Examples in Latex

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Contents

1 Section

I am a section.

1.1 subsection

I am a subsection.

paragraph I am a paragraph.

    subparagraph I am a subparagraph.

2 Math

2.1 Inline Math

Inline math $f(x) = x^2$ example.

2.2 Math Environments

equation and matrices

$$f(x) = x^2$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \tag{1}$$

align

$$f(x) = x^2$$
$$g(x) = \frac{1}{x}$$
$$F(x) = \int_b^a 3\left(\frac{1}{\sqrt{x}}\right)$$

3 Figures and Tables
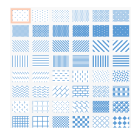
h!: here
H: need package float.

Figure 1: tiles

Table 1: Dummy table

List of Figures

List of Tables