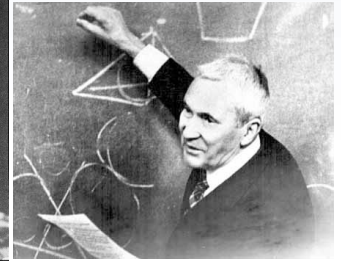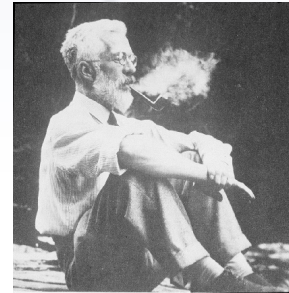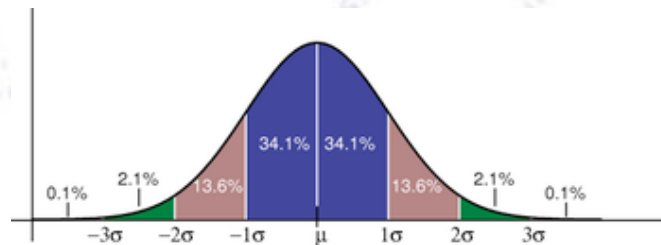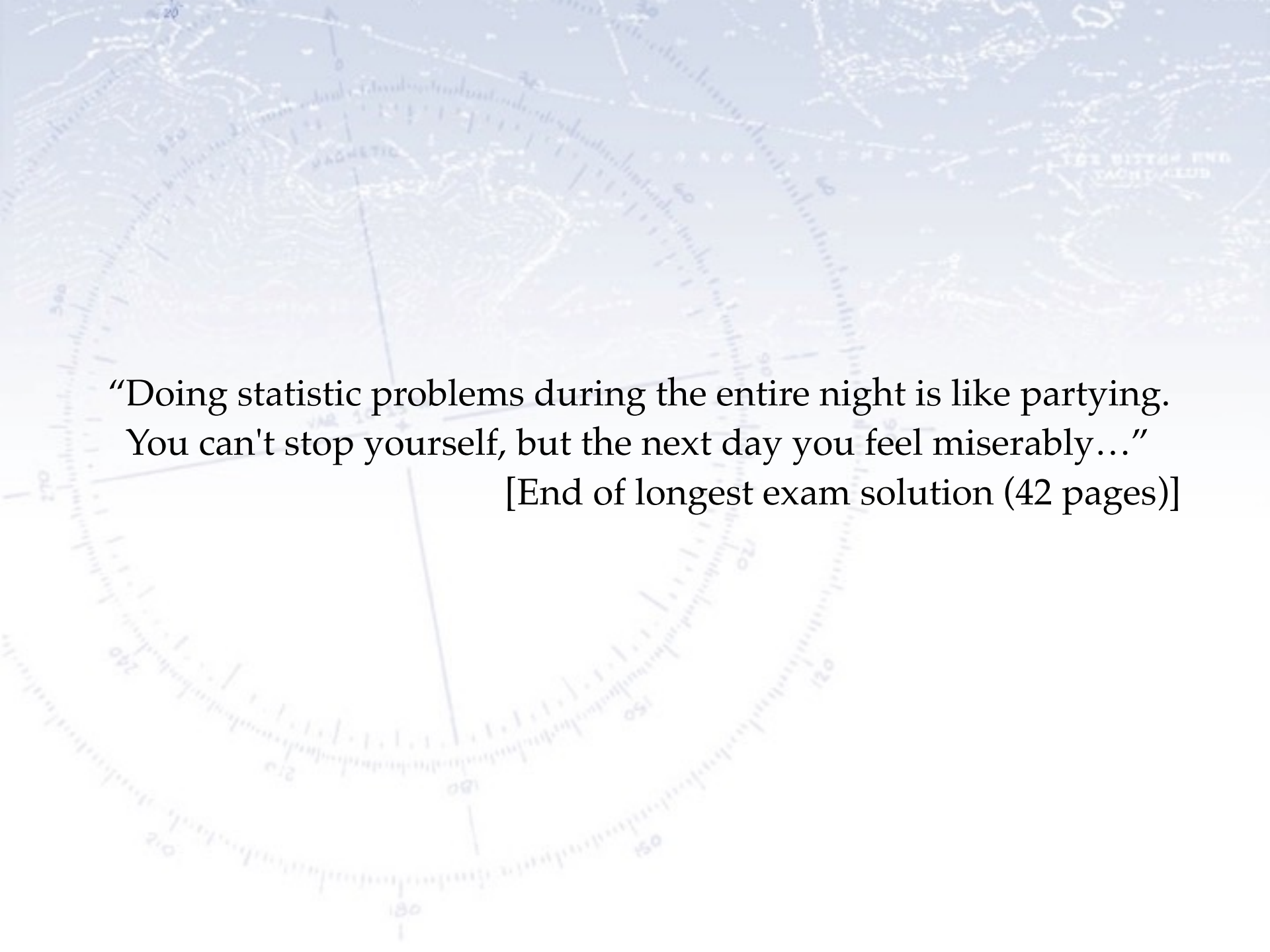# Applied Statistics

Exam results

Troels C. Petersen (NBI)

"Statistics is merely a quantisation of common sense"

"Doing statistic problems during the entire night is like partying. You can't stop yourself, but the next day you feel miserably…"

[End of longest exam solution (42 pages)]

Comment on code sharing!

Out of interest, we ran Moss (Measure Of Software Similarity) on your code, which is an automatic system for determining the similarity of programs (e.g. detecting plagiarism in programs). **Don't worry - nothing suspicious was found. Thank you!**

Moss Results

Tue Jan 22 04:54:30 PST 2019

Options -l python -d -m 4

[How to Read the Results | Tips | FAQ | Contact | Submission Scripts | Credits]

File 1	File 2	Lines Matched
py/ ████████ (32%)	py/ ████████ (43%)	411
py/ ████████ (7%)	py/ ████████ (6%)	68
py/ ████████ (8%)	py/ ████████ (6%)	82
py/ ████████ (7%)	py/ ████████ (13%)	52
py/ ████████ (4%)	py/ ████████ (4%)	95
py/ ████████ (20%)	py/ ████████ (14%)	84
py/ ████████ (3%)	py/ ████████ (0%)	68
py/ ████████ (7%)	py/ ████████ (7%)	54
py/ ████████ (5%)	py/ ████████ (5%)	69
py/ ████████ (11%)	py/ ████████ (12%)	62
py/ ████████ (3%)	py/ ████████ (2%)	51
py/ ████████ (4%)	py/ ████████ (4%)	43
py/ ████████ (3%)	py/ ████████ (4%)	30
py/ ████████ (2%)	py/ ████████ (2%)	55
py/ ████████ (2%)	py/ ████████ (2%)	77

Comment on code sharing!

Out of interest, we ran Moss (Measure Of Software Similarity) on your code, which is an automatic system for determining the similarity of programs (e.g. detecting plagiarism in programs). **Don't worry - nothing suspicious was found. Thank you!**

Moss Results

Tue Jan 22 04:54:30 PST 2019

Options -l python -d -m 4

Moss Results

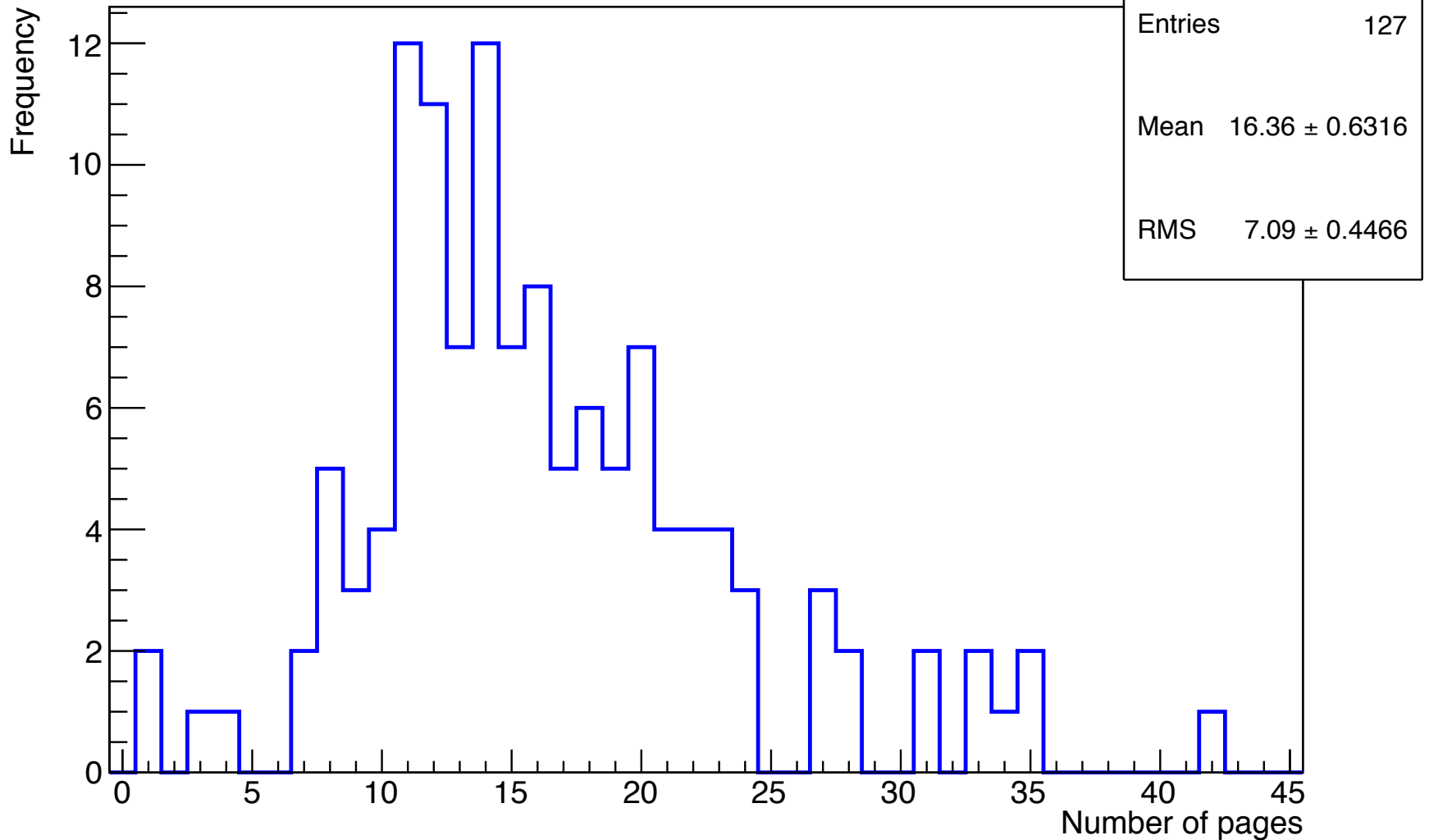Tue Jan 22 05:11:04 PST 2019

Options -l python -d -m 1000000

[How to Read the Results | Tips | FAQ | Contact | Submission Scripts | Credits]

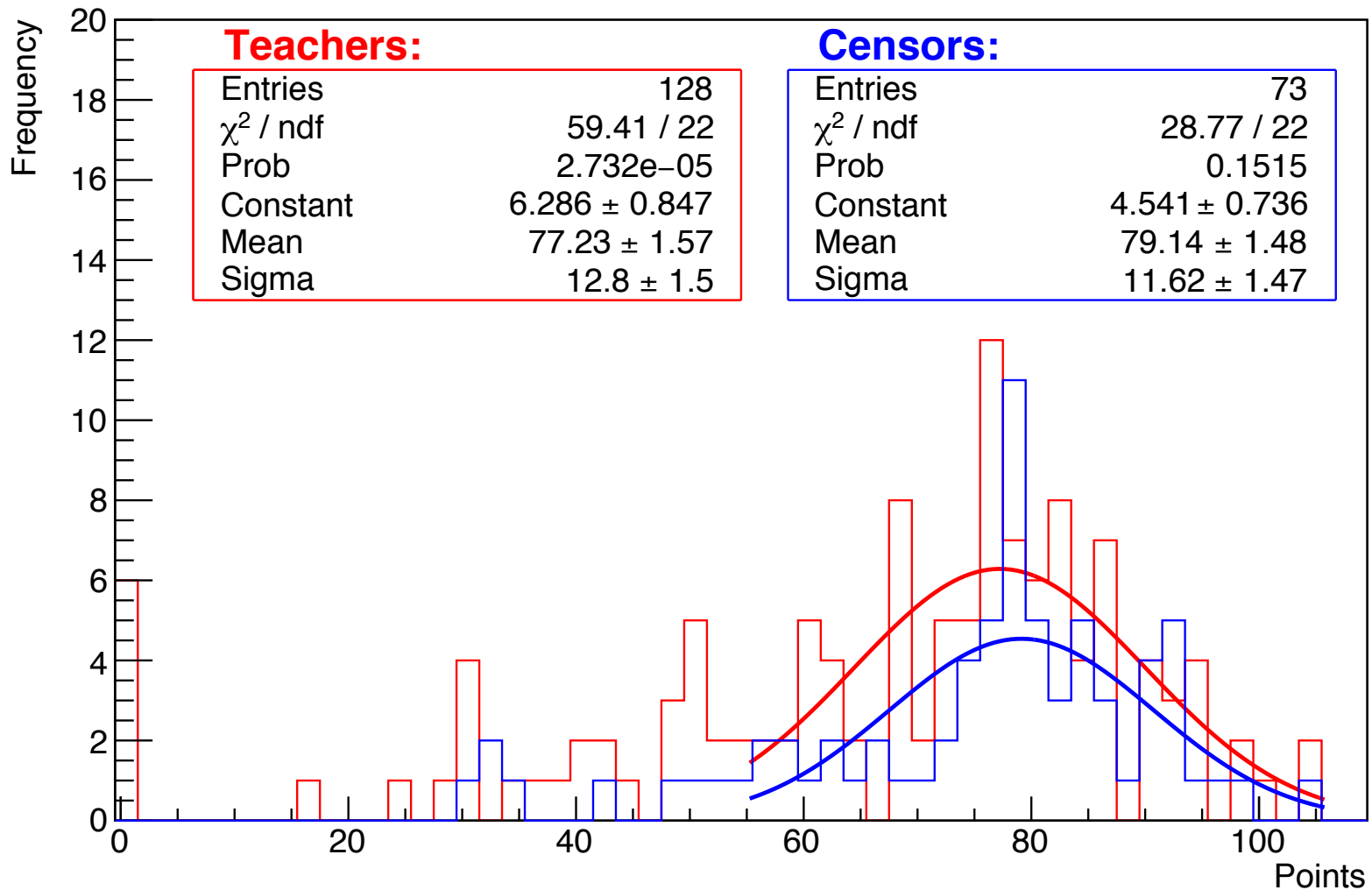| File 1	File 2	Lines Matched
py/ ████████ (85%)	py/ ████ 0/ (23%)	936
py/ ████ 36%)	py/ ████ 48%)	458
py/ ████ (31%)	py/ ████	424
py/ ████	py/ ████	38
py/ ████ / (7%)	py/ ████ / (7%)	54
py/ ████ / (5%)	py/ ████ / (5%)	69
py/ ████ (11%)	py/ ████ / (12%)	62
py/ ████ (3%)	py/ ████ (2%)	51
py/ ████ (4%)	py/ ████ (4%)	43
py/ ████ (3%)	py/ ████ (4%)	30
py/ ████ / (2%)	py/ ████ / (2%)	55
py/ ████ (2%)	py/ ████ / (2%)	77

Your results….

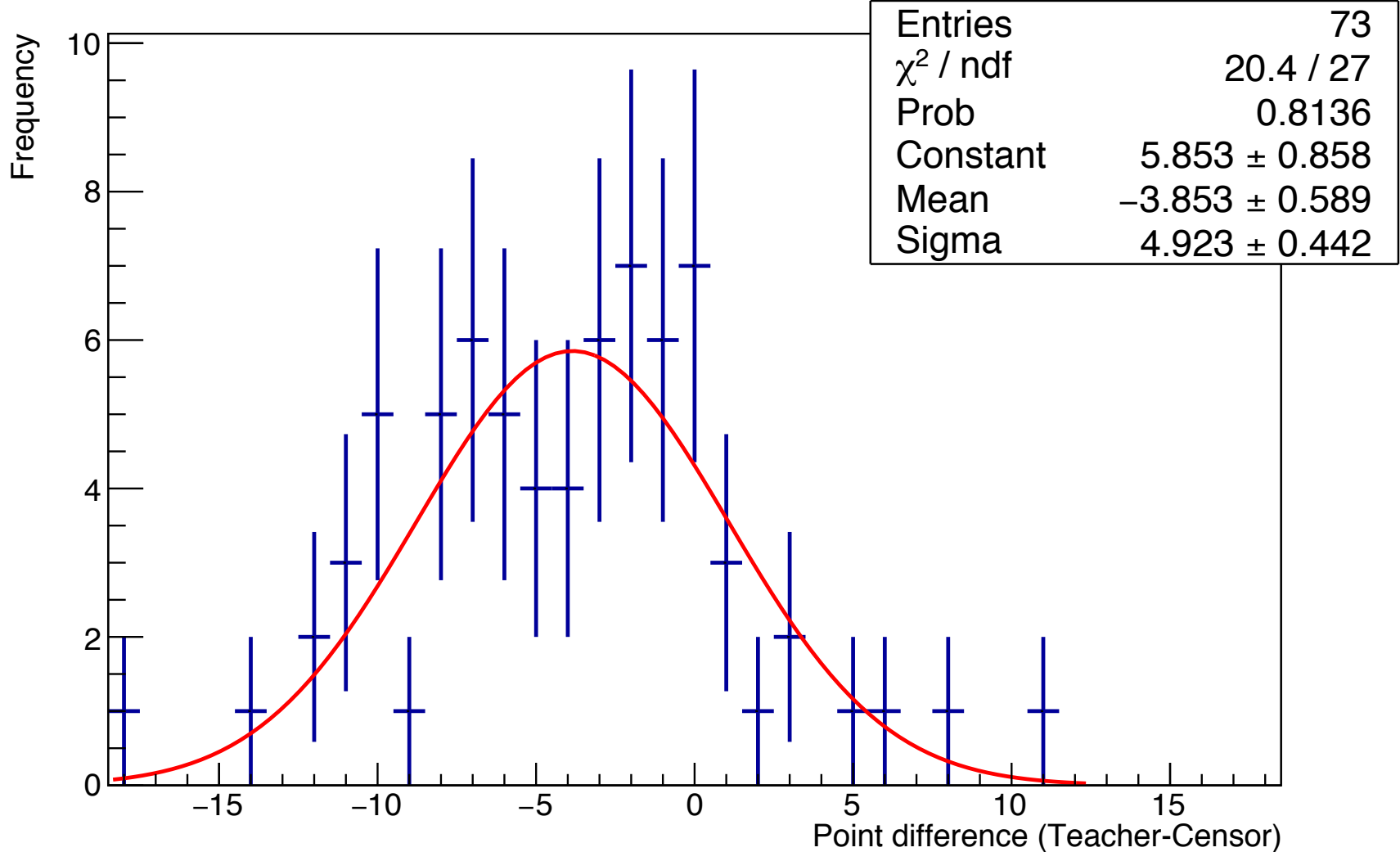# Number of pages in solution

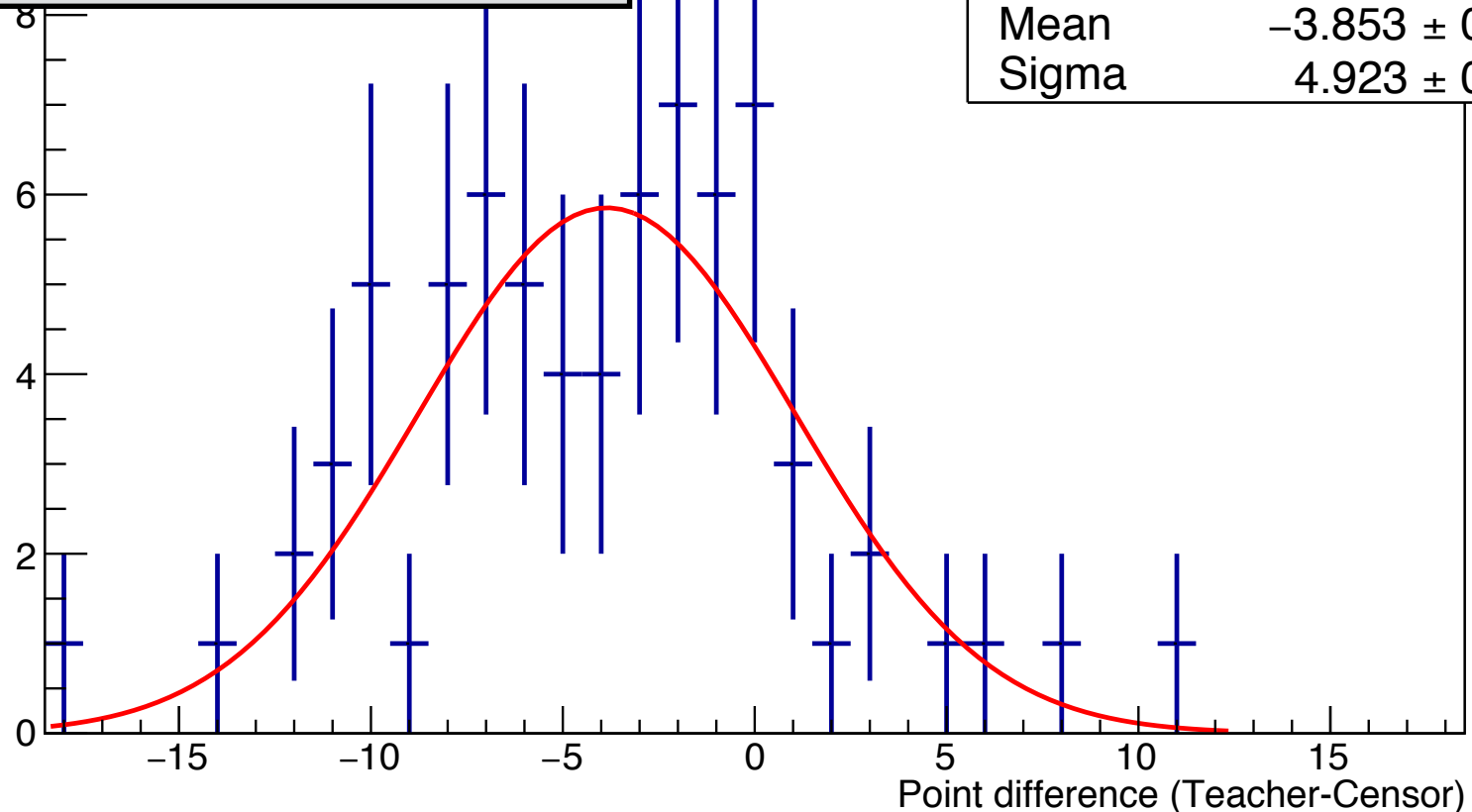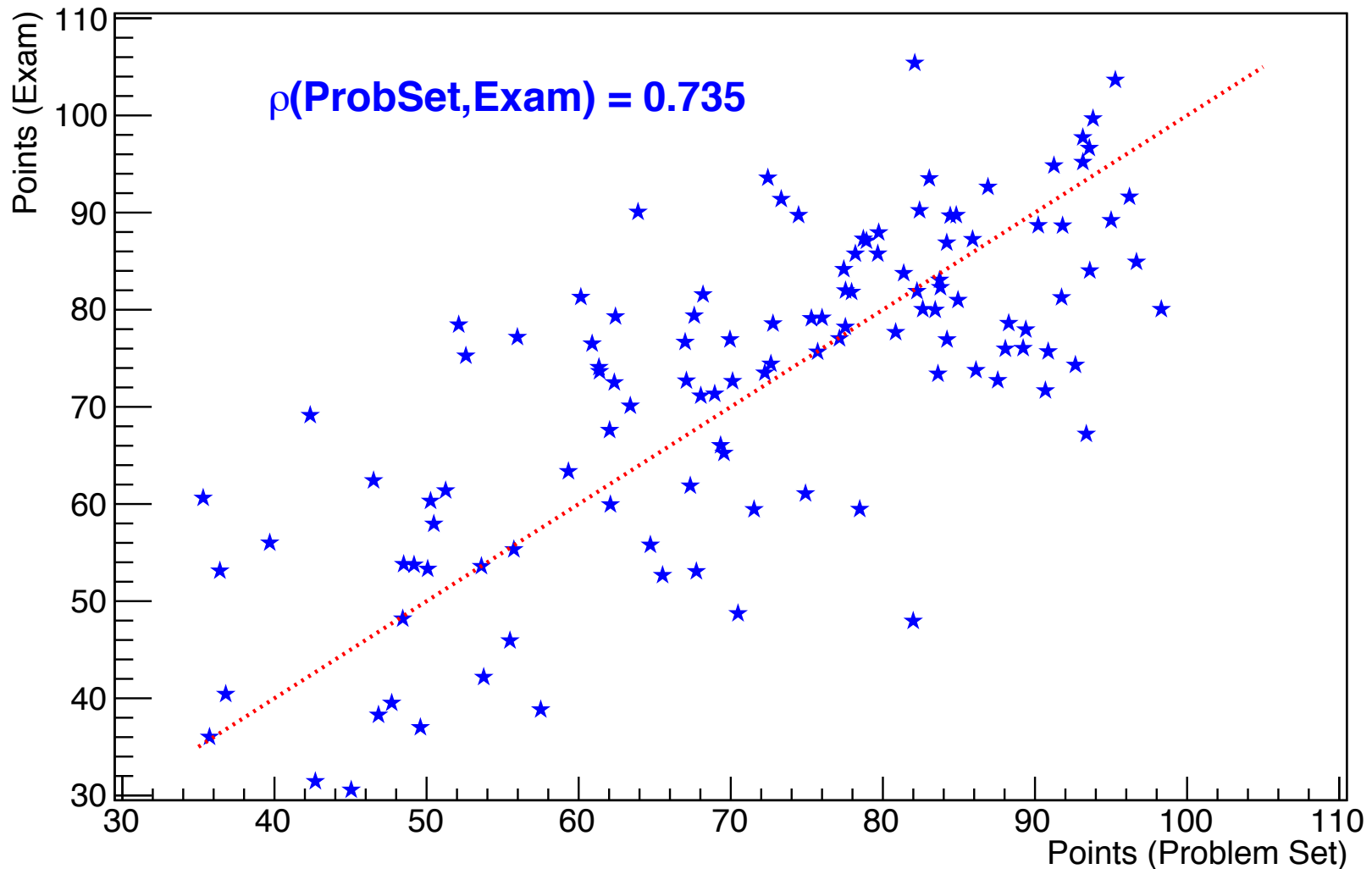# Size of PDF file
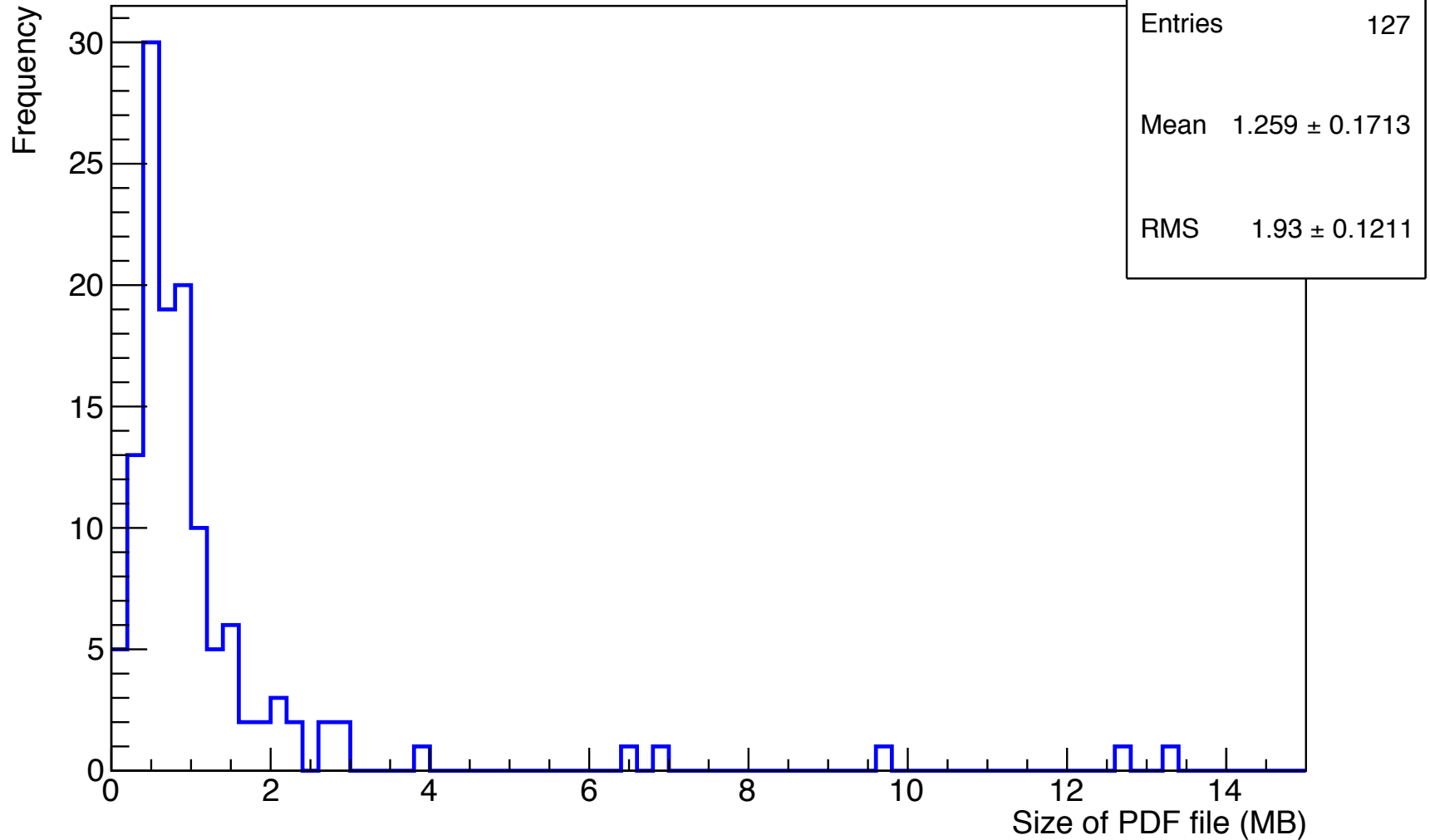
Points given for exam

Teacher-Censor difference

Teacher-Censor difference

Note: AppStat2016/17 had an average of 1.5/-0.8 and a spread of 3.4/3.9 points!

Entries	73
χ^2 / ndf	20.4 / 27
Prob	0.8136
Constant	5.853 ± 0.858
Mean	−3.853 ± 0.589
Sigma	4.923 ± 0.442

Point difference (Teacher-Censor)

ProblemSet-Exam correlation

Teacher-Censor correlation

$\rho(T,C) = 0.944$
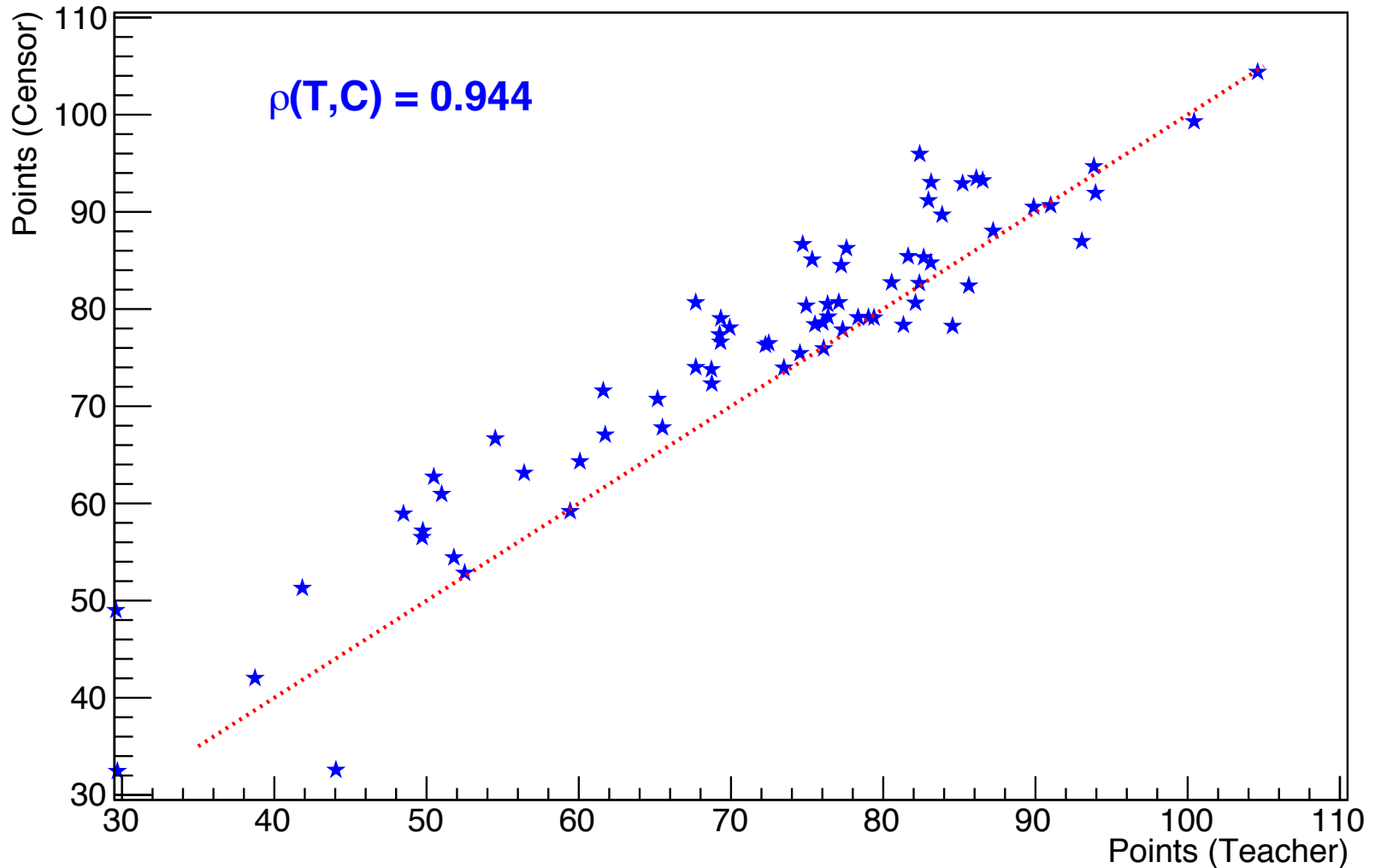
Total course points & grades

Thanks to the censors

Total number of sub-grades given in the exam alone is:
123 stud. x 28 prob./stud. x 2 grades/prob. = 6888
I believe that this ensures that grades are fair and with the minimal amount of error. And so no matter what, **the censors deserve credit - thank you to them**.
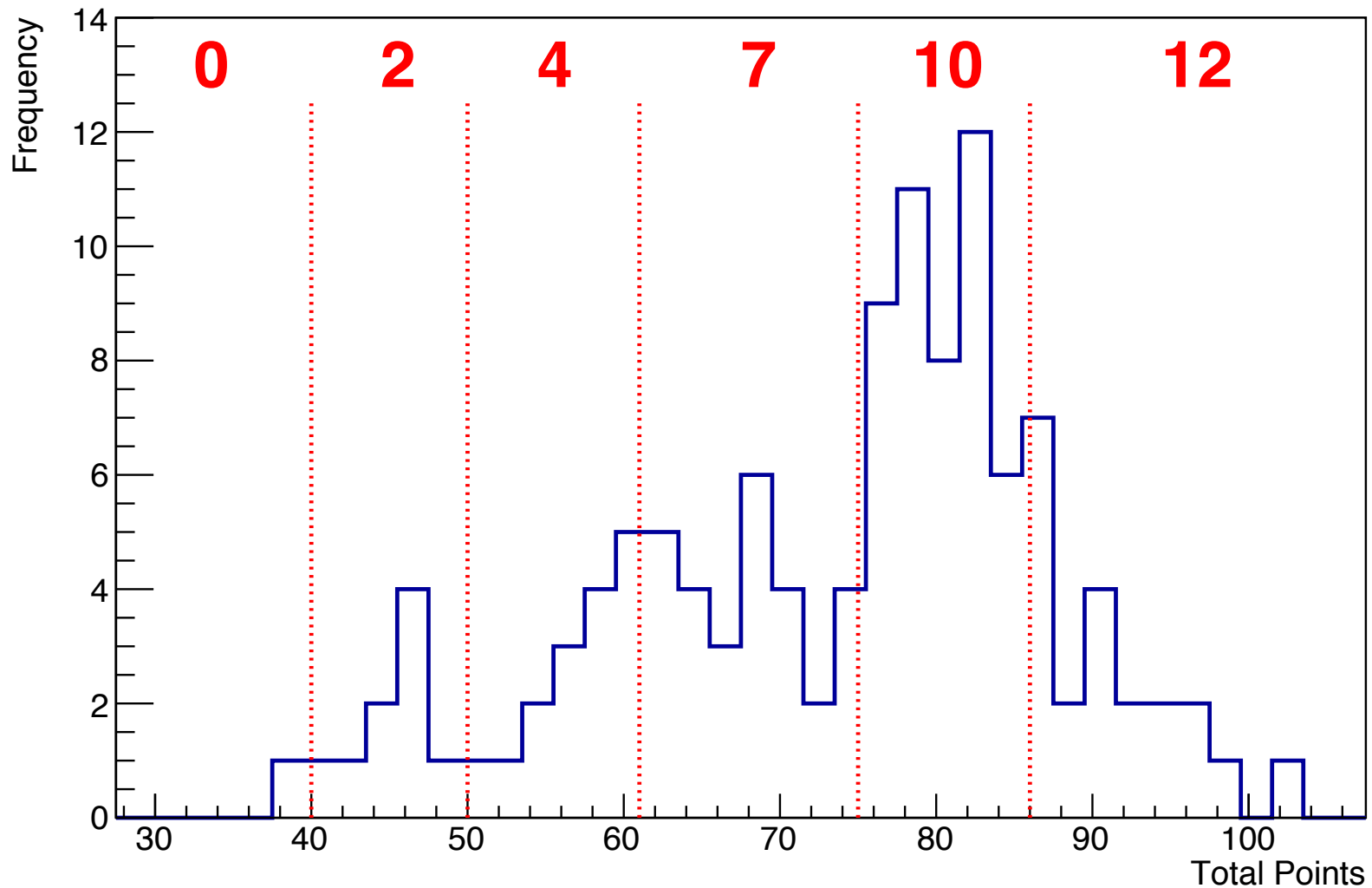
A personal thanks…
What a great team!

Without Christian, Vojtech, Etienne, Sebastien, and Giulia, this course would not run!

(in fact, I would be dead!)