

## Appendix A Correlation maps: Accountancy.



Fig. 1: Correlation map before feature selection: AY 2018-2019. The highly correlated features are indicated by red rectangles.

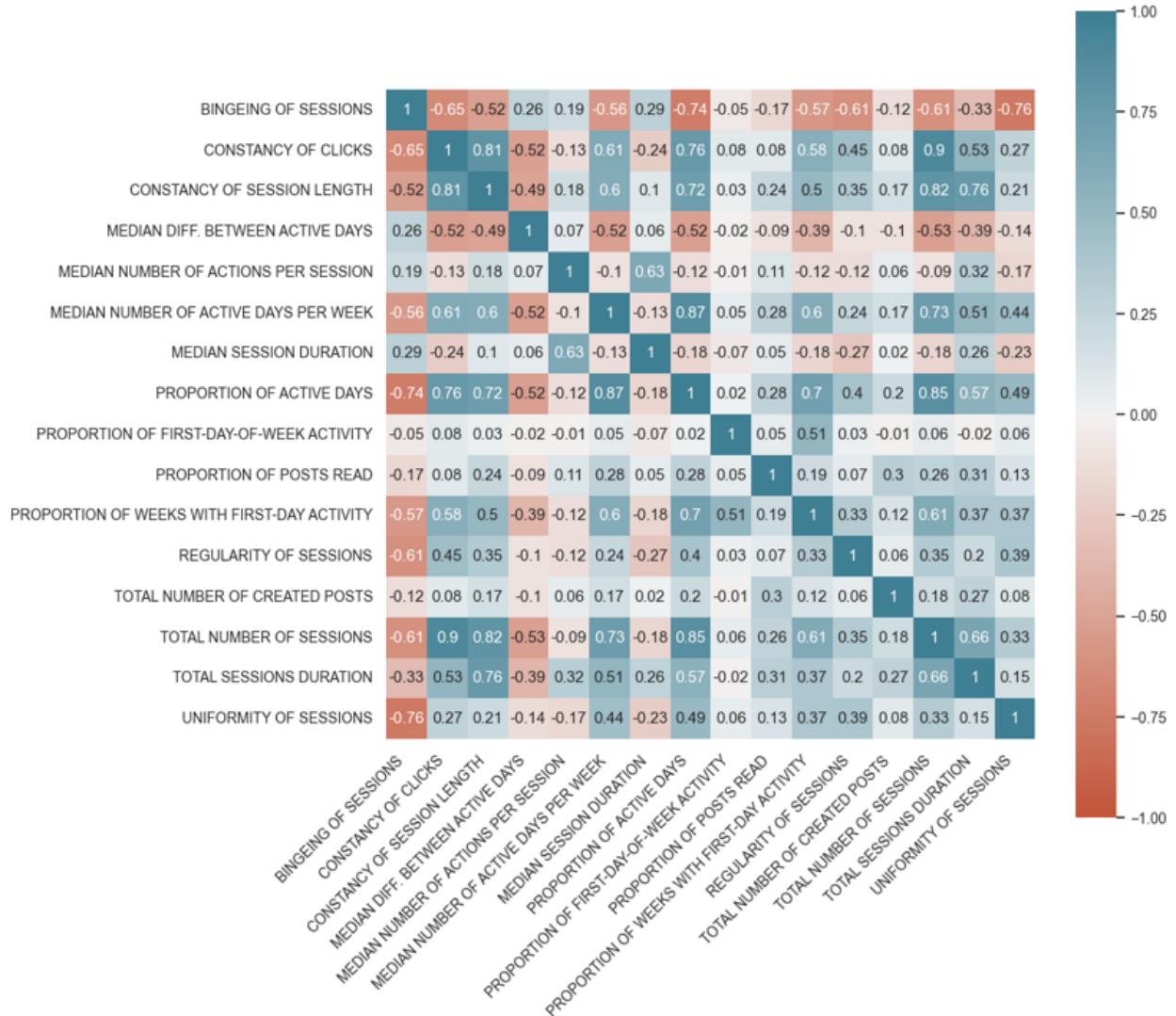


Fig. 2: Correlation map after feature selection: AY 2018-2019



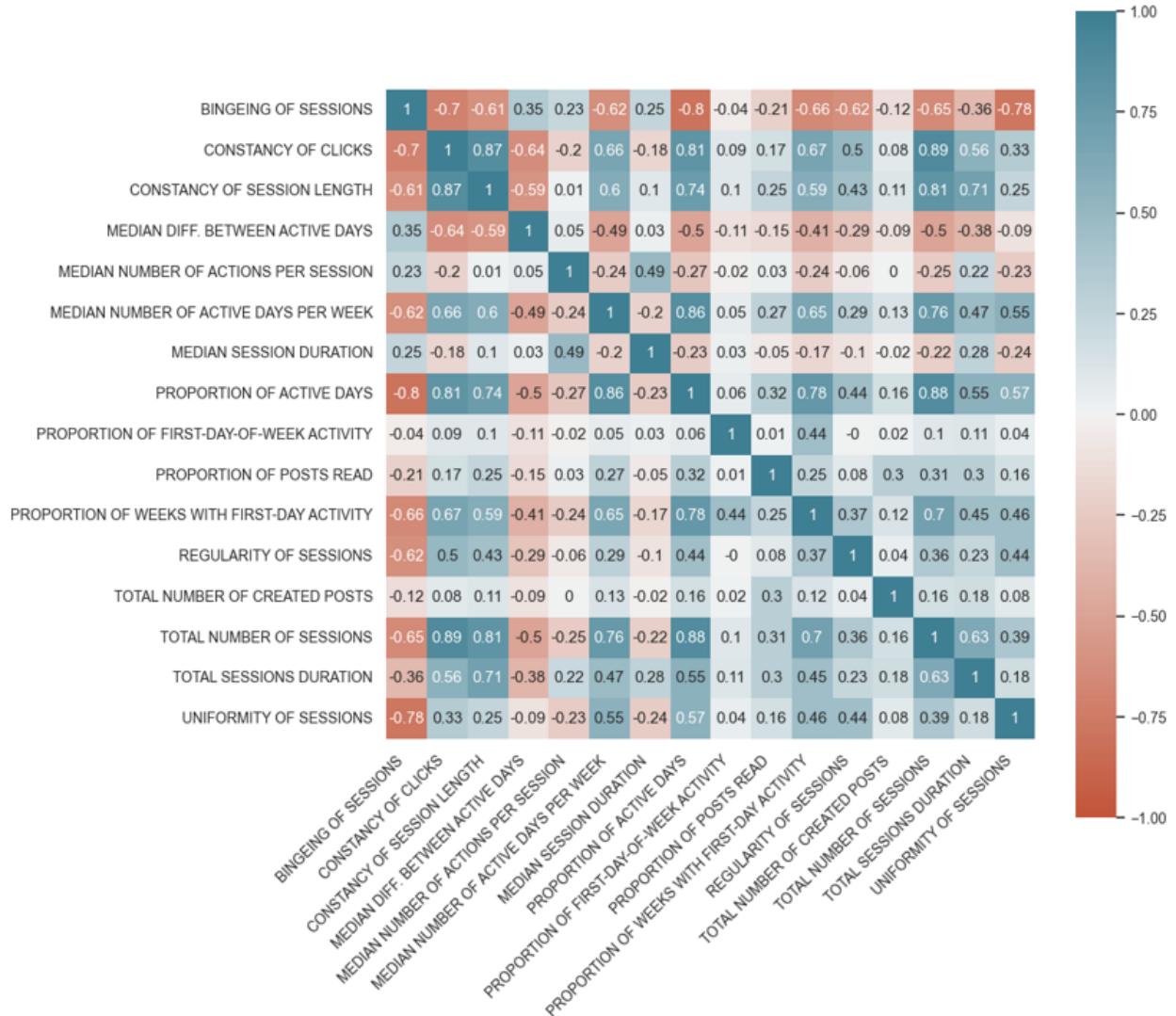


Fig. 4: Correlation map after feature selection: AY 2019-2020



Fig. 5: Correlation map before feature selection: AY 2020-2021. The highly correlated features are indicated by red rectangles.

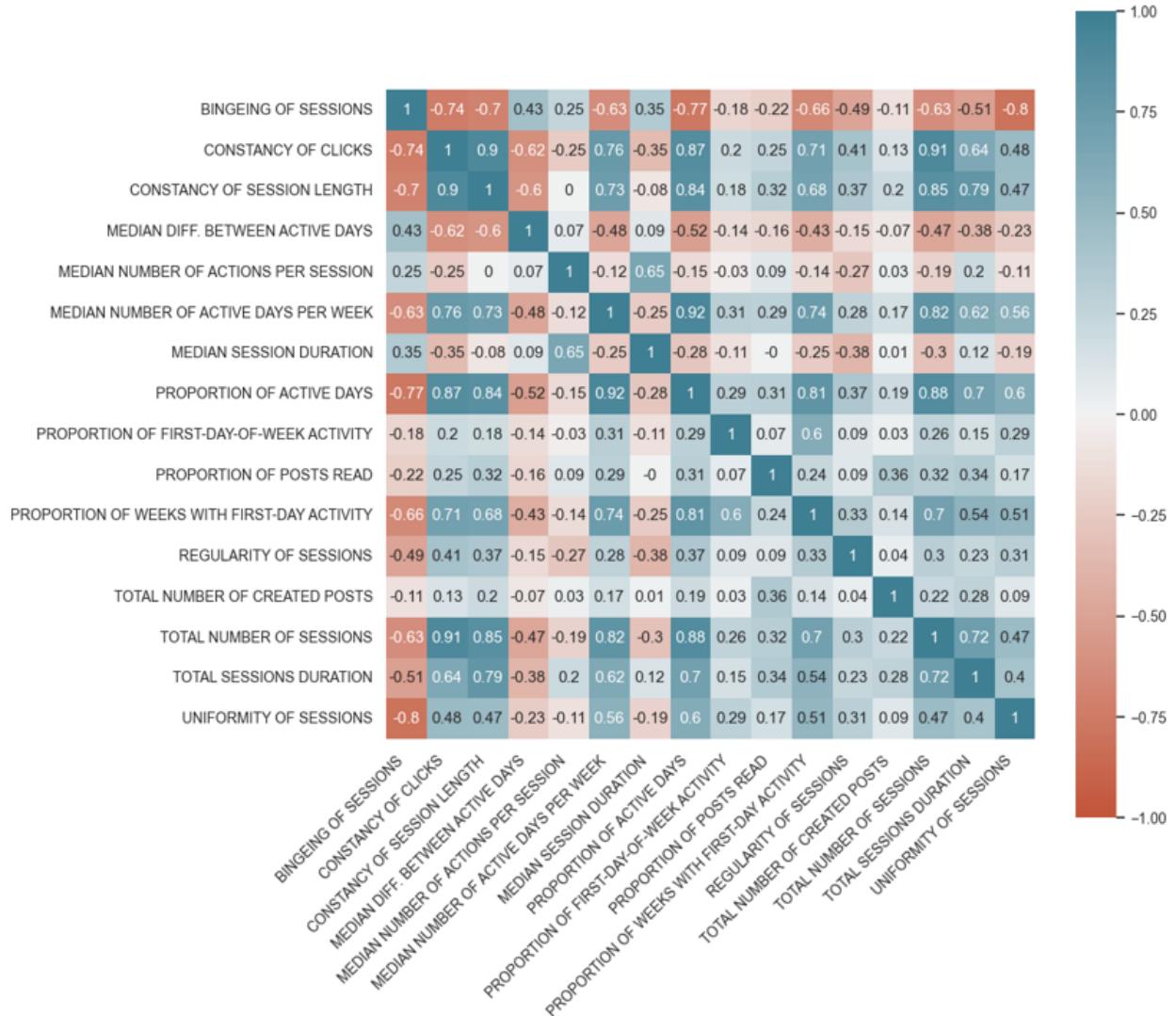


Fig. 6: Correlation map after feature selection: AY 2020-2021

## Appendix B Correlation maps: Global economics



Fig. 7: Correlation map before feature selection: AY 2018-2019. The highly correlated features are indicated by red rectangles.

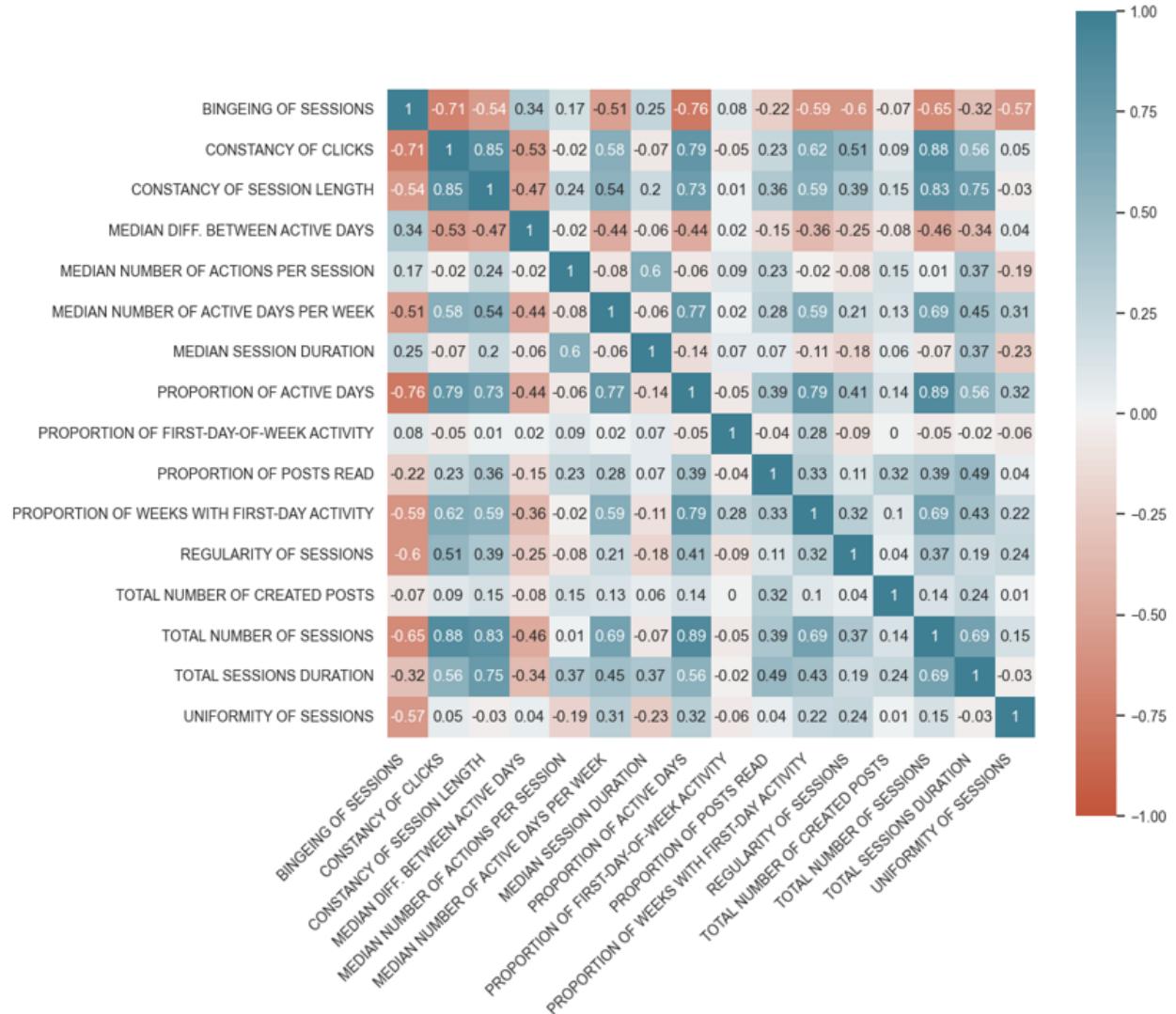


Fig. 8: Correlation map after feature selection: AY 2018-2019



Fig. 9: Correlation map before feature selection: AY 2019-2020. The highly correlated features are indicated by red rectangles.

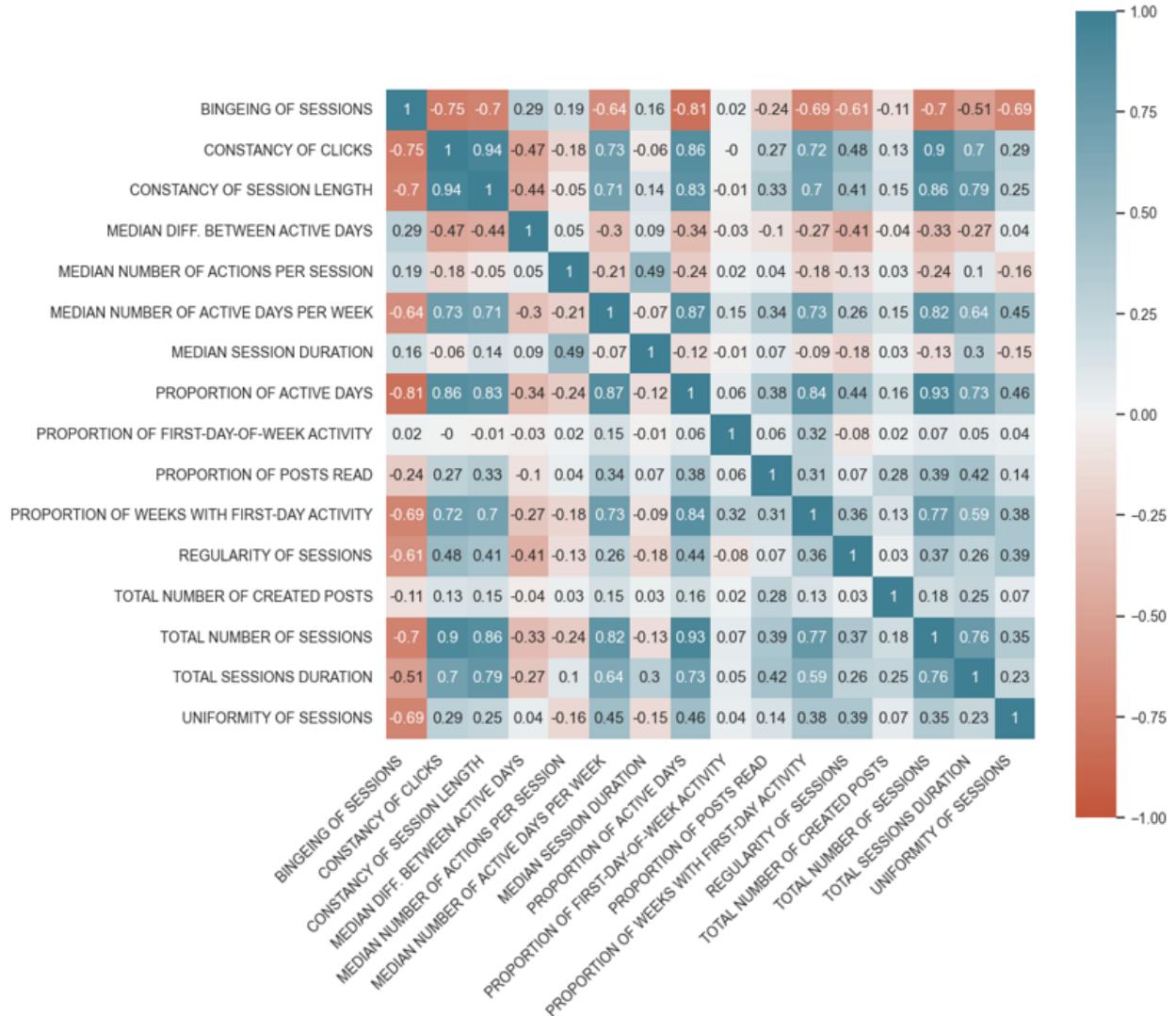


Fig. 10: Correlation map after feature selection: AY 2019-2020



Fig. 11: Correlation map before feature selection: AY 2020-2021. The highly correlated features are indicated by red rectangles.

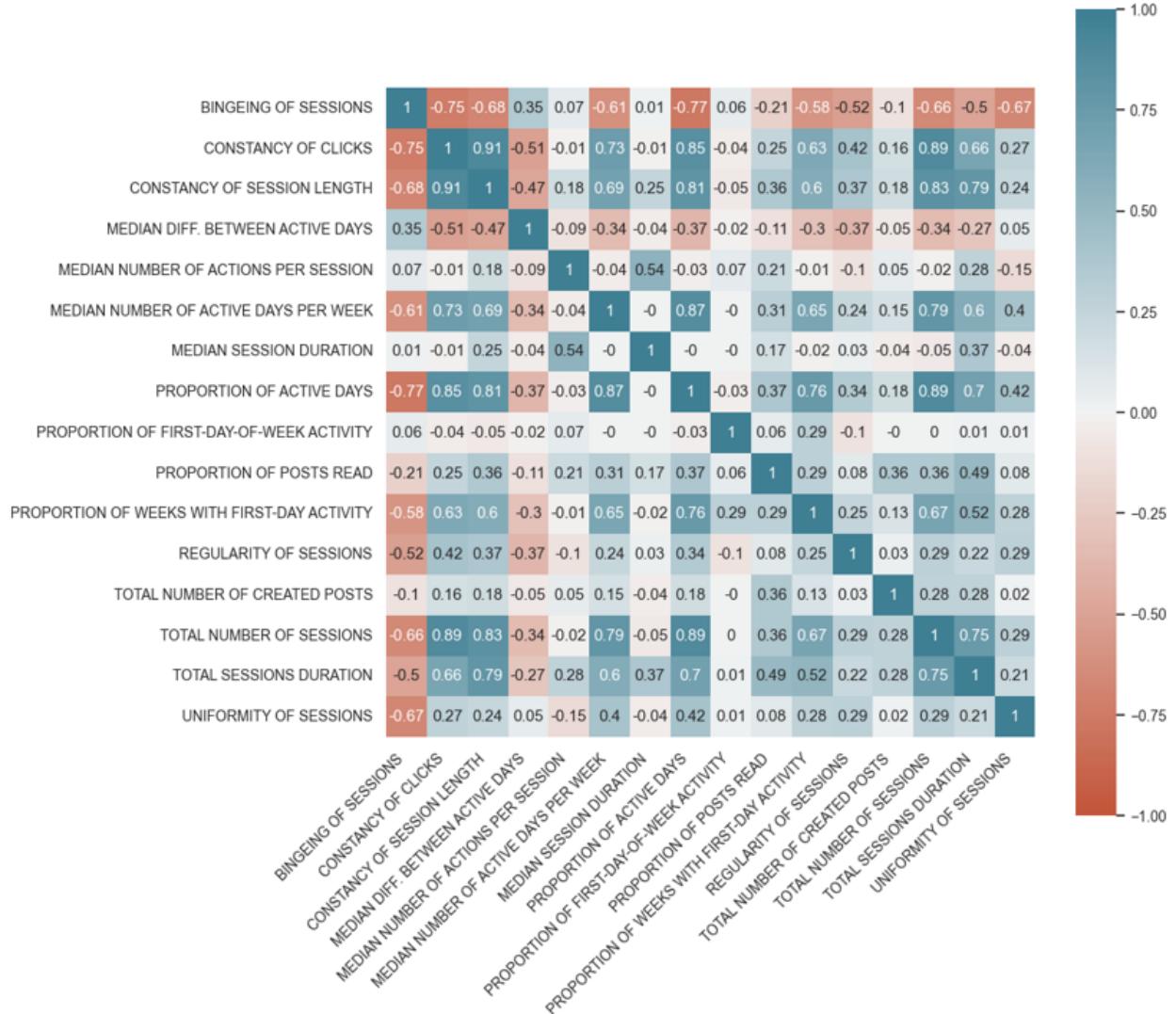


Fig. 12: Correlation map after feature selection: AY 2020-2021

## Appendix C PSI

Table 1: PSI averaged for 10 runs.

Algorithm	Accountancy		Global economics	
	AY 2018-2019 vs. AY 2019-2020 vs.		AY 2018-2019 vs. AY 2019-2020 vs.	
	AY 2019-2020	AY 2020-2021	AY 2019-2020	AY 2020-2021
NB	0.22	1.96	1.12	0.29
RF	0.26	1.51	1.08	0.30
LR	0.27	1.89	1.26	0.30
SVM	0.72	0.39	0.51	0.47
KNN	0.38	0.58	0.42	0.32
MLP	0.41	0.47	0.49	0.27
XGB	0.50	0.62	0.36	0.31
TAB	0.31	1.64	0.90	0.53

## Appendix D Data drift

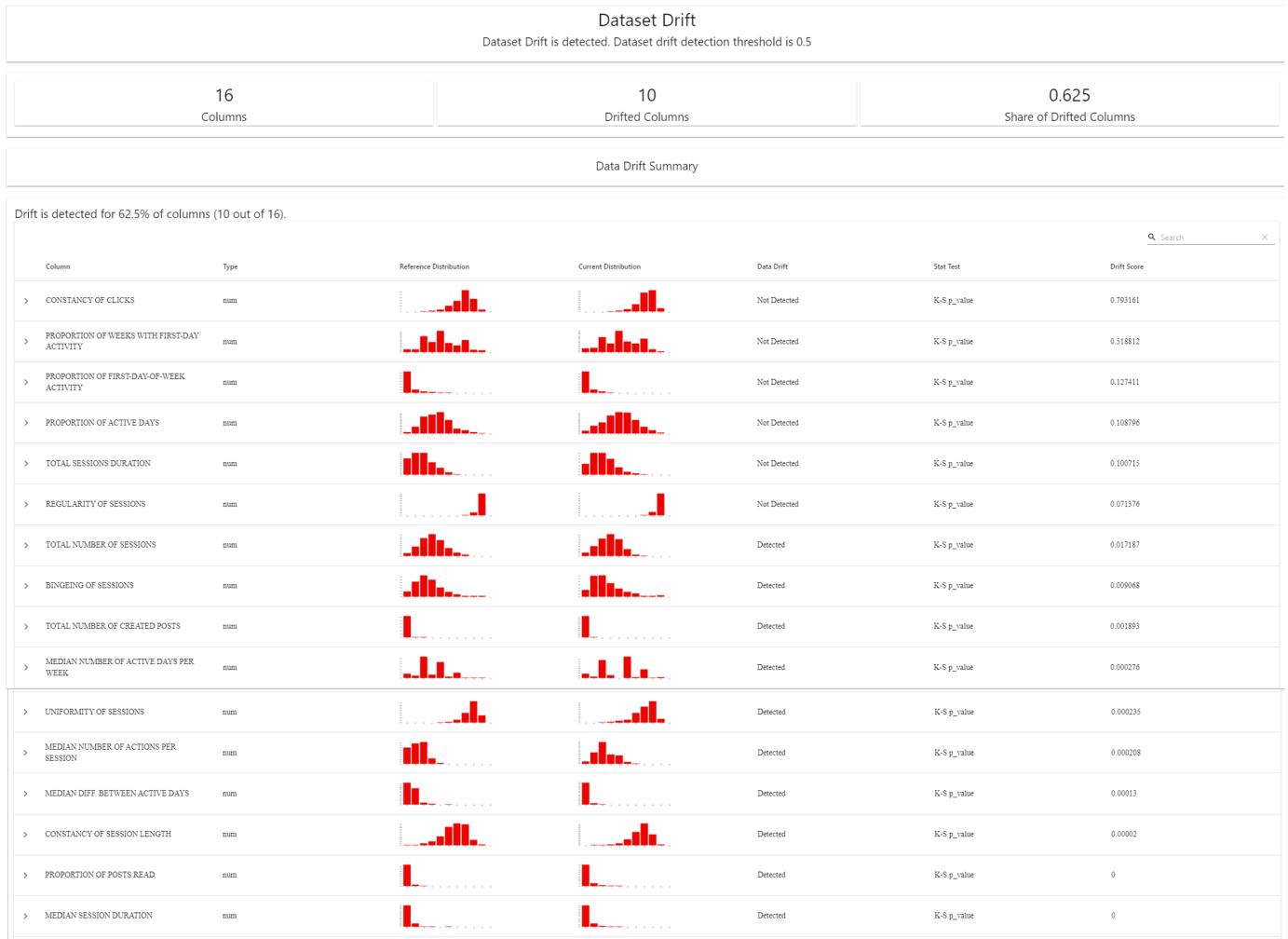


Fig. 13: Data drift: Accountancy AY 18-19 vs. AY 19-20

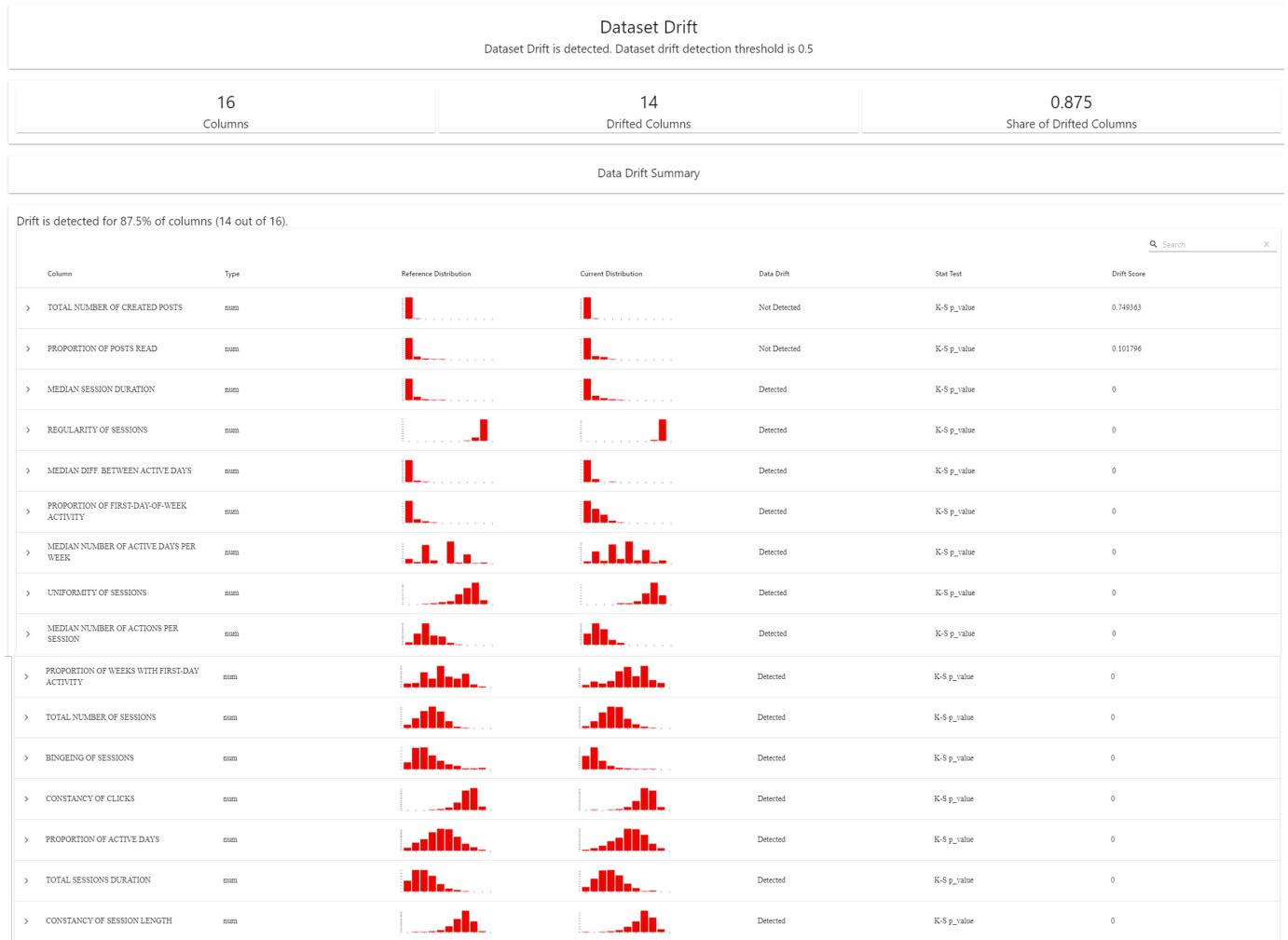


Fig. 14: Data drift: Accountancy AY 19-20 vs. AY 20-21

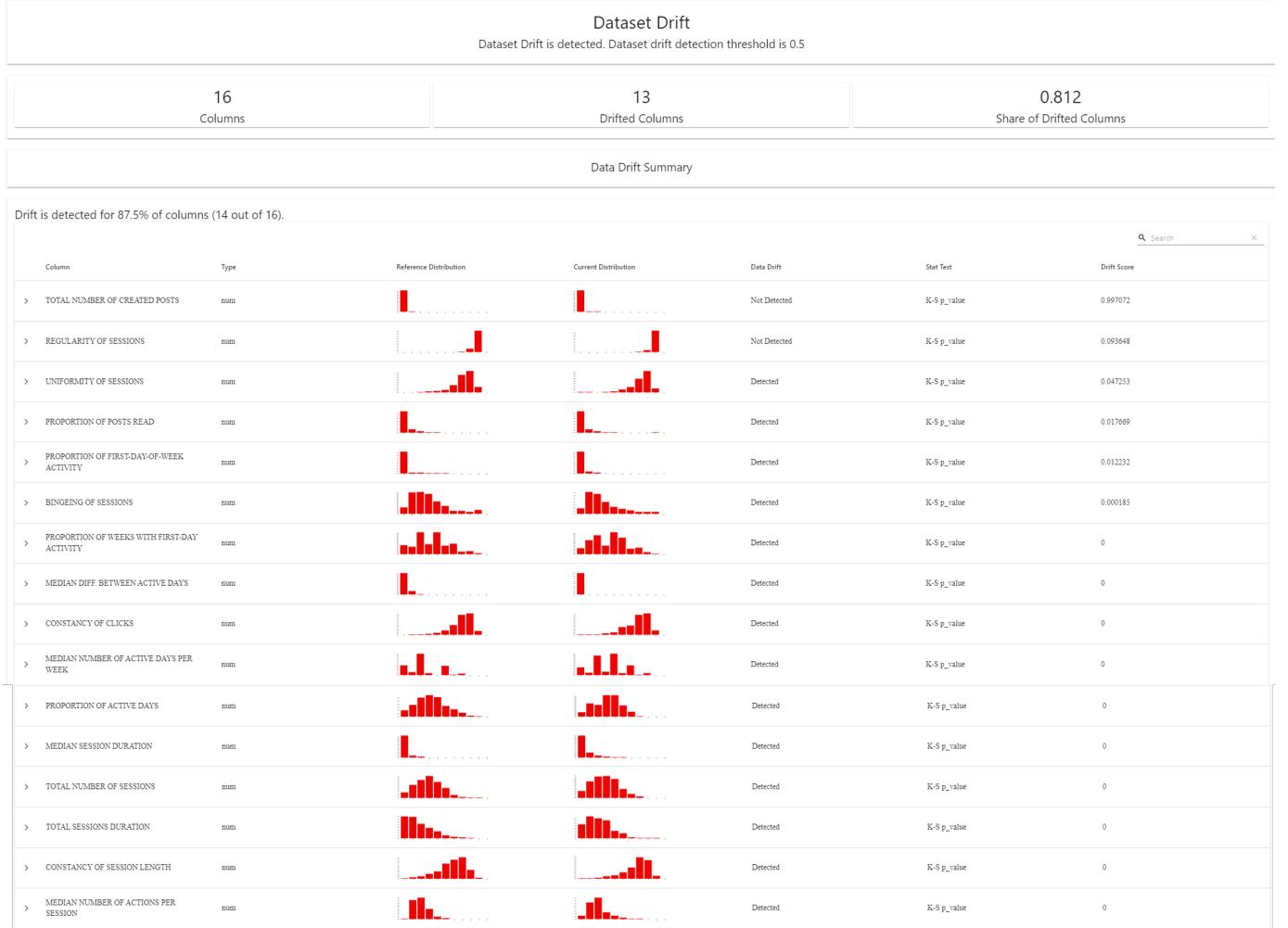


Fig. 15: Data drift: Global Economics AY 18-19 vs. AY 19-20

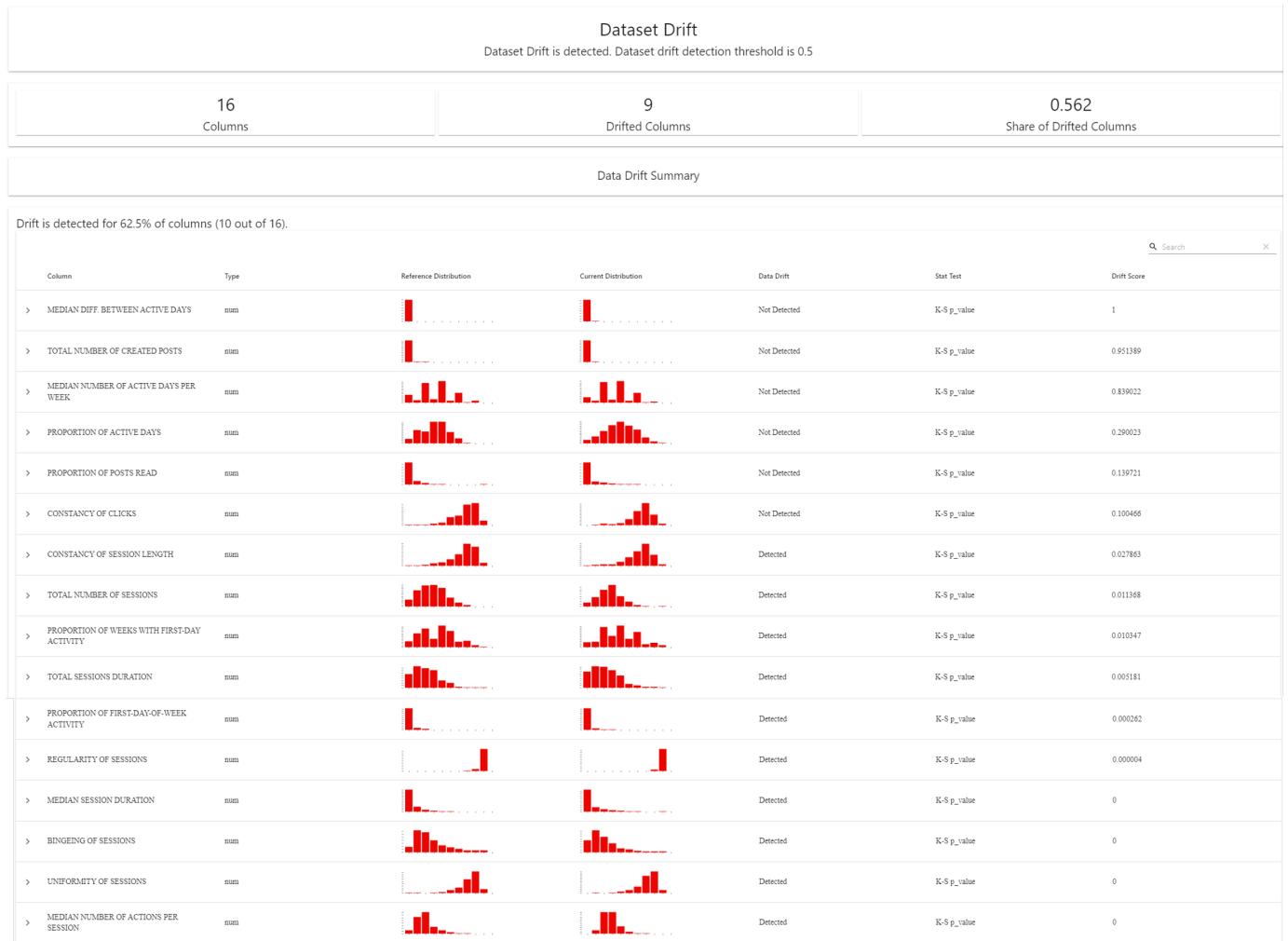


Fig. 16: Data drift: Global Economics AY 19-20 vs. AY 20-21