

Macau Metropolis Theme

An Unofficial L^AT_EX Template for University of Macau

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University of Macau



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Outline

Basic building blocks

Items, maths, citations, and figures

Code and output

References

Basic building blocks

Five colors defined in the template



UMBlue is the symbol color of the university.

In addition, UM's Brand Guidelines document defines the following colors:

- **UMLightBlue**
- **UMYellow**
- **UMRed**
- **UMGreen**

Logos and icons



Logos and icons are not included in the package. Please download them from UM website (internal access only):

<https://identity.co.um.edu.mo/>

Logos



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Icons

um 澳大

um 澳大

Use UMBLue as background color.

Highlighting texts with blocks

Four types of blocks are available:

This is a block without a title. So there is no title in this block.

This is a block without a title. So there is no title in this block.

This is a block without a title. So there is no title in this block.

Block Title

A *default* block with a title

Block Title

An *alert* block with a title

Block Title

An *example* block with a title

What you need to typeset this template

Metropolis theme

Available at github.com/matze/mtheme

UM logo files

- Available from UM's website (internal access only)
- Download the following two:
 1. UMlogo.png
 2. UMlogo_footer.png
- Save these logo files under the `figures` directory located in the same directory that contains the `.tex` file.



We can insert a background image like this.

Items, maths, citations, and figures

Bullet points and numbered items

We can display items **one by one**.

Bullet points and numbered items

We can display items **one by one**.

- Item **number one**

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item **number two**

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item number two
- Item with a **dash**

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item number two
- Item with a dash

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item number two
- Item with a dash

Numbered items:

1. Item **number one**

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item number two
- Item with a dash

Numbered items:

1. Item number one
2. Item **number two**

Bullet points and numbered items

We can display items **one by one**.

- Item number one
- Item number two
- Item with a dash

Numbered items:

1. Item number one
2. Item number two
3. Item **number three**

A slide with equations

Probability density function of $\mathcal{N}(\mu, \sigma)$:

$$f(x) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left[-\frac{(x - \mu)^2}{2\sigma^2}\right]$$

Posterior probability (highlight added later):

$$p(\theta|x) \propto p(x|\theta) \times p(\theta)$$

A slide with equations

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Likelihood Prior

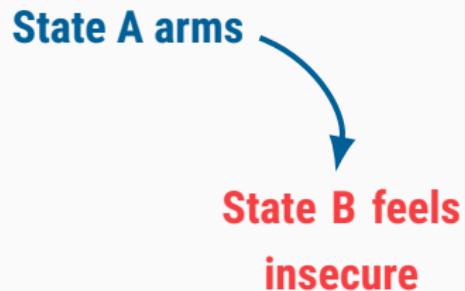
A slide with a TikZ figure

Security dilemma:

State A arms

A slide with a TikZ figure

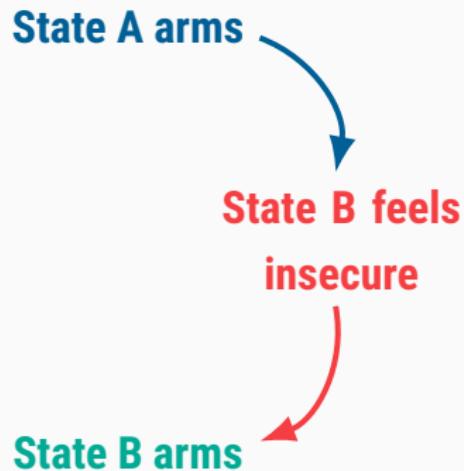
Security dilemma:



A slide with a TikZ figure



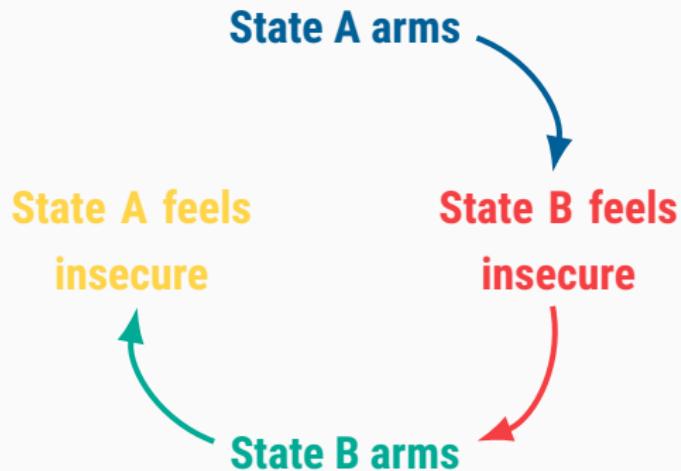
Security dilemma:



A slide with a TikZ figure



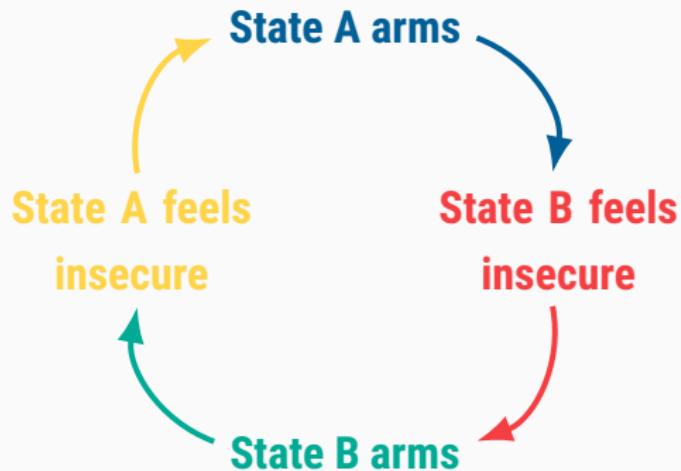
Security dilemma:



A slide with a TikZ figure



Security dilemma:



A slide with a table

Table 1: Security dilemma (stag hunt)

	$\neg\text{Arm}$	Arm
$\neg\text{Arm}$	3,3	0,2
Arm	2,0	1,1

A slide with a citation

To cite a source, we use the `cite` function as follows:

```
\cite{citekeyhere}  
\citet{citekeyhere} (in parentheses)
```

Let's try citing one:

- `cite`: Fearon (1995) argues ...
- `citep`: ... bargaining approach (Fearon, 1995)

Code and output

A slide with a computer code chunk

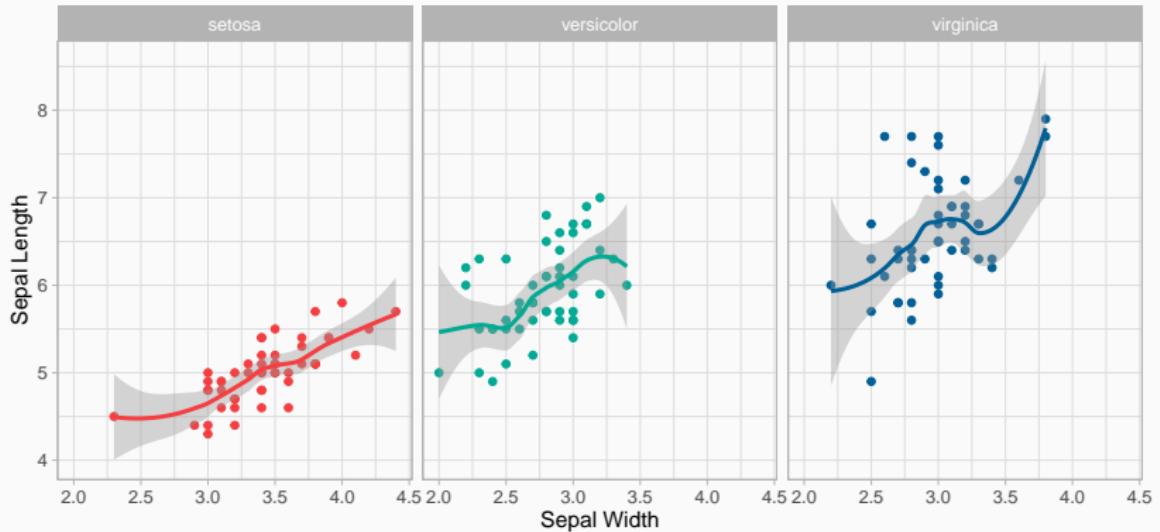
Show some R code:

```
# Unload packages and clear the memory space
pacman::p_unload(pacman::p_loaded(), character.only = TRUE)
rm(list = ls())

# Load packages and data
library("tidyverse")
data("iris")

# Linear regression
fit <- lm(Sepal.Length ~ Sepal.Width + Species, data = iris)
```

A slide with a figure



Source: Iris data

Code to produce the figure

```
# Kobe colors (brick, green, and blue)
kobe_colors <- c("#c40000", "#16832e", "#0e2f92")

# Plot: require ggplot2 and data(iris)
p <- ggplot(iris, aes(x = Sepal.Width, y = Sepal.Length,
                      color = Species))
p + geom_point() + geom_smooth() +
  facet_wrap(~Species) + guides(color = "none") +
  scale_color_manual(values = kobe_colors) +
  labs(x = "Sepal Width", y = "Sepal Length",
       caption = "Source: Iris data") +
  theme(
    panel.background = element_rect(fill = "transparent",
                                      color = NA),
    plot.background = element_rect(fill = "transparent",
                                   color = NA))
```

A slide a regression table



Table 2: Predicting sepal length of iris

	Species		
	setosa	versicolor	virginica
Sepal Width	0.655*** (0.092)	0.387* (0.205)	0.330* (0.174)
Petal Length	0.238 (0.208)	0.908*** (0.165)	0.946*** (0.091)
Petal Width	0.252 (0.347)	-0.679 (0.435)	-0.170 (0.198)
Constant	2.352*** (0.393)	1.896*** (0.507)	0.700 (0.534)
Observations	50	50	50
R ²	0.575	0.605	0.765

Note:

*p<0.1; **p<0.05; ***p<0.01

References

References

Fearon, James D. 1995. "Rationalist Explanations for War."
49(3):379–414.