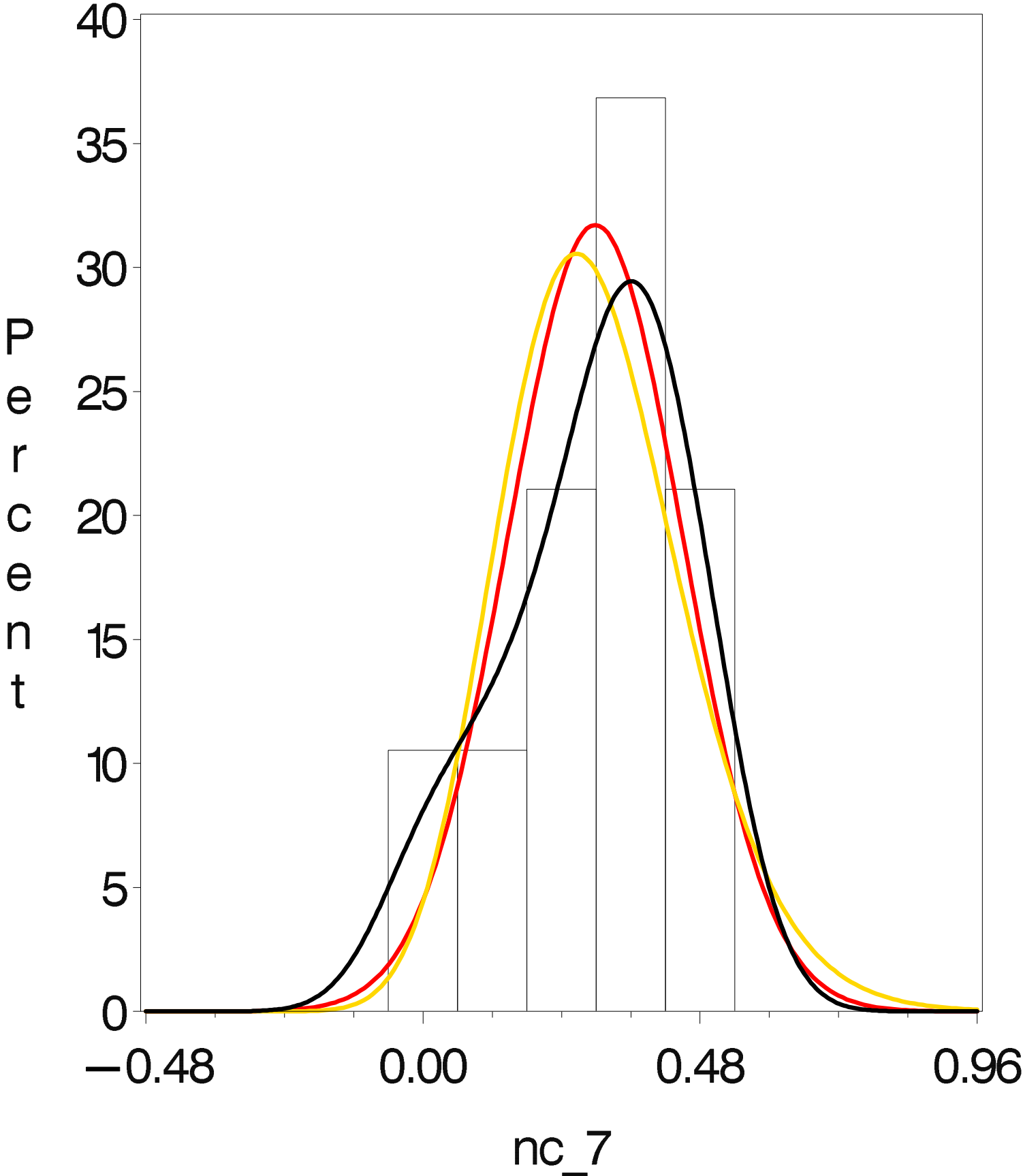


North Carolina Basis
Corn, Jan, At Market monr1 (7)



**The CAPABILITY Procedure
Fitted Normal Distribution for nc_7**

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	0.298421
Std Dev	Sigma	0.15097

Goodness-of-Fit Tests for Normal Distribution					
Test	Statistic		DF	p Value	
Kolmogorov-Smirnov	D	0.16196914		Pr > D	>0.150
Cramer-von Mises	W-Sq	0.06304551		Pr > W-Sq	>0.250
Anderson-Darling	A-Sq	0.39357443		Pr > A-Sq	>0.250
Chi-Square	Chi-Sq	2.84206803	2	Pr > Chi-Sq	0.241

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	-0.01000	-0.05279
5.0	-0.01000	0.05010
10.0	0.02000	0.10495
25.0	0.21000	0.19659
50.0	0.32000	0.29842
75.0	0.41000	0.40025
90.0	0.50000	0.49190
95.0	0.51000	0.54674
99.0	0.51000	0.64963

The CAPABILITY Procedure
Fitted Lognormal Distribution for nc_7

Parameters for Lognormal Distribution		
Parameter	Symbol	Estimate
Threshold	Theta	-0.83168
Scale	Zeta	0.113206
Shape	Sigma	0.141308
Mean		0.299422
Std Dev		0.160635

Goodness-of-Fit Tests for Lognormal Distribution					
Test	Statistic		DF	p Value	
Kolmogorov-Smirnov	D	0.18878255		Pr > D	0.017
Cramer-von Mises	W-Sq	0.09389695		Pr > W-Sq	0.044
Anderson-Darling	A-Sq	0.57255824		Pr > A-Sq	0.037
Chi-Square	Chi-Sq	3.91878291	2	Pr > Chi-Sq	0.141

Quantiles for Lognormal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	-0.01000	-0.02556
5.0	-0.01000	0.05593
10.0	0.02000	0.10269
25.0	0.21000	0.18638
50.0	0.32000	0.28818
75.0	0.41000	0.40017
90.0	0.50000	0.51051
95.0	0.51000	0.58121
99.0	0.51000	0.72404