

Assignment Paper

Yusi Qin, Xiwei Wang, Jin Zhang

University of Zurich

December 10, 2021

Contents

1	Introduction	3
2	Second Section	3
3	Figures	4
3.1	Colorblindness	4
3.2	General culture	4
3.3	Warm color and cold color	5
3.4	Specific culture	5
4	Tables	6
4.1	Template	6
4.2	Example of dcolumn	6

1 Introduction

This is the first section.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

2 Second Section

This is the second section

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

3 Figures

3.1 Colorblindness

After implementing seaborn colorblindness palette(corresponding code in ipynb file).See Figure 1.

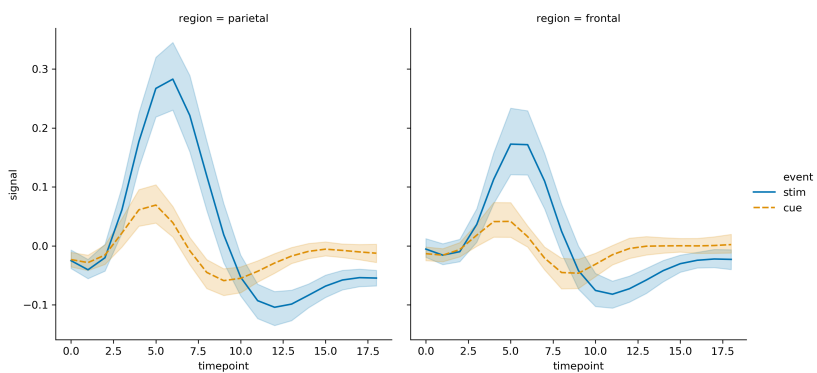


Figure 1: colorblindness

3.2 General culture

Red stands for tropical zone, yellow stands for temperate zone, blue stands for frigid zone. See Figure 2.

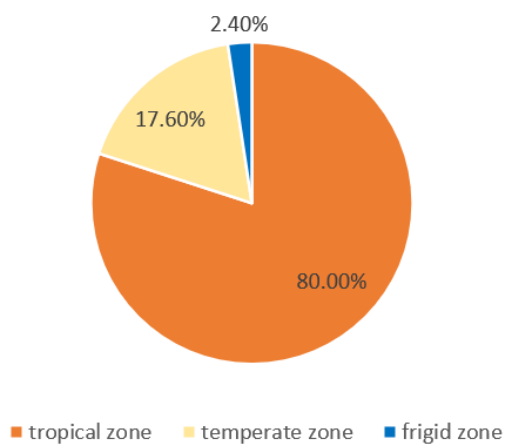


Figure 2: Biodiversity in different zones on earth

3.3 Warm color and cold color

Cold color for new cases (bad news) while warm color for vaccinations(good news). See Figure 3.

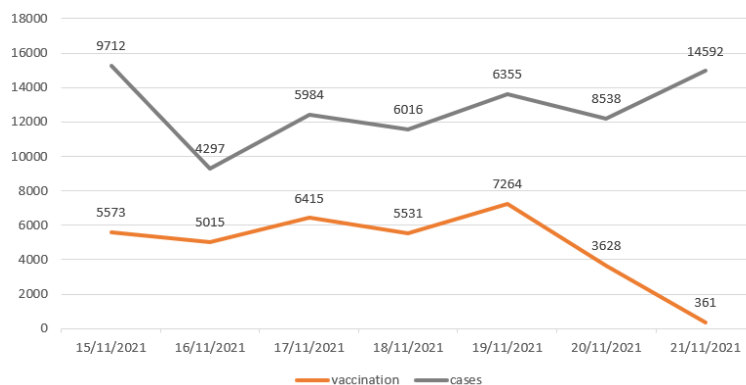


Figure 3: Covid cases and vaccinations in Switzerland

3.4 Specific culture

China stock market uses red color to reflect prices up and green to reflect prices down. See Figure 4.

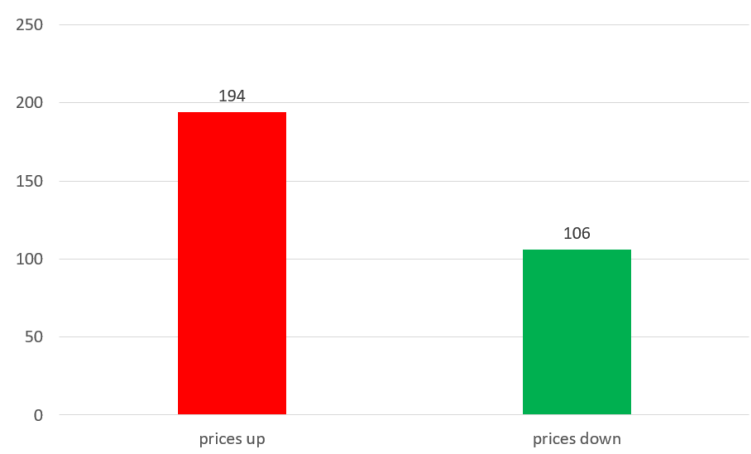


Figure 4: Prices change of constitute stocks from CSI 300 in 2020

4 Tables

4.1 Template

Table	title1	title2	title3
set1	conten1	conten2	conten3
set2	conten1	conten2	conten3
set3	conten1	conten2	conten3

Table 1: Table Template

4.2 Example of dcolumn

In order to facilitate observation, we arrange the decimals in the same column of the table by decimal separator alignment. We use LaTeX package dcolumn to implement it.

Weight	Second-day delivery		
	Fedex	UPS	Airborne
Letter	\$8.00	\$6.50	\$6.25
1 lb.	\$8.00	\$7.18	\$6.25
2 lb.	\$8.79	\$8.00	\$7.75
5 lb.	\$12.14	\$10.93	\$9.75
10 lb.	\$18.43	\$16.64	\$16.00
50 lb.	\$54.89	\$57.11	\$58.00

Table 2: List Prices of Express Mail Carriers