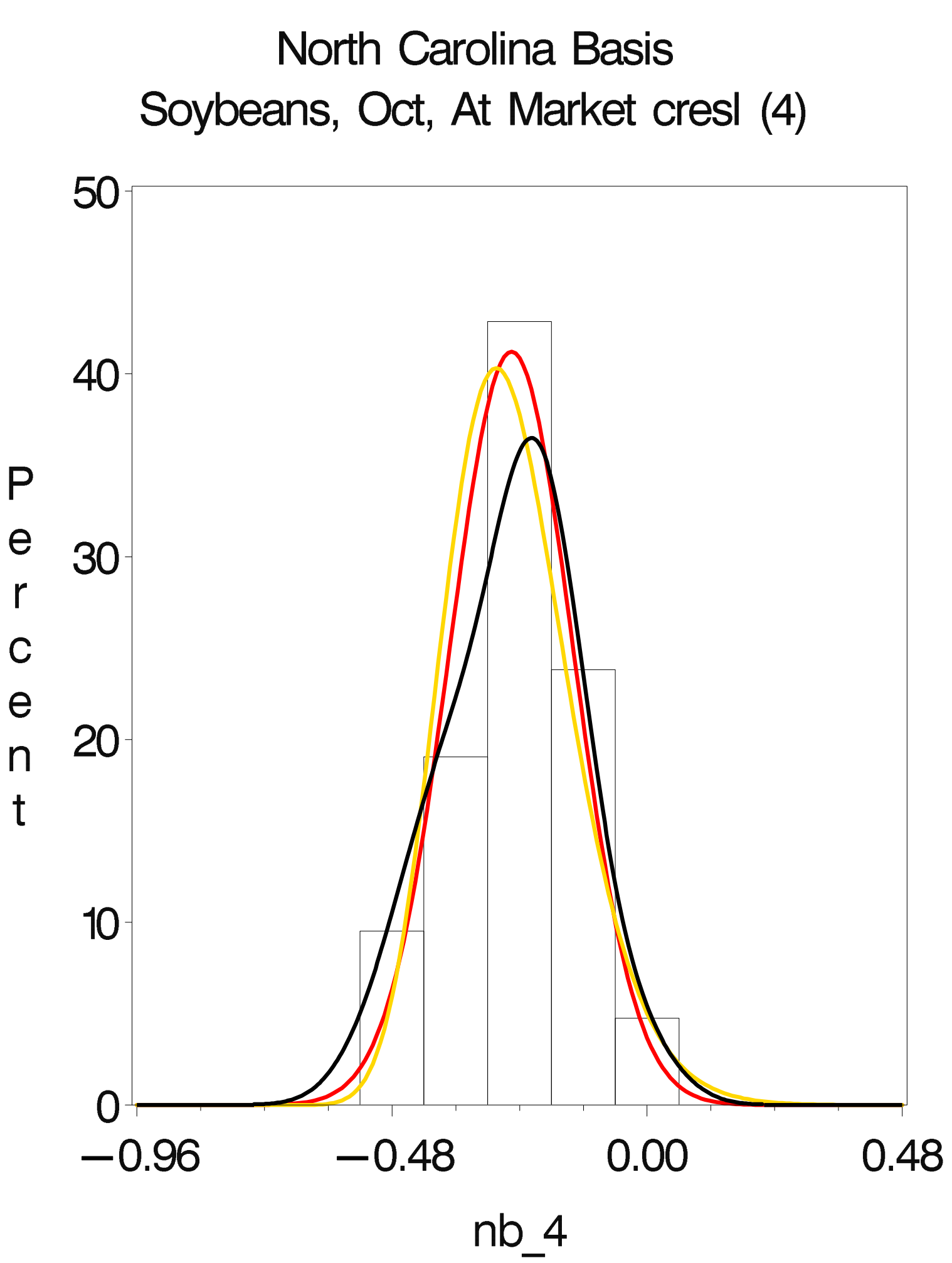
North Carolina Basis
Soybeans, Oct, At Market cresl (4)
Percent
50
40
30
20
10
0
−0.96
−0.48
0.00
0.48
nb_4

The CAPABILITY Procedure
Fitted Normal Distribution for nb_4

Parameters for Normal Distribution		
Parameter	**Symbol**	**Estimate**
Mean	Mu	-0.25524
Std Dev	Sigma	0.11613

Goodness-of-Fit Tests for Normal Distribution					
Test	**Statistic**		**DF**	**p Value**	
Kolmogorov-Smirnov	**D**	0.15031265		**Pr > D**	>0.150
Cramer-von Mises	**W-Sq**	0.07049465		**Pr > W-Sq**	>0.250
Anderson-Darling	**A-Sq**	0.38795167		**Pr > A-Sq**	>0.250
Chi-Square	**Chi-Sq**	0.83895638	2	**Pr > Chi-Sq**	0.657

Quantiles for Normal Distribution		
	Quantile	
Percent	**Observed**	**Estimated**
1.0	-0.50000	-0.52540
5.0	-0.43000	-0.44626
10.0	-0.40000	-0.40406
25.0	-0.35000	-0.33357
50.0	-0.24000	-0.25524
75.0	-0.17000	-0.17691
90.0	-0.16000	-0.10641
95.0	-0.12000	-0.06422
99.0	-0.02000	0.01492

The CAPABILITY Procedure
Fitted Lognormal Distribution for nb_4

Parameters for Lognormal Distribution		
Parameter	**Symbol**	**Estimate**
Threshold	Theta	-1.00065
Scale	Zeta	-0.3061
Shape	Sigma	0.163408
Mean		-0.25444
Std Dev		0.122755

Goodness-of-Fit Tests for Lognormal Distribution					
Test	**Statistic**		**DF**	**p Value**	
Kolmogorov-Smirnov	**D**	0.18100214		**Pr > D**	0.018
Cramer-von Mises	**W-Sq**	0.10661692		**Pr > W-Sq**	0.025
Anderson-Darling	**A-Sq**	0.55896567		**Pr > A-Sq**	0.044
Chi-Square	**Chi-Sq**	1.65208174	2	**Pr > Chi-Sq**	0.438

Quantiles for Lognormal Distribution		
	Quantile	
Percent	**Observed**	**Estimated**
1.0	-0.50000	-0.49719
5.0	-0.43000	-0.43788
10.0	-0.40000	-0.40346
25.0	-0.35000	-0.34118
50.0	-0.24000	-0.26434
75.0	-0.17000	-0.17854
90.0	-0.16000	-0.09281
95.0	-0.12000	-0.03728
99.0	-0.02000	0.07620