LᴬTEX Gallery

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Abstract—**This is a small gallery of latex examples. I found some good figures/tables in the literature and reproduce them with latex. Every example corresponds to a standalone tex file in the folder submodules. A github repository is also available[1].**

Index Terms—LᴬTEX, Figure, Table

I. INTRODUCTION

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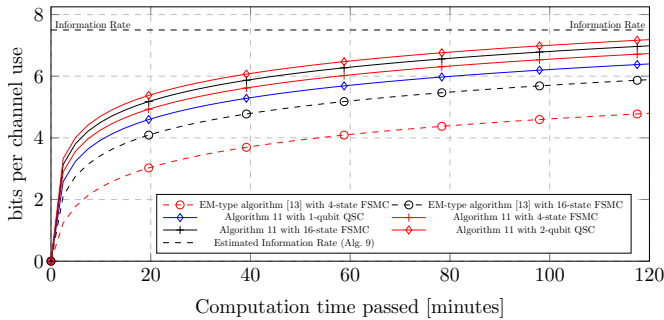
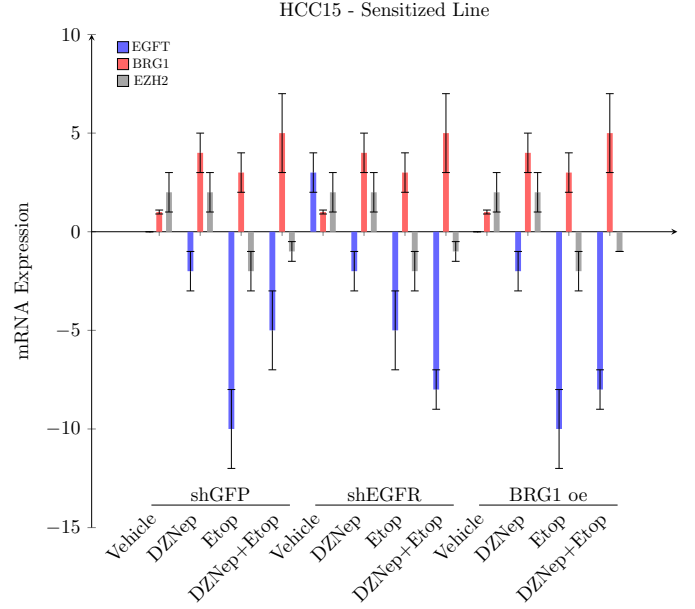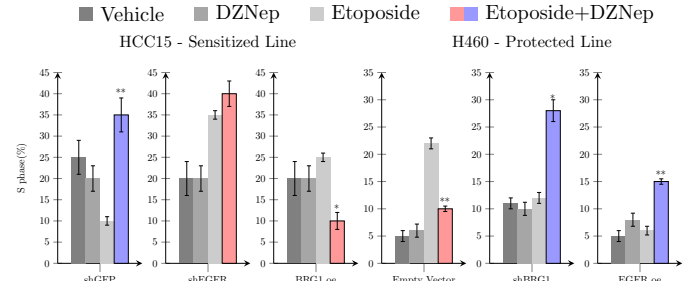[1]https://github.com/sujunyan/tex-gallery

Fig. 1: This is fig.11 from [1]

(a) A subcaption

(b) A subcaption

Fig. 2: Two of the sub-figures from Extended Data Figure 8 in [2].

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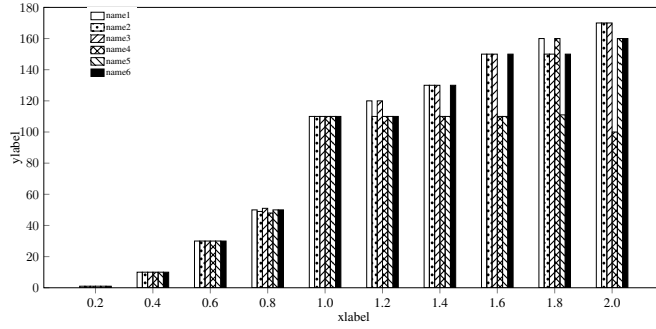
(a) A subcaption
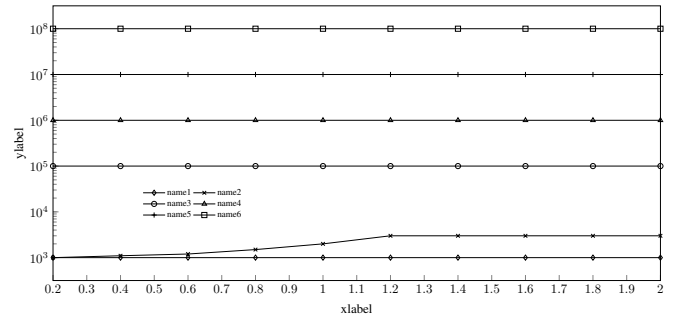
(b) A subcaption

Fig. 3: (A figure across two columns)

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Algorithm 1: Example code

Input: Your Input
Output: Your output
Data: Testing set x

1 $\sum_{i=1}^{\infty} := 0$ // this is a comment
  /* Now this is an if...else conditional loop   */
2 **if** *Condition 1* **then**
3 | Do something   // this is another comment
4 | **if** *sub-Condition* **then**
5 | Do a lot
6 **else if** *Condition 2* **then**
7 | Do Otherwise
    /* Now this is a for loop   */
8 | **for** *sequence* **do**
9 | loop instructions
10 **else**
11 | Do the rest
    /* Now this is a While loop   */
12 **while** *Condition* **do**
13 | Do somthing

Fig. 4: pcode example

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REFERENCES

[1] M. X. Cao and P. O. Vontobel. Bounding and estimating the classical information rate of quantum channels with memory. *IEEE Transactions on Information Theory*, 66(9):5601–5619, 2020.

[2] Christine M Fillmore, Chunxiao Xu, Pooja T Desai, Joanne M Berry, Samuel P Rowbotham, Yi-Jang Lin, Haikuo Zhang, Victor E Marquez, Peter S Hammerman, Kwok-Kin Wong, et al. Ezh2 inhibition sensitizes brg1 and egfr mutant lung tumours to topoii inhibitors. *Nature*, 520(7546):239–242, 2015.

Table 1: Literature on guidelines to review scientific papers

	Title	Description
Books	[Weller 2002] "Editorial Peer Review: Its Strengths and Weaknesses"	This is a sentence of description. This is a sentence of description. This is a sentence of description
	[Hames 2007] "Peer Preview and Manuscript Management in Scientific Journals"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
Journal Articles	[Parberry 1989] "A Guide for New Referees in Theoretical Computer Science"	This is a sentence of description. This is a sentence of description. This is a sentence of description
	[Smith 1990] "The Task of the Referee"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
	[Drummond and Jefferson 1996] "A Quick Guide to Writing a Solid Peer Review"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
	[Hoppin 2002] "How I Review an Original Scientific Article"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
	[Benos et al. 2003] "How to review a paper"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
	[Hirst and Altman 2012] "Are Peer Reviewers Encouraged to Use Reporting Guidelines?"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.
Reports	[Bernstein 2008] "Reviewing Conference Papers"	This is a sentence of description. This is a sentence of description. This is a sentence of description
	[King 2011] "The Editors Speak: What Makes a Good Review"	This is a sentence of description. This is a sentence of description. This is a sentence of description This is a sentence of description.

Fig. 5: table example 01

Table 1: Population variation in hatch success(mean percent) of unfertilized eggs for females from populations sampled in 1997.   ←-- Table legend

Population	mean (%)	Standard deviation	Range	N	←-- Column titles
Population name1^T	10	1	0-50	10	
Population name2^T	10	1	0-50	10	
Population name3^T	10	1	0-50	10	
Population name4^P	10	1	0-50	10	
Population name5^P	10	1	0-50	10	←-- Table body(data)
Population name6^P	10	1	0-50	10	
Population name7^L	10	1	0-50	10	
Population name8^L	10	1	0-50	10	
Population name9^L	10	1	0-50	10	

^{T} = temporary stream, ^{P} = permanent streams, ^{L} = lakes.   ←-- footnodes

Lines demarcating the ←-- different parts of the table

Fig. 6: table example 02