Sorghum: The coefficient is 0.000, with a p-value of 0.694, indicating no significant relationship between Sorghum and Beef_Value_SlaughterMarket.

SoyaBeans: The coefficient is 0.003, with a p-value of 0.005, indicating a significant positive relationship between SoyaBeans and Beef_Value_SlaughterMarket. As SoyaBeans increases by 1 unit, the Beef_Value_SlaughterMarket increases by 0.003 units, holding other variables constant.

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	SoyaBeans, Beef_Production_BillionPounds, BeefConsumption_US, Barley, Sorghum, Maize[b]	.	Enter

a. Dependent Variable: Beef_Value_SlaughterMarket

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.896[a]	.803	.712	6.57258	.803	8.846	6	13	<.001

a. Predictors: (Constant), SoyaBeans, Beef_Production_BillionPounds, BeefConsumption_US, Barley, Sorghum, Maize

b. Dependent Variable: Beef_Value_SlaughterMarket

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2292.714	6	382.119	8.846	<.001[b]
	Residual	561.584	13	43.199		
	Total	2854.298	19			

a. Dependent Variable: Beef_Value_SlaughterMarket

b. Predictors: (Constant), SoyaBeans, Beef_Production_BillionPounds, BeefConsumption_US, Barley, Sorghum, Maize

Coefficients[a]

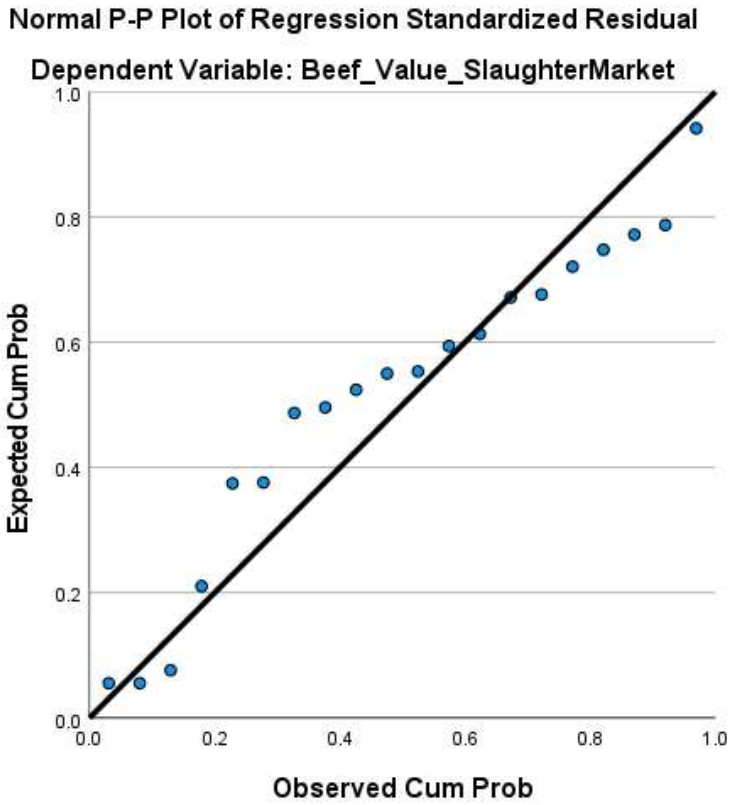
Model		Unstandardized Coefficients		Standardized Coefficients			95.0% Confidence Interval for B		Correlations			Collinearity Statistics	
		B	Std. Error	Beta	t	Sig.	Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	185.278	54.421		3.405	.005	67.709	302.847					
	BeefConsumption_US	-7.154	2.171	-.647	-3.295	.006	-11.844	-2.464	-.637	-.675	-.405	.393	2.548
	Beef_Production_BillionPounds	.691	1.964	.061	.352	.730	-3.551	4.934	-.235	.097	.043	.503	1.988
	Barley	-.001	.001	-.281	-1.409	.182	-.002	.000	.492	-.364	-.173	.379	2.636
	Maize	.000	.000	-.113	-.376	.713	-.001	.001	.536	-.104	-.046	.167	5.981
	Sorghum	.000	.001	-.102	-.402	.694	-.001	.001	.323	-.111	-.049	.234	4.274
	SoyaBeans	.003	.001	.930	3.400	.005	.001	.006	.686	.686	.418	.202	4.945

a. Dependent Variable: Beef_Value_SlaughterMarket

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions						
				(Constant)	BeefConsumption_US	Beef_Production_BillionPounds	Barley	Maize	Sorghum	SoyaBeans
1	1	6.969	1.000	.00	.00	.00	.00	.00	.00	.00
	2	.020	18.848	.00	.01	.01	.01	.01	.05	.01
	3	.006	35.319	.00	.01	.00	.37	.00	.24	.01
	4	.003	44.826	.00	.00	.00	.24	.06	.25	.27
	5	.001	75.563	.01	.00	.01	.00	.86	.12	.58
	6	.001	104.897	.56	.00	.59	.06	.03	.03	.13
	7	.000	139.119	.42	.98	.39	.33	.04	.32	.01

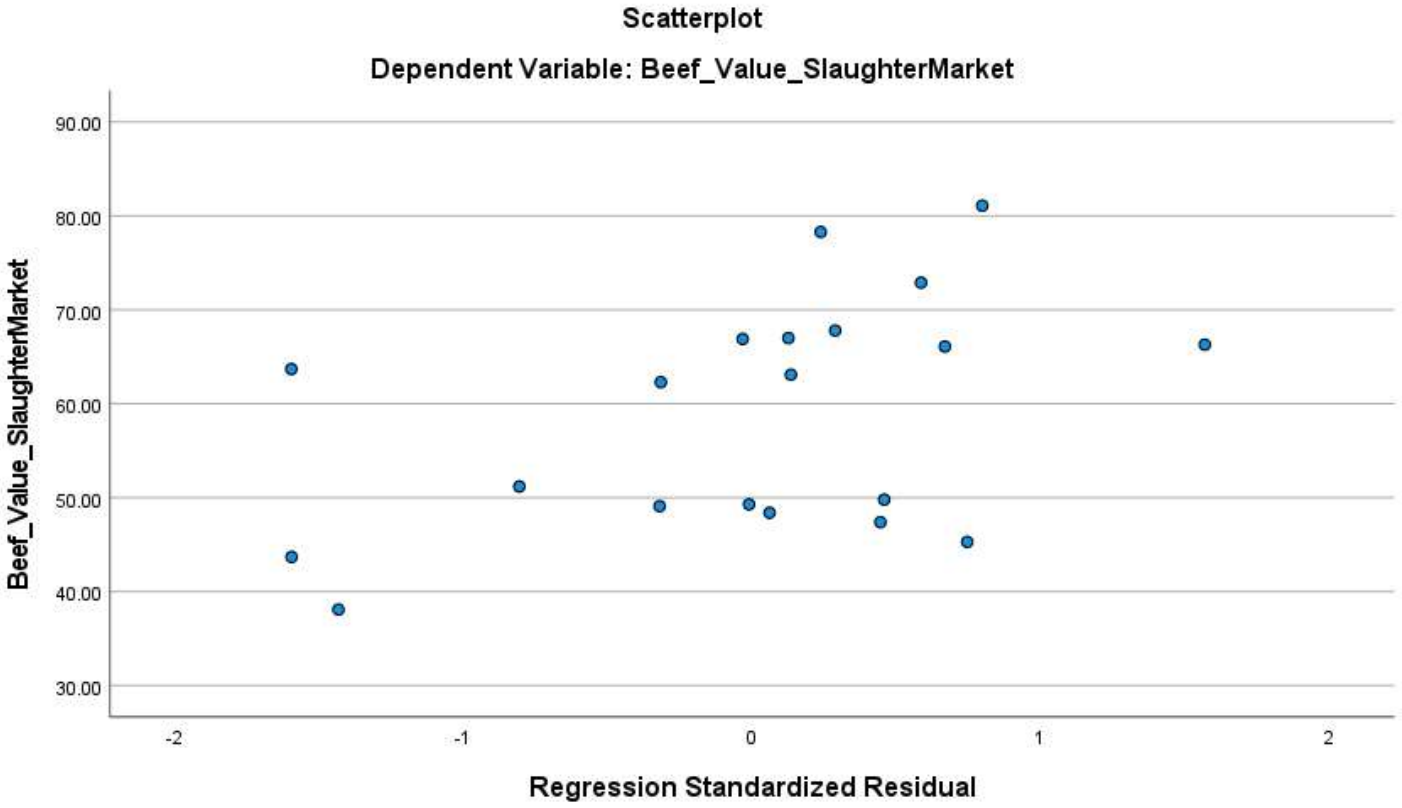
a. Dependent Variable: Beef_Value_SlaughterMarket

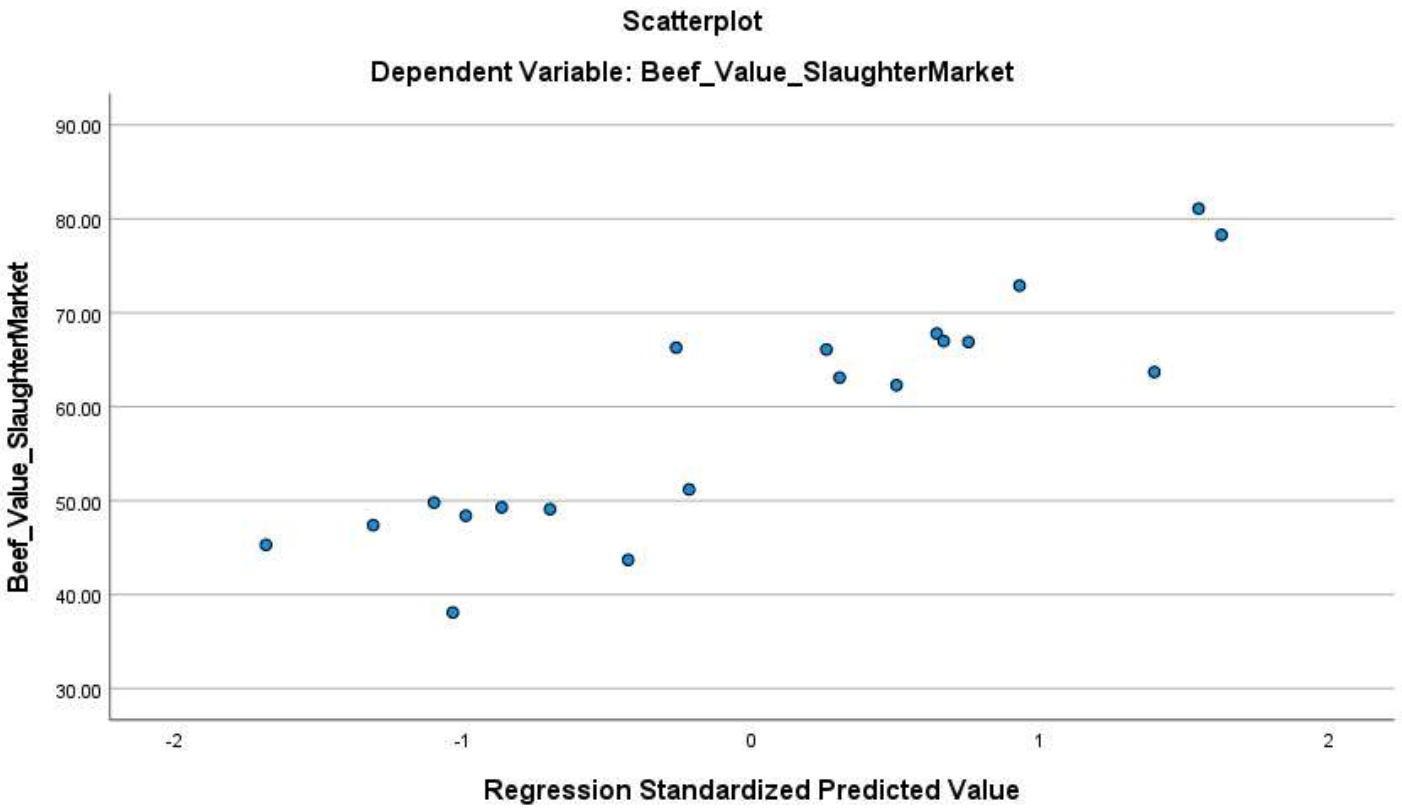


Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	40.4067	76.7404	58.8900	10.98495	20
Std. Predicted Value	-1.683	1.625	.000	1.000	20
Standard Error of Predicted Value	2.304	5.382	3.797	.859	20
Adjusted Predicted Value	34.4956	77.4301	57.9071	11.39123	20
Residual	-10.48226	10.29839	.00000	5.43664	20
Std. Residual	-1.595	1.567	.000	.827	20
Stud. Residual	-1.825	1.846	.056	1.006	20
Deleted Residual	-13.96141	14.29144	.98293	8.27498	20
Stud. Deleted Residual	-2.033	2.064	.038	1.078	20
Mahal. Distance	1.385	11.791	5.700	2.913	20
Cook's Distance	.000	.302	.080	.094	20
Centered Leverage Value	.073	.621	.300	.153	20

a. Dependent Variable: Beef_Value_SlaughterMarket




Scatterplot
Dependent Variable: Beef_Value_SlaughterMarket
Beef_Value_SlaughterMarket
90.00
80.00
70.00
60.00
50.00
40.00
30.00
-2
-1
0
1
2
Regression Standardized Predicted Value