

Python Template

Yingqi Jing

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S1 Introduction

Here I am using a special character (`# ~~`) as indicator for yaml header and markdown inline code format. You also write inline comments directly, though it may cause some warnings for the spelling of code. To compile this script into pdf, I have written a function that can automatically delete the special indicator, and render the file into pdf via `pweave` function.

You can also cross-refer a section S2 in this way.

```
def add_two(A, B):  
    return A + B  
  
print("=====  
print(trace(add_two))  
  
# print("=====  
# print(trace(np.mean))  
  
=====  
def add_two(A, B):  
    return A + B
```

S2 Data and Methods

```
for i in range(10):  
    print(i)
```

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S3 Results

S4 Discussions

S5 References