



Summary

This is a poster containing text and other things This part is the summary. People might read this These analyses were done on September 25, 2012, using the following versions of Ri1609, Sweave[Leisch, 02], L^AT_EX, the operating system, and add-on packages ggplot2[Wickham, <Date, primary>] and others using Sweave template beamerpostertest.Rnw. It took approx 3.07 sec to process.

- ▶ R version 2.15.1 (2012-06-22), i686-pc-linux-gnu
- ▶ Base packages: base, datasets, graphics, grDevices, methods, stats, utils
- ▶ Other packages: ggplot2 0.9.2.1, plyr 1.7.1, xtable 1.7-0
- ▶ Loaded via a namespace (and not attached): colorspace 1.1-1, dichromat 1.2-4, digest 0.5.2, grid 2.15.1, gtable 0.1.1, labeling 0.1, MASS 7.3-21, memoise 0.1, munsell 0.4, proto 0.3-9.2, RColorBrewer 1.0-5, reshape2 1.2.1, scales 0.2.2, stringr 0.6.1, tools 2.15.1

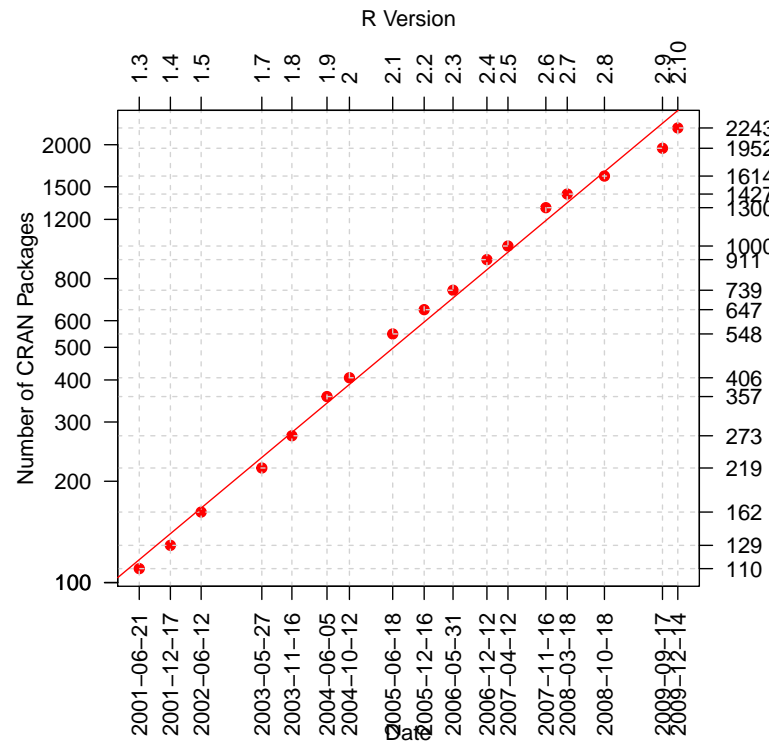
Tables

You can insert tables of data

```
> datatable<-data.frame(x=1:20,
+                         y=rnorm(20,mean=50, sd=15),
+                         type=as.factor(c("Red", "Blue", "Green", "Yellow", "Purple")))
> datatable$z<-datatable$y+(datatable$y^(datatable$x*0.1))
```

x	y	type	z
1	44.60	Red	46.07
2	61.32	Blue	63.60
3	65.36	Green	68.86
4	55.79	Yellow	60.78
5	53.43	Purple	60.74
6	51.90	Red	62.59
7	53.72	Blue	69.98
8	41.90	Green	61.75
9	23.35	Yellow	40.39
10	44.20	Purple	88.39
11	79.49	Red	202.60
12	53.91	Blue	173.59
13	40.91	Green	165.46
14	51.10	Yellow	297.57
15	45.35	Purple	350.74
16	57.20	Red	705.57
17	45.28	Blue	698.38
18	55.39	Green	1430.20
19	34.42	Yellow	866.30
20	35.37	Purple	1286.62

Packages



Lists

- ▶ You can make
- ▶ lists, that
- ▶ allow people to see quickly

Math

Include math within the text is as simple as $1 + 1 = 2$.

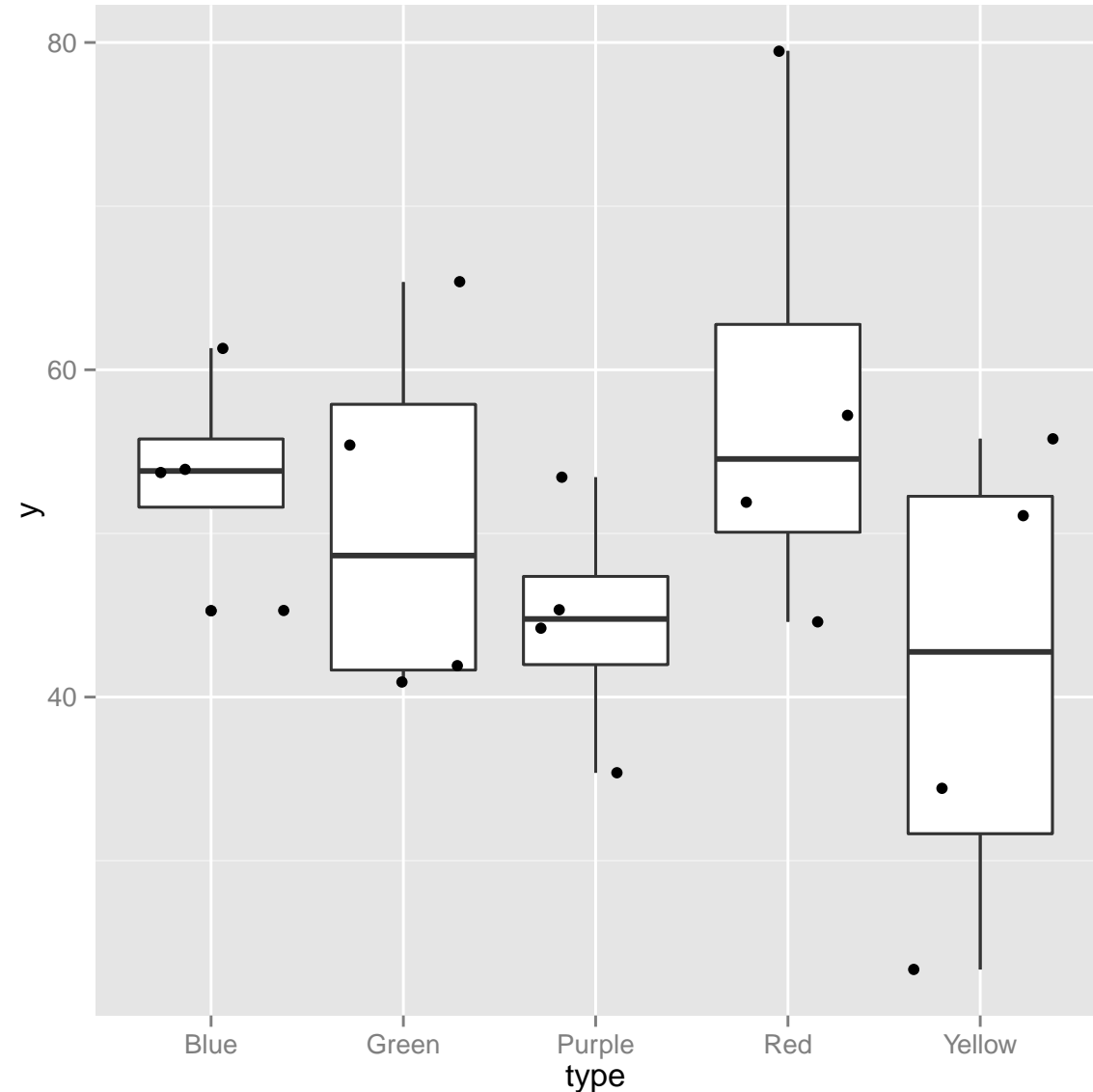
$$a^2 + b^2 = c^2 \quad (1)$$

You can also highlight more important equations like this:

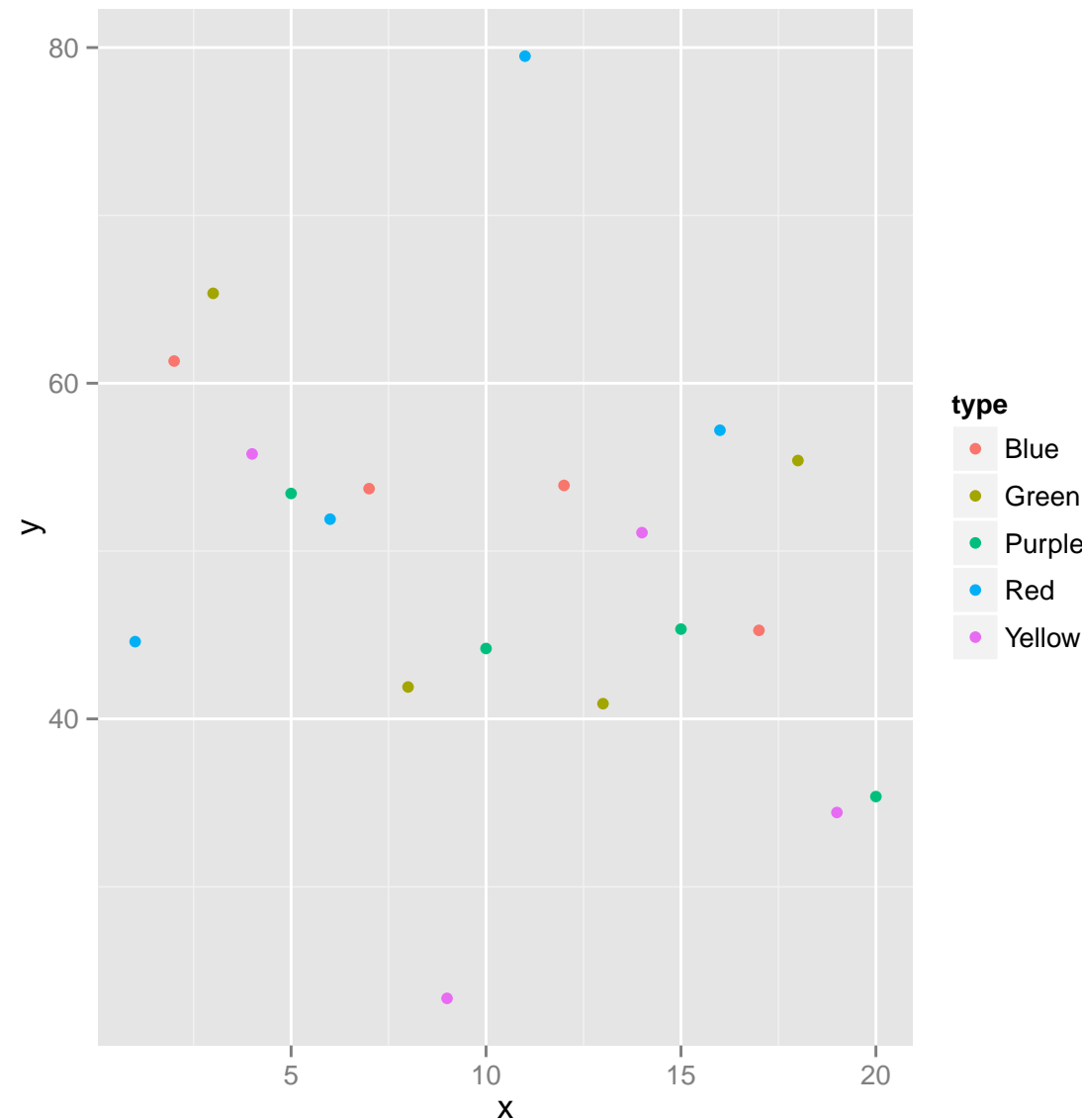
$$\int_0^1 \sin(x) + \cos^2(x) + \alpha x \, dx$$

and you can include theorems like this [Rolle] Let $f \in C^1([x_1, x_2]; \mathbb{R})$. If $f(x_1) = f(x_2)$, then there exists $x_3 \in (x_1, x_2)$ such that $f'(x_3) = 0$.

Pictures



Plots



Experiments

Remember to put lots of figures on your poster... Nobody reads anymore!

tiny size
scriptsize size
footnotesize size
small size
normalsize size
large size
Large size
LARGE size
huge size
Huge size

Conclusion

This is an alert block. Much less annoying than PowerPoint. Copy and Paste from your document. Overall, a great idea!

Logo

To change the logo (if you don't want to represent for Georgia Tech). Replace the file logo.png and with the logo of your choice! Make sure the background is black.

So, who uses R ?

Well, the buzz around R is growing. The popularity of R is growing, with articles appearing in major publications such as the New York Times[Ashlee, 09], Forbes and InfoWorld[?]



Today, R is used at many Fortune 500 companies such as Google, Merck, Pfizer, Shell and the FDA[Mat, 07] and many others.

Bibliography

- Vance Ashlee. Data analysts captivated by r's power. *The New York Times*, New York Edition:B6, 09.
- Friedrich Leisch. Sweave: Dynamic generation of statistical reports using literate data analysis. pages 575–580, 02.
- Soukup Mat. Using r: Perspectives of a fda statistical reviewer. 07.
- Hadley Wickham. *ggplot2: elegant graphics for data analysis*. Number <Issue>. Springer, New York, <Date, primary>.

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