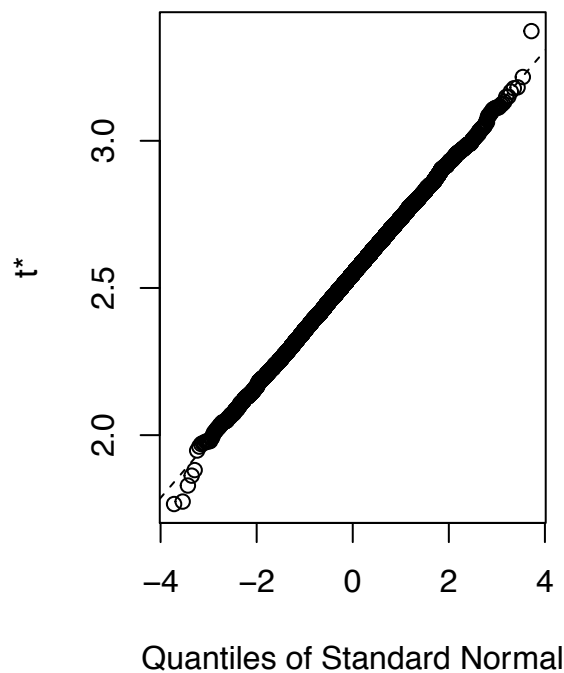
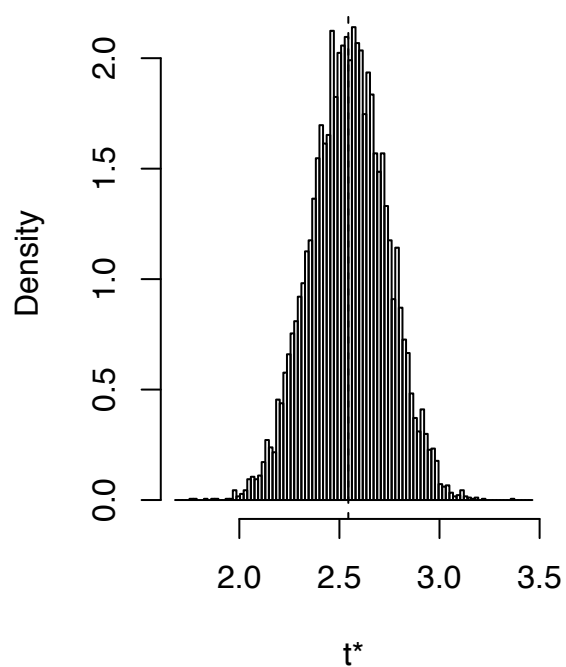


# Bootstrap

12/10/2017

**Histogram of  $t$**



**Histogram of  $t$**

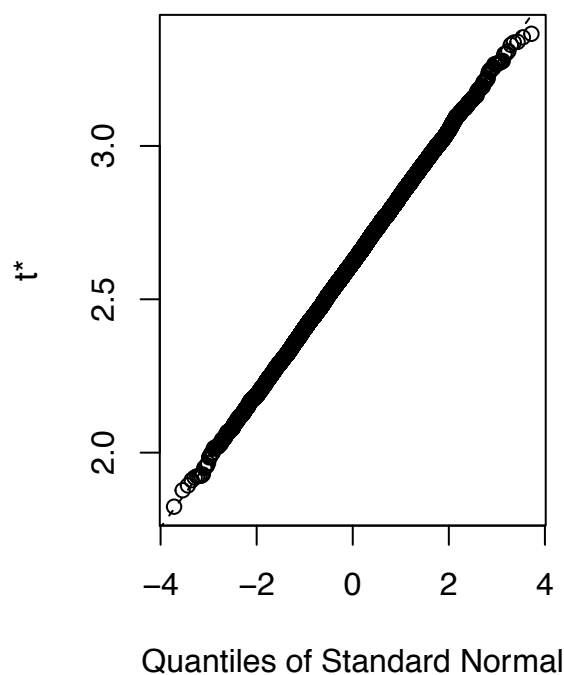
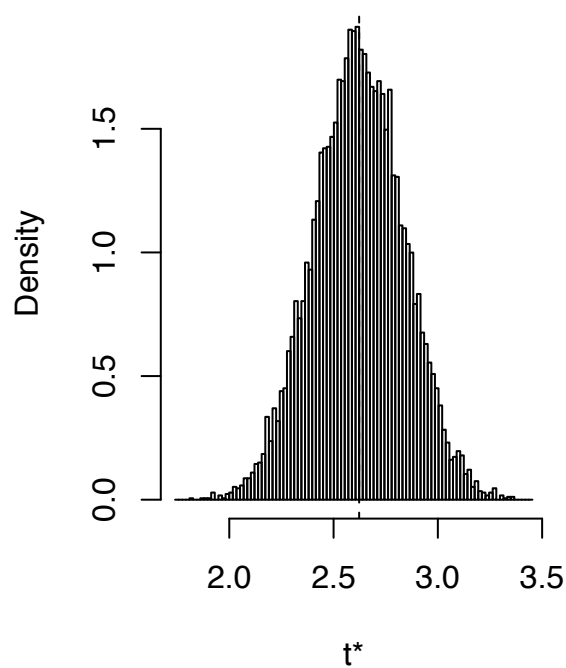


Table 1: Bootstrap Results

term	Without Outliers			With Outliers		
	statistic.x	bias.x	std.error.x	statistic.y	bias.y	std.error.y
(Intercept)	2.544457e+00	0.0021360	0.1899204	2.622674e+00	-0.0013755	0.2163197
<b>MSE</b>	<b>5.027133e+05</b>	<b>0.0000000</b>	<b>0.0000000</b>	<b>4.653837e+05</b>	<b>0.0000000</b>	<b>0.0000000</b>
age	9.601500e-03	-0.0000125	0.0009231	9.256400e-03	0.0000024	0.0010693
cindexmoderate	1.323495e-01	0.0000995	0.0476684	8.110640e-02	-0.0008285	0.0590062
cindexnormal	2.514590e-02	0.0003921	0.0342440	7.521400e-03	-0.0004333	0.0370376
cindexsevere	1.775025e-01	-0.0001622	0.0429975	1.936234e-01	-0.0001134	0.0460371
evisit	6.423470e-02	0.0000215	0.0094992	6.761140e-02	-0.0000699	0.0101344
genderMale	6.111530e-02	-0.0005467	0.0294903	5.710630e-02	0.0003605	0.0332412
heartrate_transformed	-2.061199e+03	-3.9609113	299.7790114	-1.984046e+03	2.3909867	316.7818512
insurancetypeMedicare	-1.447609e-01	0.0006947	0.0718486	-1.702282e-01	0.0019790	0.0823503
insurancetypePrivate	-1.855449e-01	0.0007378	0.0678834	-2.389063e-01	0.0023377	0.0792384
is30dayreadmit1	1.801712e-01	-0.0000599	0.0416331	1.703039e-01	-0.0002002	0.0486956
maritalstatusNot Married	8.850070e-02	-0.0003381	0.0295479	7.789310e-02	0.0004271	0.0329472
mean_arterial_pressure	-5.852700e-03	0.0000023	0.0008327	-5.659000e-03	-0.0000075	0.0009446
respirationrate_transformed	-1.787335e+02	-0.6924503	29.8187420	-1.910947e+02	-0.0836135	36.4915687
temperature_catlow	-5.932970e-02	0.0008713	0.0910043	-9.679270e-02	-0.0001436	0.1119435
temperature_catnormal	-2.456611e-01	0.0008706	0.0577718	-2.671740e-01	0.0004264	0.0646951

Table 2: Bootstrap MSE and CI

term	mse	conf	lower	upper
without outliers	502713.3	0.95	2.171368	2.910700
with outliers	465383.7	0.95	2.204063	3.049841