预测 2022 年社会消费品零售总额的损失 基于季节性 ARIMA 模型

杨在洲

yangzzh@shanghaitech.edu.cn

June 1, 2022

目录



数据分析

数据来源

Installation

Source files Local and Global installation Required Packages

User Interface

Loading the Theme and Theme Options Feather image

数据分析



► The Feather image is not covered by copyright rules. I have used the image from http://www.vectors-free.com/. You are allowed to use the Feather image for any purposes.



- ► The Feather image is not covered by copyright rules. I have used the image from http://www.vectors-free.com/. You are allowed to use the Feather image for any purposes.
- ► The rest of the theme is provided under the GNU General Public 数据来源 v. 3 (GPLv3) http://www.gnu.org/licenses/. This means that you can redistribute it and/or modify it under the same license.

数据分析



► The logo and color design of ShanghaiTech university are owned by ShanghaiTech University.



The theme contains 4 source files:

- ▶ beamercolorthemeFeather.sty
- ▶ beamerouterthemeFeather.sty
- beamerinnerthemeFeather.sty
- beamerthemeFeather.sty

Installation Local and Global installation

The theme can be installed for **local** or **global** use. And anything you want



The theme can be installed for **local** or **global** use. And anything you want

Local Installation

- ▶ Local installation is the simplest way of installing the theme.
- ➤ You need to placing the 4 source files in the same folder as your presentation. When you download the theme, the 4 theme files are located in the local folder.

Global Installation

- ▶ If you wish to make the theme globally available, you must put the files in your local latex directory tree. The location of the root of the local directory tree depends on your operating system and the latex distribution.
- ▶ Detailed steps on how to proceed installation under various operating systems can be found at Beamer documentation.

Installation Required Packages



For using the Feather Theme you will need the Bemaer class installed and the following 2 packages

- ► TikZ¹
- ▶ calc

Due to the fact that the packages are very common they should be included in your latex distribution in the first place.

杨在洲 | 预测 2022 年社会消费品零售总额的损失

 $^{^1}$ TikZ is a package for creating beautiful graphics. Have a look at these online examples or the pgf user manual .



The Presentation Theme

The Feather Theme can be loaded in a familiar way. In the reamble of your tex file you must type

\usetheme[<options>]{Feather}

The presentation theme loads the inner, outer and color Feather theme files and passes the <options> on to these files.

The Inner and Outher Themes

If you wish you can load only the inner, or the outher theme directly by

\useinnertheme{Feather} (and it has no options)

\useoutertheme[<options>]{Feather} (it has one option)
progressstyle={fixedCircCnt or movingCircCnt}

- which set how the progress is illustrated;
- ▶ the value movingCircCnt is the default.



The Color Theme

Also you can load only the color theme by writing in the preamble of the tex file

▶ \usecolortheme{Feather}

...or to change the colors of the various elements in the theme

- ► Change the bar colors: \setbeamercolor {Feather}{fg=<color>, bg=<color>}
- Change the color of the structural elements: \setbeamercolor{structure}{fg=<color>}
- Change the frame title text color: \setbeamercolor{frametitle}{fg=<color>}
- ► Change the normal text color background: \setbeamercolor{normal text}{fg=<color>, bg=<color>}



The Feather Background Image

- ► In Feather theme, the title page frame and the last frame have the Feather image as the background image.
- ► The Feather background image can be produced to any frame by wrating on the begining at the choosen frame the following

```
{\1bg
\begin{frame}[<options>]{Frame Title}{Frame Subtitle}
...
\end{frame}}
```



title

Say somethings new

Thank you for using Feather Beamer Theme!