

2022 World Cup Analysis







Background

SERBIA: 6.908 MILLION

DENMARK: 5.831 MILLION

COSTA RICA: 5.094 MILLION
CROATIA: 4.047 MILLION
URUGUAY: 3.474 MILLION
WALES: 3.136 MILLION
GATAR: 2.881 MILLION

- Held every 4 years
- 32 total countries qualify
- Winner: Argentina
- Runner Up: France
- Third Place: Croatia



WORLD CUP 2022 TEAMS BY POPULATION BRAZIL: 212.6 MILLION MEXICO: 128.9 MILLION JAPAN: 125.8 MILLION IRAN: 83.99 MILLION **GERMANY: 83.24 MILLION** FRANCE: 67.39 MILLION ENGLAND: 55.98 MILLION SOUTH KOREA: 51.78 MILLION SPAIN: 47.35 MILLION ARGENTINA: 45.38 MILLION CANADA: 38.01 MILLION POLAND: 37.95 MILLION MOROCCO: 36.91 MILLION SAUDI ARABIA: 34.81 MILLION GHANA: 31.07 MILLION AUSTRALIA: 26.59 MILLION CAMEROON: 26.55 MILLION ECUADOR: 17.64 MILLION METHERLANDS: 17.44 MILLION SENEGAL: 16,74 MILLION TUNISIA: 11.82 MILLION BELGIUM: 11.56 MILLION PORTUGAL: 10.31 MILLION SWITZERLAND: 8.637 MILLION



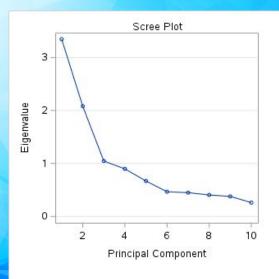
Summary Statistics

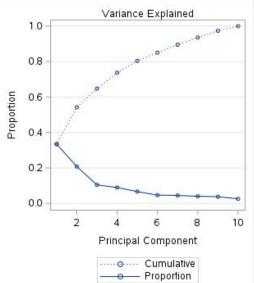
The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Gls	680	0.250	0.699	0.000	8.000
Ast	680	0.178	0.488	0.000	3.000
Shots	680	2.107	3.032	0.000	29.000
Successful dribbles	680	1.085	2.200	0.000	25.000
Crosses	680	3.201	5.563	0.000	40.000
Age	680	26.587	4.161	17.000	39.000
Tackles made	680	3.041	3.550	0.000	26.000
Blocks	680	2.109	2.373	0.000	13.000
Interceptions	680	1.569	2.082	0.000	14.000
Clearence	680	3.534	5.017	0.000	37.000



Principal Component Analysis





		Eigenvalue	Difference	Proportion	Cumulative
ľ	1	3.34707787	1.26623703	0.3347	0.3347
Ì	2	2.08084084	1.03480316	0.2081	0.5428
ľ	3	1.04603768	0.14824312	0.1046	0.6474





Principal Component Analysis

• PC1:

 Appears to be representing the average of the statistics of every player. We can see similar values between almost all categories.

PC2:

 Appears to be representing a comparison between defense vs offense metrics. We see similar values between each category.

PC3:

Prin3 appears to be based around age, as this variables principal component three value stands out compared to the others. We can interpret this PC as dealing with a player's experience

	Prin1	Prin2	Prin3
Gls	0.270142	402143	0.113846
Ast	0.321391	189834	0.144400
Shots	0.366982	378729	0.056503
Successful_dribbles	0.347927	296664	138654
Crosses	0.347910	142465	017343
Age	003990	0.031939	0.939967
Tackles_made	0.372440	0.321602	116618
Blocks	0.389655	0.277939	103234
Interceptions	0.326922	0.407826	0.005417
Clearence	0.222538	0.449981	0.188798
lui-			





