

Section

Integer at enim eu tellus malesuada scelerisque. Ut sed rhoncus ipsum, at tempor nisl. Vivamus vitae pulvinar leo, at pharetra massa. Ut lobortis odio non nulla tincidunt pulvinar. Nunc faucibus pellentesque elit, non ornare risus suscipit sed. Maecenas vel blandit ex.

Phasellus ultrices mi non nulla hendrerit, at rhoncus augue suscipit. Pellentesque a lectus eget felis maximus feugiat nec ut ante. Sed eget laoreet lectus. Vestibulum iaculis enim nec libero sollicitudin, id rhoncus libero consectetur. Integer eget sem quis urna vulputate aliquet.

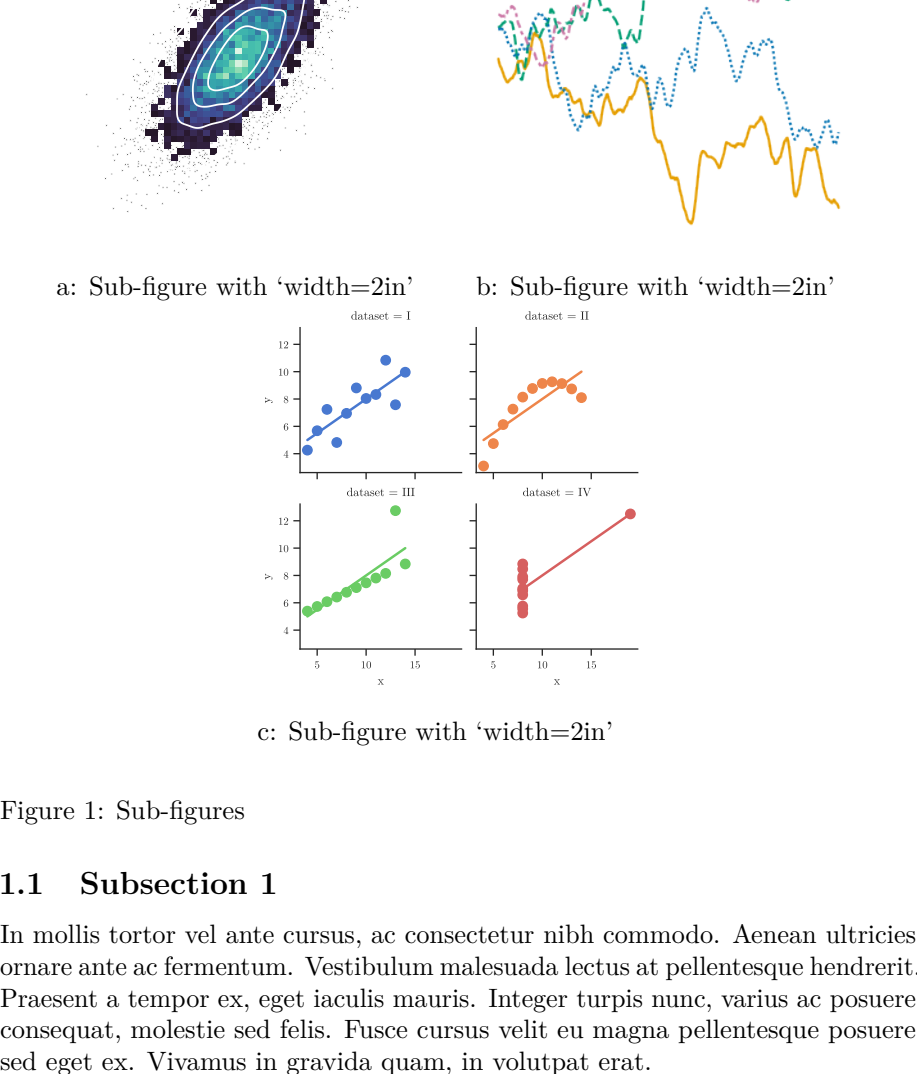


Figure 1: Sub-figures

## 1.1 Subsection 1

In mollis tortor vel ante cursus, ac consectetur nibh commodo. Aenean ultricies ornare ante ac fermentum. Vestibulum malesuada lectus at pellentesque hendrerit. Praesent a tempor ex, eget iaculis mauris. Integer turpis nunc, varius ac posuere consequat, molestie sed felis. Fusce cursus velit eu magna pellentesque posuere sed eget ex. Vivamus in gravida quam, in volutpat erat.

## 1.2 Subsection 2

### 1.2.1 Subsubsection 1

Suspendisse erat est, imperdiet sed dolor at, sagittis lobortis tortor. Nulla facilisi. Aliquam pharetra scelerisque auctor. Duis vel auctor ipsum. Nullam sagittis feugiat mollis. Aliquam at ultrices libero. Nulla facilisi. Fusce sed est placerat, fringilla augue at, pretium nisl.

### 1.2.2 Subsubsection 2

In ut nunc libero. Duis eu elementum purus. Etiam dictum, ipsum nec aliquam lobortis, magna magna pellentesque ligula, sed ultricies odio ligula vitae orci. Fusce bibendum maximus ligula, id gravida felis dictum a. In dapibus nulla eget volutpat vulputate. Quisque congue erat quis nibh molestie, eget varius eros ultrices.

**Subsubsubsection** Proin eleifend lorem semper, commodo tellus nec, porta purus. Nullam commodo lectus nibh, consequat maximus lorem faucibus in. Nam purus eros, rutrum in sapien et, condimentum lacinia nibh.

## 2 Typography

- **Bold**
- *Italic*
- ***Bold italic.***

## 3 Numbers

- Normal: 0123456789
- Math: 0123456789

## 4 Acronyms

- Default (short+long): Carnegie Mellon University (CMU)
- Repeated (short): CMU
- Forced short: USA
- Repeated after forced short (short+long): United States of America (USA)
- Plural: social security numbers (SSNs)

## 5 Math

$$\int_0^{\infty} \exp^{-x^2} \, dx \tag{1}$$

$$a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 \tag{2}$$

- Inline:  $\int_0^{\infty} \exp^{-x^2} \, dx$
- Block: Equation 1, Equation 2
- Commands defined in body (P[x in X]):  $\mathbb{P}[x \in \mathcal{X}]$
- Aligned:

$$\begin{aligned} x &= 1 \\ x + y &= 10 \\ x + y + z &= 100 \end{aligned}$$

## 6 Links

- Section: Section 1, Section 1.2
- Appendix section: Section ??, Section ??
- Appendix figure: Figure ??
- Appendix table: Table ??
- Appendix math: Equation ??
- Pointer to footnote <sup>a</sup>

## 7 Citations

- Short citation <sup>[1]</sup>
- Short citation with pre note <sup>[see 1]</sup>
- Short citation with locator <sup>[1, p. 1]</sup>
- Short citation with post note <sup>[1, for more]</sup>
- Short citation with locators and pre/post notes <sup>[see 1, chap. 1-4, for more]</sup>
- Long citation: Lesk and Kernighan (1977) <sup>[2]</sup>
- Long citation with locator: Lesk and Kernighan (1977) <sup>[2, chap. 1]</sup>
- Long citation with note: Lesk and Kernighan (1977) <sup>[2, for more]</sup>
- Multi citation <sup>[1–3]</sup>
- Multi citation with pre note <sup>[see 1–3]</sup>
- Multi citation with locators <sup>[2, sec. 1; 3; 1, p. 1-3]</sup>
- Multi citation with post note <sup>[1–3, for more]</sup>
- Multi citation with locators and pre/post notes <sup>[see 2, p. 1; 3; 1, chap. 1-2, for more]</sup>

## 8 Tables

- Table 1
- Table 2

Col1	Col2	Col3	Col4
1	2	3	4
11	22	33	44
111	222	333	444

Table 1: Short table

Col1	Col2	Col3	Col4	Col5	Col6	Col7	Col8	Col9	Col10
a	1	2	3	123	abcd	1234	444	555	666
b	11	22	33	456	efgh	567	44	55	66
Mid									
c	111	222	333	789	ijkl	89	4	5	6

Table 2: Wide table

## 9 Figures

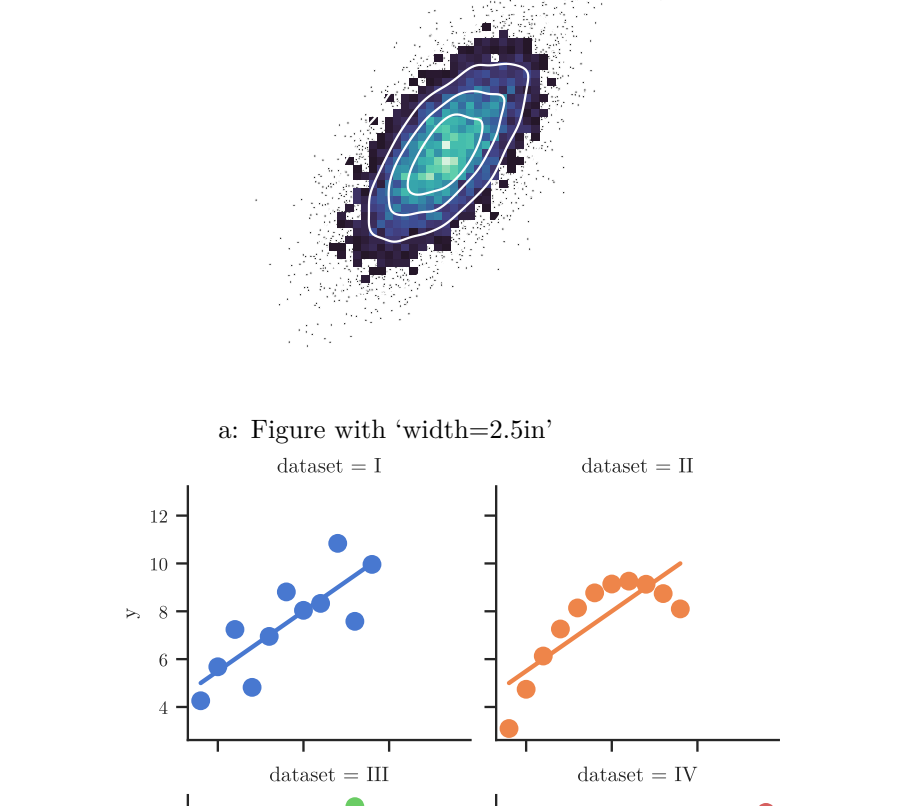


Figure 2: Narrow figure

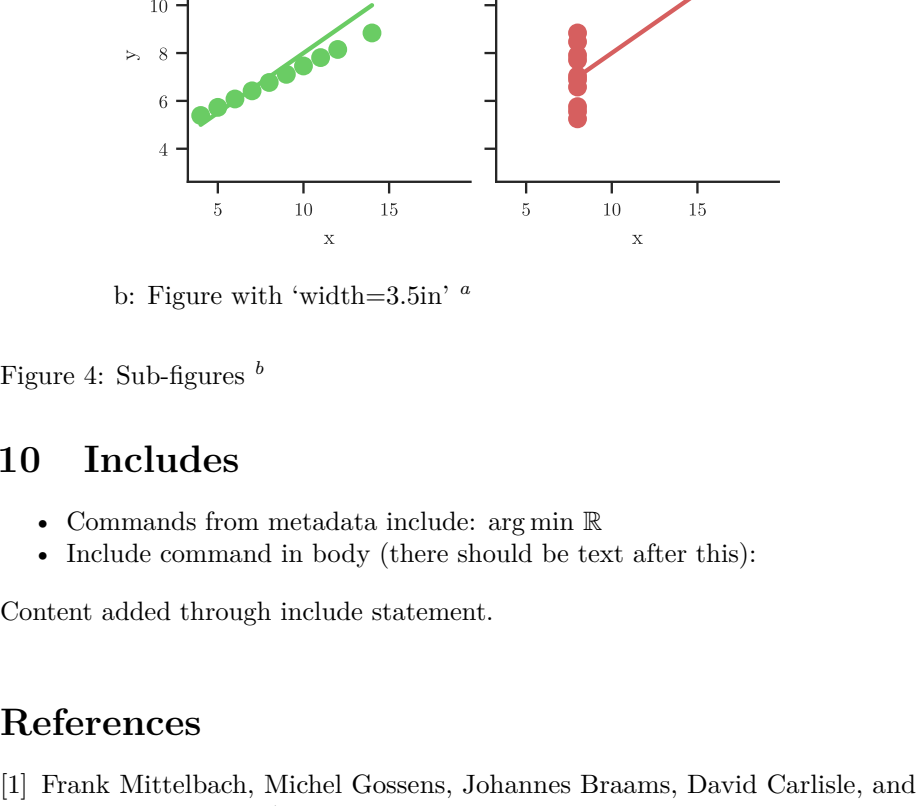


Figure 3: Wide figure

- Figure 2
- Figure 3
- Figure 4, Figure 3a, Figure 3b



Figure 4: Sub-figures <sup>b</sup>

## 10 Includes

- Commands from metadata include:  $\arg \min \mathbb{R}$
- Include command in body (there should be text after this):

Content added through include statement.

## References

- [1] Frank Mittelbach, Michel Gossens, Johannes Braams, David Carlisle, and Chris Rowley. *The L<sup>A</sup>T<sub>E</sub>X Companion*. Addison-Wesley Professional, 2 edition, 2004.
- [2] Michael Lesk and Brian Kernighan. Computer typesetting of technical journals on UNIX. In *Proceedings of American Federation of Information Processing Societies: 1977 National Computer Conference*, pages 879–888. Dallas, Texas, 1977.
- [3] Donald E. Knuth. Literate programming. *The Computer Journal*, 27(2): 97–111, 1984.

<sup>a</sup>Footnote in sub-figure caption.

<sup>b</sup>Footnote in figure caption.