert	33	14	19	21	28	19	-	22	-	-	23	12	27	

Average distance between players in attack

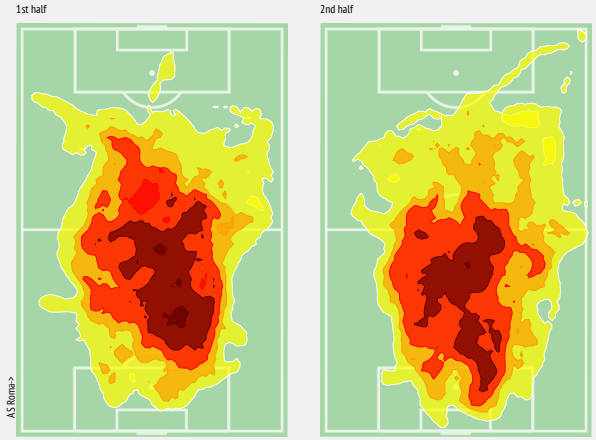
	83	11	20	44	24	16	7	4	92	22	9	42	18	34
83 Mirante		43	32	28	42	35	50	44	57	55	57	40	31	72
11 Kolarov	43		18	32	43	23	20	34	21	42	31	11	34	9
20 Federico Fazio	32	18		17	32	12	23	24	30	35	30	14	24	26
44 Manolas	28	32	17		19	13	30	18	39	29	33	16	9	32
24 Florenzi	42	43	32	19		22	32	16	42	19	31	27	20	31
16 De Rossi	35	23	12	13	22		18	14	28	25	24	9	17	22
7 Pellegrini	50	20	23	30	32	18		22	15	27	16	-	-	-
4 Cristante	44	34	24	18	16	14	22		31	15	21	15	11	26
92 Shaarawy	57	21	30	39	42	28	15	31		34	19	9	32	-
22 Zaniolo	55	42	35	29	19	25	27	15	34		19	25	-	-
9 Dzeko	57	31	30	33	31	24	16	21	19	19		16	34	4
42 Steven Nzonzi	40	11	14	16	27	9	-	15	9	25	16		25	16
18 Santon	31	34	24	9	20	17	-	11	32	-	34	25		37
34 Kluivert	72	9	26	32	31	22	-	26	-	-	4	16	37	

16. Daniele De Rossi

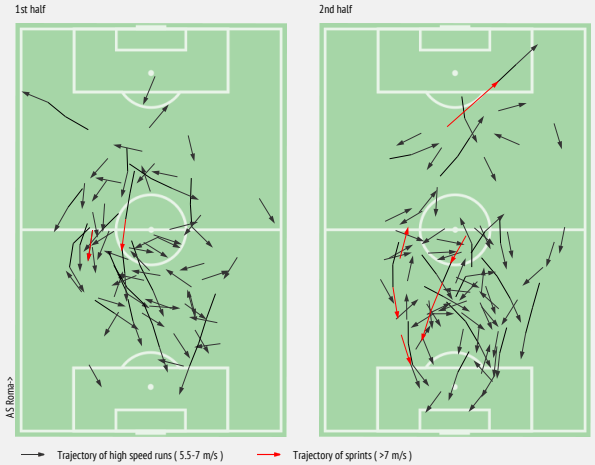
#1005

	per match		1st half		2nd half	
Total distance (m)	11 980		6 011		5 969	
Walk 0-2 m/s (m)	2 993	25%	1 516	25%	1 477	25%
Jog 2-4 m/s (m)	5 076	42%	2 692	45%	2 384	40%
Run 4-5.5 m/s (m)	2 705	23%	1 231	20%	1 474	25%
High speed runs 5.5-7 m/s (m)	1 148	10%	565	9%	583	10%
Sprints >7 m/s (m)	65	0.5%	14	0.2%	51	0.9%
High speed runs (Number)	93		46		47	
Sprints (Number)	5		1		4	

Player's movements in the match



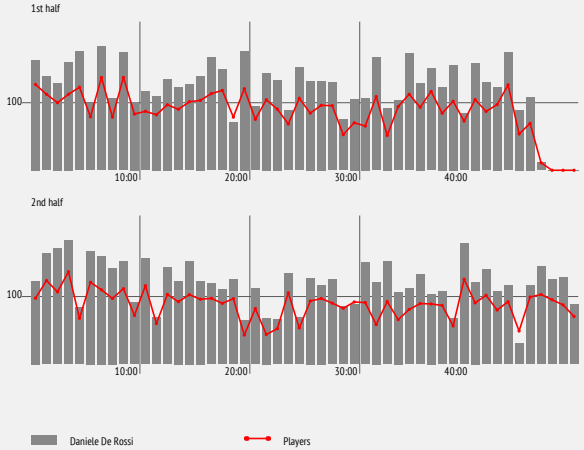
Player's high speed runs and sprints in the match



Additional parameters of a player's physical activity

	per match		1st half		2nd half	
Average speed (m/s)	2.08		2.17		1.99	
Maximal speed (m/s)	7.7		7.3		7.7	
Energy expence (kcal)	1 737		834		903	
Total distance defensive (m)	4 982	42%	2 416	40%	2 566	43%
Total distance attacking (m)	3 153	26%	1 776	30%	1 377	23%
High speed runs + sprints distance defensive (m)	729	6%	364	6%	365	6%
High speed runs + sprints distance attacking (m)	231	1.9%	127	2.1%	104	1.7%

Total distance (every minute in comparison with average distance of field players), m

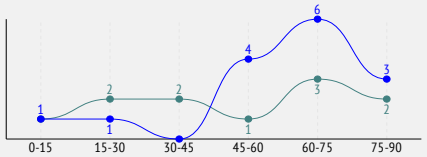


Distance on speed over 5.5 m/s (every minute in comparison with average distance of field players), m

Report after game

Main statistics

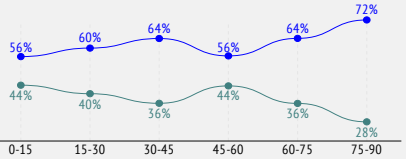
SHOTS / ON TARGET	15 / 5	11 / 6
1st half	2 / 1	5 / 3
2nd half	13 / 4	6 / 3



Shots wide	6	4
Blocked shots	4	1
Shots from the box / on target	10 / 4	9 / 4
Average distance to the goal, m.	17.5	17.6
Fouls	10	14
Yellow / red cards	3 / 0	5 / 1
Offsides	4	5
Corners	13	4

Ball possession

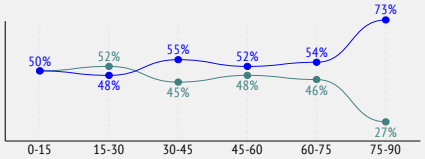
BALL POSSESSION	62%	38%
1st half	60%	40%
2nd half	64%	36%



Ball possession, quantity	108	92
Average time of ball poss.	0:20	0:14
Entrance to the opposition half	78 72%	48 52%
Entrance to the final third	60 56%	30 33%
Entrance to the penalty box	28 26%	15 16%
Possessions from open play	91	88
Duration 0-10 sec	26	42
Duration 10-20 sec	28	30
Duration 20-45 sec	28	12
Duration > 45 sec	9	4

Challenges

CHALLENGES	138 / 76 55%	138 / 62 45%
1st half	65 / 33 51%	65 / 32 49%
2nd half	73 / 43 59%	73 / 30 41%



Defensive challenges	52 / 33 63%	86 / 43 50%
Attacking challenges	86 / 43 50%	52 / 19 37%
Air challenges	20 / 11 55%	20 / 9 45%
Ground challenges	118 / 65 55%	118 / 53 45%
Dribbles / successful	43 / 24 56%	22 / 13 59%
Tackles / successful	30 / 17 57%	54 / 30 56%
Interceptions / in opp. half	39 / 12	61 / 7
Picking up free balls / in opp. half	53 / 28	55 / 16

Passes

PASSES / ACCURATE	645 / 562 87%	385 / 320 83%
1st half	359 / 320 89%	210 / 173 82%
2nd half	286 / 242 85%	175 / 147 84%
Non-attacking passes	115 / 115 100%	74 / 74 100%
Attacking passes	485 / 431 89%	286 / 233 81%
Key passes	45 / 16 36%	25 / 13 52%
Short passes	192 / 169 88%	139 / 115 83%
Medium passes	433 / 380 88%	218 / 185 85%
Long passes	19 / 13 68%	28 / 20 71%
Avg. length of passes, m.	15.5	17.7
Passes forward	403 / 344 85%	262 / 209 80%
Passes across	645 / 562 87%	385 / 320 83%
Passes back	242 / 218 90%	123 / 111 90%
Passes from open play	595 / 519 87%	358 / 296 83%
Passes from set pieces	50 / 43 86%	27 / 24 89%
Passes into the box	45 / 17 38%	23 / 11 48%
Crosses	9 / 0 0%	10 / 5 50%

Attacks

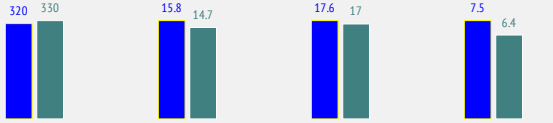
ATTACKS / WITH SHOTS	102 / 13 13%	76 / 12 16%
1st half	55 / 2 3.6%	41 / 5 12%
2nd half	47 / 11 23%	35 / 7 20%
Positional attacks	72 / 6 8%	51 / 8 16%
Counter-attacks	12 / 1 8%	21 / 4 19%
Set piece attacks	18 / 6 33%	4 / 1 25%
Free-kick shots / on target	2 / 0 0%	-
Free-kick combinations	2 / 2 100%	-
Corner combinations	13 / 3 23%	4 / 1 25%
Penalties / scored	1 / 1 100%	-

FLANKS OF ATTACKS

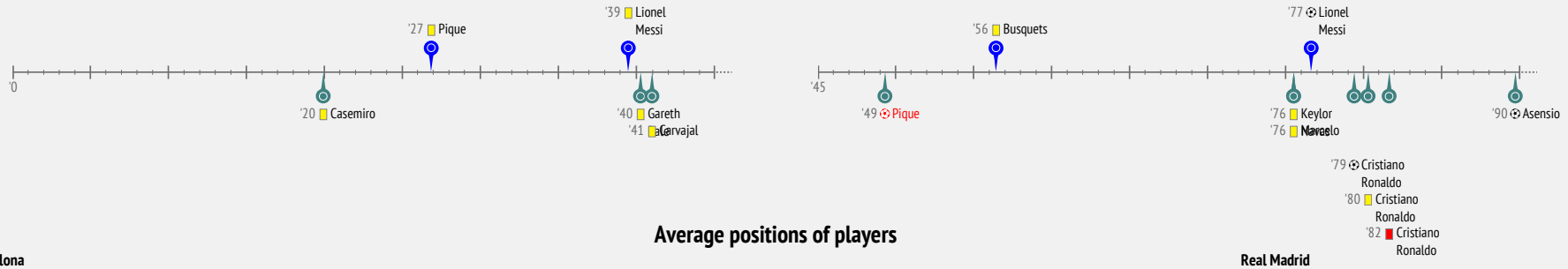
Lost balls. Recovered balls

LOST BALLS / IN OWN HALF	58 / 10	50 / 13
1st half	36 / 7	25 / 6
2nd half	22 / 3	25 / 7
RECOVERED BALLS / IN OPP. HALF	**41 / 9**	**53 / 9**
1st half	22 / 4	33 / 6
2nd half	19 / 5	20 / 3

KEY PERFORMANCE INDEXES



Timeline



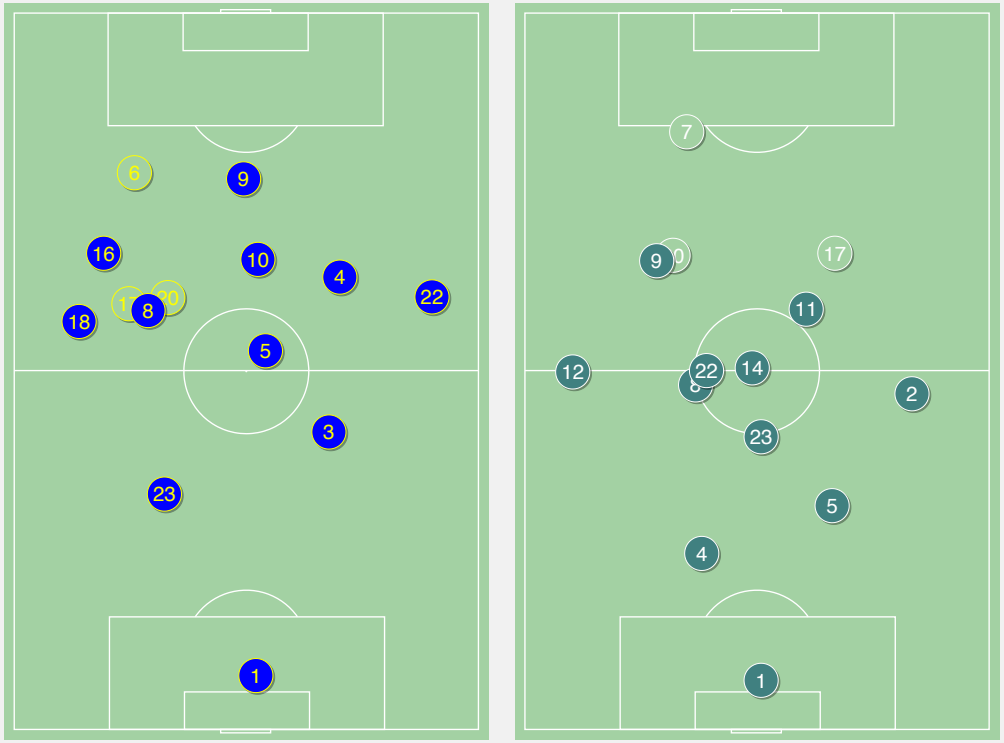
Average positions of players

Barcelona

1	ter Stegen		
18	Jordi Alba		
23	Umtiti		
3	Pique		
22	Aleix Vidal		
8	Iniesta		'68
5	Busquets		
16	Gerard Deulofeu		'59
4	Rakitic		'83
9	Suarez		
10	Lionel Messi		
6	Denis Suarez		'59
20	Sergi Roberto		'68
17	Paco Alcacer		'83

Real Madrid

1	Keylor Navas		
12	Marcelo		
4	Sergio Ramos		
5	Varane		
2	Carvajal		
14	Casemiro		
23	Kovacic		'68
8	Kroos		
22	Isco		
9	Benzema		'58
11	Gareth Bale		'81
7	Cristiano Ronaldo		'58
20	Asensio		'68
17	Lucas Vazquez		'81



4-4-2

MATCH START

4-4-2

END OF MATCH

4-4-2

MATCH START

END OF MATCH

Box score

	INSTAT INDEX	Minutes played	Goals	Assists	Shots / on target	Fouls	Fouls suffered	Offsides
1 ter Stegen	257	'93	-	-	-	-	-	-
18 Jordi Alba	421	'93	-	-	-	-	-	-
23 Umtiti	357	'93	-	-	-	-	1	-
3 Pique	288	'93	-	-	-	1	-	-
22 Aleix Vidal	294	'93	-	-	1 / 0 0%	3	1	-
8 Iniesta	304	'67	-	-	-	1	2	-
5 Busquets	336	'93	-	-	1 / 0 0%	1	2	-
16 Gerard Deulofeu	274	'58	-	-	-	1	1	2
4 Rakitic	295	'82	-	-	1 / 0 0%	1	2	-
9 Suarez	343	'93	-	-	3 / 2 67%	1	1	2
10 Lionel Messi	384	'93	1	-	8 / 2 25%	1	3	-
6 Denis Suarez	286	'35	-	-	1 / 1 100%	-	1	-
20 Sergi Roberto	327	'25	-	-	-	-	-	-
17 Paco Alcacer	-	'10	-	-	-	-	-	-

Challenges

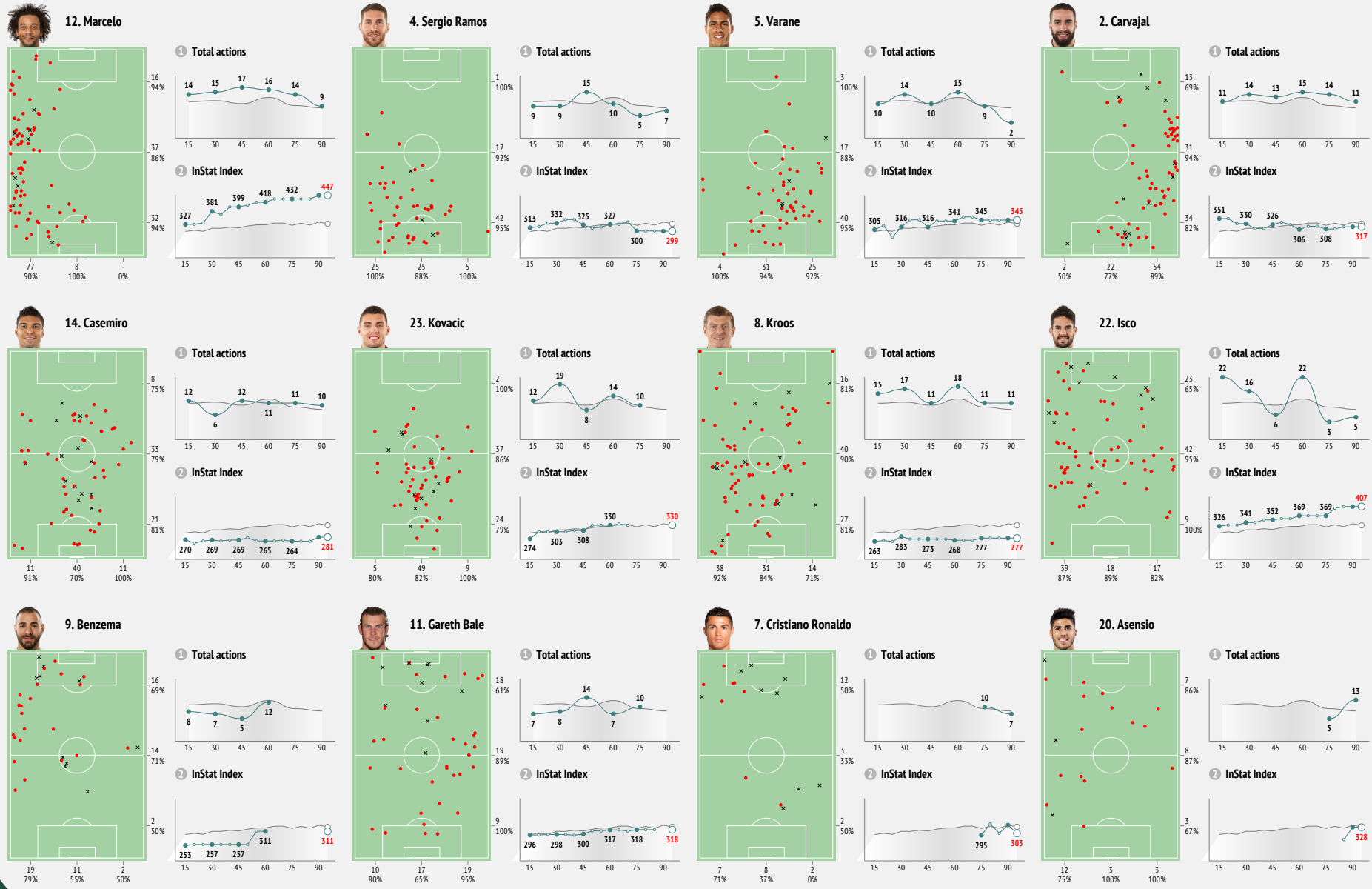
	Challenges / won	Air challenges	Ground challenges	Defensive challenges	Attacking challenges	Dribbles / successful	Tackles / successful	Interceptions / in opp. half	Picking up free balls / in opp. half
1 ter Stegen	-	-	-	-	-	-	-	3 / 0	1 / 0
18 Jordi Alba	8 / 5 63%	2 / 1 50%	6 / 4 67%	6 / 5 83%	2 / 0 0%	2 / 0 0%	4 / 4 100%	5 / 2	4 / 2
23 Umtiti	15 / 11 73%	5 / 3 60%	10 / 8 80%	9 / 8 89%	6 / 3 50%	2 / 2 100%	2 / 2 100%	5 / 0	8 / 0
3 Pique	10 / 7 70%	2 / 1 50%	8 / 6 75%	8 / 6 75%	2 / 1 50%	1 / 1 100%	6 / 4 67%	11 / 2	1 / 0
22 Aleix Vidal	13 / 3 23%	2 / 0 0%	11 / 3 27%	8 / 3 38%	5 / 0 0%	3 / 0 0%	3 / 0 0%	4 / 1	6 / 6
8 Iniesta	11 / 5 45%	-	11 / 5 45%	4 / 2 50%	7 / 3 43%	2 / 1 50%	4 / 2 50%	-	1 / 1
5 Busquets	14 / 11 79%	3 / 2 67%	11 / 9 82%	8 / 5 63%	6 / 6 100%	1 / 1 100%	6 / 4 67%	4 / 4	8 / 4
16 Gerard Deulofeu	11 / 4 36%	1 / 0 0%	10 / 4 40%	3 / 1 33%	8 / 3 38%	1 / 0 0%	1 / 0 0%	2 / 1	4 / 1
4 Rakitic	12 / 4 33%	1 / 1 100%	11 / 3 27%	3 / 0 0%	9 / 4 44%	5 / 2 40%	3 / 0 0%	3 / 2	6 / 2
9 Suarez	14 / 8 57%	3 / 2 67%	11 / 6 55%	-	14 / 8 57%	10 / 6 60%	-	1 / 0	6 / 6
10 Lionel Messi	19 / 12 63%	1 / 1 100%	18 / 11 61%	1 / 1 100%	18 / 11 61%	13 / 9 69%	-	-	4 / 4
6 Denis Suarez	8 / 4 50%	-	8 / 4 50%	-	8 / 4 50%	3 / 2 67%	-	-	2 / 1
20 Sergi Roberto	1 / 1 100%	-	1 / 1 100%	1 / 1 100%	-	-	-	-	1 / 0
17 Paco Alcacer	2 / 1 50%	-	2 / 1 50%	1 / 1 100%	1 / 0 0%	-	1 / 1 100%	1 / 0	1 / 1

Playing in attacks

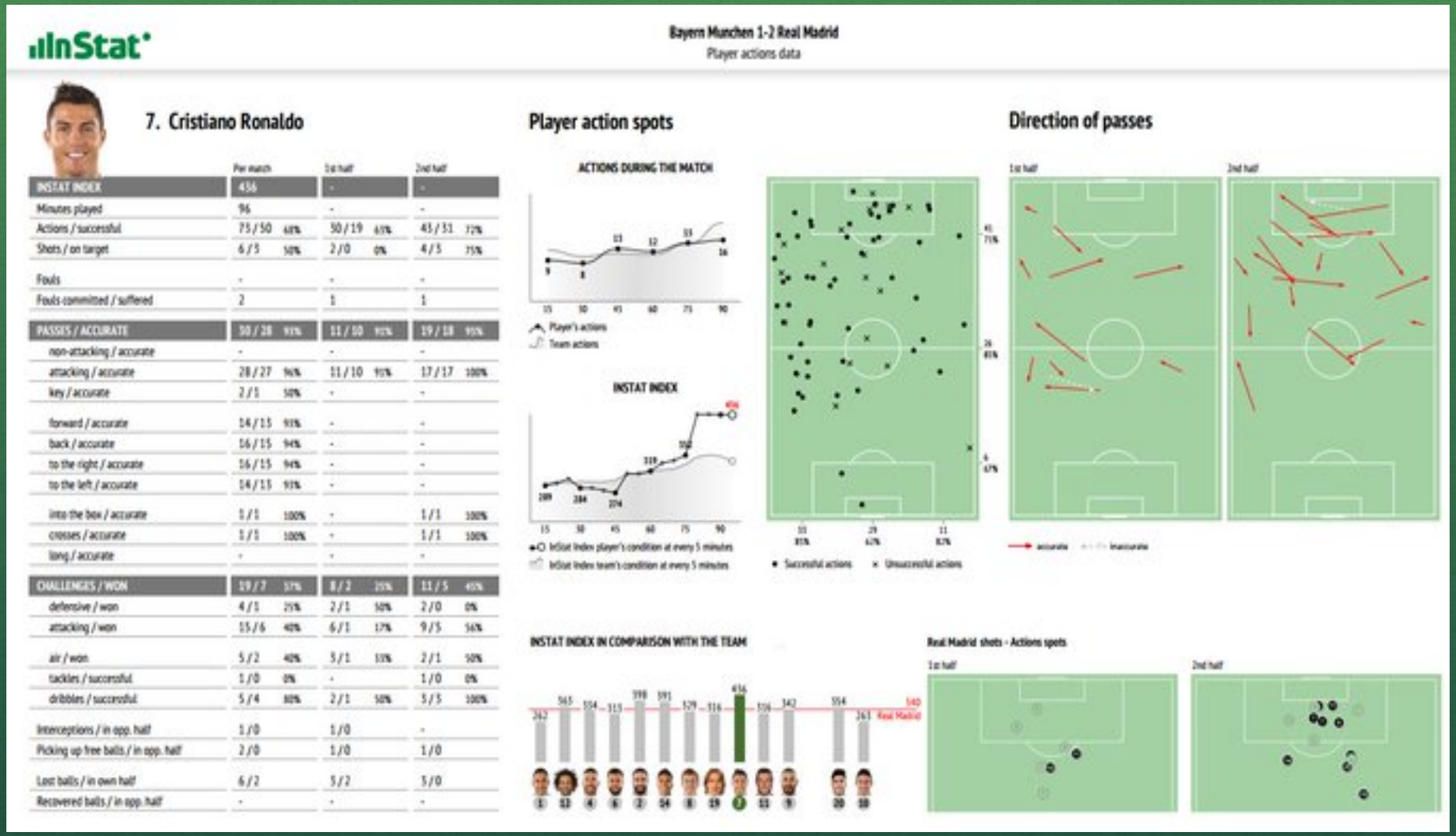
	Actions / successful	Playing in counter-attacks	Playing in positional attacks	Lost balls / in own half	Recovered balls / in opp. half
1 ter Stegen	36 / 30 83%	3	12	2 / 2	5 / 0
18 Jordi Alba	104 / 93 89%	4	46	5 / 1	6 / 2
23 Umtiti	79 / 70 89%	5	25	1 / 1	8 / 0
3 Pique	64 / 57 89%	3	24	1 / 0	10 / 1
22 Aleix Vidal	88 / 64 73%	1	35	4 / 2	2 / 1
8 Iniesta	71 / 61 86%	1	31	2 / 2	1 / 1
5 Busquets	118 / 103 87%	4	51	4 / 1	3 / 2
16 Gerard Deulofeu	61 / 42 69%	3	28	7 / 0	2 / 0
4 Rakitic	90 / 70 78%	2	40	10 / 0	1 / 0
9 Suarez	68 / 43 63%	8	33	11 / 0	-
10 Lionel Messi	107 / 79 74%	5	41	7 / 0	-
6 Denis Suarez	47 / 32 68%	3	15	1 / 0	1 / 1
20 Sergi Roberto	28 / 26 93%	1	12	2 / 1	1 / 1
17 Paco Alcacer	8 / 7 88%	1	3	1 / 0	1 / 0

Passes

	Passes / accurate	Non-attacking passes	Attacking passes	Key passes	Short passes	Medium passes	Long passes	Passes into the box	Crosses	Received passes
1 ter Stegen	24 / 22 92%	10 / 10	14 / 12	-	1 / 1	19 / 18	4 / 3	-	-	15
18 Jordi Alba	81 / 73 90%	17 / 17	56 / 52	8 / 4	22 / 22	56 / 50	3 / 1	8 / 3	2 / 0	68
23 Umtiti	47 / 43 91%	12 / 12	35 / 31	-	10 / 8	37 / 35	-	-	-	36
3 Pique	38 / 37 97%	14 / 14	24 / 23	-	5 / 5	31 / 31	2 / 1	-	-	28
22 Aleix Vidal	58 / 49 84%	12 / 12	40 / 36	6 / 1	18 / 14	40 / 35	-	1 / 0	1 / 0	46
8 Iniesta	51 / 50 98%	6 / 6	42 / 42	3 / 2	23 / 23	27 / 26	1 / 1	2 / 1	-	53
5 Busquets	88 / 80 91%	13 / 13	74 / 67	1 / 0	26 / 25	62 / 55	-	2 / 0	-	75
16 Gerard Deulofeu	37 / 30 81%	10 / 10	23 / 18	4 / 2	13 / 10	22 / 18	2 / 2	2 / 1	2 / 0	35
4 Rakitic	60 / 53 88%	8 / 8	49 / 43	3 / 2	21 / 19	36 / 31	3 / 3	4 / 2	-	56
9 Suarez	37 / 24 65%	3 / 3	27 / 19	7 / 2	19 / 12	17 / 12	-	3 / 1	2 / 0	40
10 Lionel Messi	65 / 54 83%	8 / 8	49 / 43	8 / 3	23 / 22	40 / 31	2 / 1	13 / 6	-	63
6 Denis Suarez	30 / 20 67%	1 / 1	25 / 19	4 / 0	7 / 4	21 / 15	2 / 1	8 / 1	2 / 0	22
20 Sergi Roberto	25 / 23 92%	1 / 1	23 / 22	1 / 0	3 / 3	22 / 20	-	1 / 1	-	22
17 Paco Alcacer	4 / 4 100%	-	4 / 4	-	1 / 1	3 / 3	-	1 / 1	-	3


12. Marcelo
1 Total actions
14 15 17 16 14 9
16 94%
37 86%
32 94%
2 InStat Index
327 381 399 418 432 447
77 90%
8 100%
- 0%
4. Sergio Ramos
1 Total actions
9 9 15 10 5 7
1 100%
12 92%
42 95%
2 InStat Index
313 332 325 327 300 299
25 100%
25 88%
5 100%
5. Varane
1 Total actions
10 14 10 15 9 2
3 100%
17 88%
40 95%
2 InStat Index
305 316 316 341 345 345
4 100%
31 94%
25 92%
2. Carvajal
1 Total actions
11 14 13 15 14 11
13 69%
31 94%
34 82%
2 InStat Index
351 330 326 306 308 317
2 50%
22 77%
54 89%
14. Casemiro
1 Total actions
12 6 12 11 11 10
8 75%
33 79%
21 81%
2 InStat Index
270 269 269 265 264 281
11 91%
40 70%
11 100%
23. Kovacic
1 Total actions
12 8 19 14 10
2 100%
37 86%
24 79%
2 InStat Index
274 303 308 330 330
5 80%
49 82%
9 100%
8. Kroos
1 Total actions
15 17 11 18 11 11
16 81%
40 90%
27 81%
2 InStat Index
263 283 273 268 277 277
38 92%
31 84%
14 71%
22. Isco
1 Total actions
22 16 6 22 3 5
23 65%
42 95%
9 100%
2 InStat Index
326 341 352 369 369 407
39 87%
18 89%
17 82%
9. Benzema
1 Total actions
8 7 5 12
16 69%
14 71%
2 50%
2 InStat Index
253 257 257 311 311
19 79%
11 55%
2 50%
11. Gareth Bale
1 Total actions
7 8 14 7 10
18 61%
19 89%
9 100%
2 InStat Index
296 298 300 317 318 318
10 80%
17 65%
19 95%
7. Cristiano Ronaldo
1 Total actions
10 7
12 50%
3 33%
2 50%
2 InStat Index
295 303
7 71%
8 37%
2 0%
20. Asensio
1 Total actions
5 13
7 86%
8 87%
3 67%
2 InStat Index
328
12 75%
3 100%
3 100%

Individual player report



InStat

Bayern Munchen 1-2 Real Madrid

Player actions data

7. Cristiano Ronaldo

	Per match		1st half		2nd half	
INSTAT INDEX	**456**		-		-	
Minutes played	96		-		-	
Actions / successful	75 / 50	68%	50 / 19	63%	45 / 31	72%
Shots / on target	6 / 5	50%	2 / 0	0%	4 / 3	75%
Fouls	-		-		-	
Fouls committed / suffered	2		1		1	
PASSES / ACCURATE	**50 / 28**	**93%**	**11 / 10**	**91%**	**19 / 18**	**95%**
non-attacking / accurate	-		-		-	
attacking / accurate	28 / 27	96%	11 / 10	91%	17 / 17	100%
key / accurate	2 / 1	50%	-		-	
forward / accurate	14 / 13	93%	-		-	
back / accurate	16 / 15	94%	-		-	
to the right / accurate	16 / 15	94%	-		-	
to the left / accurate	14 / 13	93%	-		-	
into the box / accurate	1 / 1	100%	-		1 / 1	100%
crosses / accurate	1 / 1	100%	-		1 / 1	100%
long / accurate	-		-		-	
CHALLENGES / WON	**19 / 7**	**37%**	**8 / 2**	**25%**	**11 / 5**	**45%**
defensive / won	4 / 1	25%	2 / 1	50%	2 / 0	0%
attacking / won	15 / 6	40%	6 / 1	17%	9 / 5	56%
air / won	5 / 2	40%	5 / 1	33%	2 / 1	50%
tackles / successful	1 / 0	0%	-		1 / 0	0%
dribbles / successful	5 / 4	80%	2 / 1	50%	3 / 3	100%
Interceptions / in opp. half	1 / 0		1 / 0		-	
Picking up free balls / in opp. half	2 / 0		1 / 0		1 / 0	
Lost balls / in own half	6 / 2		5 / 2		3 / 0	
Recovered balls / in opp. half	-		-		-	

Player action spots

ACTIONS DURING THE MATCH

Player's actions

Team actions

INSTAT INDEX

InStat Index player's condition at every 5 minutes

InStat Index team's condition at every 5 minutes

Successful actions

Unsuccessful actions

Direction of passes

1st half

2nd half

accurate

inaccurate

INSTAT INDEX IN COMPARISON WITH THE TEAM

Real Madrid shots - Actions spots

1st half

2nd half

https://new.instatscout.com/video/index/kind/Summary/player-id/1365717/match-id/2127030?src=email

Olocip specializes in the implementation of the most advanced AI in the fields of sport and industry, possessing the only technology capable of bridging both predictive and prescriptive dimensions and giving answers to real questions.

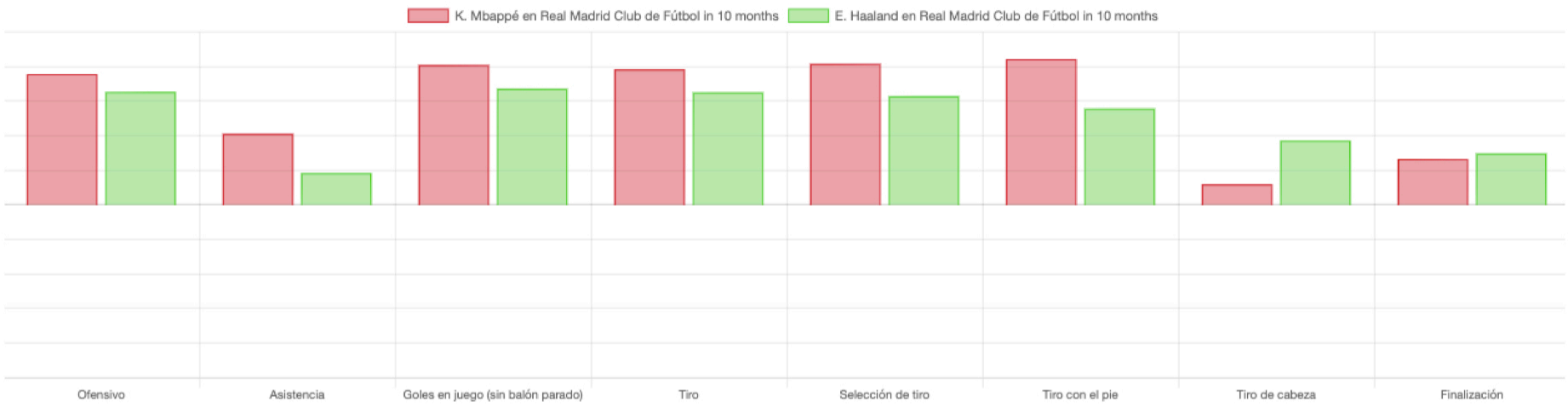
Olocip's TCT-Scout platform is the first predictive performance analysis solution which specializes in team management and planning, and which focuses on supporting football professionals. Olocip apply the latest Artificial Intelligence techniques to predict the future performance of players, offer an objective assessment of each action performed on the pitch and contextualize players to a specific future environment (club, competition, coach, …). It also provide economic assessment of sport assets, as well as an estimate of their future progression.

- Player evaluation.
- Performance analysis.
- Market value prediction.

- Estadísticas calculadas por 90 min

Valor de las acciones

Temporada 2021-2022



Jugador	Ofensivo	Asistencia	Goles en juego (sin balón parado)	Tiro	Selección de tiro	Tiro con el pie	Tiro de cabeza	Finalización
K. Mbappé en Real Madrid Club de Fútbol in 10 months	0,434	0,043	0,502	0,460	0,380	0,363	0,017	0,080
E. Haaland en Real Madrid Club de Fútbol in 10 months	0,375	0,019	0,416	0,382	0,292	0,240	0,053	0,090

olocip

* Fuente de datos predictivos: **Olocip**

Estadísticas calculadas por 90 minutos

olocip
@Olocip_Lab

2017/2018		2018/2019	
ASISTENCIAS	0.41	0.33	ASISTENCIAS
ASISTENCIA ESPERADA	0.30	0.27	ASISTENCIA ESPERADA
VERTICALIDAD	0.43	0.46	VERTICALIDAD
GOLES	0.20	0.53	GOLES
GOL ESPERADO	0.59	0.52	GOL ESPERADO
TIROS	2.57	2.86	TIROS
RATIO AÉREO	24%	36%	RATIO AÉREO
REMATES AÉREOS	3.11	2.13	REMATES AÉREOS

BENZEMA

Citations:

- Instat for players. InStat. (n.d.). Retrieved October 29, 2021, from https://instatsport.com/football/for_players.
- "Fútbol: Olocip, Tu Partner Tecnológico De Inteligencia Artificial." Olocip, 11 June 2021, https://olocip.com/en/football/.
- Redondo, Christian. "Post-Cristiano Benzema Form Predicted by Artificial Intelligence." AS.com, AS En, 25 Apr. 2019, https://en.as.com/en/2019/04/24/soccer/1556090672_994937.html.