

Table S1. Description of the variables for Socio-demographic and physiographic features.

<b>Sl. No.</b>	<b>Variables/Set of variables</b>	<b>Descriptions</b>
1.	Age	Whether more than 60 years or 40 to 60 years or below 40 years
2.	Occupation	About the primary and secondary occupation Which sector contributes the highest total income by the family of the respondents in a year Percentage of people engaged in agriculture
3.	Education	Whether it passed the secondary (10 <sup>th</sup> Standard) or dropped-out school before the secondary examination
4.	Caste	Whether SC or ST or others
5.	Family size and type	How many members are there in a farm family Whether the families are nuclear or joint
6.	The fertility of soil perceived by farmers	Farmer's perception of the soil condition (fertile or infertile or medium fertile) derived from previous cropping seasons
7.	Landholding	The total land area of a household along with the total cultivable land area Whether owned land or leased-in land
8.	Availability of irrigation	Whether irrigated or rainfed lands
9.	Soil testing and soil fertility	Whether soil testing was done or not Perception of farmers about soil fertility
10.	Participation of women in different activities	Perception about women's participation in farming and household activities

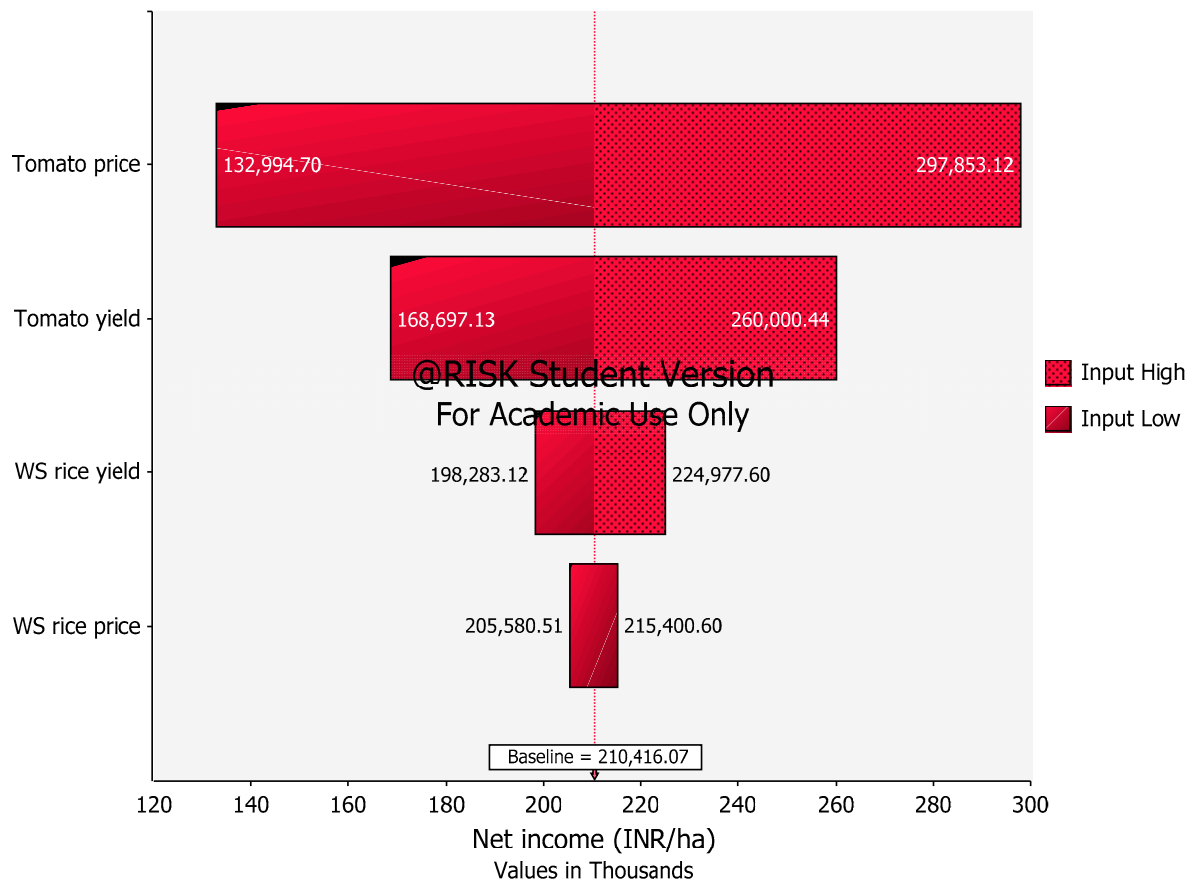


Figure S1. Input Ranked by Effect on Output Mean of Rice-Tomato cropping system.

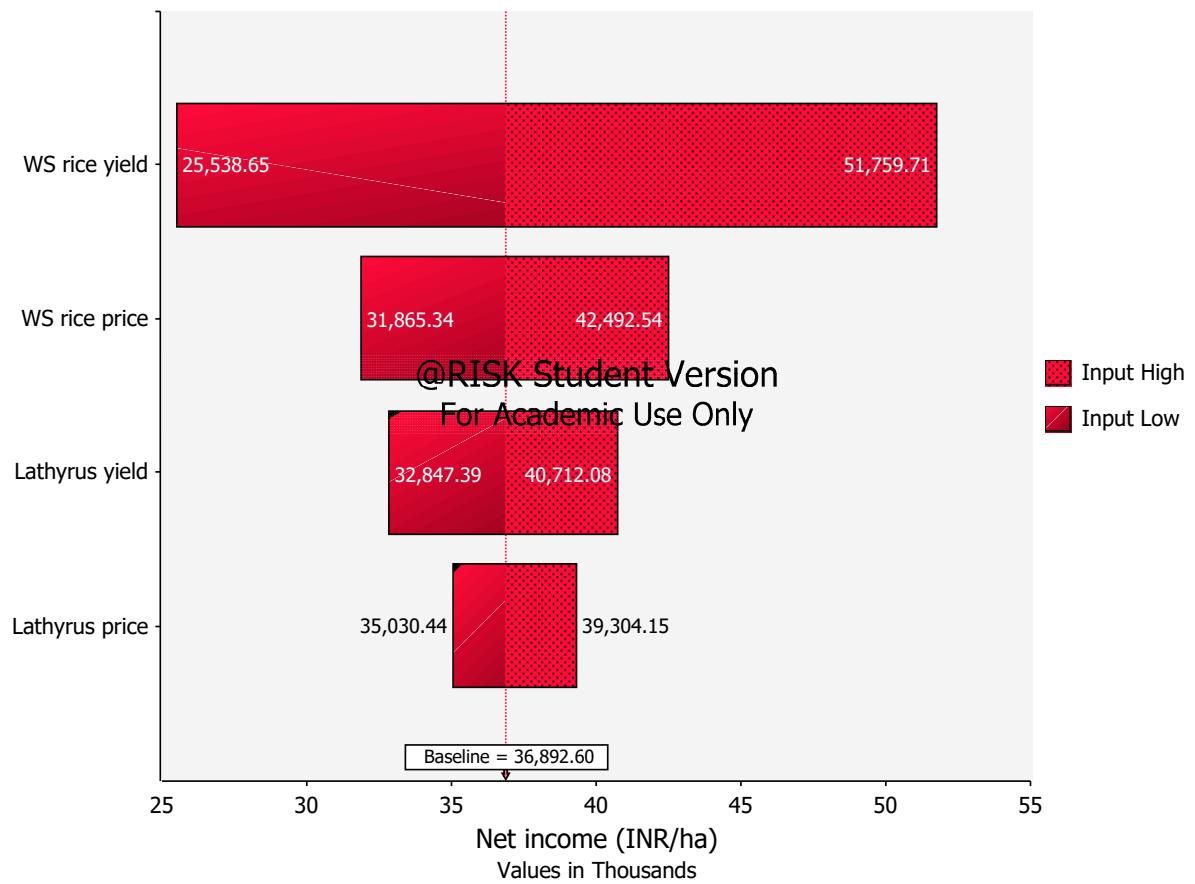


Figure S2. Input Ranked by the effect on Output Mean of Rice-Lathyrus cropping system.

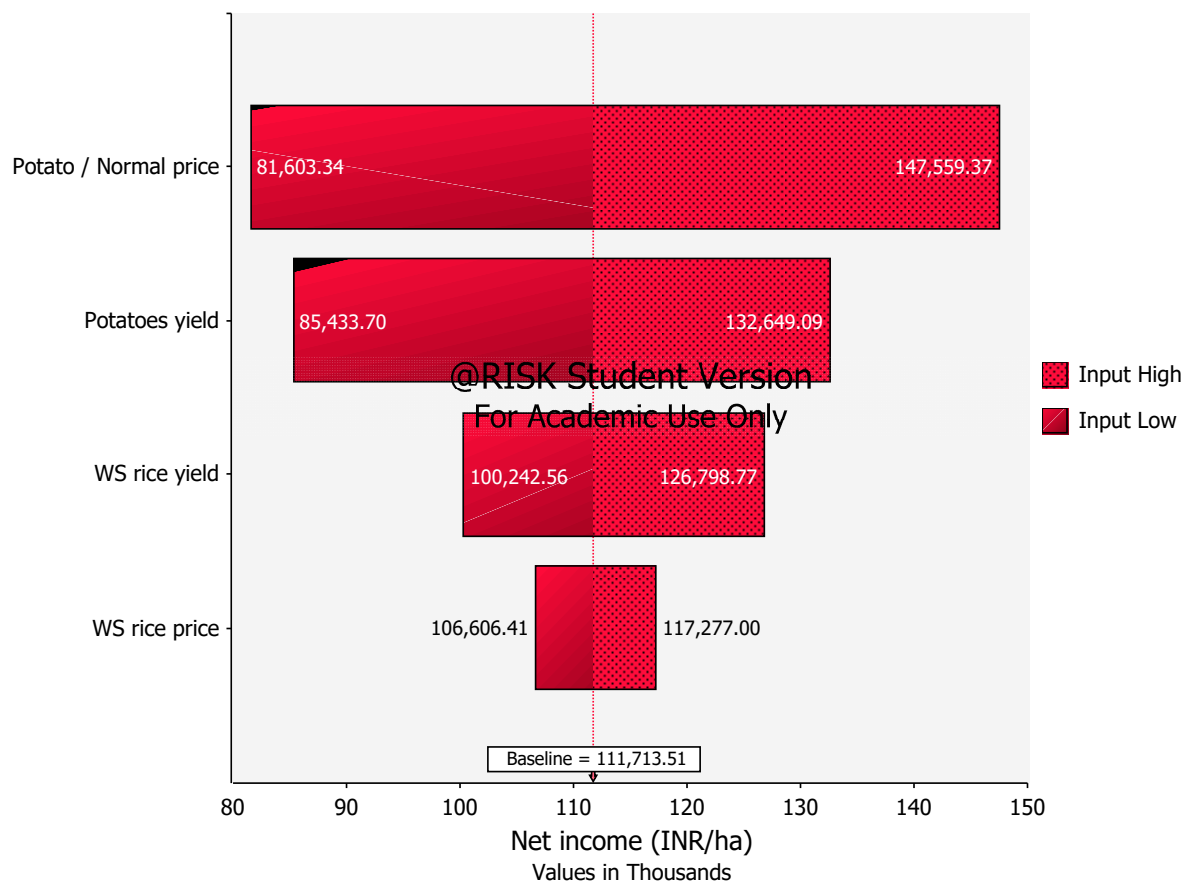


Figure S3. Input Ranked by the effect on Output Mean of Rice-Potato cropping system.

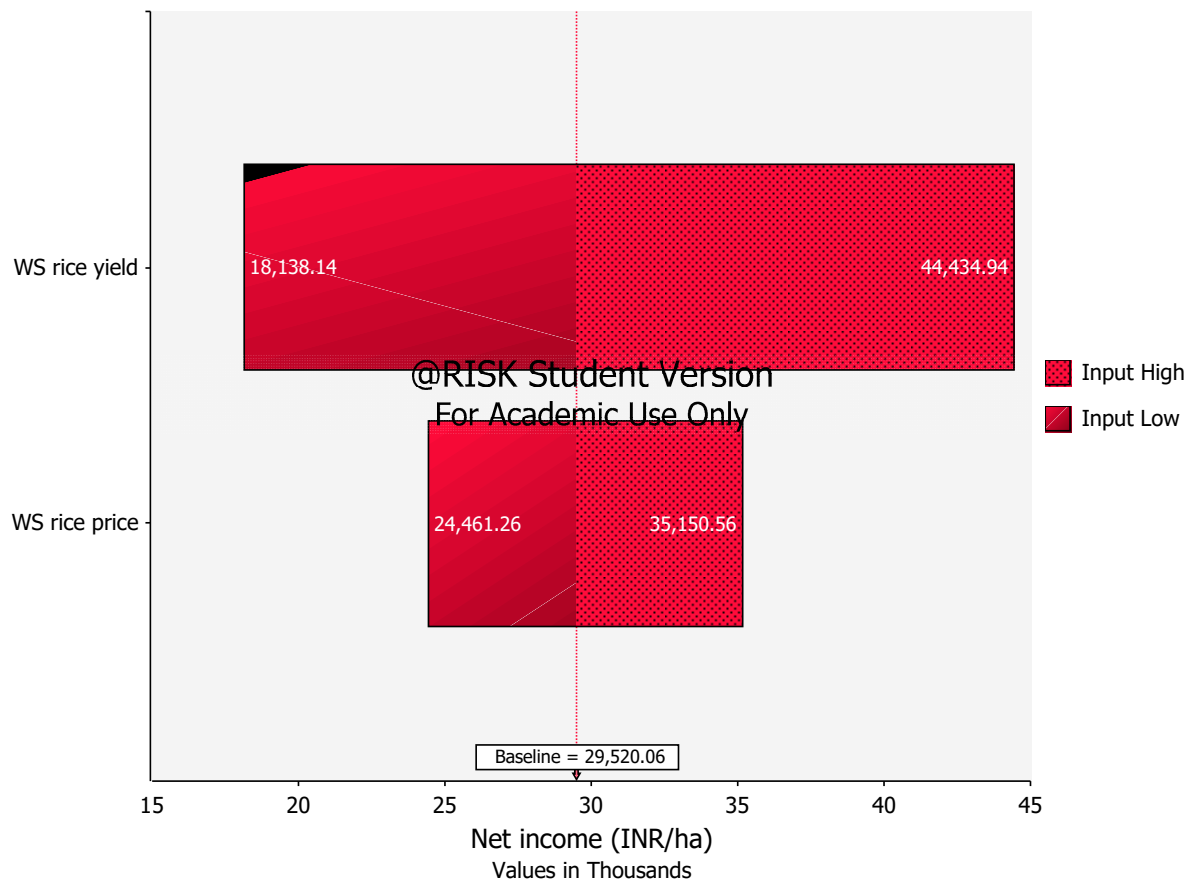


Figure S4. Input Ranked by Effect on Output Mean of Rice-Fallow cropping system.

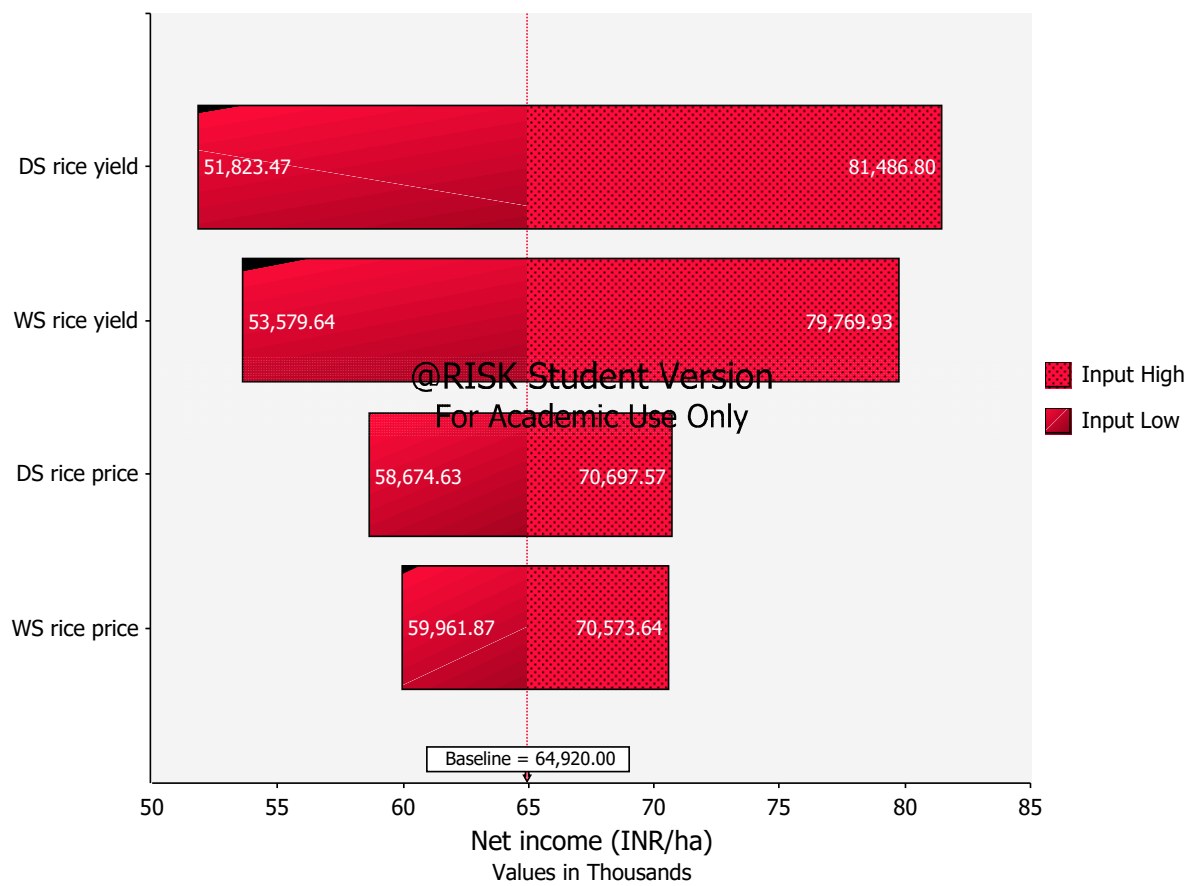


Figure S5. Input Ranked by Effect on Output Mean of Rice-Rice cropping system.

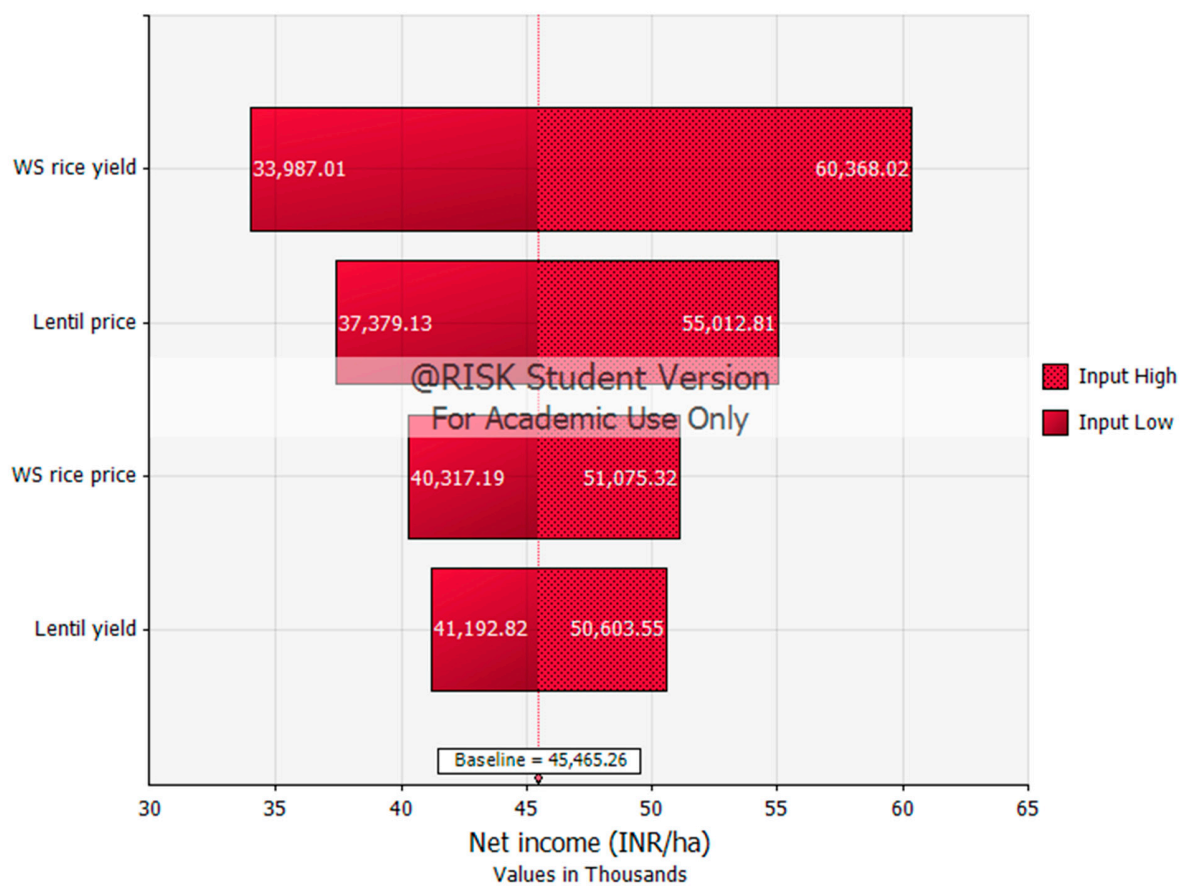


Figure S6. Input Ranked by Effect on Output Mean of Rice-Lentil cropping system.

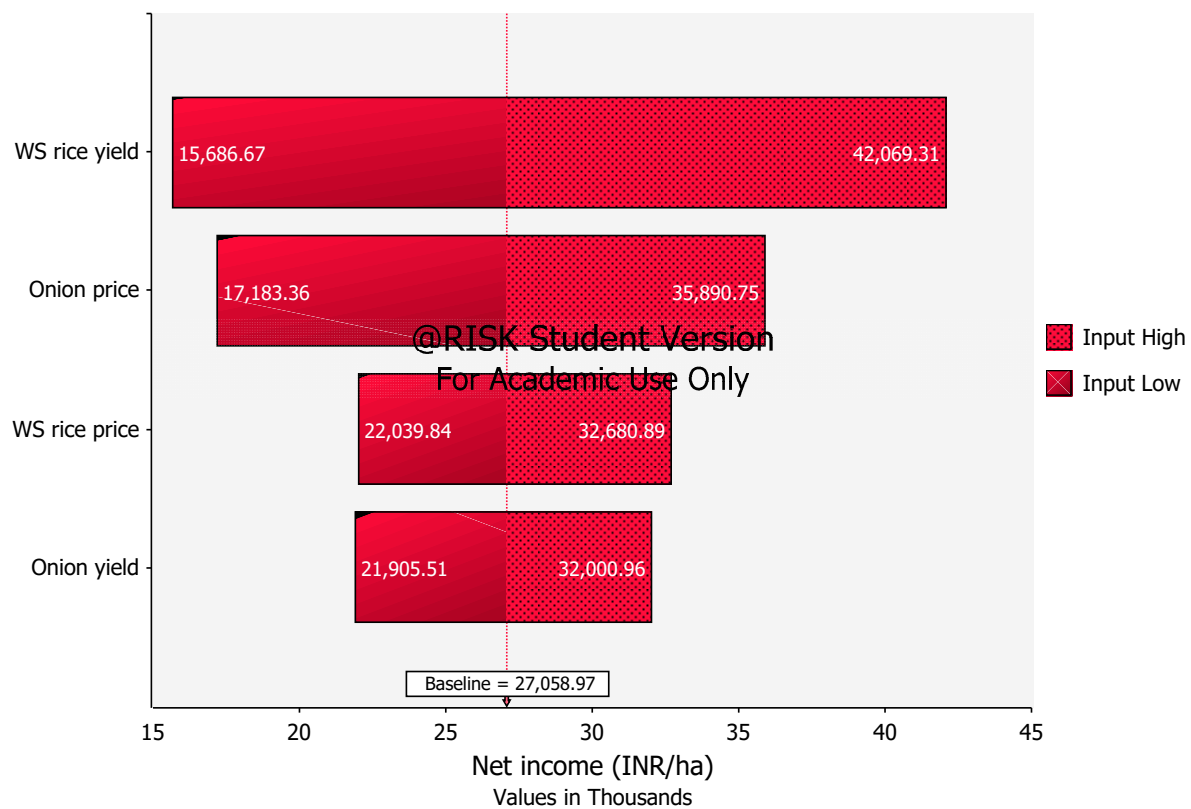


Figure S7. Input Ranked by effect on Output Mean of Rice-Onion cropping system.



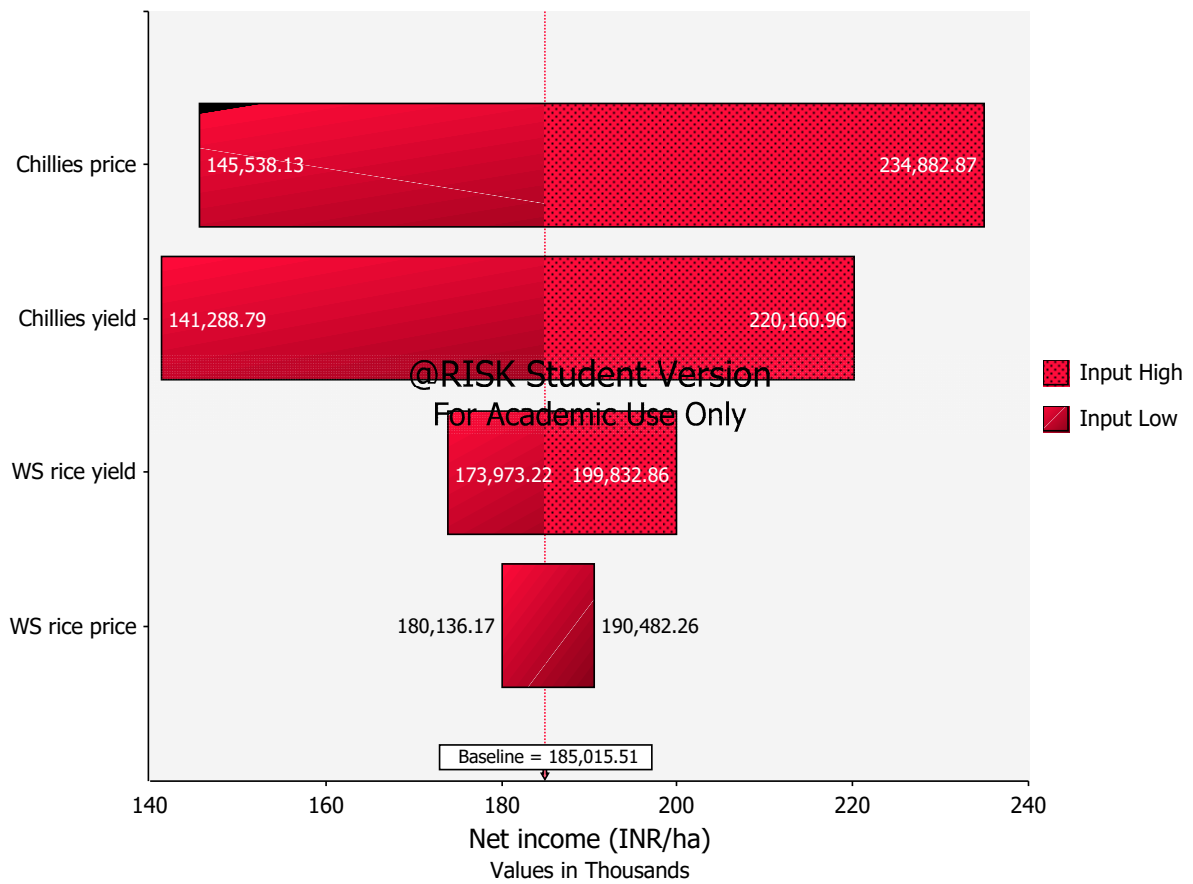


Figure S8. Input Ranked by effect on Output Mean of Rice-Chilli cropping system.

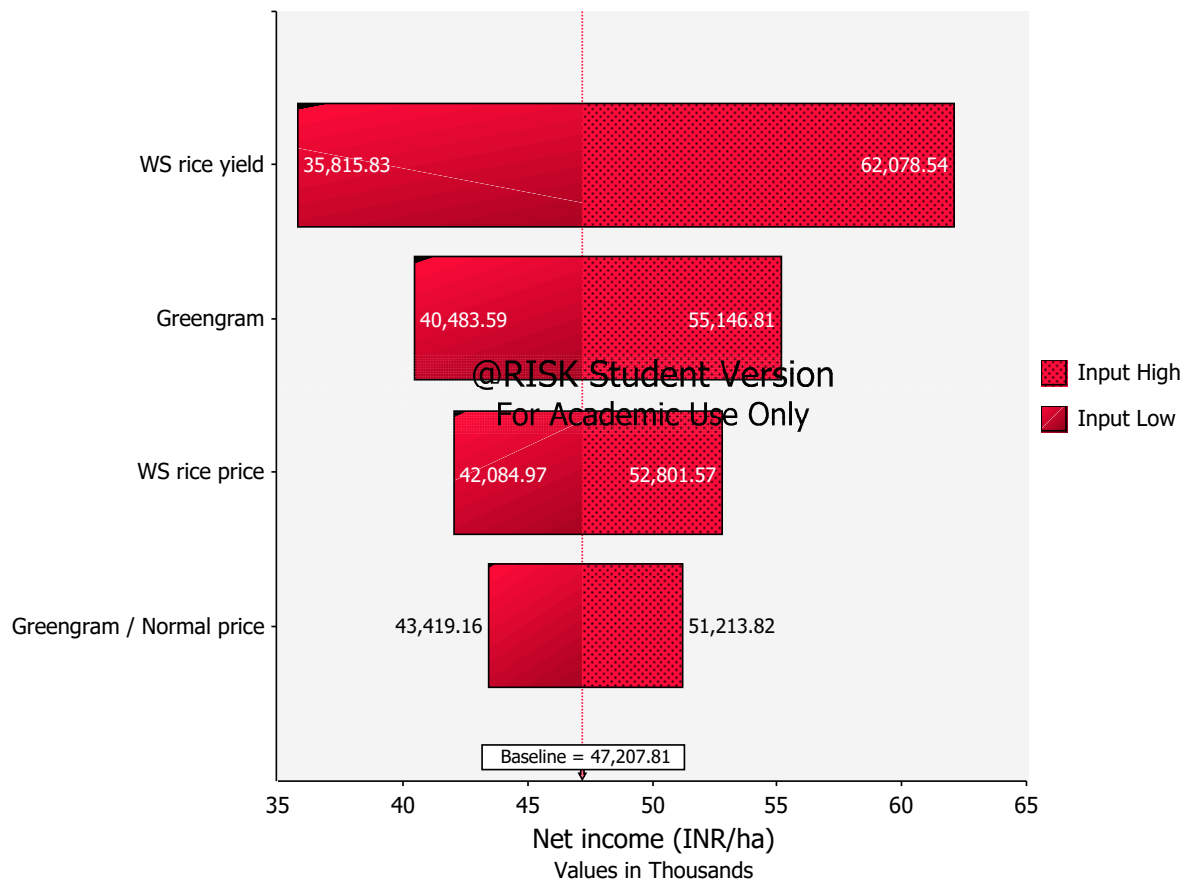


Figure S9. Input Ranked by effect on Output Mean of Rice-Fallow-Greengram cropping system.

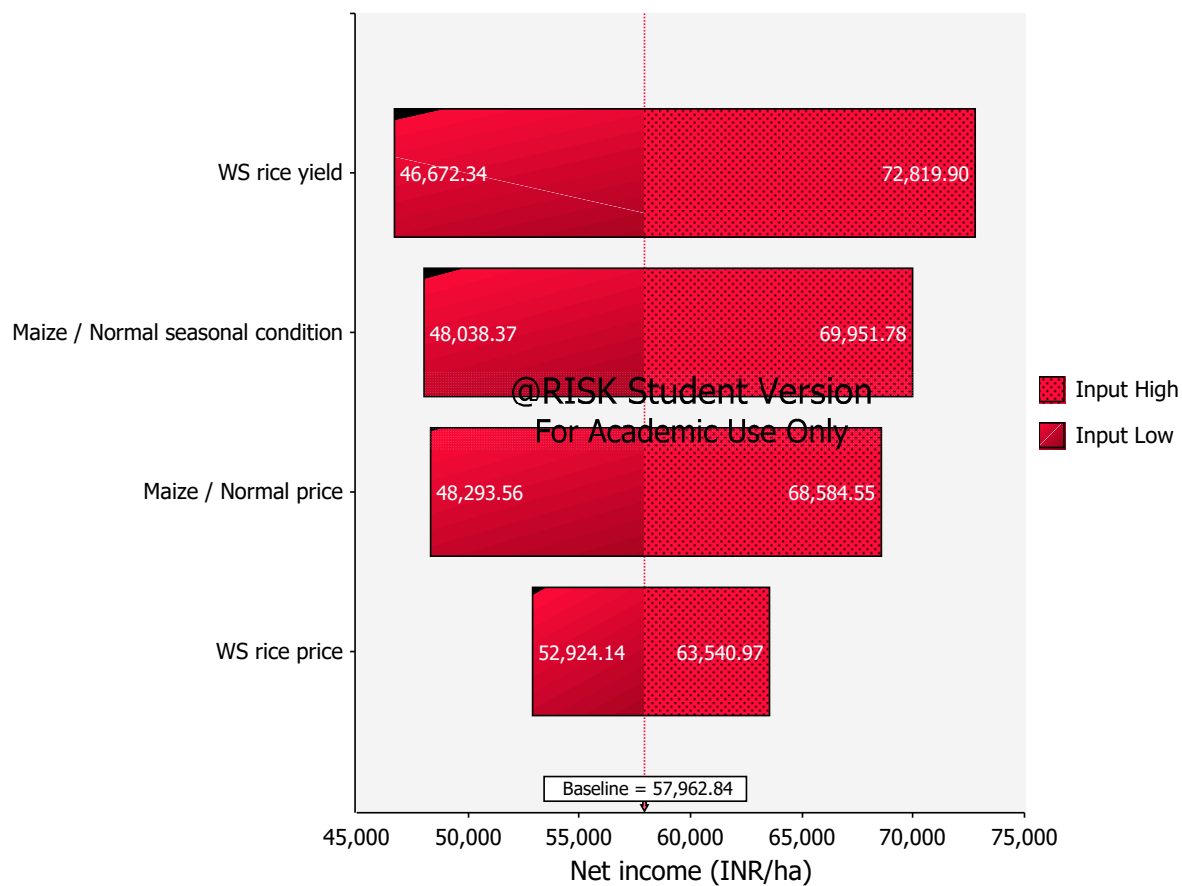


Figure S10. Input Ranked by effect on Output Mean of Rice-Maize cropping system.

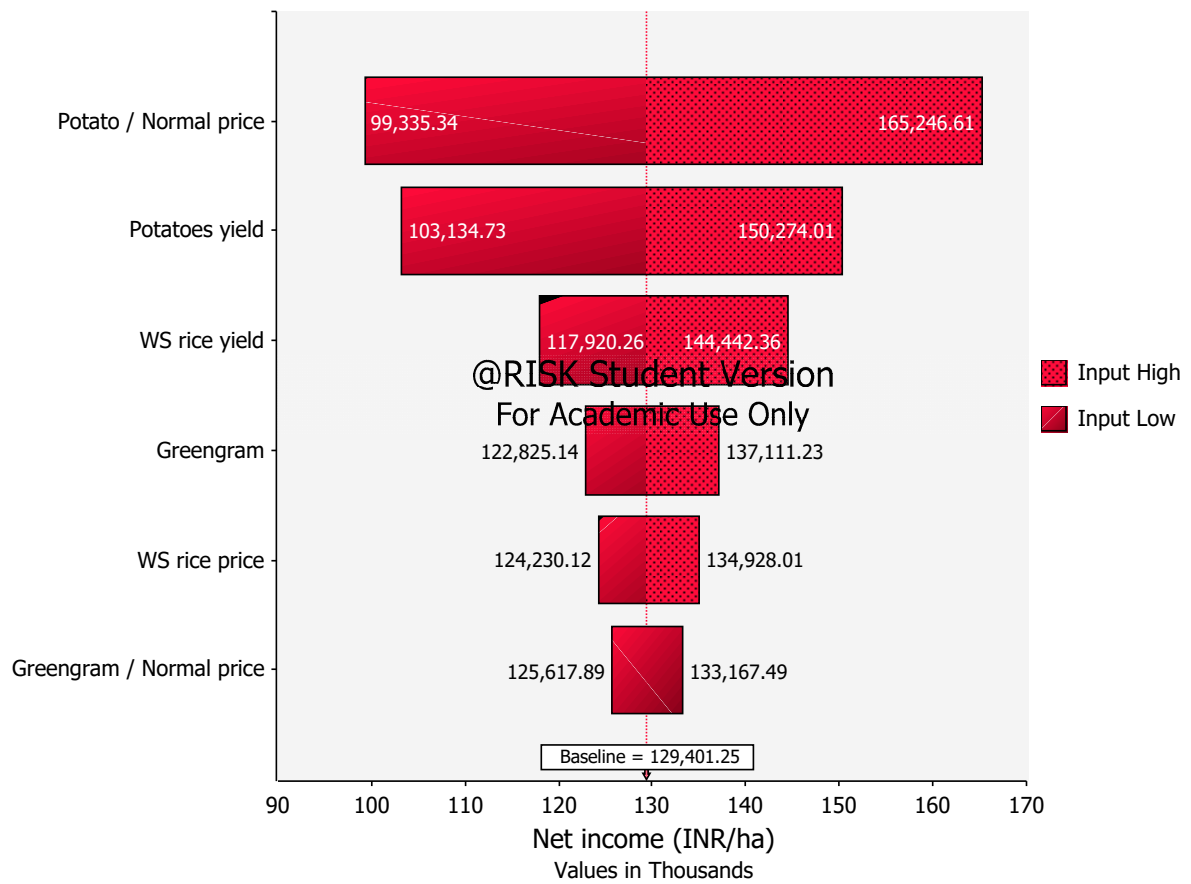


Figure S11. Input Ranked by effect on Output Mean of Rice-Potato-Greengram cropping system.