

Figure 1: Heatmap representation of home advantage of european leagues for year 2018.

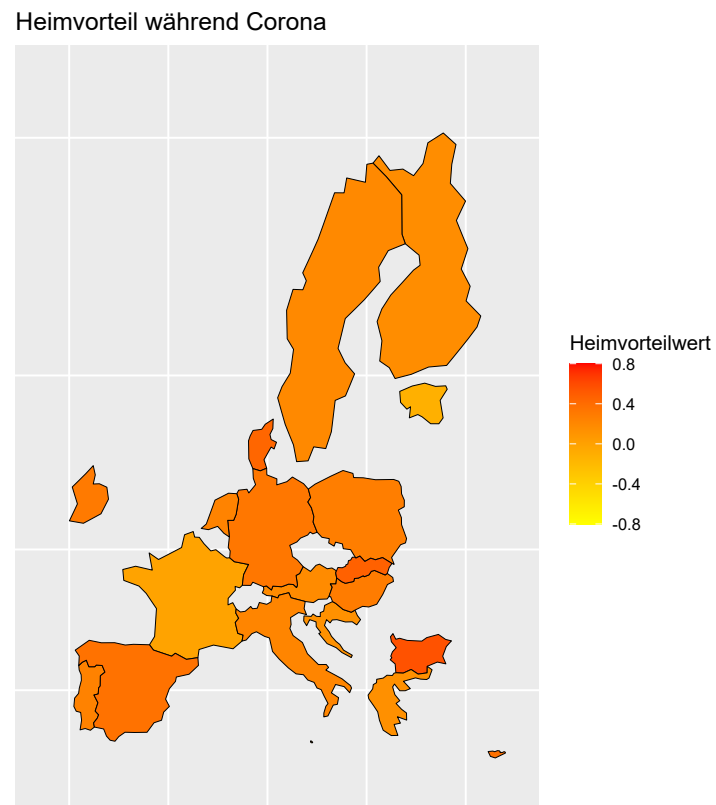


Figure 2: Heatmap representation of home advantage of european leagues for year 2020.

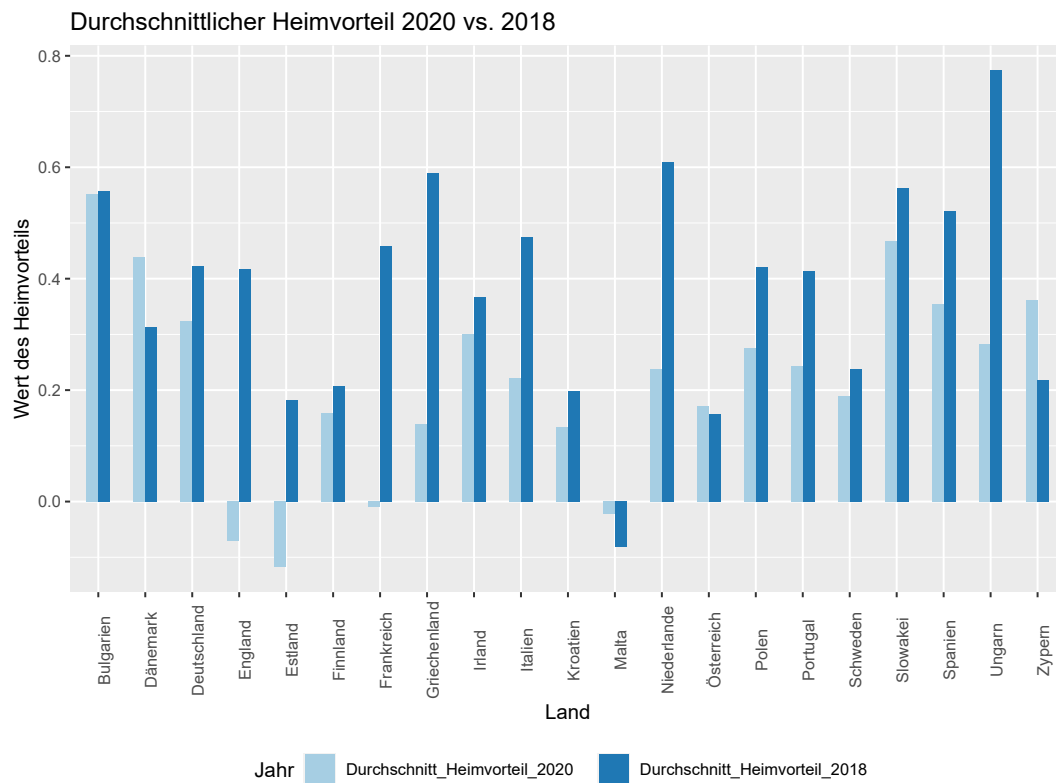


Figure 3: Barplots comparing home advantage values of european leagues for years 2020 and 2018.

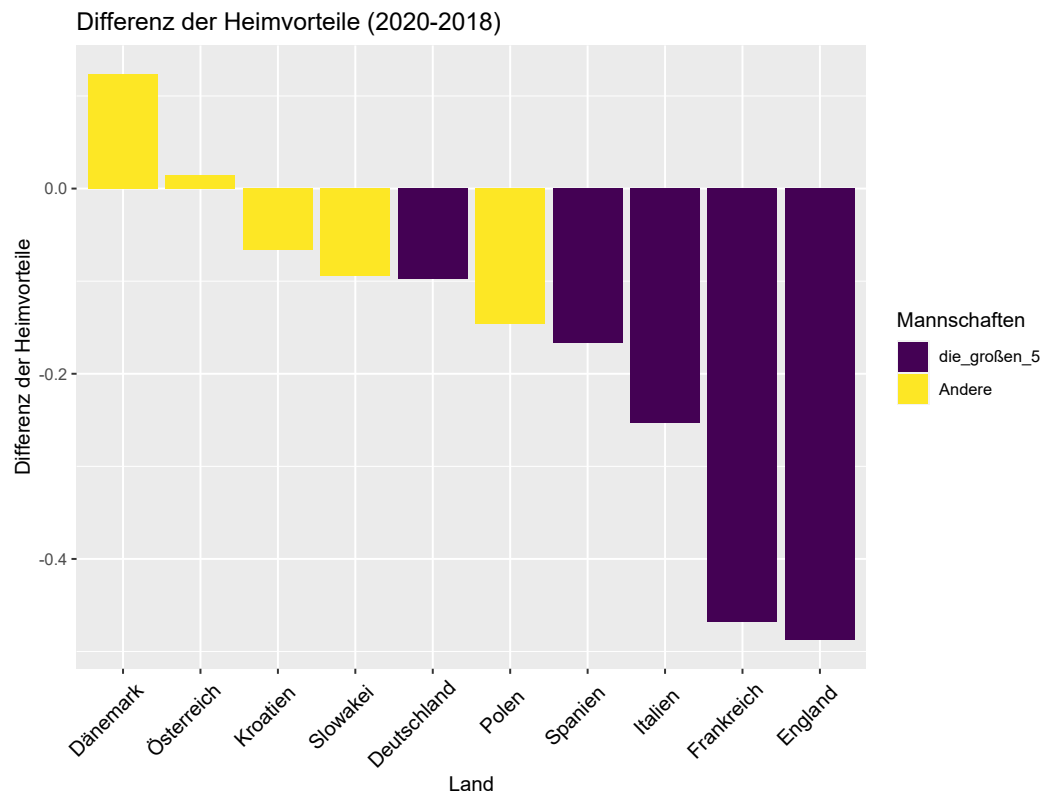


Figure 4: Barplots explaining the Home advantage difference of years 2020 and 2018 for Big 5 leagues and others.

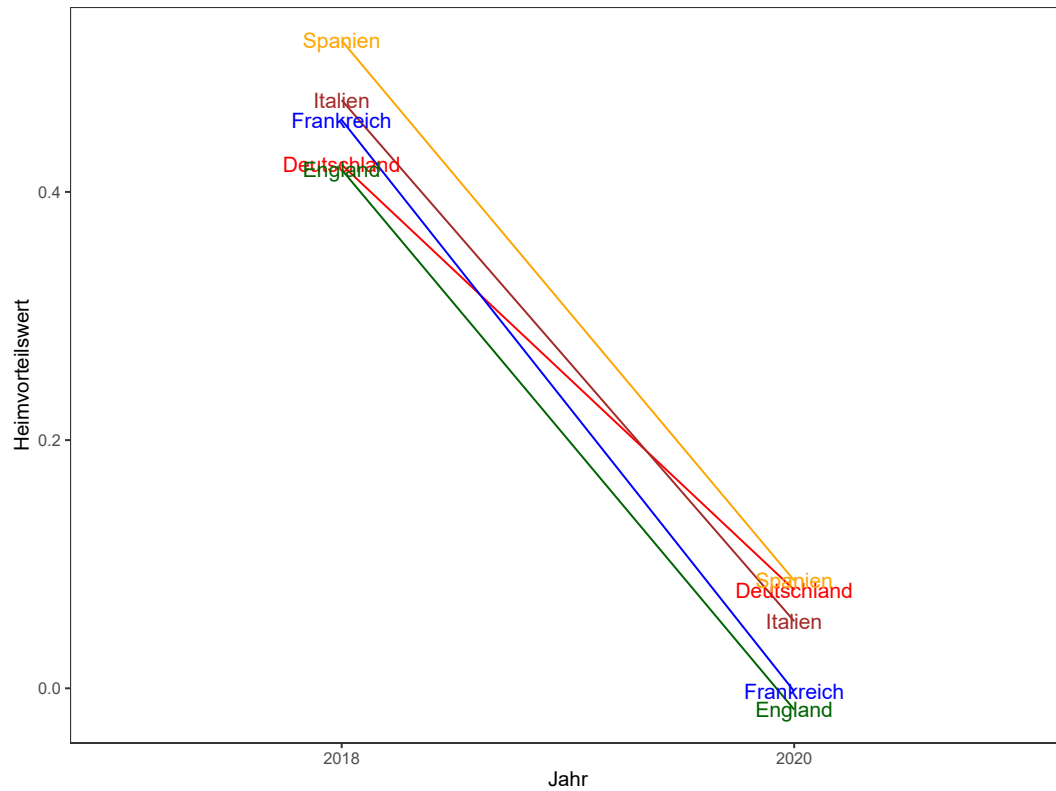


Figure 5: Graph explaining drop in home advantage value of big 5 leagues from year 2018 to 2020.

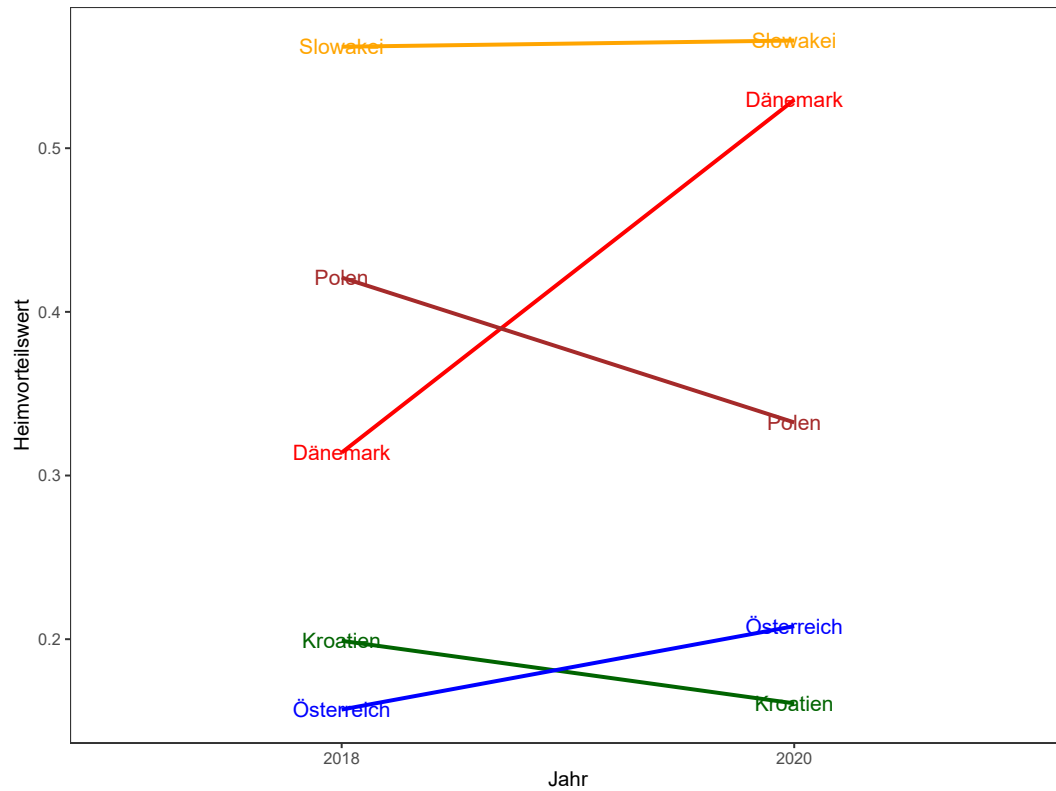


Figure 6: Graph explaining change in home advantage value from year 2020 to 2018 for other leagues

Land	Durchschnitt_Heimvorteil_2018
Österreich	0.157
Bulgarien	0.557
Kroatien	0.199
Zypern	0.218
Dänemark	0.314
Estland	0.182
Finnland	0.208
Frankreich	0.458
Deutschland	0.422
Griechenland	0.589
Ungarn	0.774
Irland	0.367
Italien	0.474
Malta	-0.081
Niederlande	0.609
Polen	0.421
Portugal	0.413
Slowakei	0.562
Spanien	0.522
Schweden	0.237
England	0.418

Figure 7: Tabular representation of home advantage values of european leagues for year 2018

Land	Durchschnitt_Heimvorteil_2020
Österreich	0.172
Bulgarien	0.552
Kroatien	0.133
Zypern	0.361
Dänemark	0.438
Estland	-0.118
Finnland	0.159
Frankreich	-0.010
Deutschland	0.324
Griechenland	0.139
Ungarn	0.283
Irland	0.300
Italien	0.221
Malta	-0.023
Niederlande	0.237
Polen	0.275
Portugal	0.243
Slowakei	0.468
Spanien	0.355
Schweden	0.189
England	-0.070

Figure 8: Tabular representation of home advantage values of european leagues for year 2020.

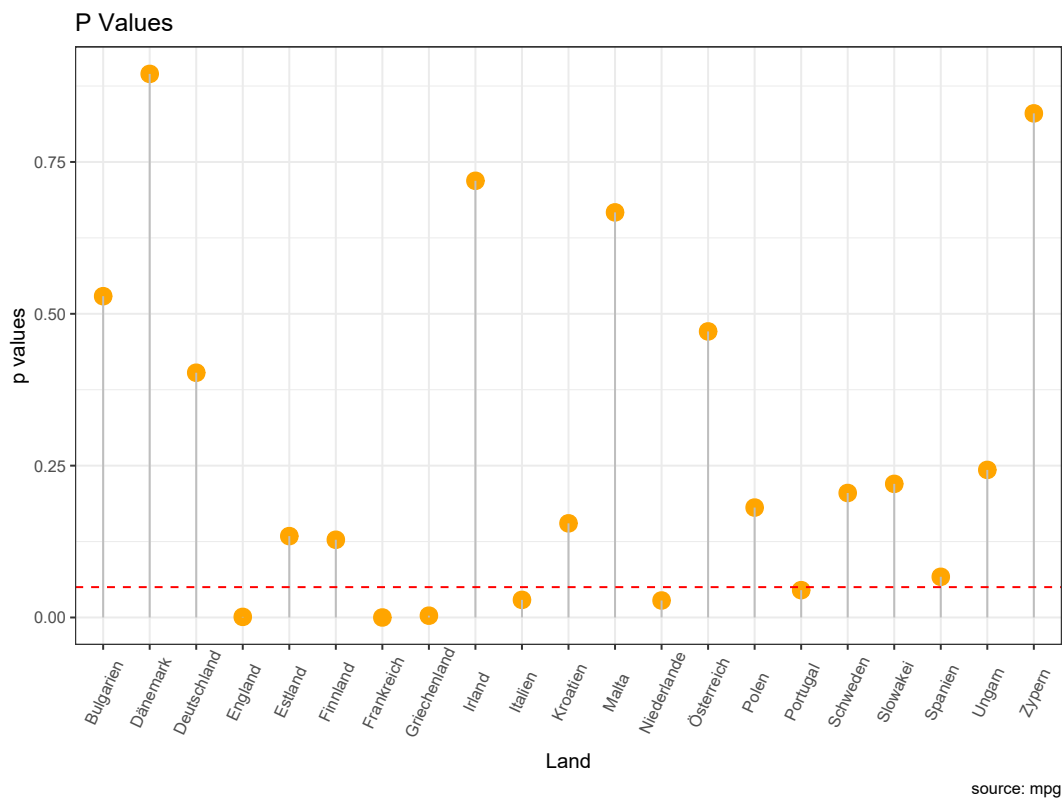


Figure 9: Representation of pvalues of european leagues.

Land	pValue
England	0.001
Schweden	0.205
Spanien	0.067
Slowakei	0.220
Portugal	0.045
Polen	0.181
Niederlande	0.028
Malta	0.667
Italien	0.029
Irland	0.719
Ungarn	0.243
Griechenland	0.003
Deutschland	0.403
Frankreich	0.000
Finnland	0.128
Estland	0.134
Dänemark	0.895
Zypern	0.830
Kroatien	0.155
Bulgarien	0.529
Österreich	0.471

Figure 10: Tabular representation of pvalues of european leagues .

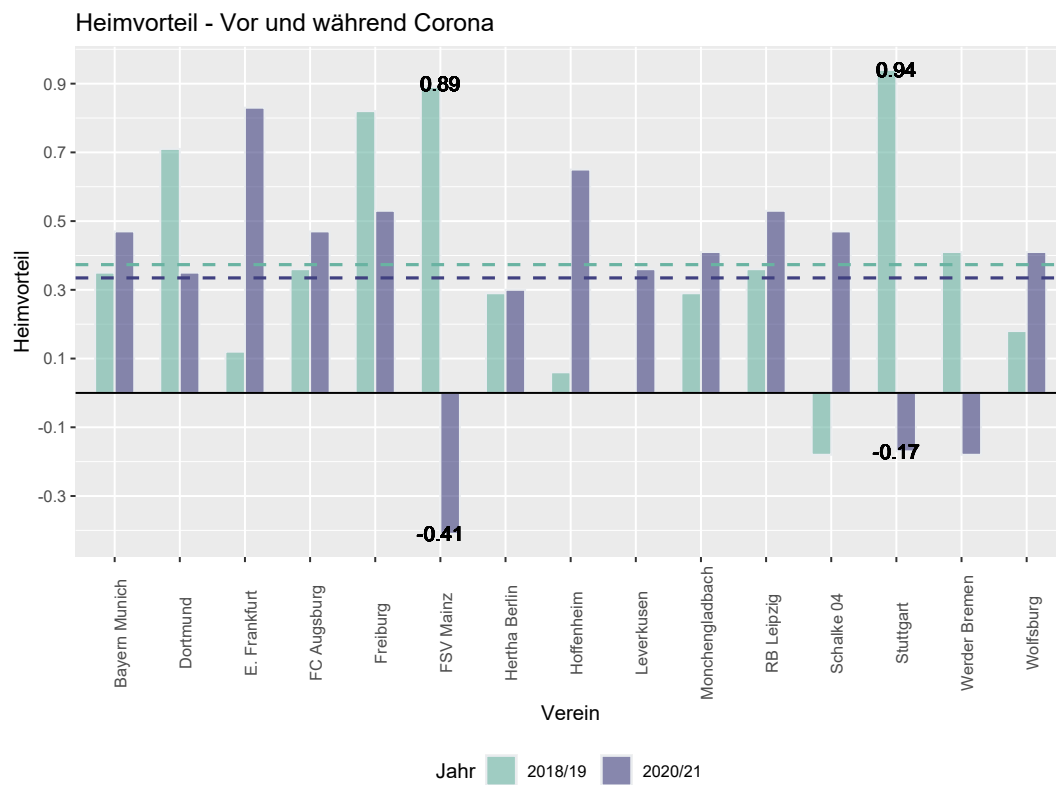


Figure 11: Comparing home advantage value of Germany clubs for years 2018 and 2020.

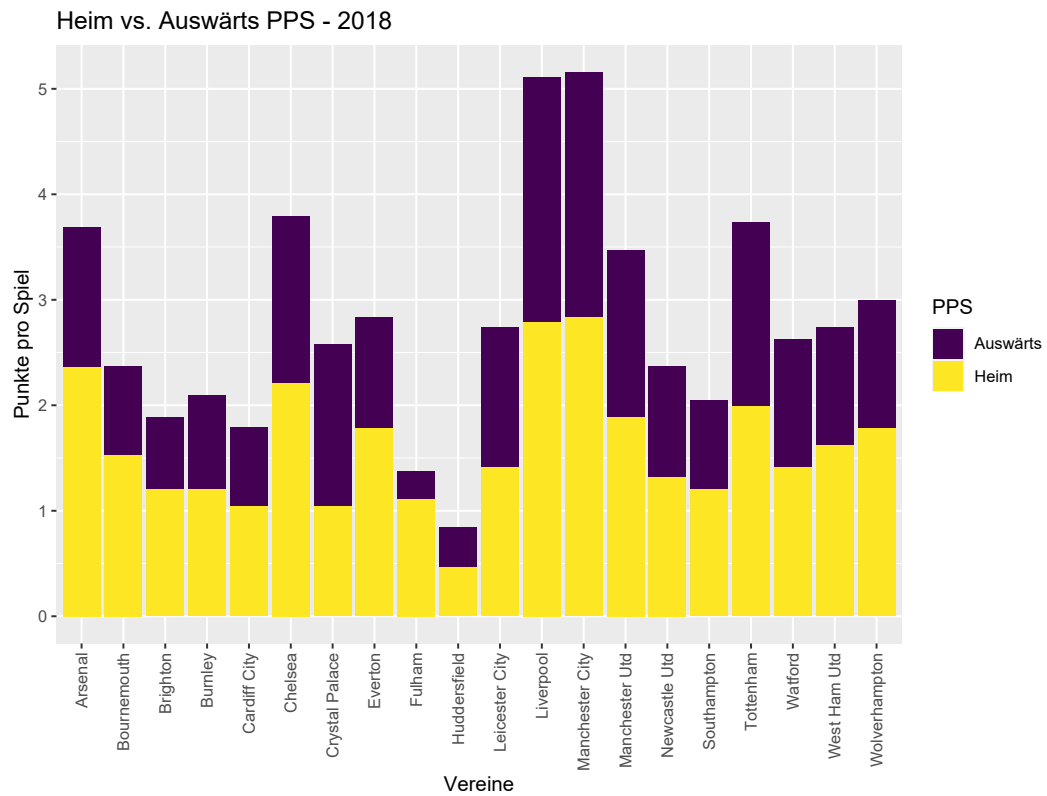


Figure 12: Comparing England league Home vs away points per game for year 2018.

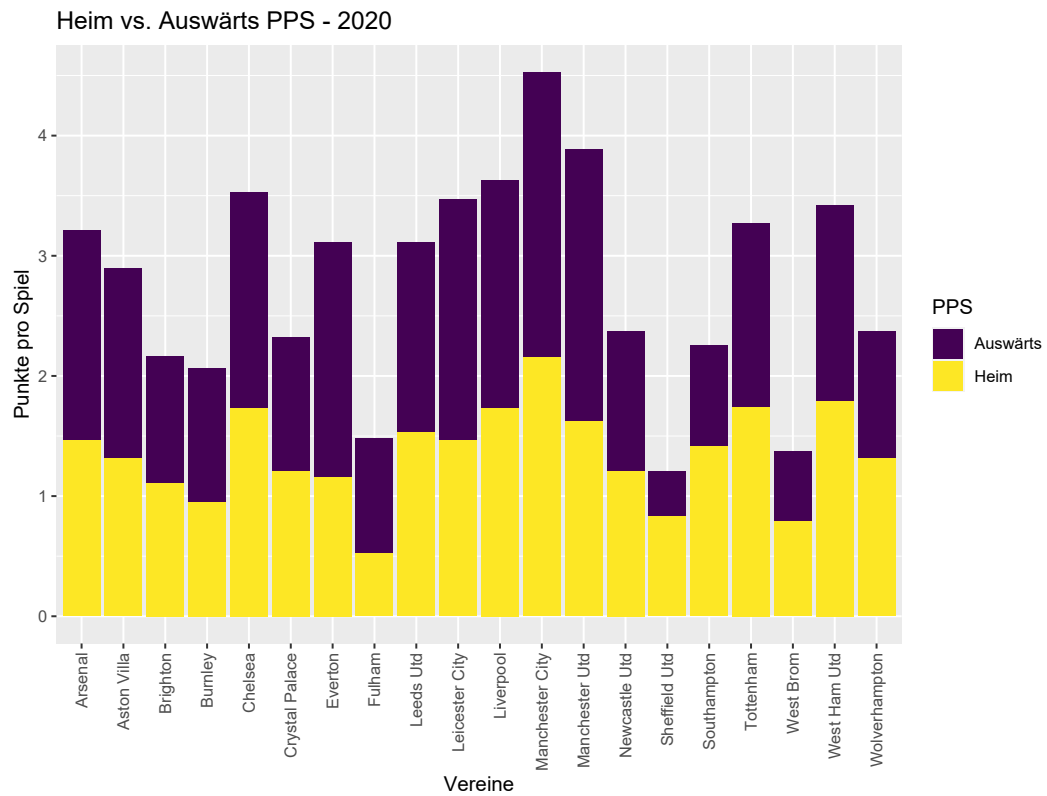


Figure 13: Comparing England league Home vs away points per game for year 2020.

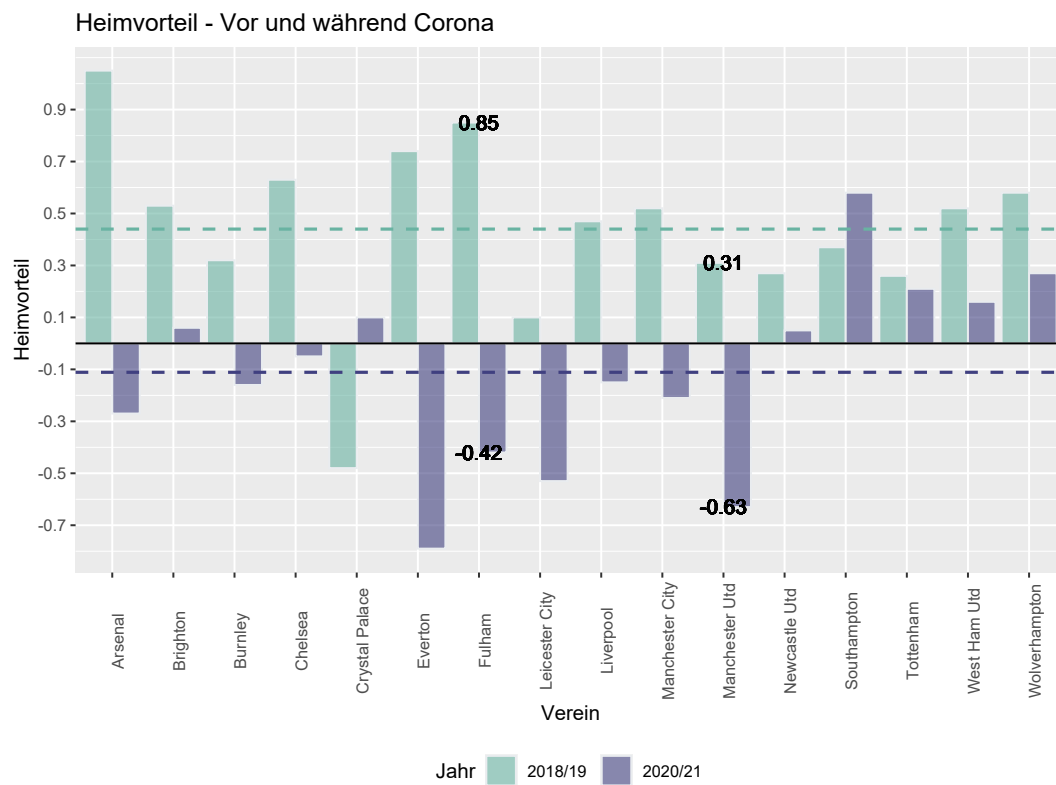


Figure 14: Comparing home advantage value of England clubs for years 2018 and 2020.

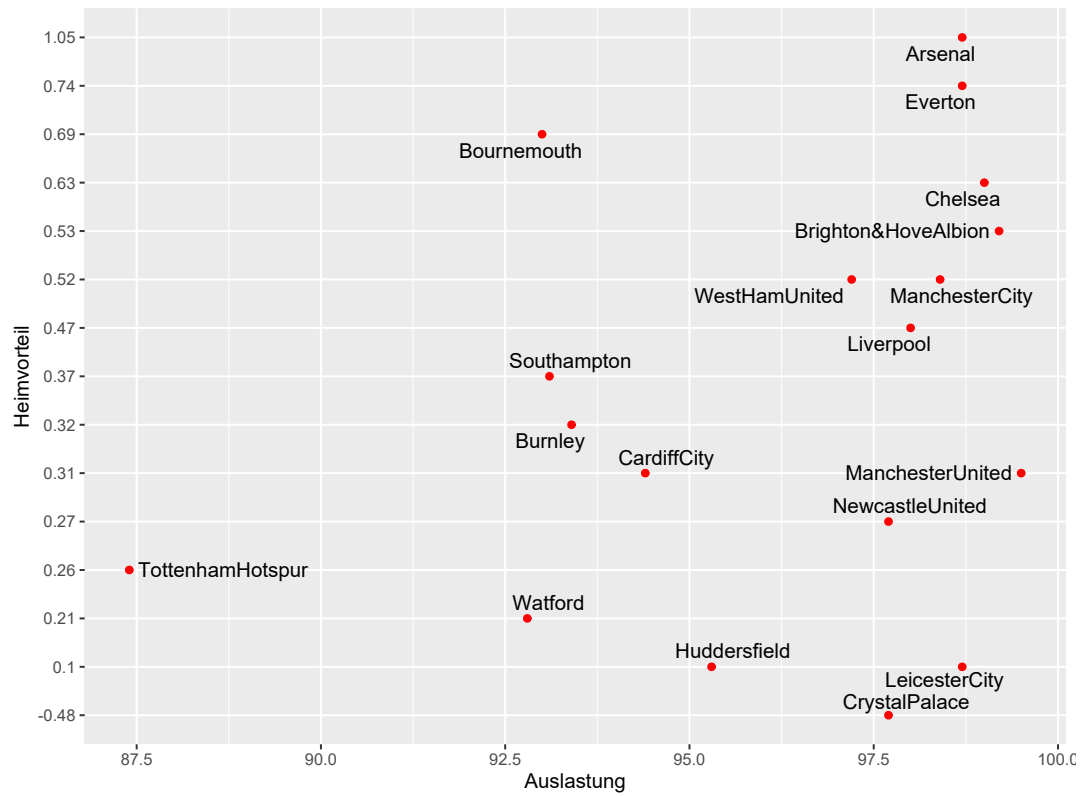


Figure 15: Graph explaining audience effect on england clubs for year 2018.

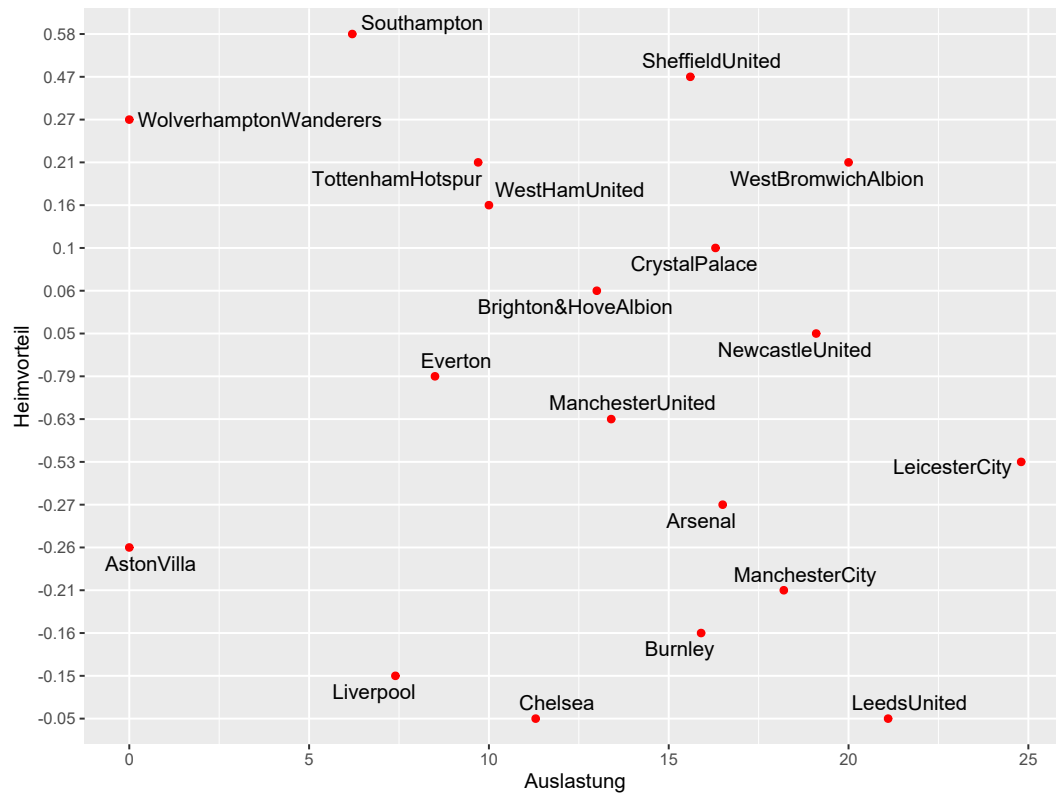


Figure 16: Graph explaining audience effect on england clubs for year 2020.

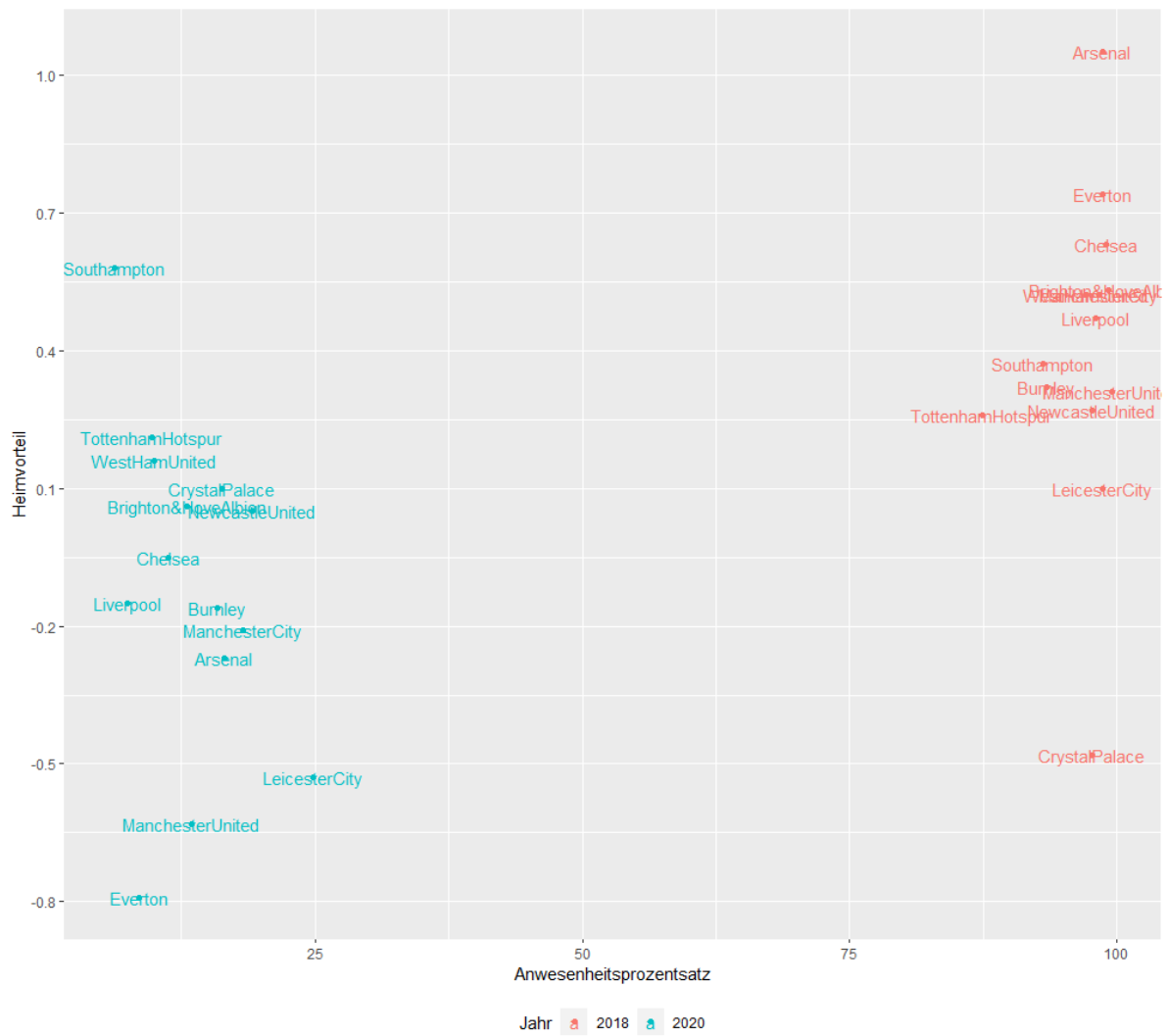


Figure 17: Graph representing audience effect on home advantage on England clubs for years 2018 and 2020.

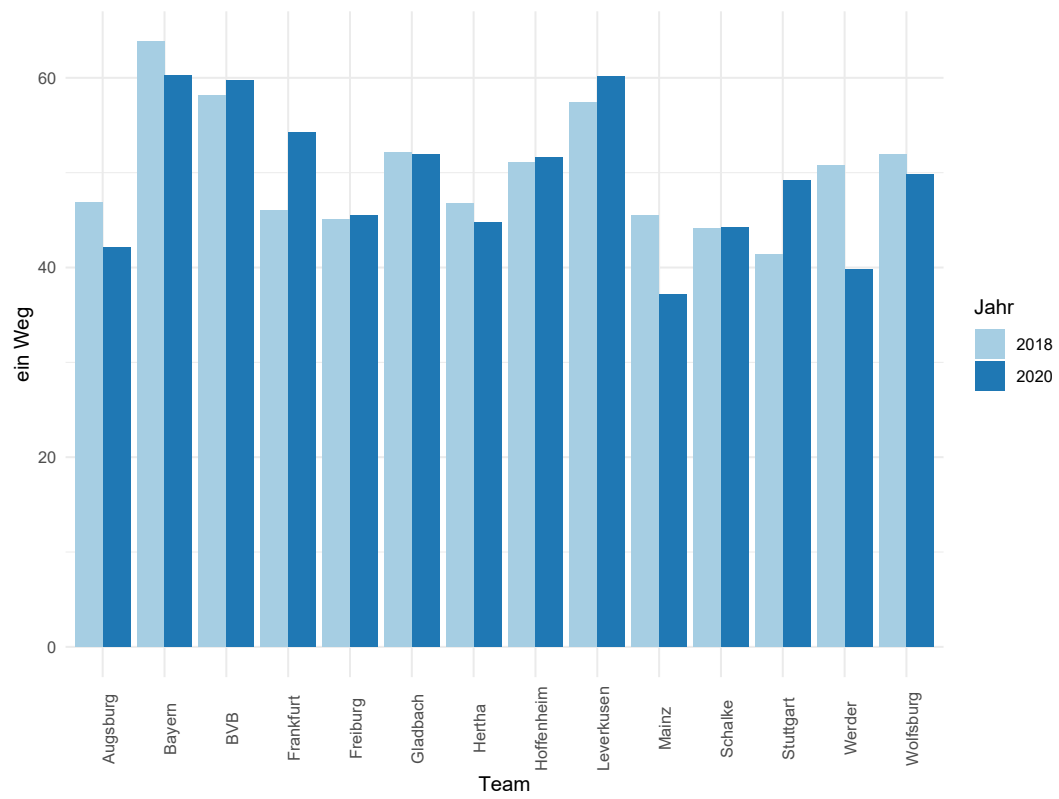


Figure 18: Graph explaining possession.

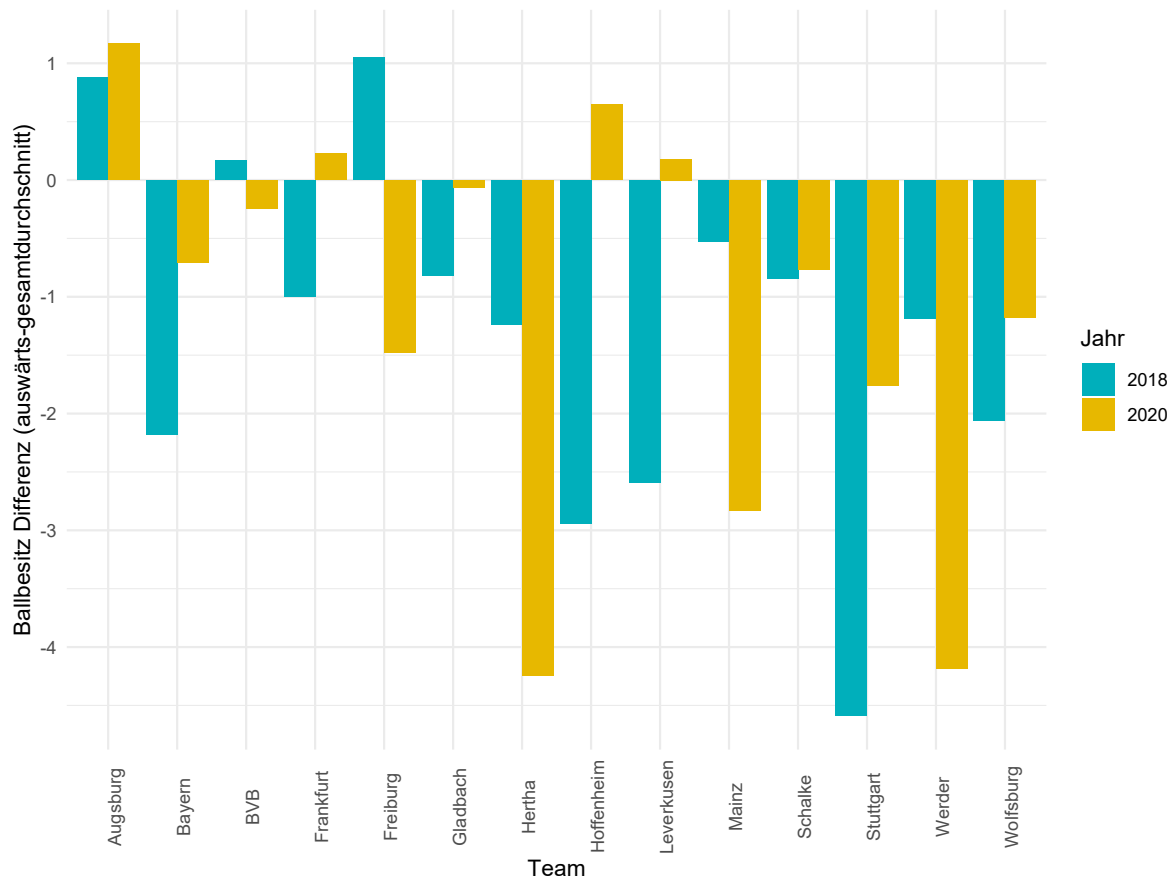


Figure 19: Graph explaining possession effect (away-average).

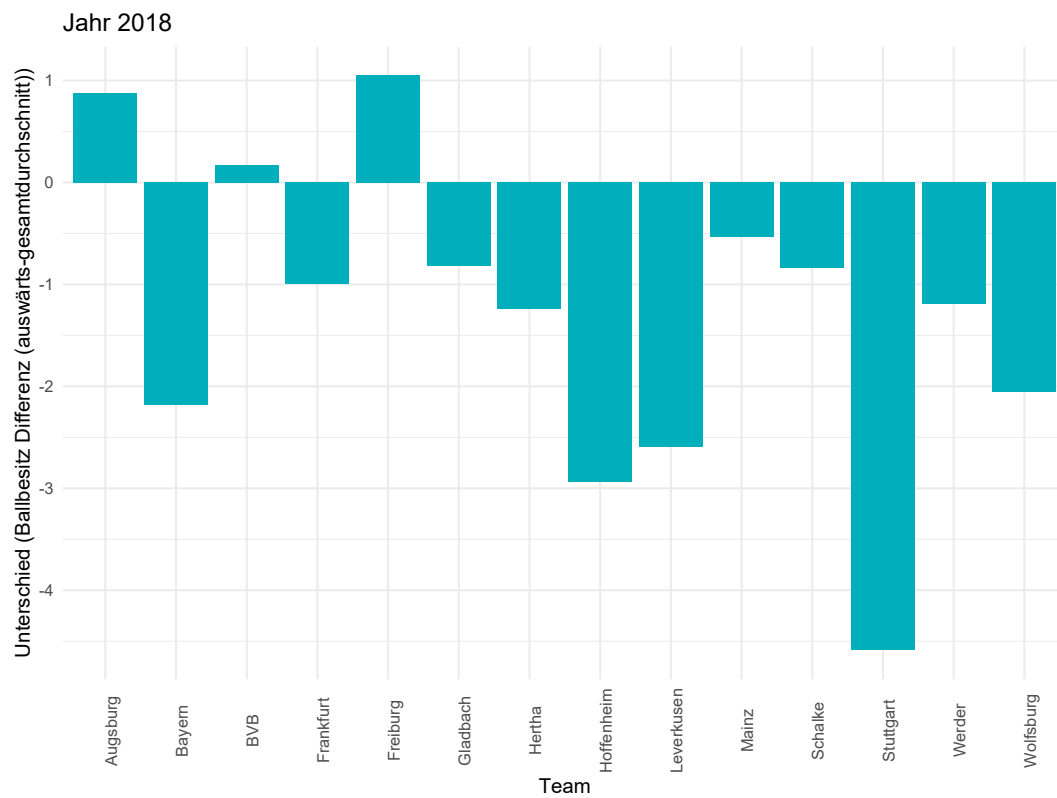


Figure 20: Graph explaining possession for year 2018 (away-average).

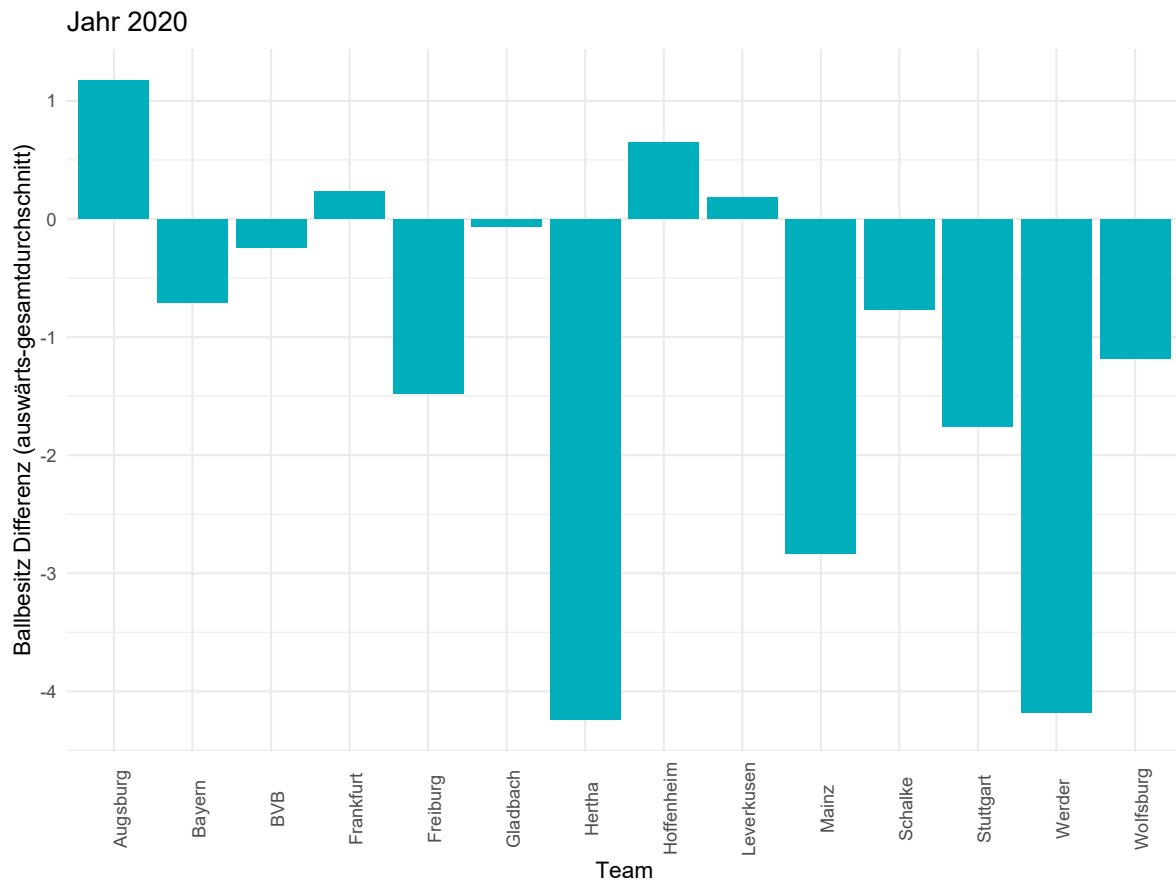


Figure 21: Graph explaining possession for year 2020 (away - average).