

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

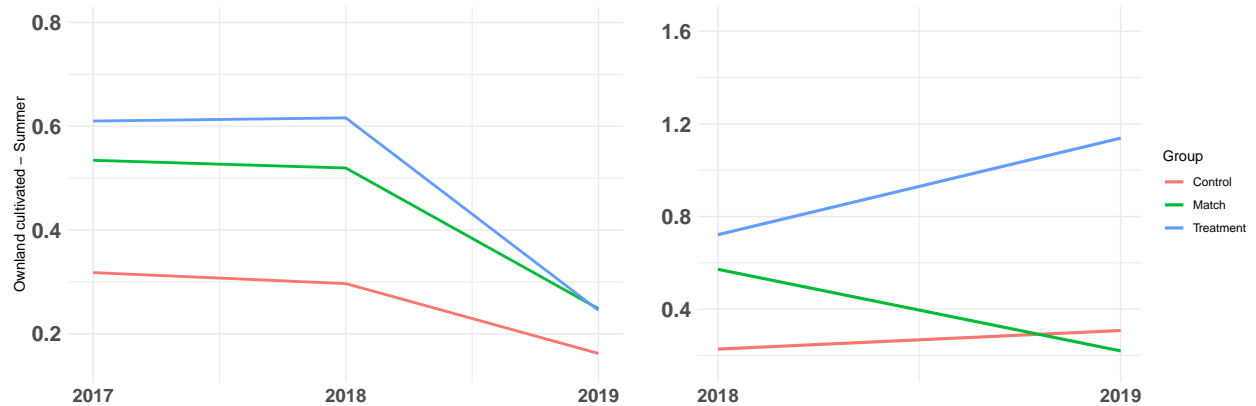
Number of SPIP in each district

	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*

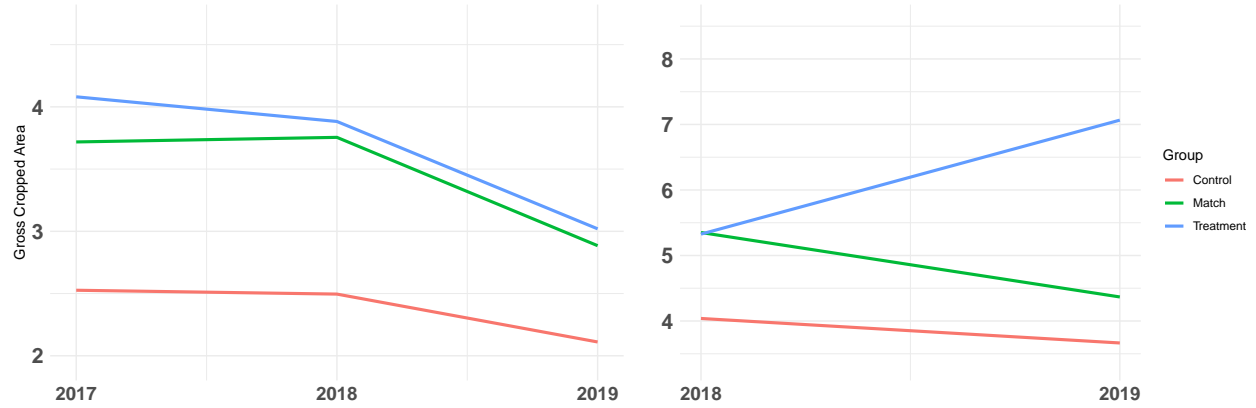


Gross Cropped Area (ha)

The total cultivated area for a year in hectare:

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

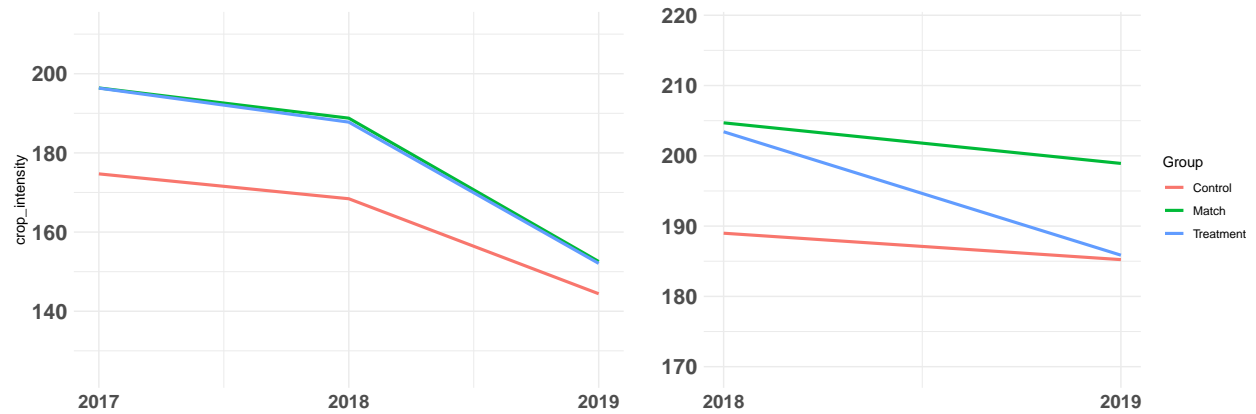
Q[4.8] *total_land_cultivated*



Cropping Intensity (%)

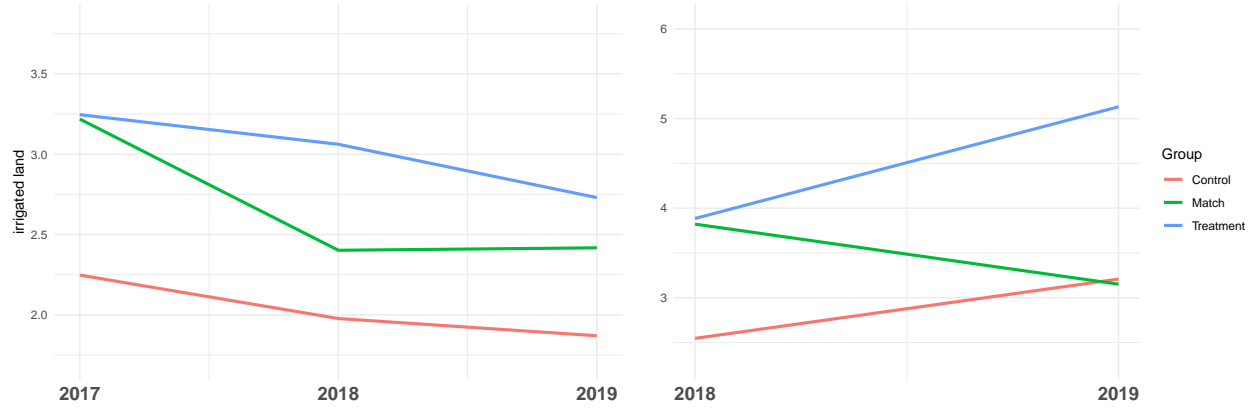
Gross cropped Area / Net Cropped Area X100

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:

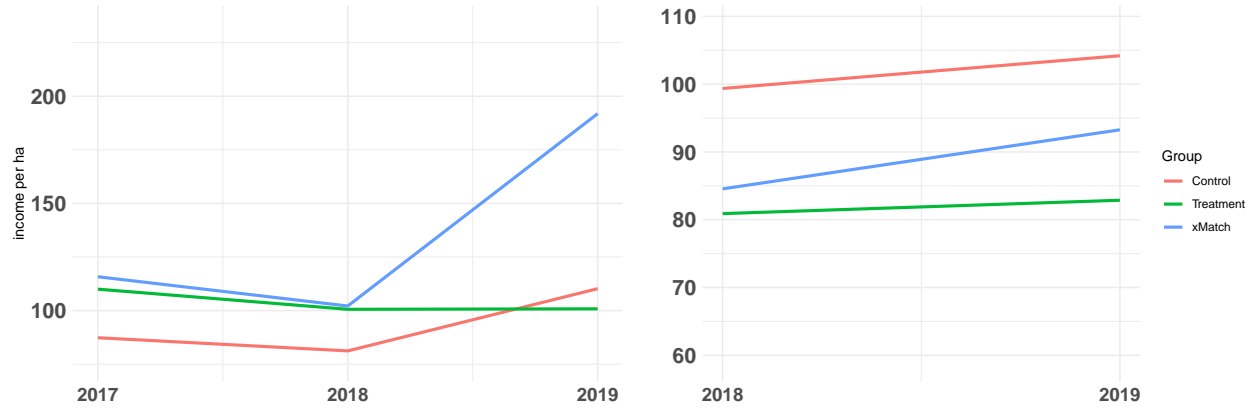
Multiply-

- 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])

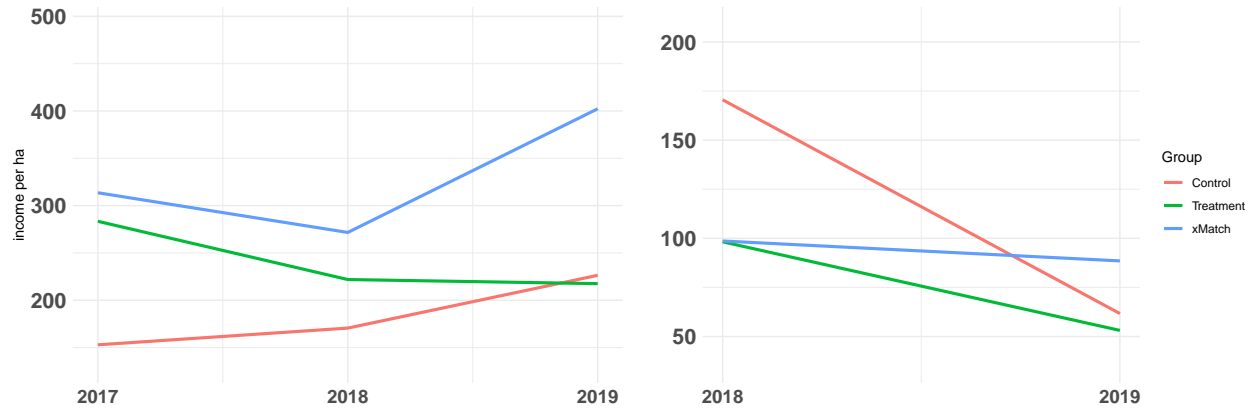
When-

- divide by farmers area size *cult_area_under_crop*

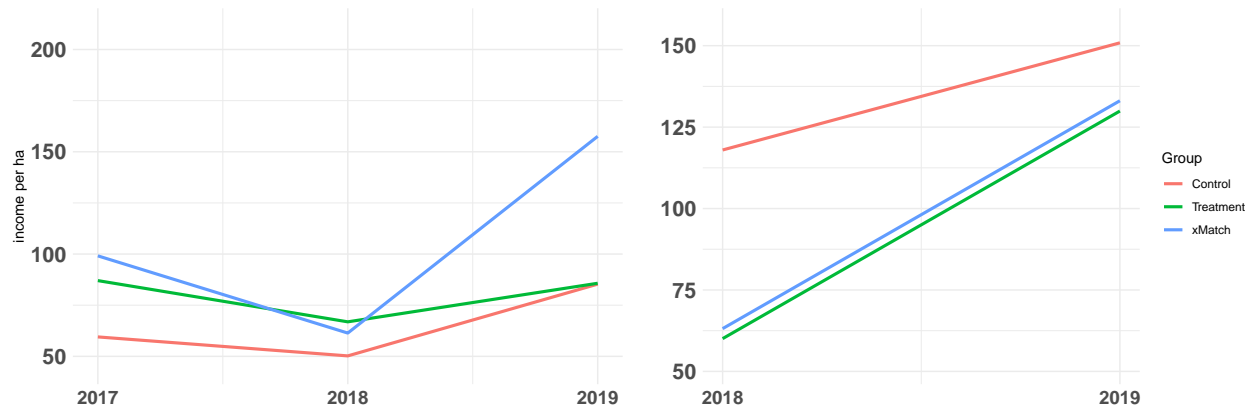
Irrigation hours per hectare - Annually (hr)



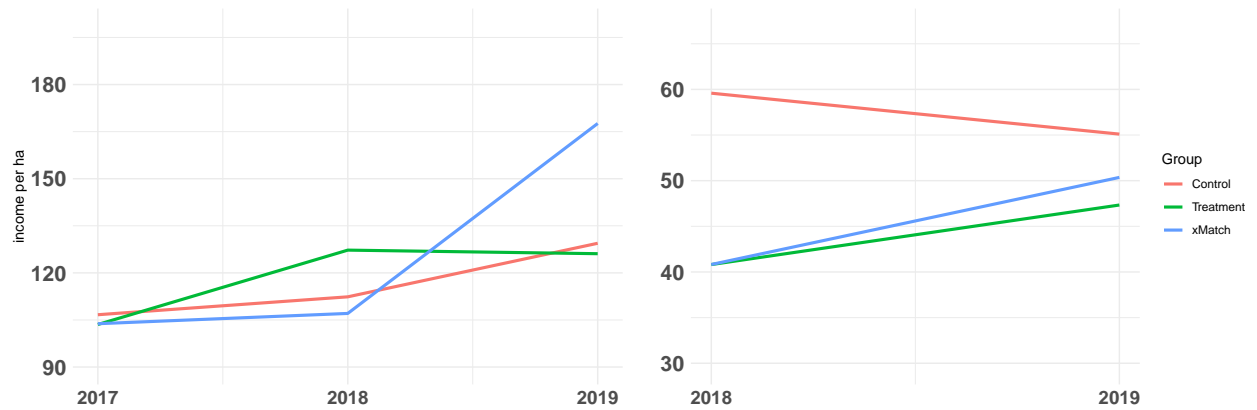
Irrigation hours per hectare - Summer (hr)



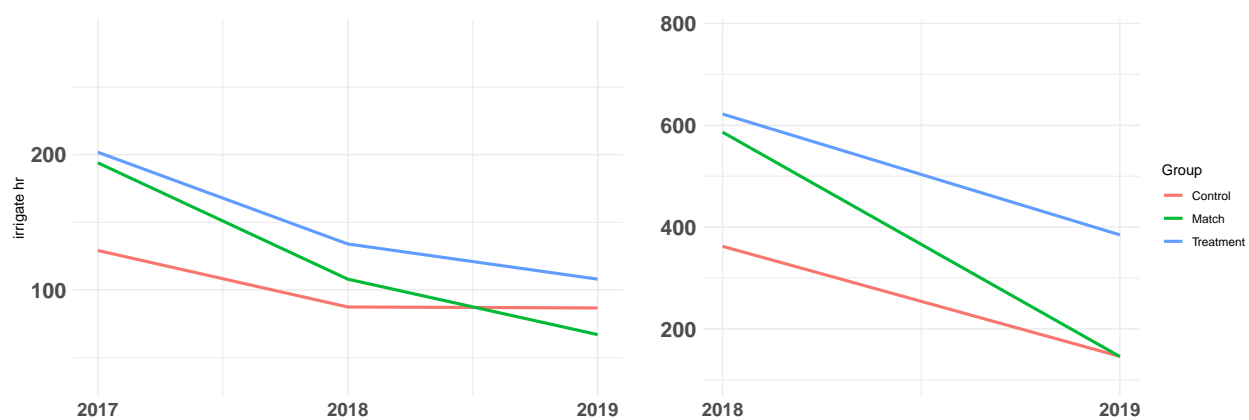
Irrigation hours per hectare - Monsoon (hr)



Irrigation hours per hectare - Winter (hr)



Fuel use - Annual (L) [7.16]
Total litres of diesel/kerosene consumed for agriculture pumps in a YEAR



Fuel use (L) [6.2]

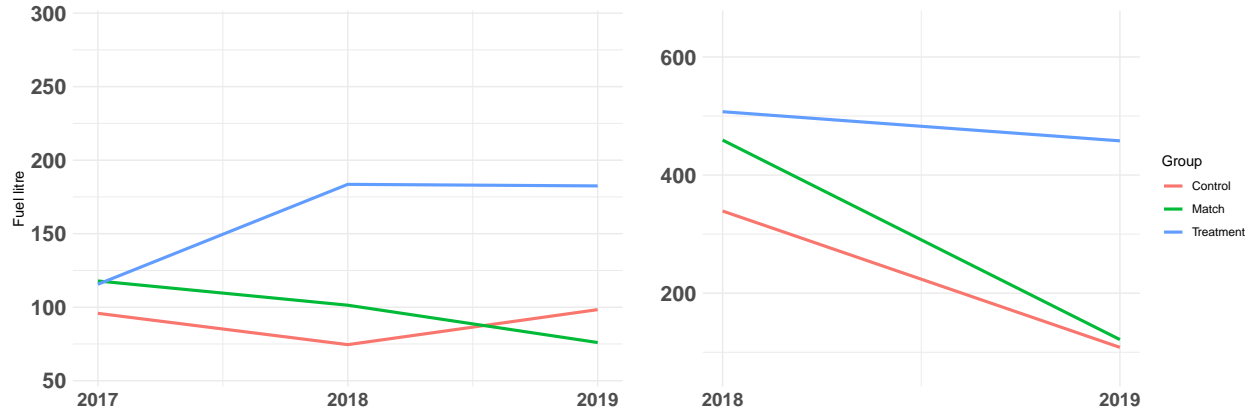
Saprari district	Control	Treatment
2017	47	8
2018	46	7
2019	10	4

Rautahat Bara Sarlahi	Control	Treatment
2018	63	25
2019	46	16

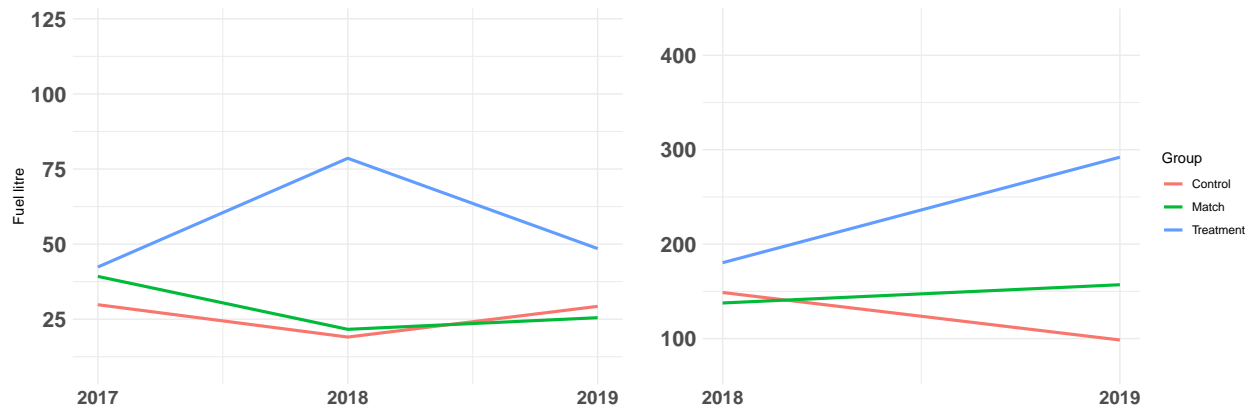
Fuel use - Annually (L) [6.2]

Multiply-

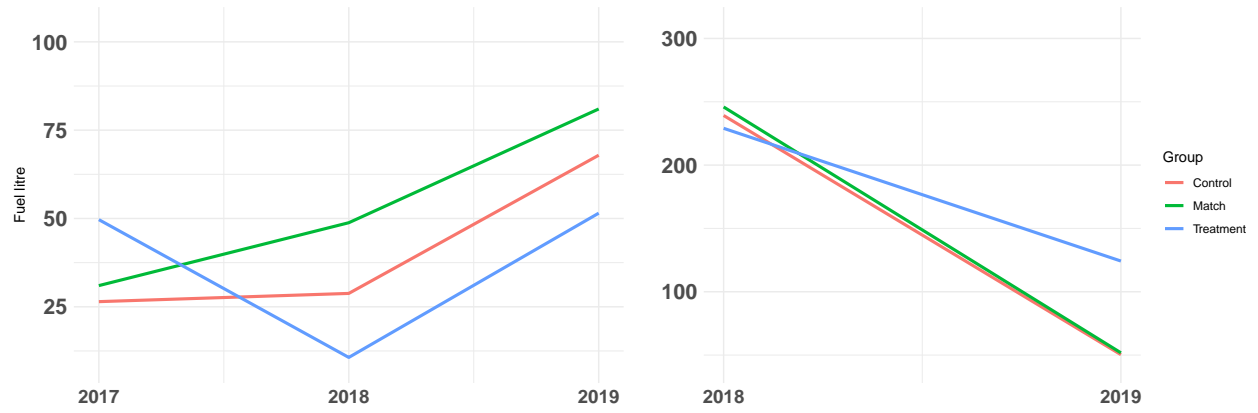
- How many liters of fuel per hour [6.18a]
- How many days in a season was the pump used [6.30]
- How many hours per day_ [6.31]



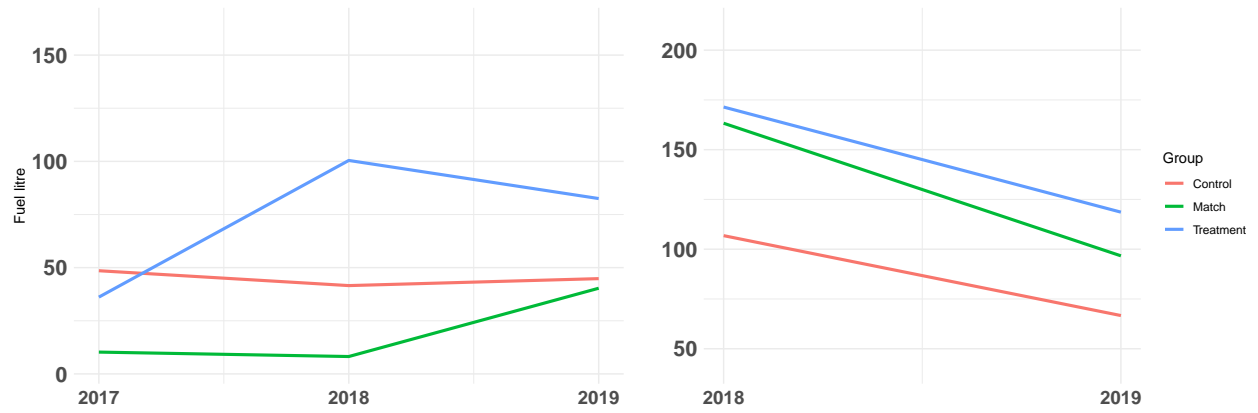
Fuel use - Summer (L) [6.2]



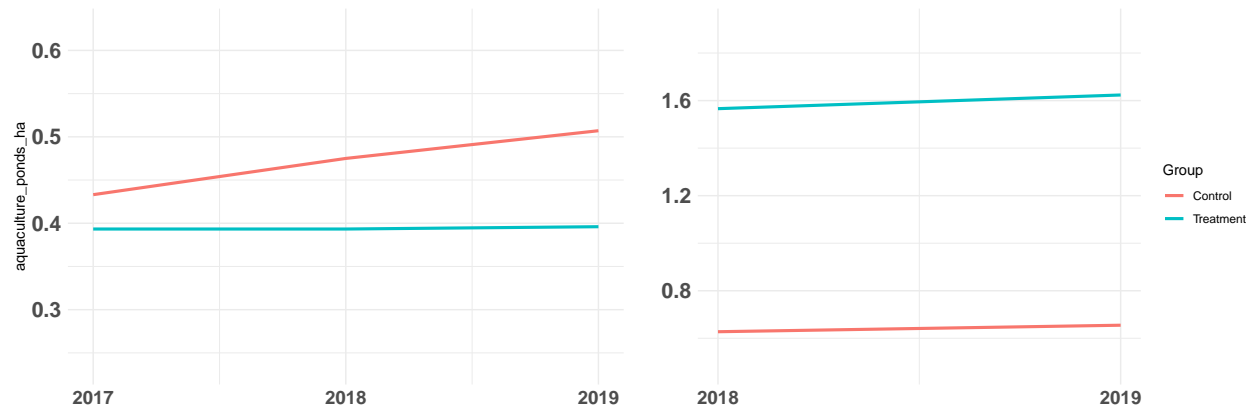
Fuel use - Winter (L) [6.2]



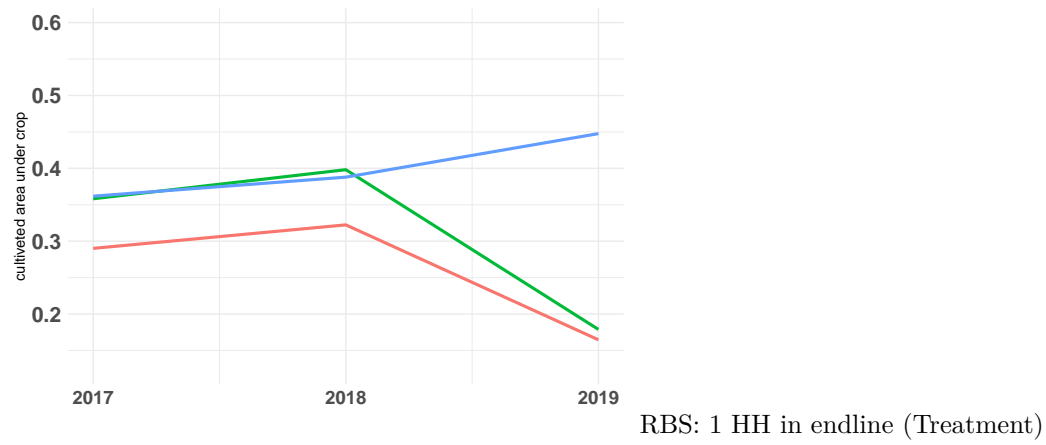
Fuel use - Monsoon (L) [6.2]



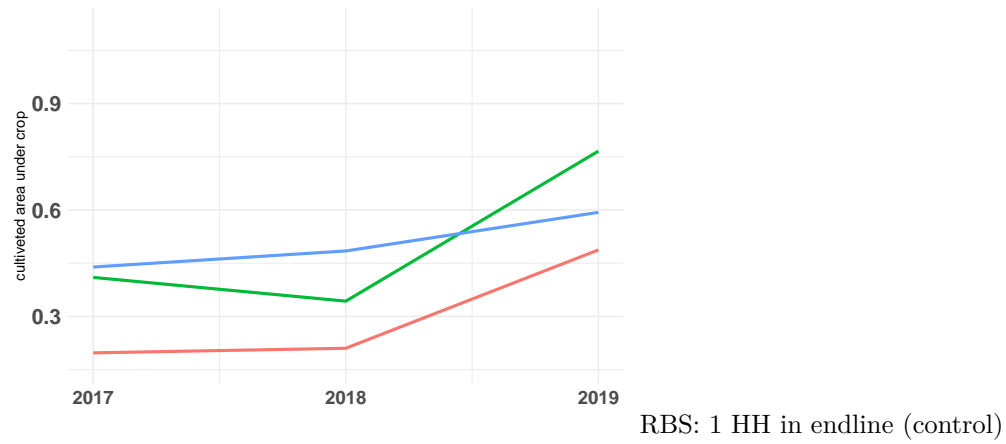
Aquaculture ponds (ha)



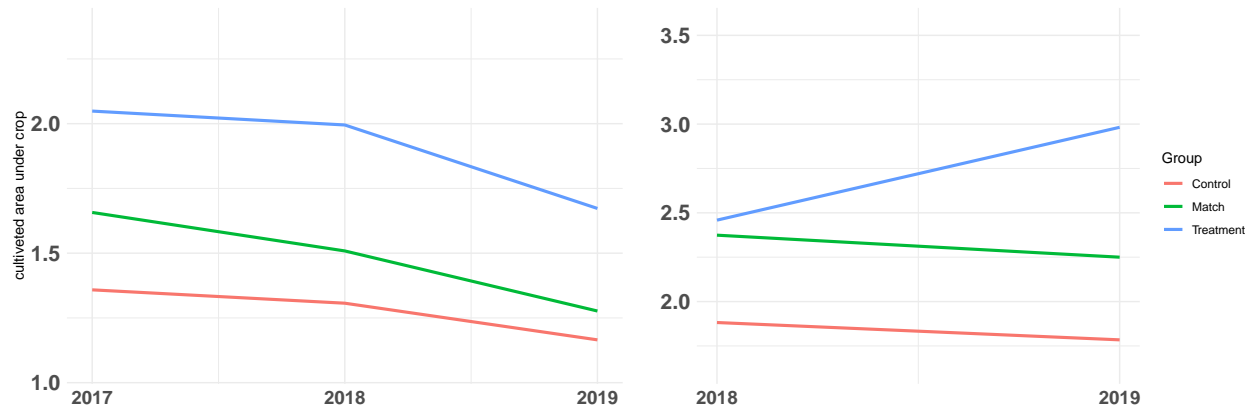
Cropping Pattern - Vegetables- Annual yield (ha)



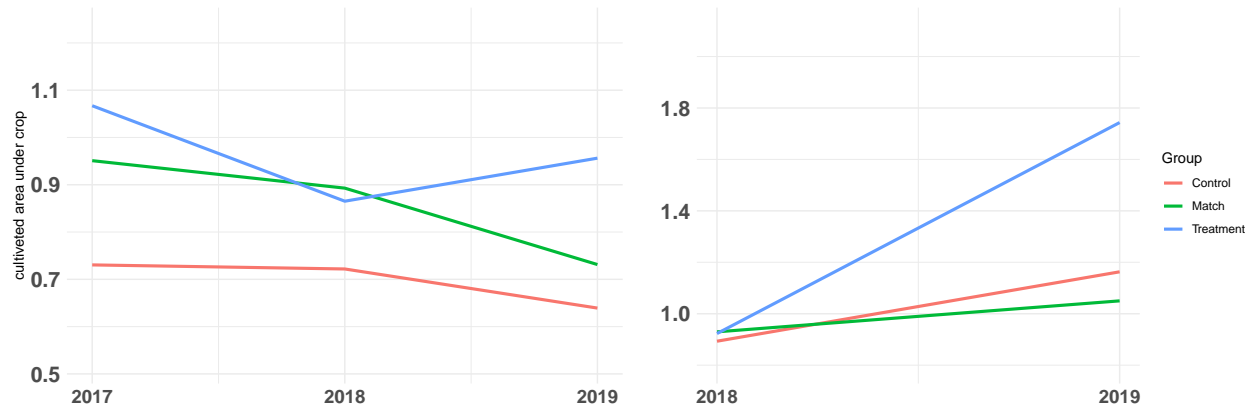
Cropping Pattern - Oilseeds- Annual yield (ha)



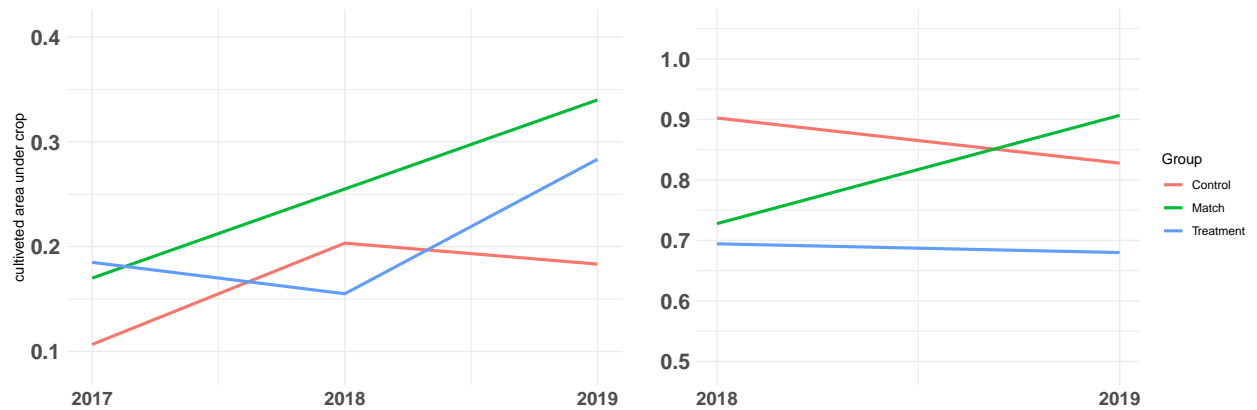
Cropping Pattern - Paddy - Annual yield (ha)



Cropping Pattern - Wheat - Annual yield (ha)



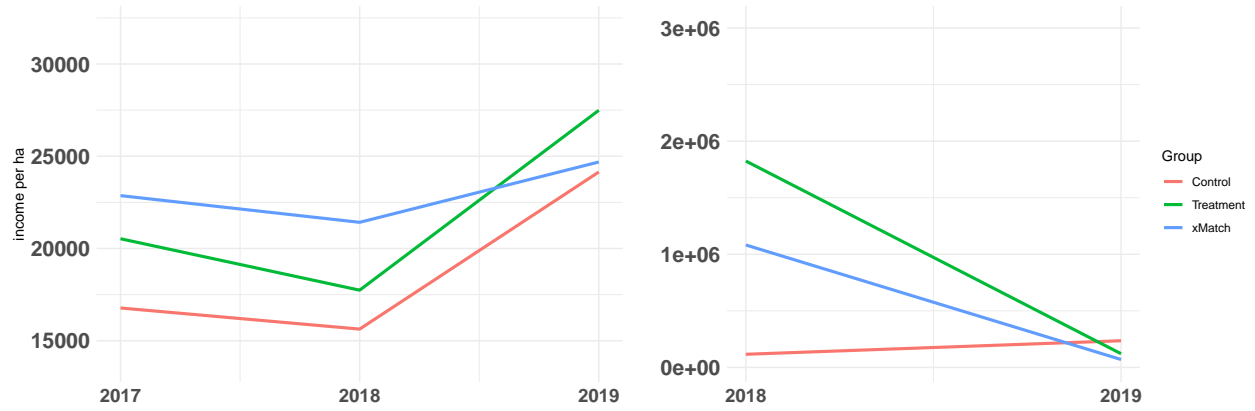
Cropping Pattern - Maize -Annual yield (ha)



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