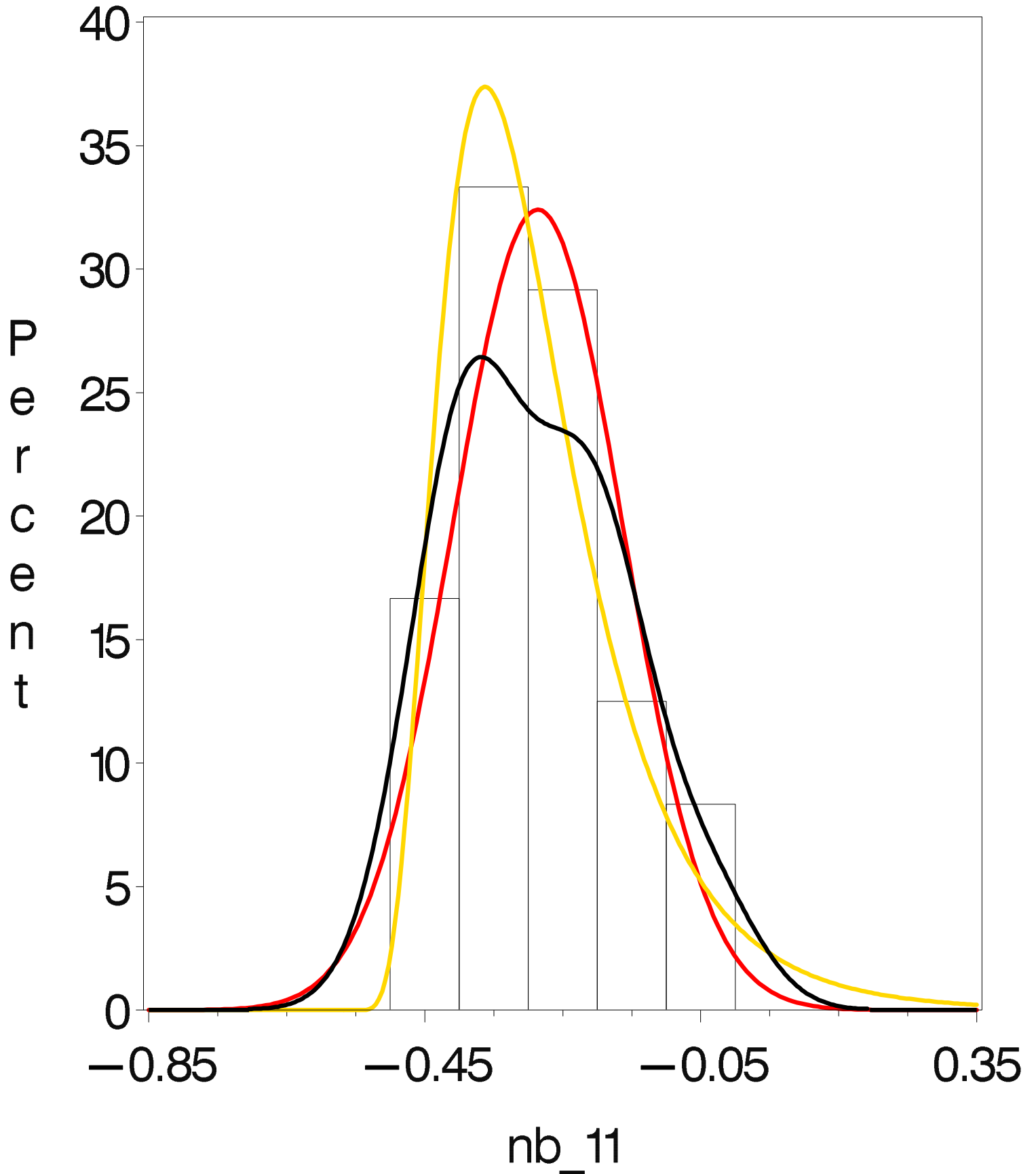


North Carolina Basis

Soybeans, Oct, At Market mtula (11)



The CAPABILITY Procedure
Fitted Normal Distribution for nb_11

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	-0.28625
Std Dev	Sigma	0.123105

Goodness-of-Fit Tests for Normal Distribution					
Test	Statistic		DF	p Value	
Kolmogorov-Smirnov	D	0.16851334		Pr > D	0.078
Cramer-von Mises	W-Sq	0.09614533		Pr > W-Sq	0.123
Anderson-Darling	A-Sq	0.56902124		Pr > A-Sq	0.130
Chi-Square	Chi-Sq	1.14503562	2	Pr > Chi-Sq	0.564

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	-0.48000	-0.57264
5.0	-0.43000	-0.48874
10.0	-0.42000	-0.44402
25.0	-0.38500	-0.36928
50.0	-0.30000	-0.28625
75.0	-0.21000	-0.20322
90.0	-0.14000	-0.12848
95.0	-0.05000	-0.08376
99.0	-0.03000	0.00014

The CAPABILITY Procedure
Fitted Lognormal Distribution for nb_11

Parameters for Lognormal Distribution		
Parameter	Symbol	Estimate
Threshold	Theta	-0.56732
Scale	Zeta	-1.36805
Shape	Sigma	0.467592
Mean		-0.2833
Std Dev		0.140404

Goodness-of-Fit Tests for Lognormal Distribution					
Test	Statistic		DF	p Value	
Kolmogorov-Smirnov	D	0.14071761		Pr > D	0.127
Cramer-von Mises	W-Sq	0.08577155		Pr > W-Sq	0.077
Anderson-Darling	A-Sq	0.46932000		Pr > A-Sq	0.104
Chi-Square	Chi-Sq	0.71375844	2	Pr > Chi-Sq	0.700

Quantiles for Lognormal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	-0.48000	-0.48153
5.0	-0.43000	-0.44933
10.0	-0.42000	-0.42748
25.0	-0.38500	-0.38158
50.0	-0.30000	-0.31271
75.0	-0.21000	-0.21831
90.0	-0.14000	-0.10375
95.0	-0.05000	-0.01792
99.0	-0.03000	0.18827