



Main-Title

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A tagline for the report.

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1 Markdown

1.1 General

Some markdown text.

A list:

- something
- something else

A numbered list

1. something
2. something else

1.2 References and Citations

References to fig. 2.1, table 3.1 and eq. 4.2.

Referencing multiple items: figs. 2.1 to 2.3.

A latex citation.^[1]

A html citation.^[2]

1.3 Todo notes

remember something to add

Some text.

a comment

2 Images and Figures



Figure 2.1: A nice picture.

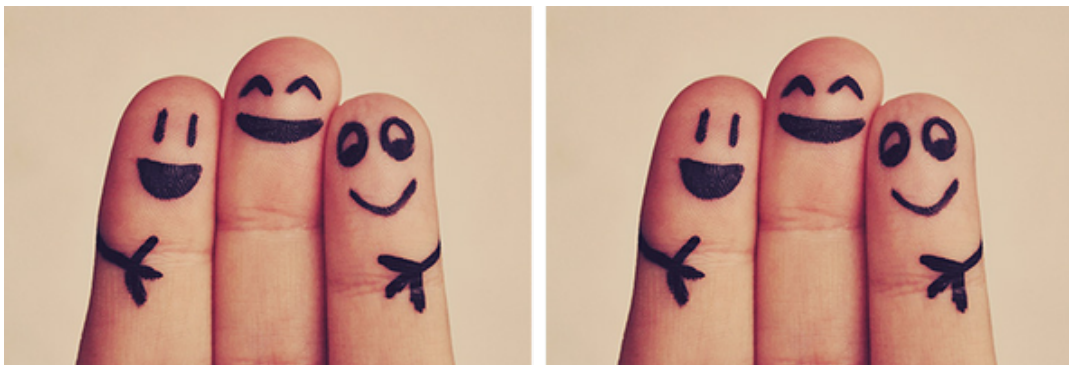


Figure 2.2: Horizontally aligned images.



Figure 2.3: Vertically aligned images.

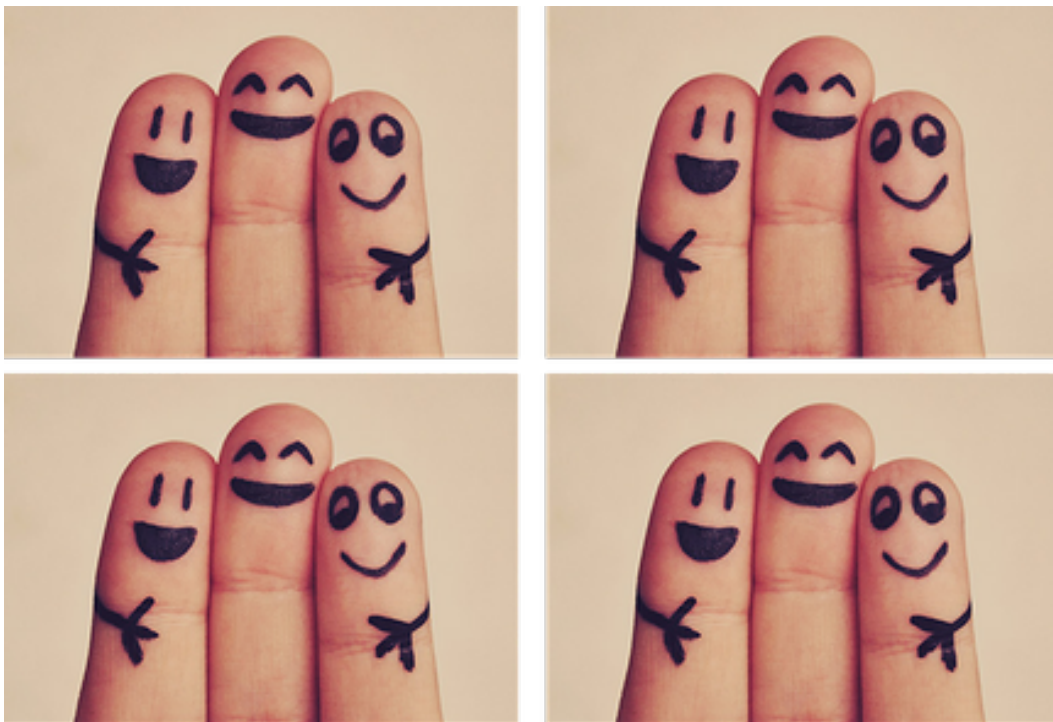


Figure 2.4: Images aligned in a grid.

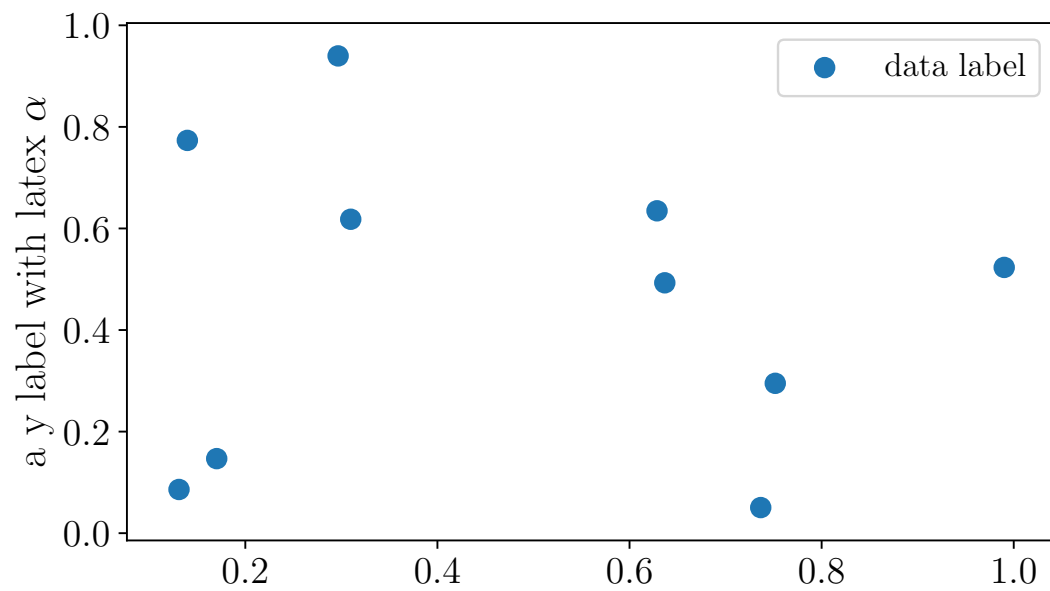


Figure 2.5: A matplotlib figure, with the caption set in the markdowncell above the figure.

3 Tables (with pandas)

Table 3.1: An example of a table created with pandas dataframe.

	a	b	c	d
0	δ	l	0.583	0.279
1	x	m	0.914	0.021
2	y	n	0.333	0.116

4 Equations (with ipython or sympy)

$$a = b + c \tag{4.1}$$

$$\left(\sqrt{5}i\right)^{\alpha}\left(\frac{1}{2}-\frac{2i}{5}\sqrt{5}\right)+\left(-\sqrt{5}i\right)^{\alpha}\left(\frac{1}{2}+\frac{2i}{5}\sqrt{5}\right) \tag{4.2}$$

5 References

- [1] T. Yu Zelenyak, Kh T. Kholmurodov, A. R. Tameev, A. V. Vannikov, and P. P. Gladyshev. Molecular dynamics study of perovskite structures with modified interatomic interaction potentials. 50(5): 400–405. ISSN 0018-1439, 1608-3148. doi:[10.1134/S0018143916050209](https://doi.org/10.1134/S0018143916050209).
- [2] Alec Kirkeminde and Shenqiang Ren. Thermodynamic control of iron pyrite nanocrystal synthesis with high photoactivity and stability. 1(1):49–54. ISSN 2050-7496. doi:[10.1039/C2TA00498D](https://doi.org/10.1039/C2TA00498D).