

Lecture 1: XXX

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1.1 Produce plots with captions

```
x <- seq_len(20)
y <- x
plot(x,y,type="l")
```

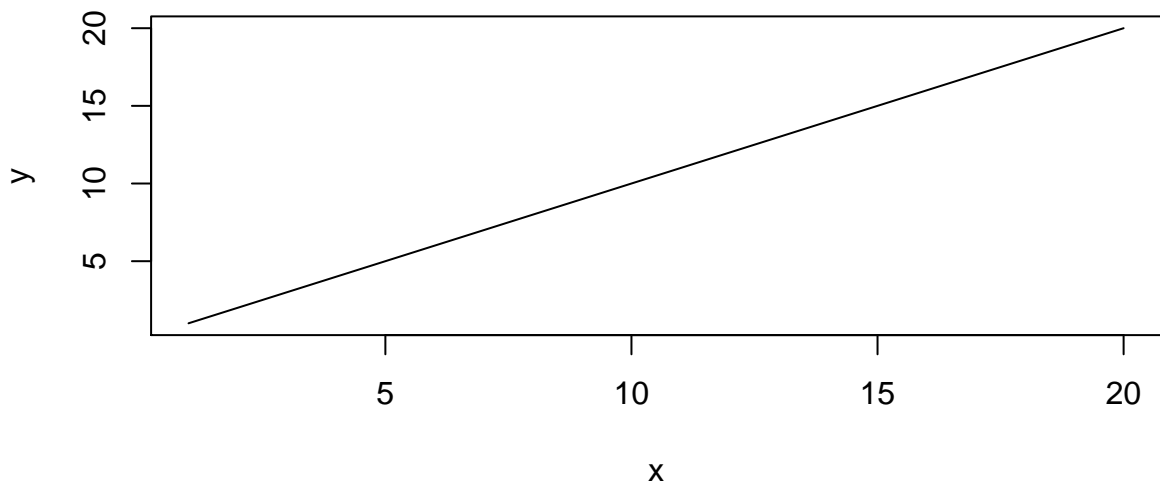


Figure 1.1: This plot represents $y=x$.

1.2 Produce tabels with captions

Table 1.1: Information for kids.

	name	age	sex
1	Kate	10	female
2	John	20	male

1.3 Use Citation

From 1.1, we know that ... From 1.1, we know that ... As Nesterov pointed out in [1], we know that ...

Reference

[1] Y. Nesterov, *Introductory lectures on convex optimization: A basic course*, vol. 87. Springer Science & Business Media, 2013.