

SUPPLEMENTARY MATERIALS

Supplement to: Silva H, Oliveira A, Marcelino R. Home advantage in soccer: being invincible during home matches may be the reason. *Trends Sport Sci.* 2025;32(4):275-281. <https://doi.org/10.23829/TSS.2025.32.4-7>

This document provides additional information to the main document of this study. Specifically, Figures S1 to S5 present the differences between outcomes (percentage of wins, draws, and losses) according to the match location (home vs away) for each league analyzed (Premier League, La Liga, Serie A, Bundesliga, and Ligue 1). Table S1 present the means \pm SD of the different outcomes according to the match location for each season analyzed (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024). Table S2 presents the independent mean differences (with 95%

confidence intervals [95% CI]) and effect sizes [95% CI] of each season for the possible outcomes, according to the match location. Tables S3, S5, S7, S9, S11, present the means \pm SD of the possible outcomes, according to the match location, per season and for each league. Tables S4, S6, S8, S10, S12, present the independent mean differences between the outcomes, according to the match location, per season and for each league. Finally, Figures S6 and S7 present the mean percentage of wins, draws and losses, for home and away, respectively, during the different seasons and for each league.

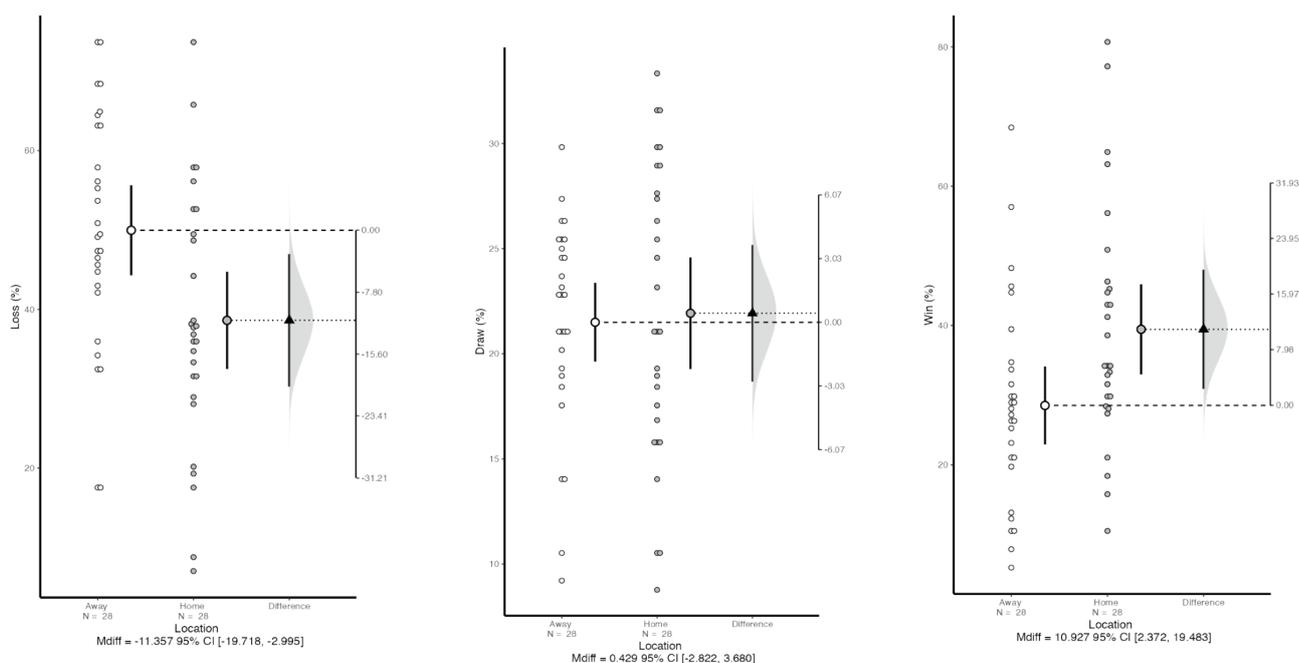


Figure S1. Independent mean differences (95% CI) of the percentage (%) of wins, draws and losses, for the English teams according to the match location (home vs away)

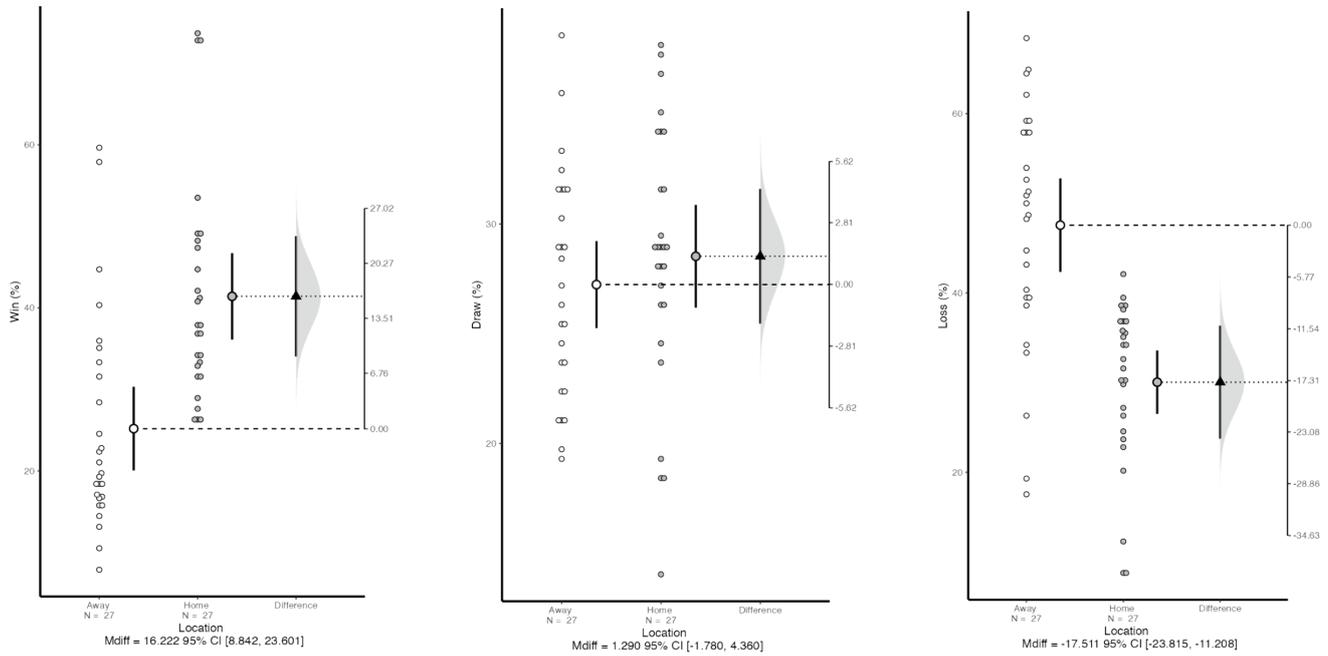


Figure S2. Independent mean differences (95% CI) of the percentage (%) of wins, draws and losses, for the Spanish teams according to the match location (home vs away)

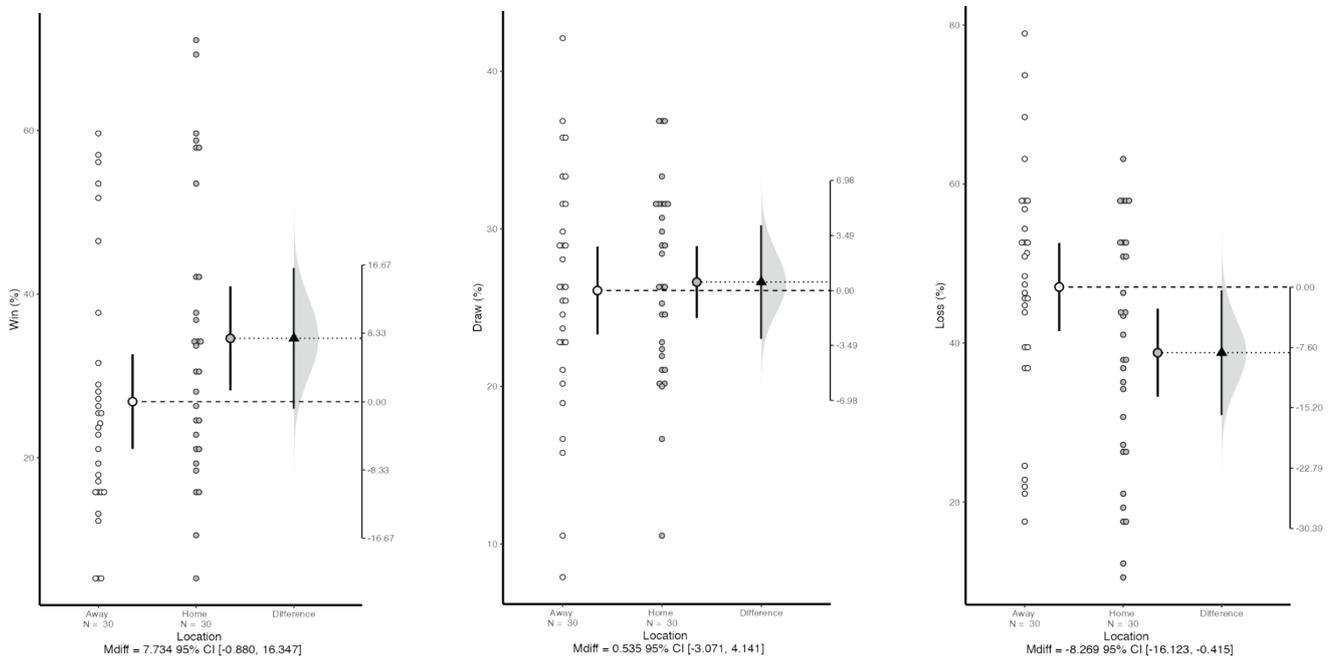


Figure S3. Independent mean differences (95% CI) of the percentage (%) of wins, draws and losses, for the Italian teams according to the match location (home vs away)

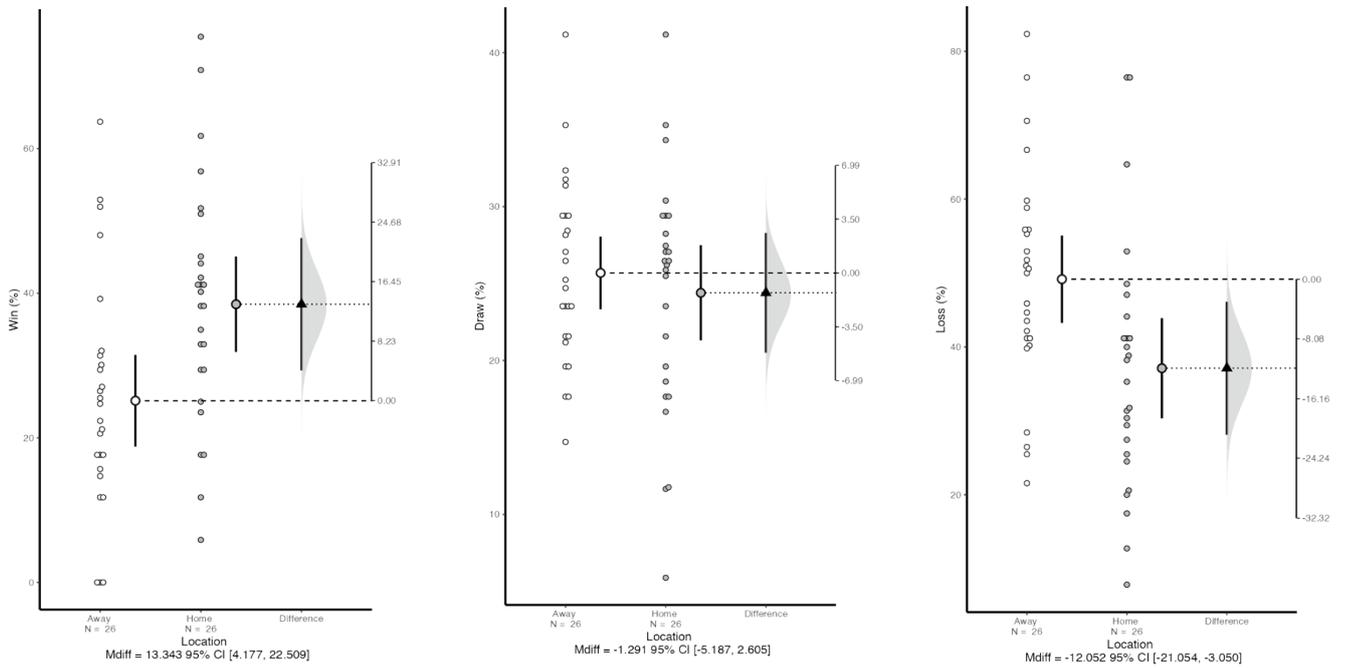


Figure S4. Independent mean differences (95% CI) of the percentage (%) of wins, draws and losses, for the German teams according to the match location (home vs away)

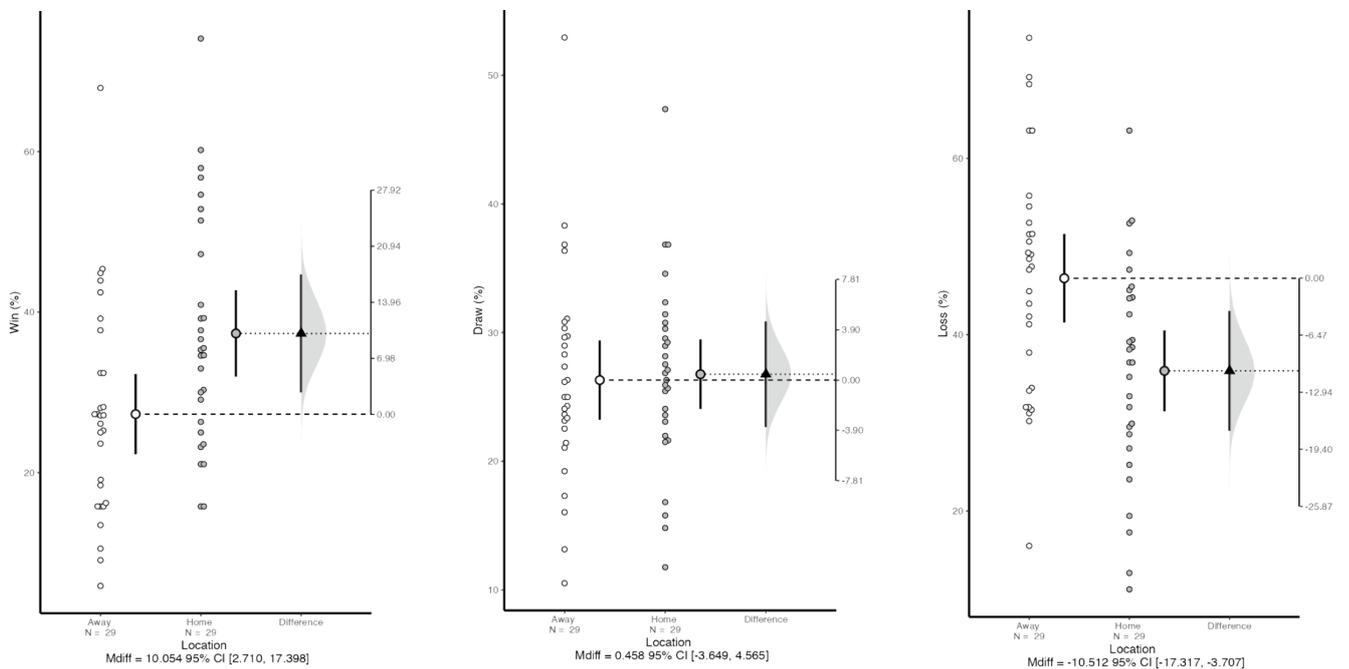


Figure S5. Independent mean differences (95% CI) of the percentage (%) of wins, draws and losses, for the French teams according to the match location (home vs away)

Table S1. Mean \pm SD of the percentage of wins, draws and losses, according to the match location (home vs away) for each season (196 teams per season, except 2023-2024 [192 teams])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	44.75 \pm 18.85	25.81 \pm 11.76	29.44 \pm 15.72	29.44 \pm 16.38	25.81 \pm 11.00	44.75 \pm 16.34
2019-2020	44.19 \pm 17.98	24.35 \pm 11.38	31.46 \pm 16.86	31.44 \pm 17.43	24.33 \pm 11.15	44.23 \pm 17.22
2020-2021	39.91 \pm 18.07	25.48 \pm 10.23	34.60 \pm 15.58	34.60 \pm 18.14	25.48 \pm 9.69	39.91 \pm 17.08
2021-2022	42.85 \pm 18.00	25.81 \pm 10.40	31.34 \pm 14.62	31.34 \pm 17.06	25.81 \pm 9.66	42.85 \pm 17.03
2022-2023	45.76 \pm 18.76	24.27 \pm 10.96	29.97 \pm 14.76	29.97 \pm 16.85	24.27 \pm 9.91	45.76 \pm 15.98
2023-2024	43.03 \pm 20.00	26.42 \pm 10.95	30.56 \pm 17.09	30.51 \pm 18.27	28.53 \pm 10.37	43.04 \pm 16.78

Table S2. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season (196 teams per season, except 2023-2024 [192 teams])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	15.31 (10.33, 20.28)	0.86 (0.58, 1.17) – moderate	p < 0.001
	Draws (%)	0.00 (-3.21, 3.21)	0.00 (-0.28, 0.28) – unclear	p = 1.00
	Losses (%)	-15.31 (-19.83, -10.79)	-0.95 (-1.26, -0.66) – moderate	p < 0.001
2019-2020	Wins (%)	12.75 (7.76, 17.74)	0.72 (0.43, 1.02) – moderate	p < 0.001
	Draws (%)	0.03 (-3.15, 3.20)	0.00 (-0.28, 0.28) – unclear	p = 0.987
	Losses (%)	-12.78 (-17.58, -7.98)	-0.75 (-1.05, -0.46) – moderate	p < 0.001
2020-2021	Wins (%)	5.31 (0.21, 10.41)	0.29 (0.01, 0.58) – small	p = 0.041
	Draws (%)	0.00 (-2.81, 2.81)	0.00 (-0.28, 0.28) – unclear	p = 1.00
	Losses (%)	-5.31 (-9.92, -0.70)	-0.32 (-0.61, -0.04) – small	p = 0.024
2021-2022	Wins (%)	11.51 (6.56, 16.45)	0.65 (0.37, 0.95) – moderate	p < 0.001
	Draws (%)	0.00 (-2.83, 2.83)	0.00 (-0.28, 0.28) – unclear	p = 1.00
	Losses (%)	-11.51 (-15.98, -7.03)	-0.72 (-1.02, -0.44) – moderate	p < 0.001
2022-2023	Wins (%)	15.76 (10.76, 20.81)	0.88 (0.60, 1.19) – moderate	p < 0.001
	Draws (%)	0.00 (-2.94, 2.94)	0.00 (-0.28, 0.28) – unclear	p = 1.00
	Losses (%)	-15.79 (-20.12, -11.45)	-1.02 (-1.33, -0.73) – moderate	p < 0.001
2023-2024	Wins (%)	12.51 (7.06, 17.97)	0.65 (0.37, 0.95) – moderate	p < 0.001
	Draws (%)	-0.03 (-3.06, 3.01)	-0.00 (-0.29, 0.28) – unclear	p = 0.986
	Losses (%)	-12.49 (-17.31, -7.67)	-0.73 (-1.04, -0.45) – moderate	p < 0.001

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
 Negative values favor away matches.

Table S3. Mean \pm SD of the percentage of wins, draws and losses of the Premier League, according to the match location (home vs away) for each season (n = 40 per season [20 teams per season])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	47.63 \pm 21.15	18.68 \pm 10.03	33.68 \pm 19.80	33.68 \pm 18.74	18.68 \pm 9.43	47.63 \pm 18.66
2019-2020	45.26 \pm 18.81	24.21 \pm 10.58	30.53 \pm 15.98	30.53 \pm 16.96	24.21 \pm 12.00	45.26 \pm 16.77
2020-2021	37.89 \pm 14.45	21.84 \pm 9.70	40.26 \pm 13.04	40.26 \pm 18.25	21.84 \pm 10.28	37.89 \pm 20.10
2021-2022	42.89 \pm 19.64	23.16 \pm 10.99	33.95 \pm 18.82	33.95 \pm 18.74	23.16 \pm 10.02	42.89 \pm 17.85
2022-2023	48.42 \pm 20.18	22.89 \pm 10.14	28.68 \pm 17.12	28.68 \pm 15.51	22.89 \pm 10.14	48.42 \pm 17.13
2023-2024	46.05 \pm 20.97	21.58 \pm 9.49	32.37 \pm 18.96	32.37 \pm 17.01	21.58 \pm 8.35	46.05 \pm 17.15

Table S4. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season for the Premier League (n = 40 per season [20 teams per season])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	13.95 (1.16, 26.74)	0.68 (0.06, 1.38) – moderate	p = 0.033
	Draws (%)	0.00 (–6.23, 6.23)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	–13.95 (–26.26, –1.63)	–0.71 (–1.41, –0.09) – moderate	p = 0.028
2019-2020	Wins (%)	14.74 (3.26, 26.20)	0.81 (0.19, 1.52) – moderate	p = 0.013
	Draws (%)	0.00 (–7.24, 7.24)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	–14.74 (–25.22, –4.25)	–0.88 (–1.61, –0.26) – moderate	p = 0.007
2020-2021	Wins (%)	–2.37 (–12.91, 8.17)	–0.14 (–0.79, 0.49) – unclear	p = 0.652
	Draws (%)	0.00 (–6.40, 6.40)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	2.37 (–8.48, 13.21)	0.14 (–0.50, 0.79) – unclear	p = 0.661
2021-2022	Wins (%)	8.95 (–3.34, 21.24)	0.46 (–0.17, 1.13) – unclear	p = 0.149
	Draws (%)	0.00 (–6.73, 6.73)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	–8.95 (–20.69, 2.79)	–0.48 (–1.16, 0.14) – unclear	p = 0.131
2022-2023	Wins (%)	19.74 (8.22, 31.26)	1.08 (0.45, 1.83) – moderate	p = 0.001
	Draws (%)	0.00 (–6.49, 6.49)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	–19.74 (–30.70, –8.78)	–1.13 (–1.89, –0.50) – moderate	p < 0.001
2023-2024	Wins (%)	13.68 (1.46, 25.91)	0.70 (0.08, 1.40) – moderate	p = 0.029
	Draws (%)	0.00 (–5.72, 5.72)	0.00 (–0.64, 0.64) – unclear	p = 1.00
	Losses (%)	–13.68 (–25.26, –2.11)	–0.74 (–1.45, –0.12) – moderate	p = 0.022

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
Negative values favor away matches.

Table S5. Mean \pm SD of the percentage of wins, draws and losses of La Liga, according to the match location (home vs away) for each season (n = 40 per season [20 teams per season])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	44.21 \pm 18.10	28.95 \pm 12.13	26.84 \pm 13.11	26.84 \pm 12.06	28.95 \pm 10.87	44.21 \pm 14.63
2019-2020	45.79 \pm 17.34	27.63 \pm 10.37	26.58 \pm 15.22	26.58 \pm 15.03	27.63 \pm 11.44	45.79 \pm 17.51
2020-2021	41.58 \pm 18.38	28.68 \pm 10.17	29.74 \pm 11.99	29.74 \pm 18.33	28.68 \pm 8.45	41.58 \pm 16.90
2021-2022	43.42 \pm 14.78	29.21 \pm 9.43	27.37 \pm 11.28	27.37 \pm 19.89	29.21 \pm 9.43	43.42 \pm 19.23
2022-2023	47.89 \pm 15.64	23.42 \pm 7.91	28.68 \pm 12.01	28.68 \pm 17.54	23.42 \pm 8.95	47.89 \pm 14.17
2023-2024	43.95 \pm 22.67	28.16 \pm 11.86	27.89 \pm 14.40	27.89 \pm 18.16	28.16 \pm 8.06	43.95 \pm 18 \pm 73

Table S6. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season for La Liga (n = 40 per season [20 teams per season])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	17.37 (7.52, 27.22)	1.11 (0.48, 1.86) – moderate	p < 0.001
	Draws (%)	0.00 (-7.37, 7.37)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-17.37 (-26.26, -8.48)	-1.23 (-2.00, -0.60) – large	p < 0.001
2019-2020	Wins (%)	19.21 (8.82, 29.60)	1.16 (0.53, 1.92) – moderate	p < 0.001
	Draws (%)	0.00 (-6.99, 6.99)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-19.21 (-29.71, -8.71)	-1.15 (-1.91, -0.52) – moderate	p < 0.001
2020-2021	Wins (%)	11.84 (0.09, 23.59)	0.63 (0.01, 1.33) – moderate	p = 0.048
	Draws (%)	0.00 (-5.98, 5.98)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-11.84 (-21.22, -2.46)	-0.79 (-1.51, -0.17) – moderate	p = 0.015
2021-2022	Wins (%)	16.05 (6.02, 26.09)	1.00 (0.38, 1.74) – moderate	p = 0.002
	Draws (%)	0.00 (-6.69, 6.69)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-16.05 (-26.15, -5.96)	-1.00 (-1.74, -0.37) – moderate	p = 0.003
2022-2023	Wins (%)	19.21 (8.57, 29.85)	1.13 (0.51, 1.89) – moderate	p < 0.001
	Draws (%)	0.00 (-5.41, 5.41)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-19.21 (-27.62, -10.80)	-1.43 (-2.24, -0.79) – large	p < 0.001
2023-2024	Wins (%)	16.05 (2.90, 29.20)	0.77 (0.15, 1.48) – moderate	p = 0.018
	Draws (%)	0.00 (-5.72, 5.72)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-16.05 (-26.75, -5.36)	-0.94 (-1.67, -0.32) – moderate	p = 0.004

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
 Negative values favor away matches.

Table S7. Mean \pm SD of the percentage of wins, draws and losses of Serie A, according to the match location (home vs away) for each season (n = 40 per season [20 teams per season])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	43.68 \pm 20.14	28.42 \pm 11.25	27.89 \pm 14.99	27.89 \pm 18.08	28.42 \pm 13.16	43.68 \pm 16.21
2019-2020	41.58 \pm 18.78	22.37 \pm 10.08	36.05 \pm 17.18	36.05 \pm 16.40	22.37 \pm 11.31	41.58 \pm 18.62
2020-2021	40.79 \pm 22.77	25.53 \pm 11.62	33.68 \pm 17.11	33.68 \pm 20.80	25.53 \pm 10.00	40.79 \pm 17.90
2021-2022	38.95 \pm 18.89	25.79 \pm 9.18	35.26 \pm 15.47	35.26 \pm 19.02	25.79 \pm 8.69	38.95 \pm 17.78
2022-2023	42.37 \pm 19.88	26.32 \pm 12.66	31.32 \pm 14.23	31.32 \pm 19.05	26.32 \pm 10.25	42.37 \pm 14.74
2023-2024	41.84 \pm 19.58	29.47 \pm 10.44	28.68 \pm 16.15	28.68 \pm 18.03	29.47 \pm 9.10	41.84 \pm 16.95

Table S8. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season for Serie A (n = 40 per season [20 teams per season])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	15.79 (3.54, 28.04)	0.81 (0.19, 1.15) – moderate	p = 0.013
	Draws (%)	0.00 (-7.84, 7.84)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-15.79 (-25.78, -5.79)	-0.99 (-1.73, -0.37) – moderate	p = 0.003
2019-2020	Wins (%)	5.53 (-5.76, 16.81)	0.31 (-0.32, 0.97) – unclear	p = 0.328
	Draws (%)	0.00 (-6.86, 6.86)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-5.53 (-17.00, 5.94)	-0.30 (-0.96, 0.32) – unclear	p = 0.336
2020-2021	Wins (%)	7.11 (-6.86, 21.07)	0.32 (-0.31, 0.98) – unclear	p = 0.309
	Draws (%)	0.00 (-6.94, 6.94)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-7.11 (-18.31, 4.10)	-0.40 (-1.07, 0.23) – unclear	p = 0.207
2021-2022	Wins (%)	3.68 (-8.45, 15.82)	0.19 (-0.44, 0.84) – unclear	p = 0.543
	Draws (%)	0.00 (-5.72, 5.72)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-3.68 (-14.35, 6.98)	-0.22 (-0.87, 0.41) – unclear	p = 0.489
2022-2023	Wins (%)	11.05 (-1.41, 23.52)	0.56 (-0.06, 1.24) – unclear	p = 0.081
	Draws (%)	0.00 (-7.37, 7.37)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-11.05 (-20.33, -1.78)	-0.75 (-1.46, -0.13) – moderate	p = 0.021
2023-2024	Wins (%)	13.16 (1.11, 25.21)	0.69 (0.07, 1.39) – moderate	p = 0.033
	Draws (%)	0.00 (-6.27, 6.27)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-13.16 (-23.75, -2.56)	-0.78 (-1.49, -0.16) – moderate	p = 0.016

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
 Negative values favor away matches.

Table S9. Mean \pm SD of the percentage of wins, draws and losses of the Bundesliga, according to the match location (home vs away) for each season (n = 36 per season [18 teams per season])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	45.10 \pm 16.76	23.86 \pm 11.85	31.05 \pm 16.98	31.05 \pm 19.33	23.86 \pm 8.43	45.10 \pm 19.67
2019-2020	40.20 \pm 18.52	22.22 \pm 12.03	37.58 \pm 18.62	37.58 \pm 18.83	22.22 \pm 10.00	40.20 \pm 17.03
2020-2021	42.16 \pm 17.85	26.47 \pm 9.30	31.37 \pm 19.67	31.37 \pm 14.96	26.47 \pm 9.30	42.16 \pm 13.27
2021-2022	46.73 \pm 17.99	23.86 \pm 12.68	29.41 \pm 11.59	29.41 \pm 16.52	23.86 \pm 8.90	46.73 \pm 17.76
2022-2023	47.39 \pm 16.94	24.51 \pm 10.14	28.10 \pm 15.96	28.10 \pm 15.17	24.51 \pm 9.08	47.39 \pm 14.19
2023-2024	43.81 \pm 20.80	26.31 \pm 11.42	29.88 \pm 18.38	29.81 \pm 21.30	26.40 \pm 13.51	43.79 \pm 16.62

Table S10. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season for the Bundesliga (n = 36 per season [18 teams per season])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	14.05 (1.80, 26.31)	0.76 (0.11, 1.51) – moderate	p = 0.026
	Draws (%)	0.00 (-6.97, 6.97)	0.00 (-0.68, 0.68) – unclear	p = 1.00
	Losses (%)	-14.05 (-26.50, -1.61)	-0.75 (-1.50, -0.09) – moderate	p = 0.028
2019-2020	Wins (%)	2.61 (-10.04, 15.27)	0.14 (-0.53, 0.82) – unclear	p = 0.677
	Draws (%)	0.00 (-7.49, 7.49)	0.00 (-0.68, 0.68) – unclear	p = 1.00
	Losses (%)	-2.61 (-14.70, 9.47)	-0.14 (-0.83, 0.53) – unclear	p = 0.663
2020-2021	Wins (%)	10.78 (-0.37, 21.94)	0.64 (-0.01, 1.38) – unclear	p = 0.058
	Draws (%)	-0.00 (-6.30, 6.30)	-0.00 (-0.68, 0.68) – unclear	p = 1.00
	Losses (%)	-10.78 (-22.15, 0.58)	-0.63 (-1.37, 0.02) – unclear	p = 0.062
2021-2022	Wins (%)	17.32 (5.62, 29.02)	0.98 (0.33, 1.77) – moderate	p = 0.005
	Draws (%)	0.00 (-7.42, 7.42)	0.00 (-0.68, 0.68) – unclear	p = 1.00
	Losses (%)	-17.32 (-27.48, -7.16)	-1.13 (-1.94, -0.47) – moderate	p = 0.001
2022-2023	Wins (%)	19.28 (8.39, 30.17)	1.17 (0.51, 1.99) – moderate	p = 0.001
	Draws (%)	0.00 (-6.52, 6.52)	0.00 (-0.68, 0.68) – unclear	p = 1.00
	Losses (%)	-19.28 (-29.51, -9.05)	-1.25 (-2.08, -0.58) – large	p < 0.001
2023-2024	Wins (%)	14.00 (-0.26, 28.26)	0.65 (-0.00, 1.39) – unclear	p = 0.054
	Draws (%)	-0.09 (-8.56, 8.38)	-0.01 (-0.68, 0.67) – unclear	p = 0.983
	Losses (%)	-13.91 (-25.78, -2.04)	-0.78 (-1.53, -0.12) – moderate	p = 0.023

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
 Negative values favor away matches.

Table S11. Mean \pm SD of the percentage of wins, draws and losses of Ligue 1, according to the match location (home vs away) for each season (n = 40 per season, except 2023-2024, where n = 38 [20 teams per season, except 2023-2024 with 18 teams])

	Home			Away		
	Win (%)	Draw (%)	Loss (%)	Win (%)	Draw (%)	Loss (%)
2018-2019	43.16 \pm 19.21	28.95 \pm 11.00	27.89 \pm 13.46	27.89 \pm 13.35	28.95 \pm 9.43	43.16 \pm 13.40
2019-2020	47.74 \pm 17.22	25.12 \pm 13.81	27.15 \pm 15.96	27.07 \pm 18.63	24.99 \pm 11.06	47.94 \pm 16.69
2020-2021	37.37 \pm 17.24	25.00 \pm 9.94	37.63 \pm 14.42	37.63 \pm 17.27	25.00 \pm 9.94	37.37 \pm 17.41
2021-2022	42.63 \pm 19.31	26.84 \pm 9.49	30.53 \pm 14.35	30.53 \pm 14.55	26.84 \pm 8.69	42.63 \pm 12.77
2022-2023	42.89 \pm 21.41	24.21 \pm 13.7	32.89 \pm 15.07	32.89 \pm 17.74	24.21 \pm 11.51	42.89 \pm 19.42
2023-2024	39.18 \pm 16.68	26.56 \pm 10.85	34.26 \pm 18.38	34.10 \pm 18.06	26.62 \pm 11.52	39.29 \pm 15.05

Table S12. Independent mean differences (95% CI) of match outcomes, according to the match location (home vs away) and per season for Ligue 1 (n = 40 per season, except 2023-2024, where n = 38 [20 teams per season, except 2023-2024 with 18 teams])

		IMD (95% CI)	Cohen's ES (95% CI)	p-value
2018-2019	Wins (%)	15.26 (4.67, 25.85)	0.90 (0.28, 1.63) – moderate	p = 0.006
	Draws (%)	0.00 (-6.56, 6.56)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-15.26 (-23.86, -6.67)	-1.11 (-1.87, -0.49) – moderate	p < 0.001
2019-2020	Wins (%)	20.66 (9.18, 32.15)	1.13 (0.50, 1.89) – moderate	p < 0.001
	Draws (%)	0.13 (-7.88, 8.13)	0.01(-0.63, 0.65) – unclear	p = 0.975
	Losses (%)	-20.79 (-31.24, -10.33)	-1.25 (-2.02, -0.62) – large	p < 0.001
2020-2021	Wins (%)	-0.26 (-11.31, 10.78)	-0.01 (-0.66, 0.62) – unclear	p = 0.962
	Draws (%)	0.00 (-6.36, 6.36)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	0.26 (-9.97, 10.49)	0.02 (-0.62, 0.66) – unclear	p = 0.959
2021-2022	Wins (%)	12.11 (1.16, 23.05)	0.69 (0.07, 1.40) – moderate	p = 0.031
	Draws (%)	0.00 (-5.83, 5.83)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-12.11 (-20.80, -3.41)	-0.87 (-1.60, -0.25) – moderate	p = 0.008
2022-2023	Wins (%)	10.00 (-2.59, 22.59)	0.50 (-0.12, 1.18) – unclear	p = 0.116
	Draws (%)	0.00 (-8.10, 8.10)	0.00 (-0.64, 0.64) – unclear	p = 1.00
	Losses (%)	-10.00 (-21.13, 1.13)	-0.56 (-1.25, 0.06) – unclear	p = 0.077
2023-2024	Wins (%)	5.08 (-6.69, 16.86)	0.29 (-0.38, 0.99) – unclear	p = 0.386
	Draws (%)	-0.05 (-7.63, 7.53)	-0.00 (-0.68, 0.67) – unclear	p = 0.988
	Losses (%)	-5.03 (-16.41, -6.35)	-0.29 (-0.99, 0.37) – unclear	p = 0.375

Note: IMD – independent mean difference, CI – confidence interval, ES – effect size
Negative values favor away matches.

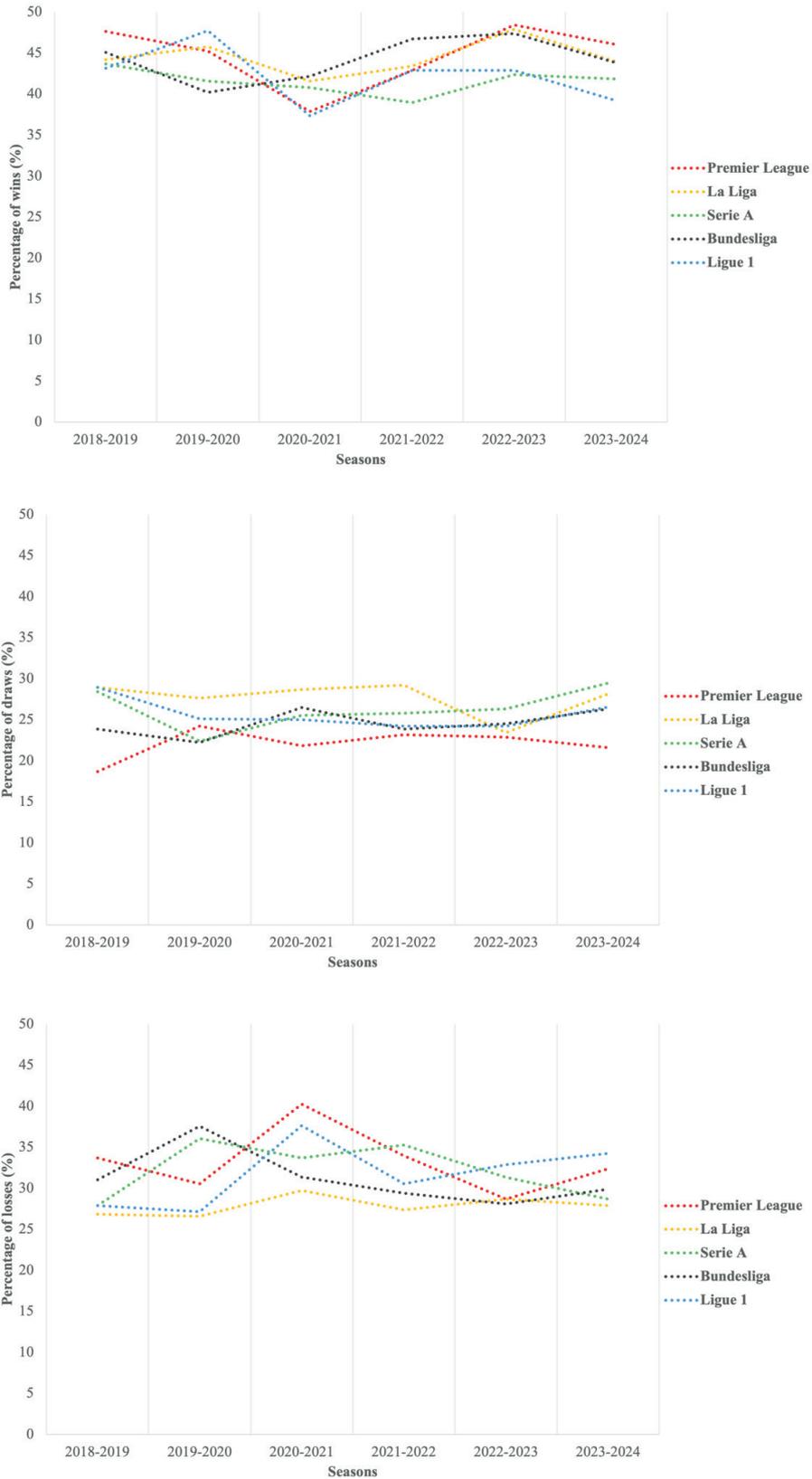


Figure S6. Percentage of wins, draws and losses for home matches, during different seasons, considering each league

HOME ADVANTAGE IN SOCCER: BEING INVINCIBLE DURING HOME MATCHES MAY BE THE REASON

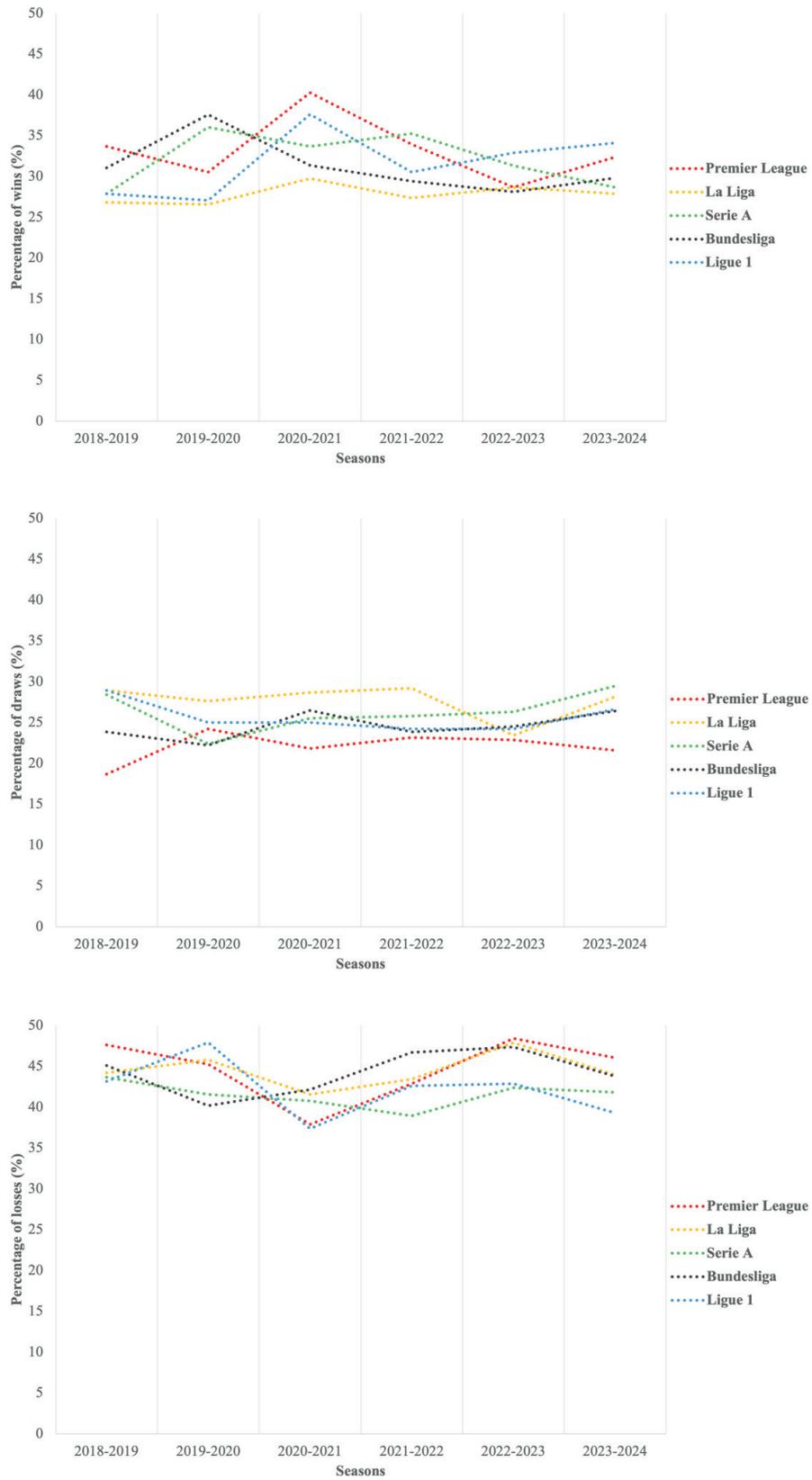


Figure S7. Percentage of wins, draws and losses for away matches, during different seasons, considering each league