

Assignment Beamer Presentation

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Tips

- ▶ Use 11pt fonts in beamer.
- ▶ Never text in the bottom right corner. The most important part in a page should be the top left corner and the center.
- ▶ Beware of the colorblindness.
- ▶ Form a pattern, try to be stable. e.g. Tesla is consistent with blue in all figures.
- ▶ Tables should be consistent.
- ▶ associate good values to warm colors while bad to cold colors.
- ▶ specific cultures: associate Coca Cola to red.

Colorblindness

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

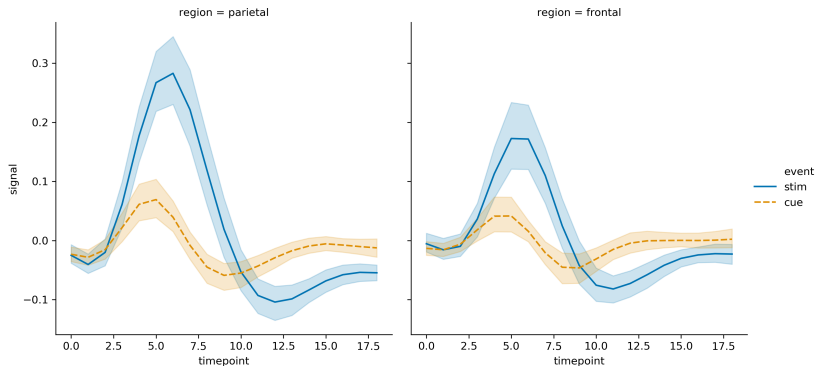


Figure: colorblindness

General culture

Red stands for tropical zone, yellow stands for temperate zone, blue stands for frigid zone.

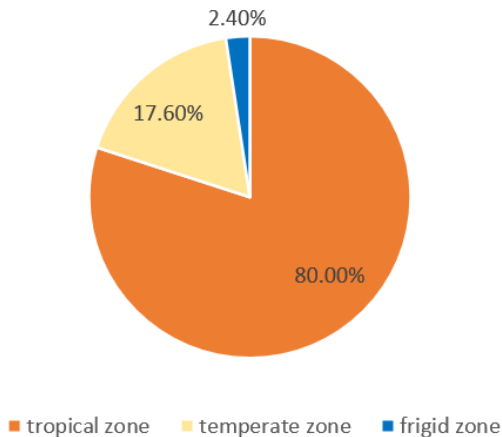


Figure: Biodiversity in different zones on earth

Warm color and cold color

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

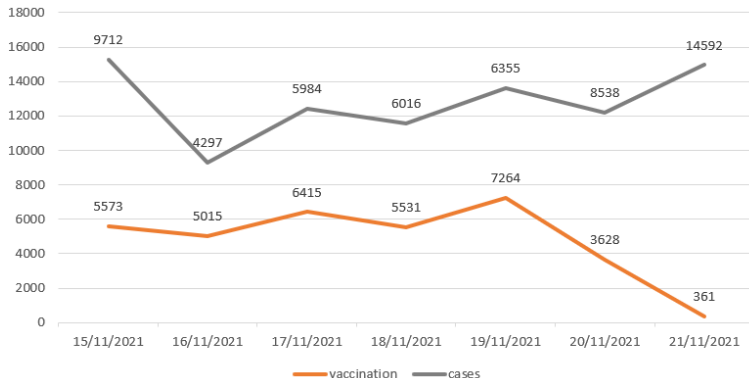


Figure: Covid cases and vaccinations in Switzerland

Specific culture

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



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

Consistency

In the above two slides, we added grid to the figures drawn in Excel which forms a pattern in this presentation. Also we added specific numbers in the above three figures(e.g. 194 for prices up and 106 for prices down) which also follows the pattern.

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Template

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

Table: Table Template

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: List Prices of Express Mail Carriers

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Equations

Additive Commutative Law

$$a + b = b + a \quad (1)$$

for instance:

$$\frac{1}{2} + \frac{3}{4} = \frac{3}{4} + \frac{1}{2} \quad (2)$$

Equations

Multi-line equations

$$\begin{aligned}f(x) &= (m + n)^2 \\ &= m^2 + 2mn + n^2\end{aligned}$$