

Research Article



Supply Response Analysis of Wheat Growers in District Swabi, Khyber Pakhtunkhwa: Farm Level Analysis

Farhan, Shahid Ali* and Syed Attaullah Shah

Department of Agricultural and Applied Economics, The University of Agriculture, Peshawar, Khyber Pakhtunkhwa, Pakistan.

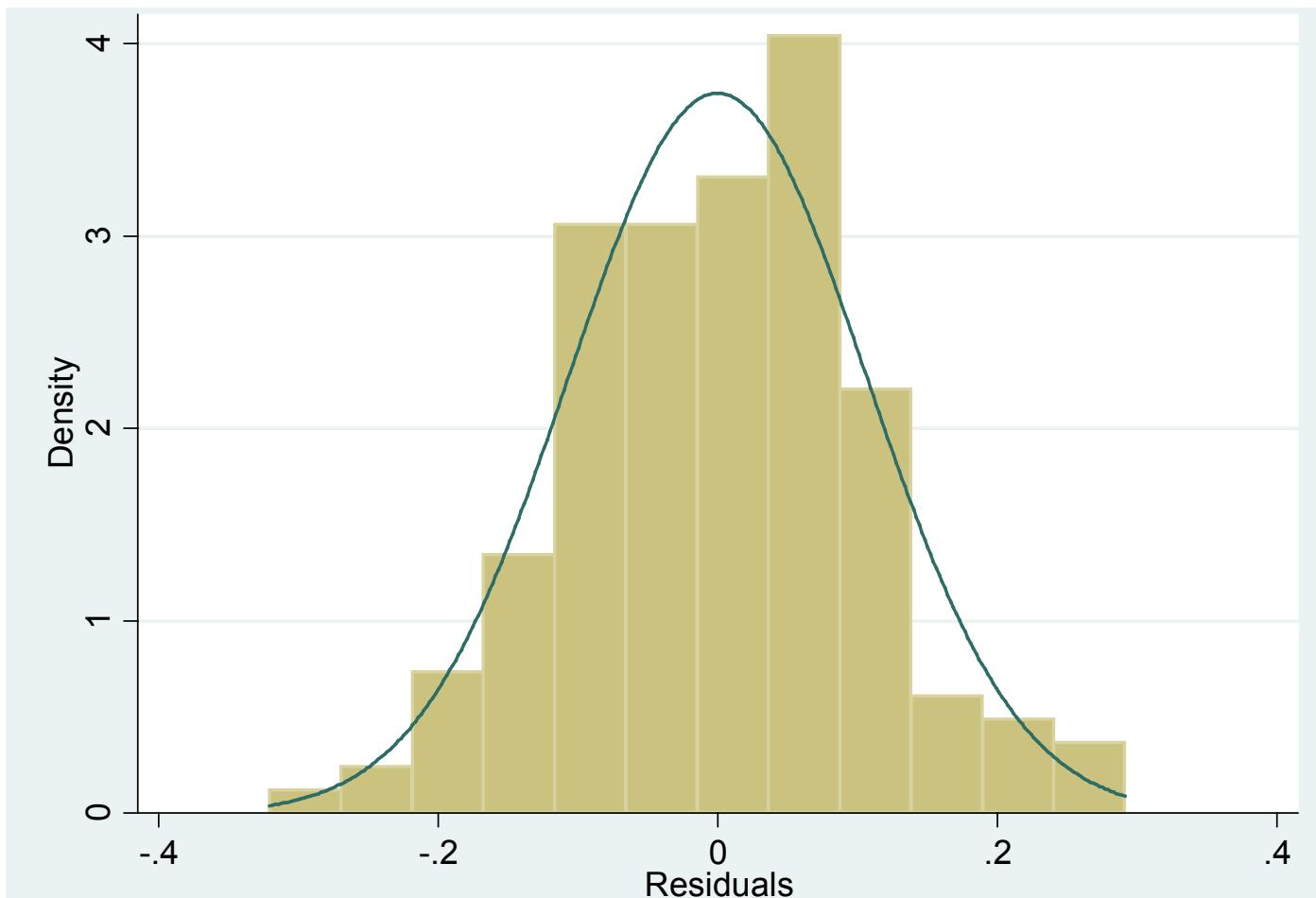
Received | December 09, 2018; Accepted | Januar29, 2019; Published | February 28, 2019

*Correspondence | Shahid Ali, Assistant Professor, Department of Agricultural and Applied Economics, The University of Agriculture, Peshawar, Pakistan; Email: drshahid@aup.edu.pk

Citation | Farhan, S. Ali and S.A. Shah. 2019. Supply response analysis of wheat growers in district Swabi, Khyber Pakhtunkhwa: farm level analysis. *Sarhad Journal of Agriculture*, 35(1): 274-283.

DOI | <http://dx.doi.org/10.17582/journal.sja/2019/35.1.274.283>

Keywords | Wheat output supply, Input demand, Elasticities, Translog profit function, Khyber Pakhtunkhwa-Pakistan



Supplementary Figure 1: Histogram of residuals.

Source: Authors' estimates from survey data, 2018.

March 2019 | Volume 35 | Issue 1 | Page 1

Supplementary Table 2: VIF results.

Variables	VIF	1/VIF
lnfertcostPy	15156.21	0.000066
lnlabourco~y	14405.67	0.000069
lnlabourco~2	13229.06	0.000076
lnfertcost~2	10196.32	0.000098
lnareainac~s	7364.84	0.000136
lnlabourfe~r	6500.85	0.000154
Lnlabourarea	5555.28	0.000180
Lnlaboureduc	4918.80	0.000203
lnfertiliz~a	2385.63	0.000419
lnfertiliz~c	1136.50	0.000880
lneduc2	404.23	0.002474
Lnareaeduc	170.50	0.005865
LNarea2	25.95	0.038542
Mean VIF	6316.11	0.049162

Source: Authors' estimates from survey data, 2018.