

## outlin\_graphs

- The total own land cultivated for a houshold in Summer (ha)
- Gross Cropped Area (ha)
- Cropping Intensity (%)
- Irrigated land (ha)
- Time taken to irrigation per hectar (hr) Annual/seasons
- Fuel use - Annual (in litre) [file - 7.16]
- Fuel use - Annual/seasons (in litre) [file - 6.2]
- Aquaculture ponds (ha)
- Cropping Pattern - Vegetables,Oilseeds, Paddy, Wheat, Maize (ha)
- Annual income

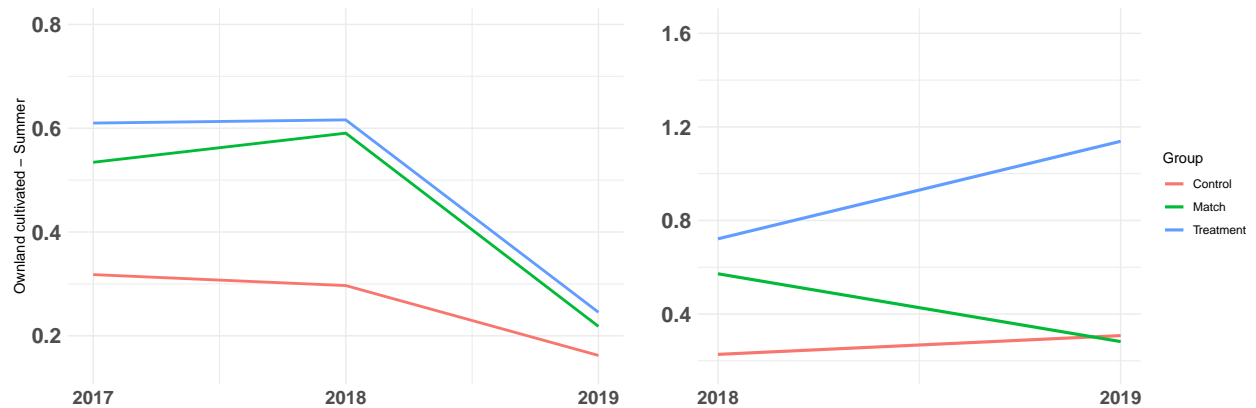
Number of SPIP in each district

	Control	Treatment
Saptari	107	26
Rautahat Bara Sarlahi	95	23

The total own land cultivated for a houshold in Summer (ha)

The total own land cultivated for a houshold in **Summer** season (In hectare)

Q [4.4] *total\_ownland\_cultivated*

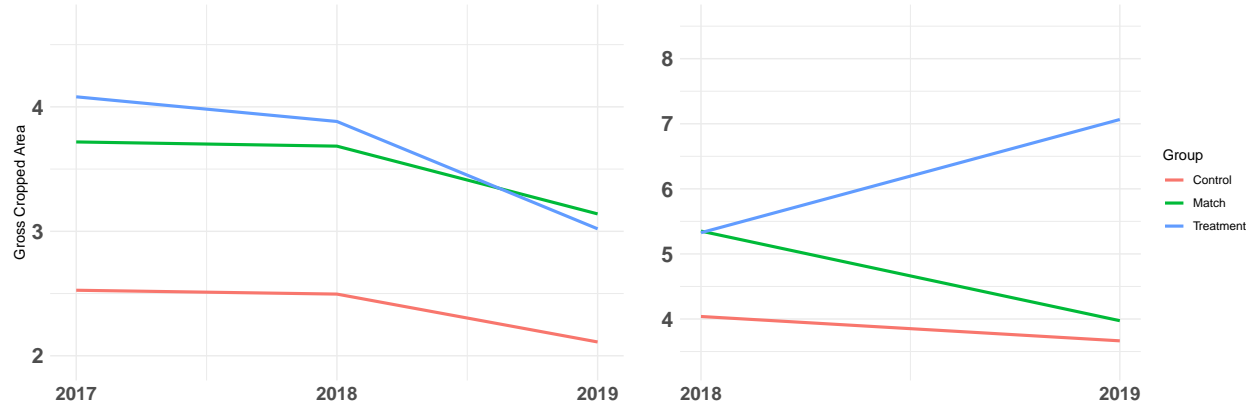


### Gross Cropped Area (ha)

The total cultivated area for a year in hectare:

the area sown in monsoon + winter + summer + annual - all together

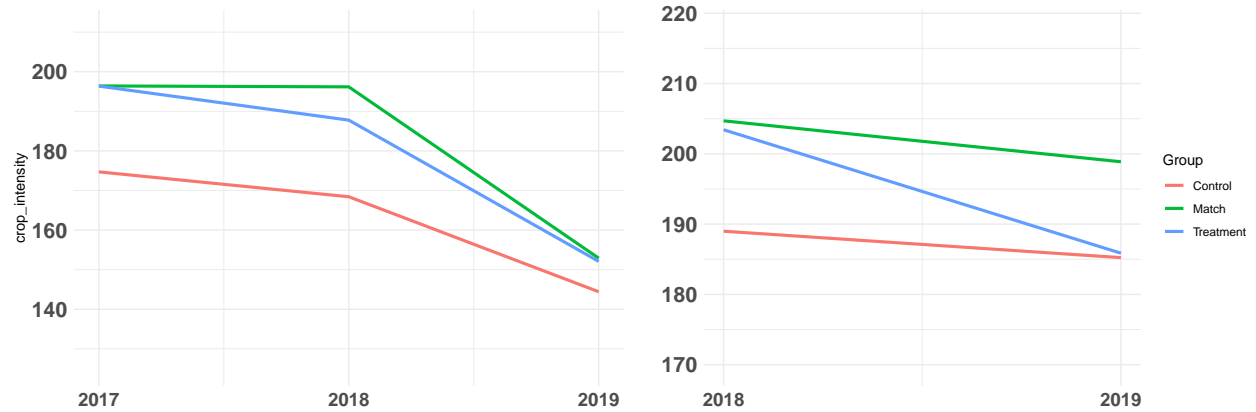
Q[4.8] *total\_land\_cultivated*



### Cropping Intensity (%)

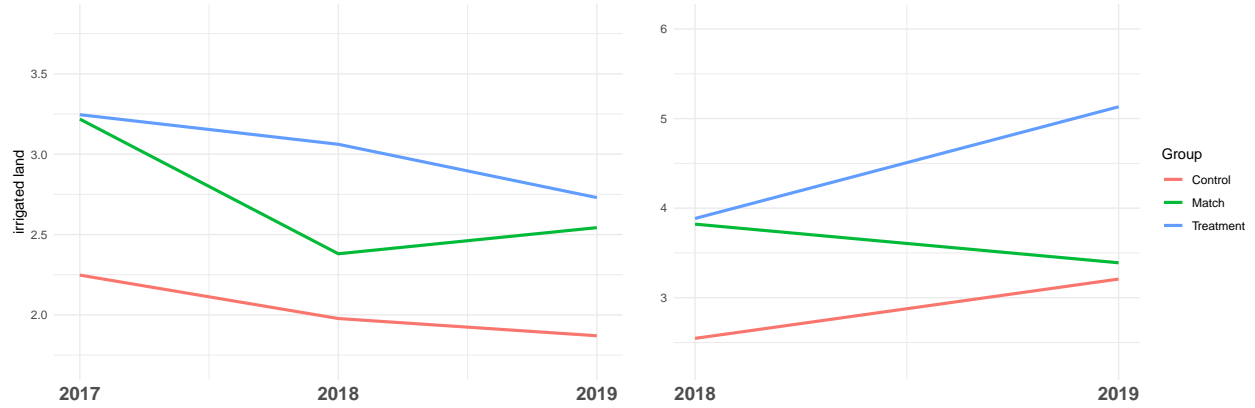
Gross cropped Area / Net Cropped Area X100

sum ( *total\_land\_cultivated* [4.8] ) / *land\_for\_cultivation* [4.1e]



### Irrigated land (ha)

Q [4.9] Irrigated area out of total land cultivated

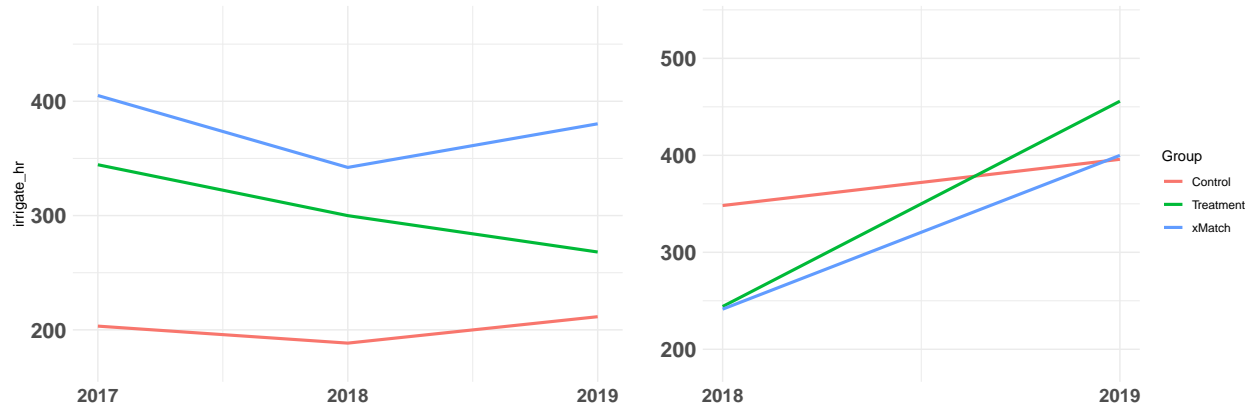


Total irrigation hours of a farmer:

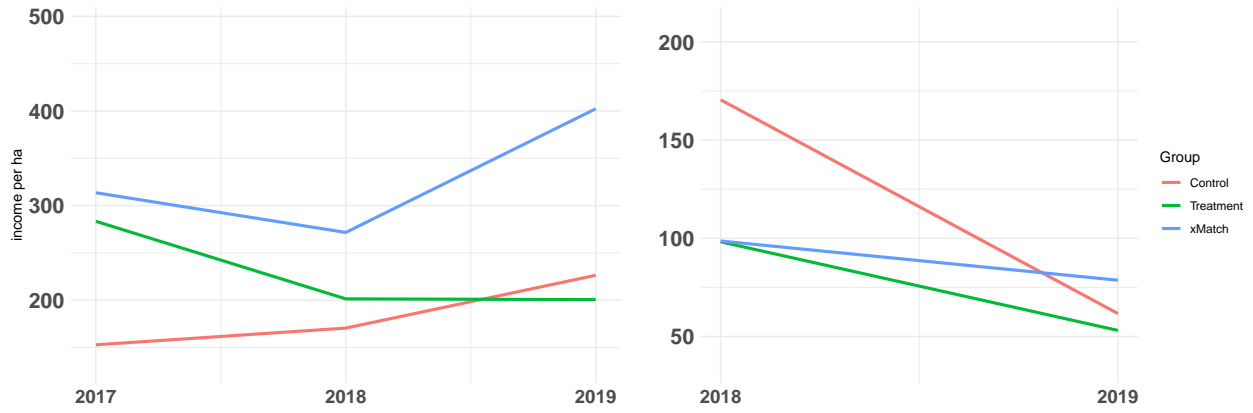
### Multiply-

- Hours needed to irrigate 1 katha ( *hrs\_irr\_1katha* [5.7])
- No. of irrigation for 1 katha ( *no\_of\_irrigation\_for\_1\_katha* [5.8])
- How much of the cultivated area was under this crop? ( *cult\_area\_under\_crop*[5.5])

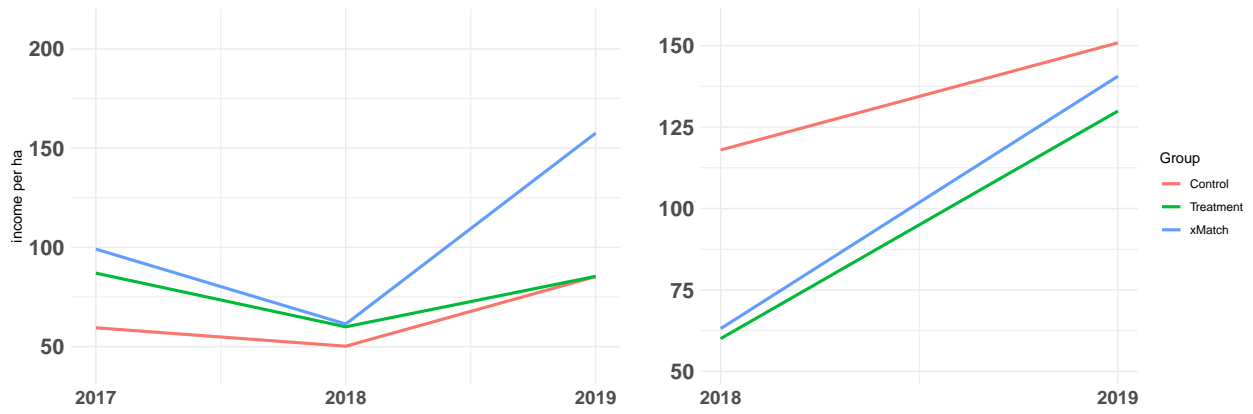
### Irrigation hours - Annually (hr)



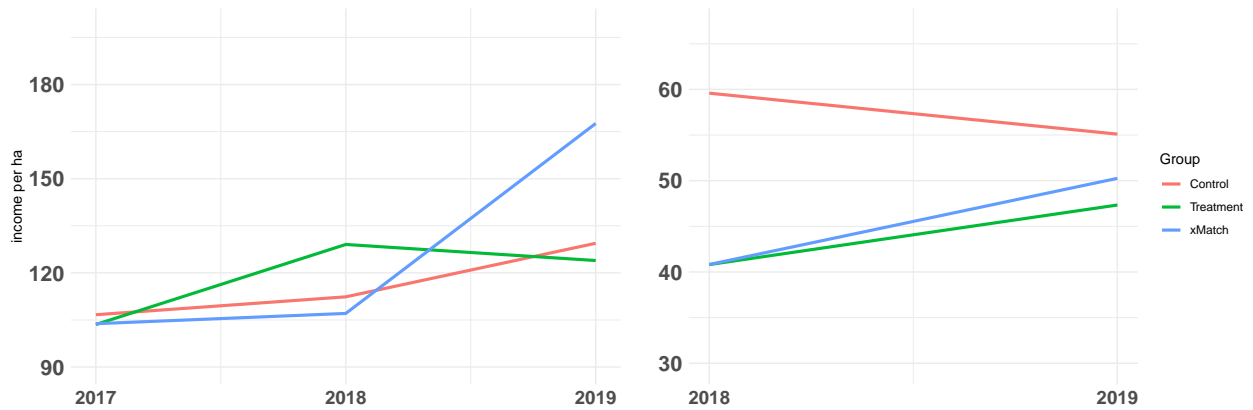
Irrigation hours per hectare - Summer (hr)



Irrigation hours per hectare - Monsoon (hr)

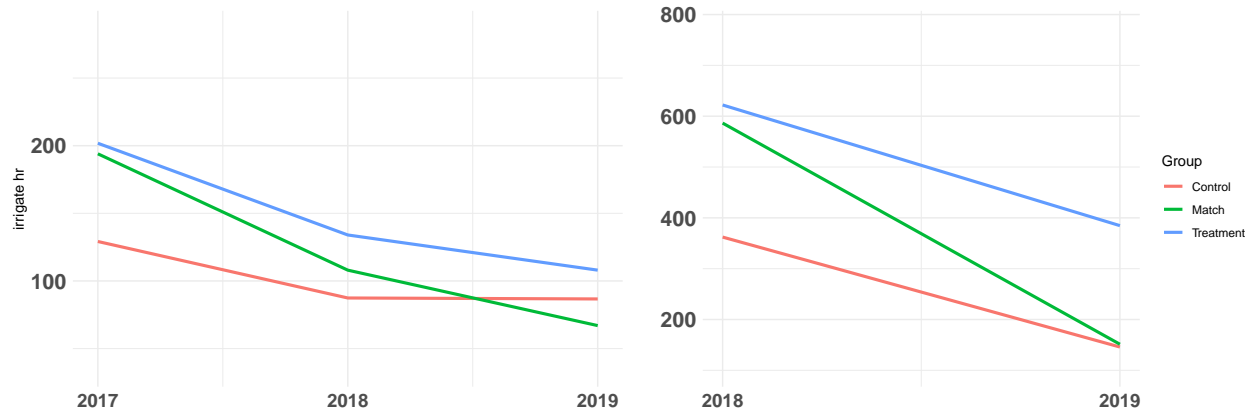


Irrigation hours per hectare - Winter (hr)

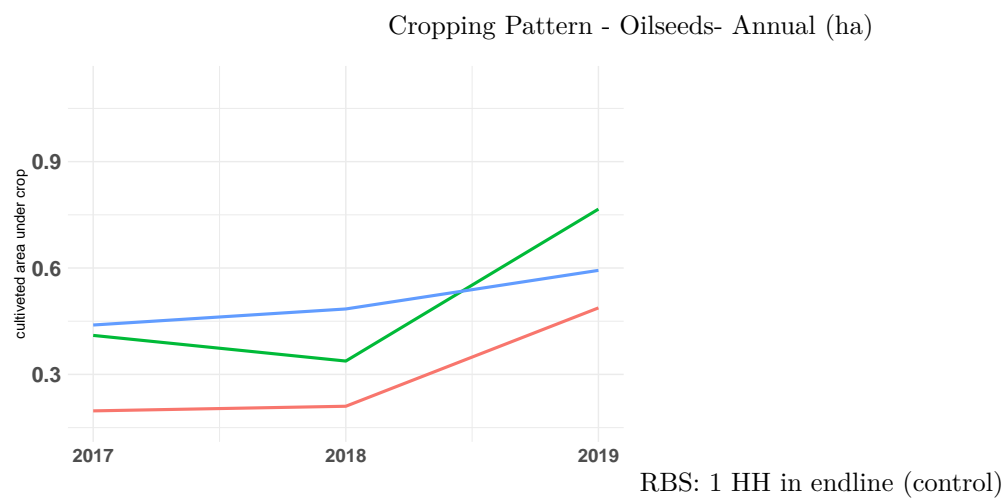
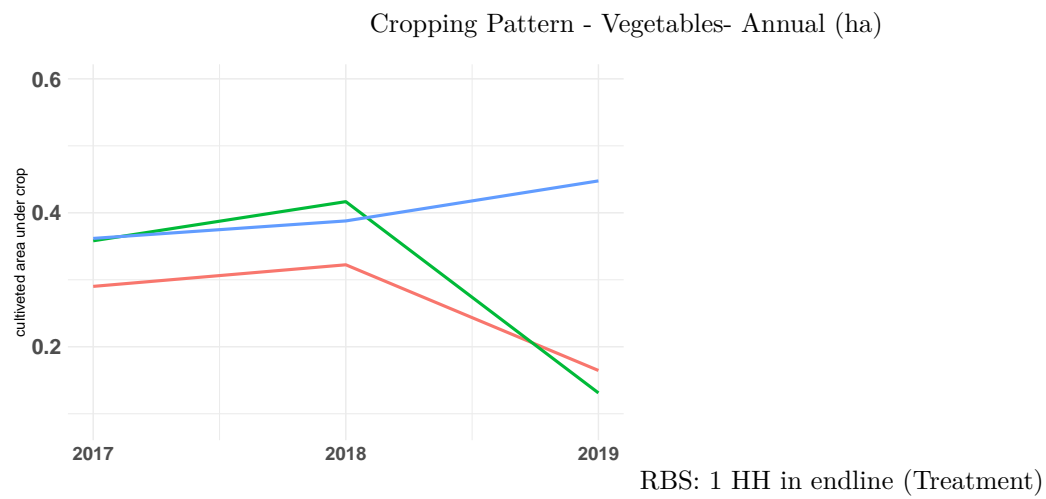
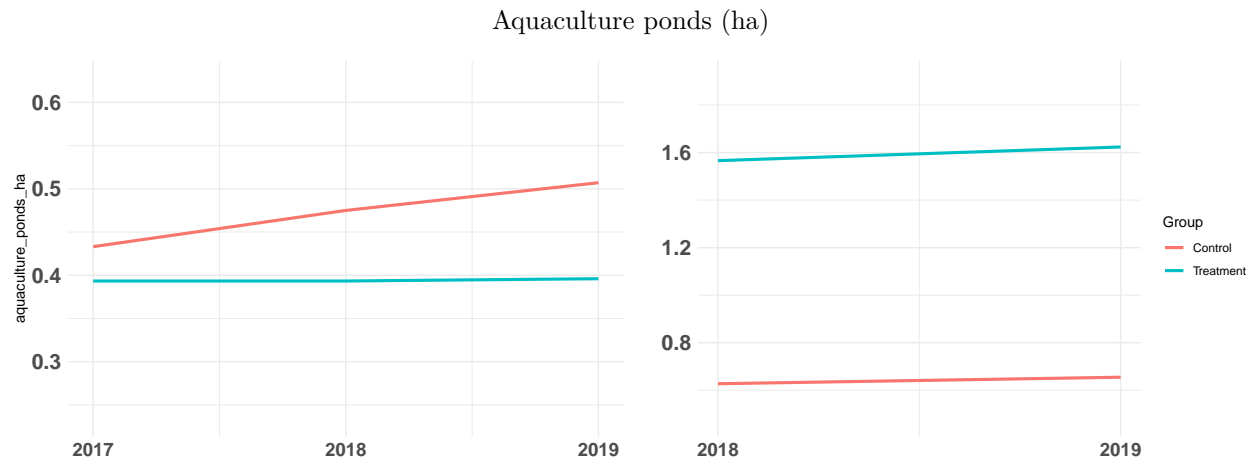


# Fuel use - Annual (L) [7.16]

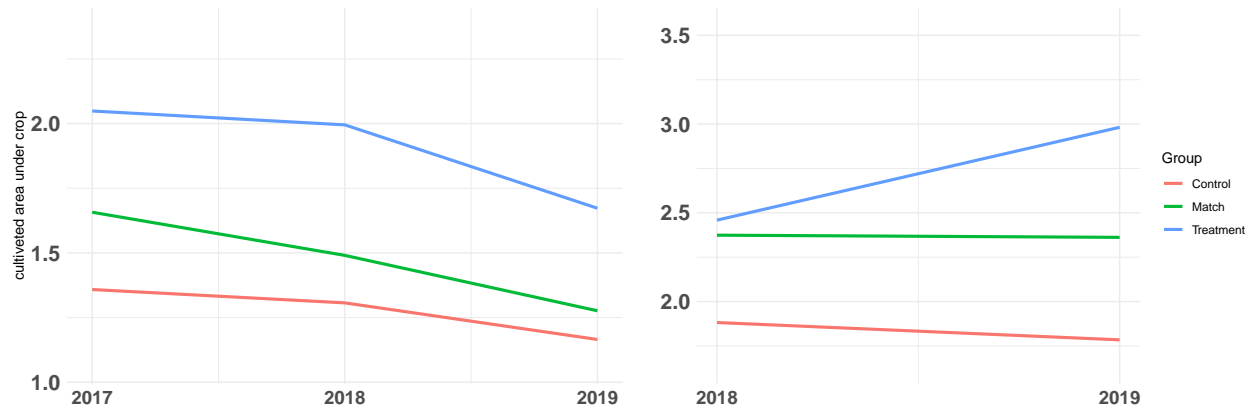
Total litres of diesel/kerosene consumed for agriculture pumps in a YEAR



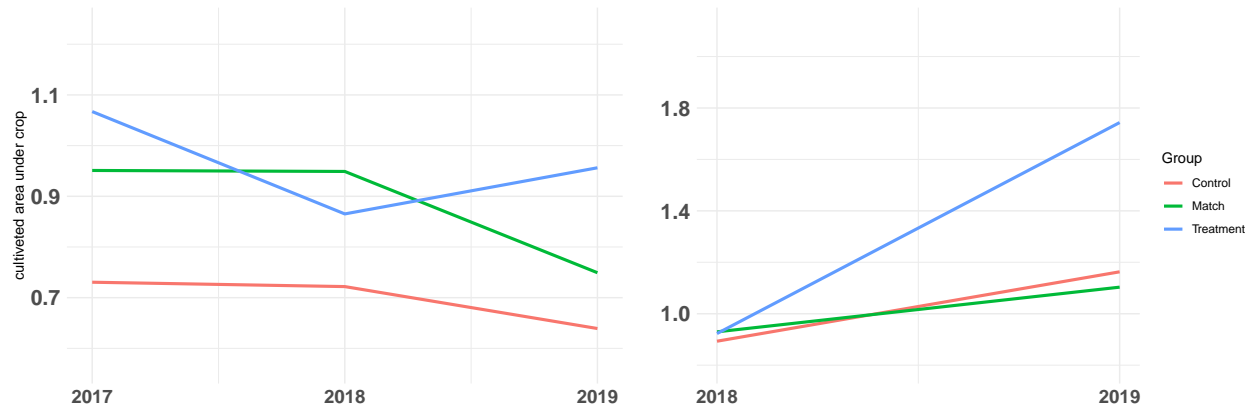
Rautahat Bara Sarlahi	Control	Treatment
2018	63	25
2019	46	16



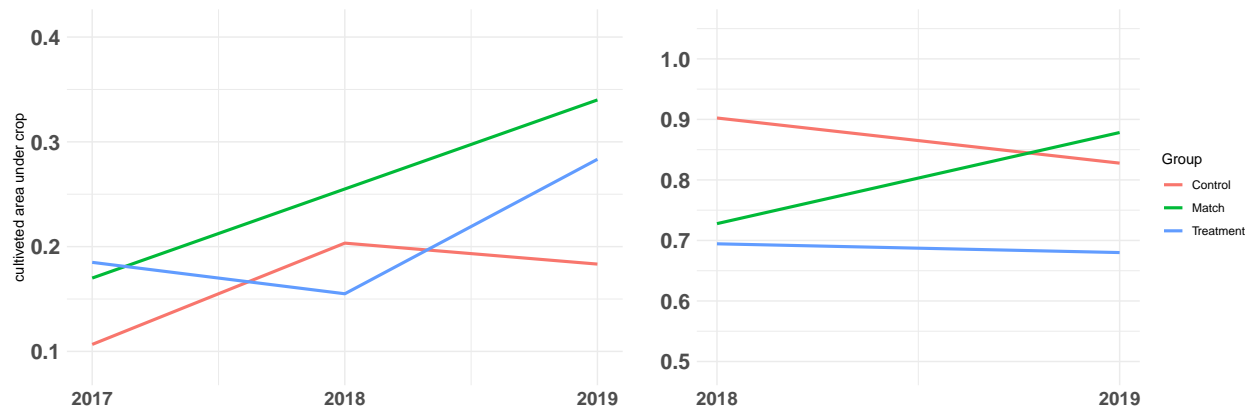
Cropping Pattern - Paddy - Annual (ha)



Cropping Pattern - Wheat - Annual (ha)



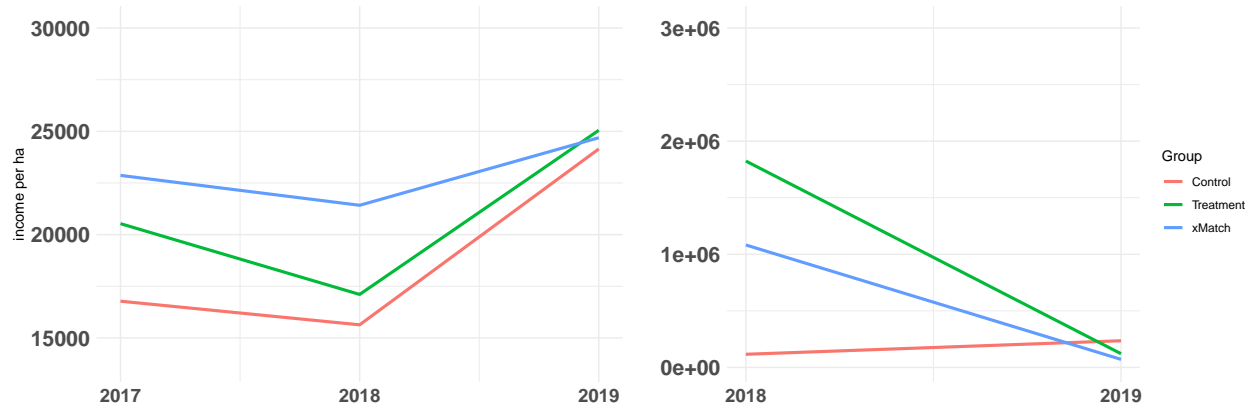
Cropping Pattern - Maize -Annual (ha)



# Annual income per ha (NPR)

## Multiply-

- How much of the cultivated area was under this crop?[5.5]
- What was your total harvest ? Unit: per katha [5.9]
- What percent of the total produce do you sell?[5.11]
- what was the price per kg from this crop ? [5.12]



	RBS	
year	Control	Treatment
2018	115.91	1823.94
2019	235.51	121.03