

**Simulasi untuk Estimasi Parameter dalam Metode Bootstrap  
Pemasukan data melalui file INPUT.EXE**

N data : 15  
 Data 1 : 576.00  
 Data 2 : 635.00  
 Data 3 : 558.00  
 Data 4 : 578.00  
 Data 5 : 666.00  
 Data 6 : 580.00  
 Data 7 : 555.00  
 Data 8 : 661.00  
 Data 9 : 651.00  
 Data 10 : 605.00  
 Data 11 : 653.00  
 Data 12 : 575.00  
 Data 13 : 545.00  
 Data 14 : 572.00  
 Data 15 : 594.00

Bibit bilangan random (stream) : 85  
 Mean empiris : 600.266663

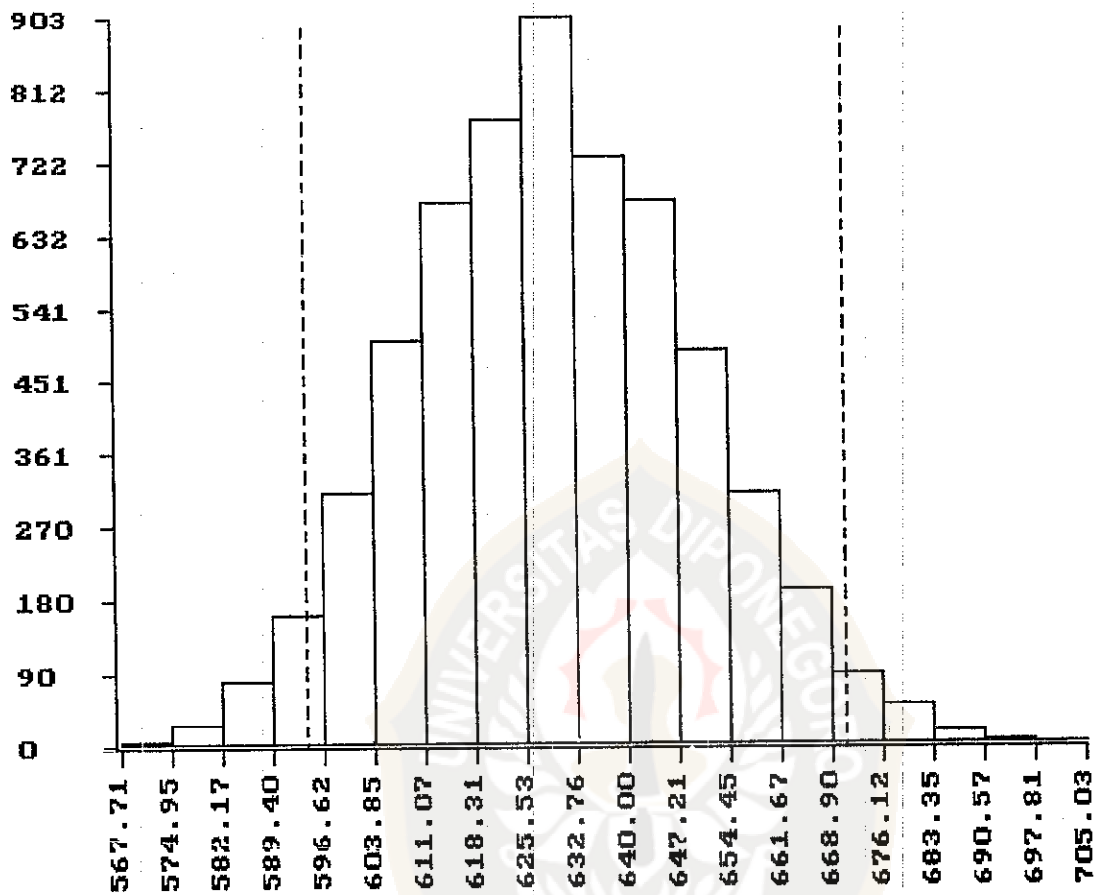
Replikasi	Mean Bootstrap	Bias	Standar Dev.	Int. Keyakinan 90%
500	600.144470	-0.122192	10.272442	(581.786133,620.307190)
1000	600.079346	-0.187317	10.265013	(581.786133,621.746277)
1500	600.165833	-0.100830	10.201134	(581.904175,621.828430)
2000	600.078247	-0.188416	10.221823	(581.904175,622.151733)
2500	600.065430	-0.201233	10.258228	(581.904175,622.198669)
3000	600.141052	-0.125610	10.233897	(581.904175,621.846680)
3500	600.150879	-0.115784	10.189595	(581.904175,622.151733)
4000	600.203491	-0.063171	10.189595	(581.904175,621.916016)
4500	600.233948	-0.032715	10.231641	(581.904175,621.769775)
5000	600.212341	-0.054321	10.207329	(581.904175,621.846680)

Bibit bilangan random (stream) : 99.

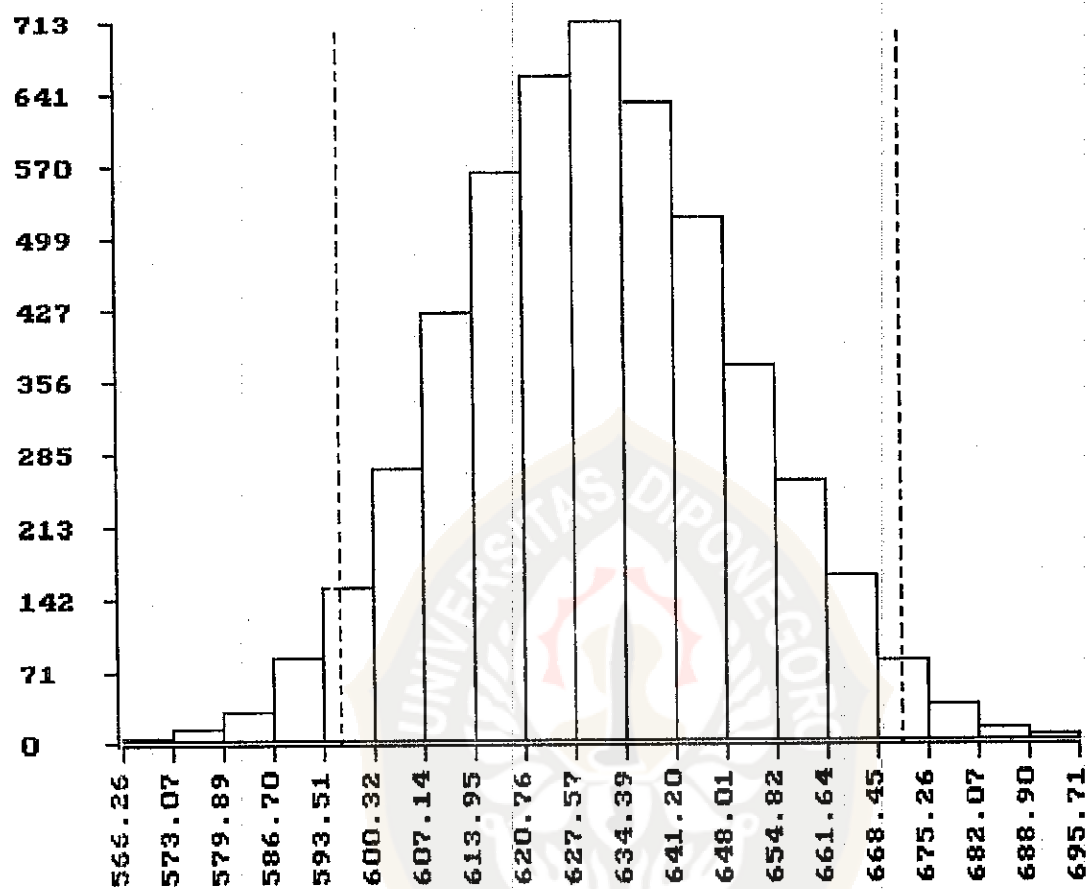
Replikasi	Mean Bootstrap	Bias	Standar Dev.	Int. Keyakinan 90%
500	600.948059	0.122192	10.425382	(581,850281,619.716370)
1000	600.777100	0.510437	10.692949	(581,850281,620.605408)
2000	600.731201	0.464539	10.439157	(581.850281,621.301147)
3000	600.451843	0.185181	10.447371	(581.853271,621.710693)
3500	600.399170	0.132507	10.461562	(581.853271,621.940247)
4000	600.353699	0.087036	10.484097	(581.904175,621.965454)
4500	600.309937	0.043274	10.462534	(581.904175,622.121765)
5000	600.318359	0.051697	10.458307	(581.853271,622.209595)
5500	600.330872	0.064209	10.486181	(581.853271,622.161987)
6000	600.327332	0.060669	10.534335	(581.853271,622.138977)

Bibit bilangan random (stream) : 25

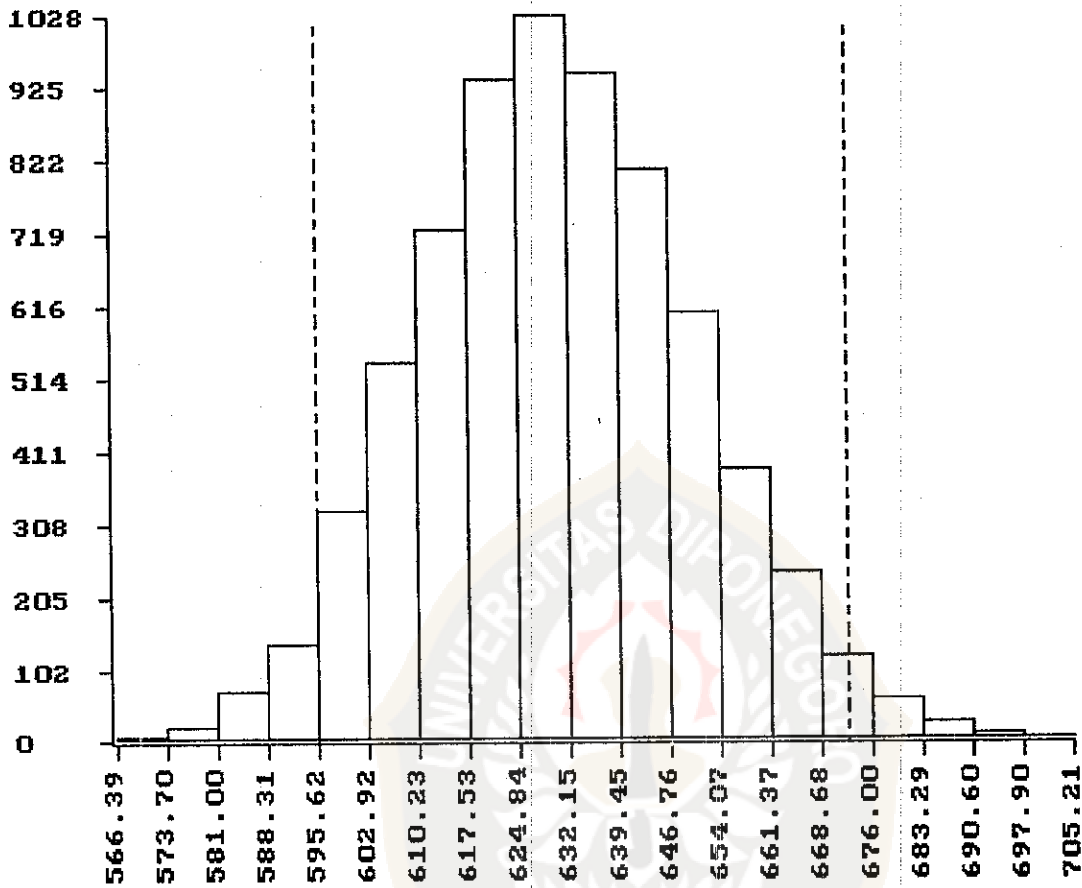
Replikasi	Mean Bootstrap	Bias	Standar Dev.	Int. Keyakinan 90%
500	599.267456	-0.999207	10.523974	(581,771423,624.291687)
1000	599.583679	-0.682983	10.647854	(581,771423,624.505249)
1500	599.585938	-0.685938	10.533746	(581.819336,625.554260)
2000	599.977478	-0.289185	10.501836	(581.819336,623.710571)
2500	599.036194	-0.230469	10.537393	(581.819336,623.356750)
3000	599.092773	-0.173889	10.450596	(581.819336,623.313538)
3500	599.064636	-0.202036	10.359603	(581.819336,623.219299)
4000	599.099243	-0.167419	10.374084	(581.819336,622.473511)
4500	600.153076	-0.113586	10.402343	(581.858093,622.296509)
5000	600.233521	-0.033142	10.387188	(581.858093,622.051941)
5500	600.257385	-0.009277	10.418145	(581.858093,621.875977)
6000	600.252319	-0.014343	10.425965	(581.858093,621.875977)
6500	600.204163	-0.062500	10.443810	(581.884155,622.051941)
7000	600.177917	-0.088745	10.449935	(581.884155,622.296509)



Histogram hasil pembootstrapan dengan stream 99 dan banyaknya replikasi 6000.



Histogram hasil pembootstrapan dengan stream 85 dan banyaknya replikasi 5000.



Histogram hasil pembootstrapan dengan stream 25 dan banyaknya replikasi 7000.