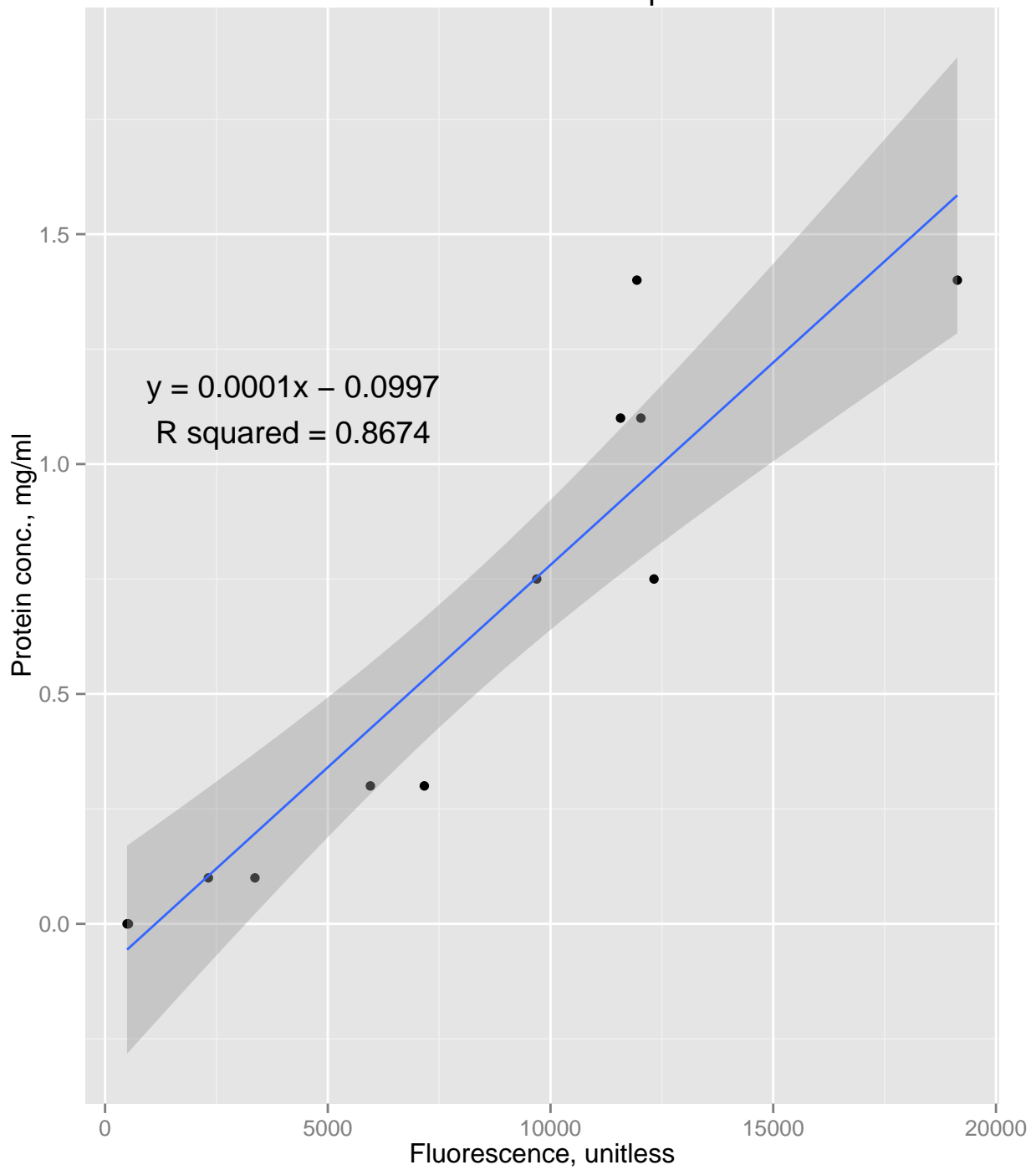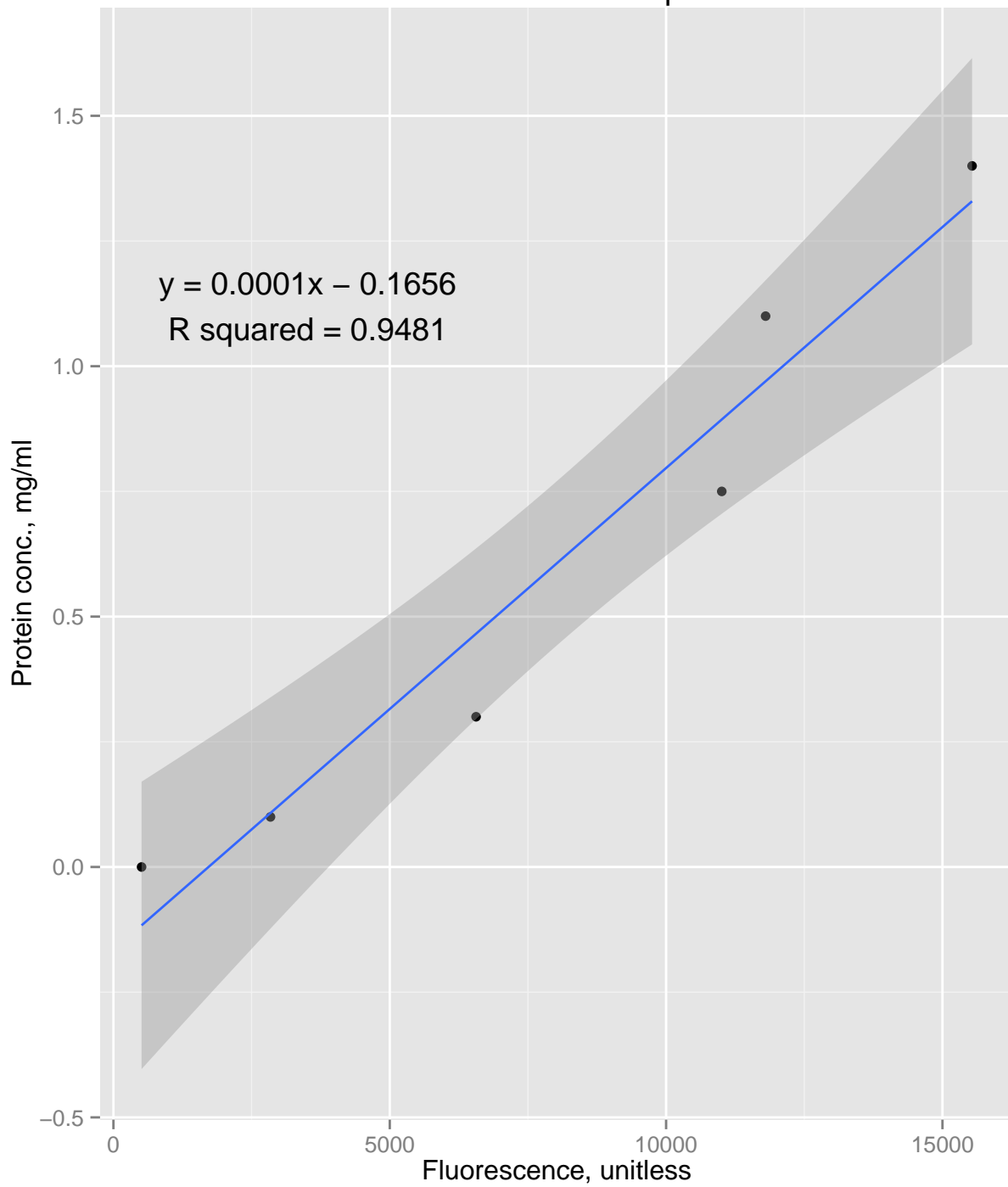# EROD Calibration charts

Alex

December 1, 2015

This script prints calibration charts for all text files in its directory.

Protein Calibration Curve w/o averaging
2015−11−26 EROD pr .txt

$y = 0.0001x − 0.0997$

R squared = 0.8674

Protein Calibration Curve
2015−11−26 EROD pr .txt

y = 0.0001x − 0.1656
R squared = 0.9481

Protein conc., mg/ml

Fluorescence, unitless

Resorufin Calibration Curve
2015−11−26 EROD pr .txt

$y = 0.0005x$

R squared = 0.9938

PRG 112: y = 0.0209x + 0.2847
PRG 113: y = 0.0275x + 0.3024
SHE 01: y = 0.0172x + 0.2556
SHE 02: y = 0.0012x + 0.1248
SHE 03: y = 0.0148x + 0.1836
SHE 04: y = 0.0198x + 0.2857
SHE 05: y = 0.0099x + 0.2608
SHE 06: y = 0.0123x + 0.5327
SHE 07: y = 0.0086x + 0.1597
SHE 08: y = 0.0136x + 0.2222
SHE 09: y = 0.0038x + 0.1142
SHE 10: y = 0.0073x + 0.1790
SHE 11: y = 0.0132x + 0.1999
SHE 12: y = 0.0154x + 0.2645
SHE 13: y = 0.0181x + 0.2187
SHE 14: y = 0.0171x + 0.2307
SHE 15: y = 0.0078x + 0.1296
SHE 16: y = 0.0313x + 0.2685
SHE 17: y = 0.0191x + 0.2073
SHE 18: y = 0.0072x + 0.2013
SHE 19: y = 0.0236x + 0.2382
SHE 20: y = 0.0114x + 0.1736
con +: y = 0.0297x + 0.3119
con −: y = 0.0016x + 0.1018

probe

- con −
- con +
- PRG 105
- PRG 106
- PRG 107
- PRG 108
- PRG 109
- PRG 110
- PRG 111
- PRG 112
- PRG 113
- SHE 01
- SHE 02
- SHE 03
- SHE 04
- SHE 05
- SHE 06
- SHE 07
- SHE 08
- SHE 09
- SHE 10
- SHE 11
- SHE 12
- SHE 13
- SHE 14
- SHE 15
- SHE 16
- SHE 17
- SHE 18
- SHE 19
- SHE 20