

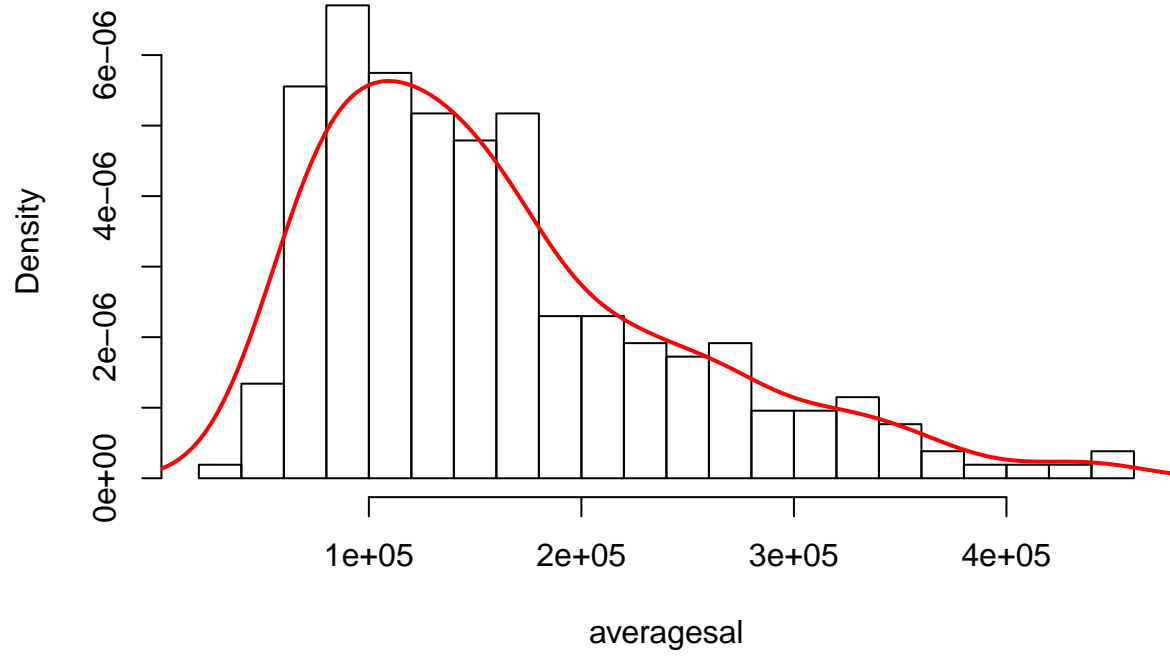
Data discription and transformation

Yiyang LIU

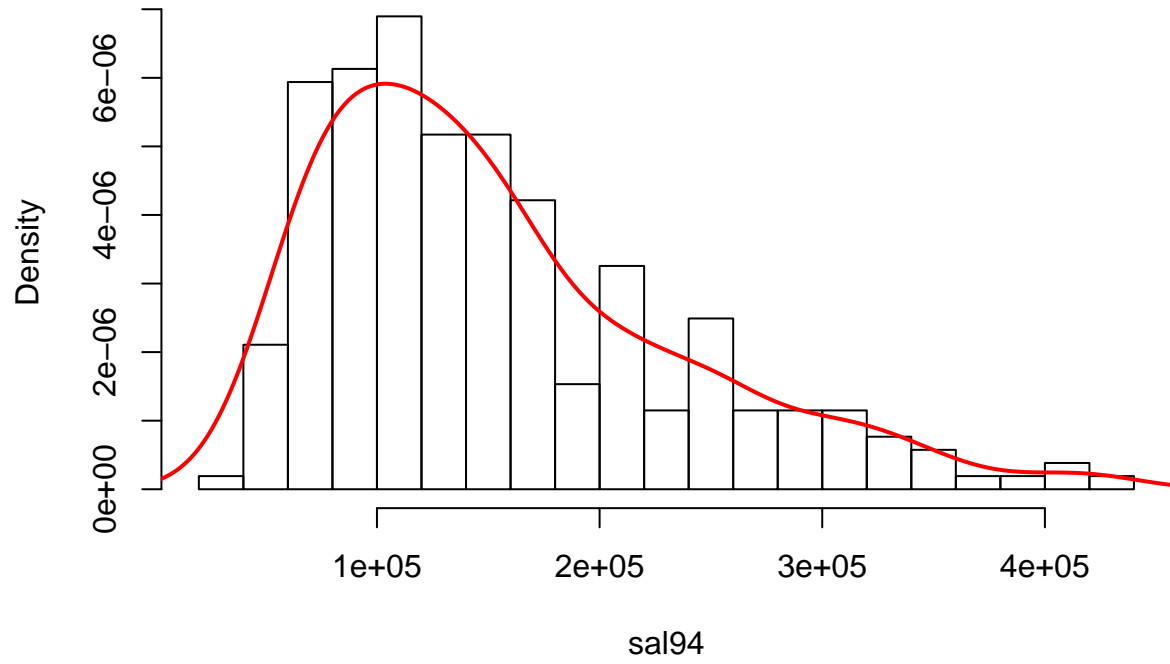
2019/12/4

	Female (N=106)	Male (N=155)	Total (N=261)
Department,n(%)			
- Biochemistry/Molecular Biology	20 (18.9%)	30 (19.4%)	50 (19.2%)
- Physiology	20 (18.9%)	20 (12.9%)	40 (15.3%)
- Genetics	11 (10.4%)	10 (6.5%)	21 (8.0%)
- Pediatrics	20 (18.9%)	10 (6.5%)	30 (11.5%)
- Medicine	30 (28.3%)	50 (32.3%)	80 (30.7%)
- Surgery	5 (4.7%)	35 (22.6%)	40 (15.3%)
Clin,n(%)			
- Primarily research emphasis	46 (43.4%)	55 (35.5%)	101 (38.7%)
- Primarily clinical emphasis	60 (56.6%)	100 (64.5%)	160 (61.3%)
Cert,n(%)			
- Nor certified	36 (34.0%)	37 (23.9%)	73 (28.0%)
- Board certified	70 (66.0%)	118 (76.1%)	188 (72.0%)
prate			
- Mean (SD)	5.35 (1.89)	4.65 (1.94)	4.93 (1.94)
- Median (Q1, Q3)	5.25 (3.73, 7.27)	4.00 (3.10, 6.70)	4.40 (3.20, 6.90)
exper			
- Mean (SD)	7.49 (4.17)	12.10 (6.70)	10.23 (6.23)
- Median (Q1, Q3)	7.00 (5.00, 10.00)	10.00 (7.00, 15.00)	9.00 (6.00, 14.00)
Rank,n(%)			
- Assistant	69 (65.1%)	43 (27.7%)	112 (42.9%)
- Associate	21 (19.8%)	43 (27.7%)	64 (24.5%)
- Full professor	16 (15.1%)	69 (44.5%)	85 (32.6%)
sal94			
- Mean (SD)	118871.27 (56168.01)	177338.76 (85930.54)	153593.34 (80469.88)
- Median (Q1, Q3)	108457.00 (75774.50, 143096.00)	155006.00 (109687.00, 231501.50)	133284.00 (90770.75, 204288.75)
sal95			
- Mean (SD)	130876.92 (62034.51)	194914.09 (94902.73)	168906.66 (88770.60)
- Median (Q1, Q3)	119135.00 (82345.25, 154170.50)	170967.00 (119952.50, 257163.00)	148117.00 (99973.75, 216060.75)

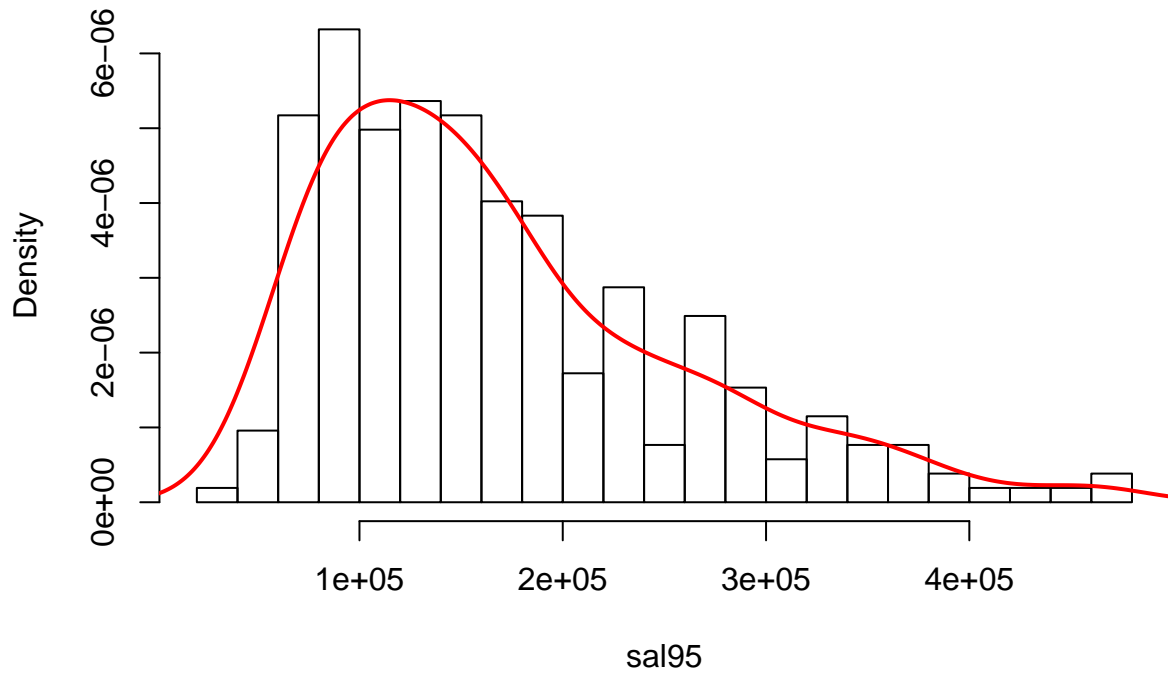
The distribution for outcomes



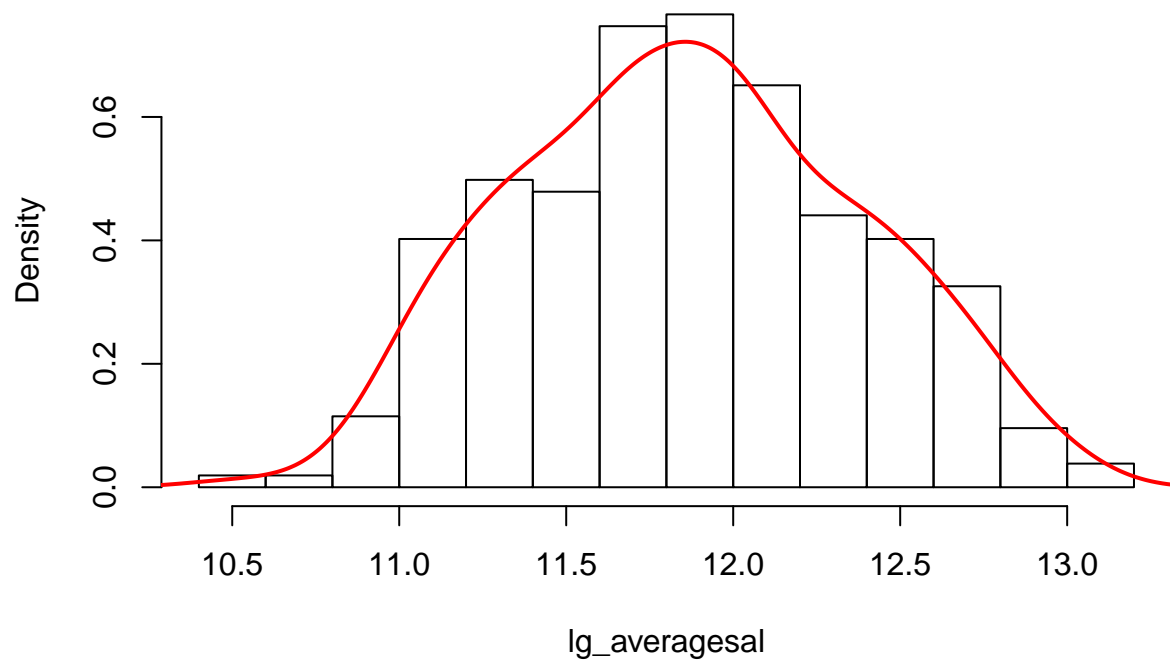
The distribution for outcomes



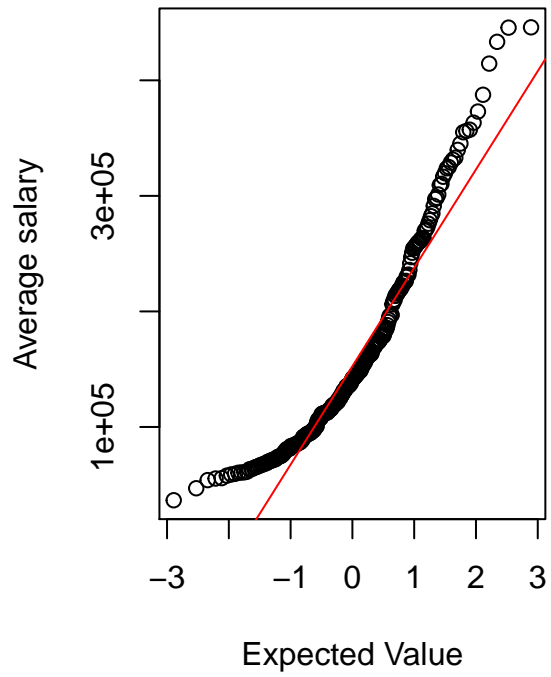
The distribution for outcomes



The distribution for lg_outcomes



QQ Plot for average salary



QQ Plot for Lg(average salary)

