



Earthworm population comparison in ZBNF and Chemical farms

Earthworm population study

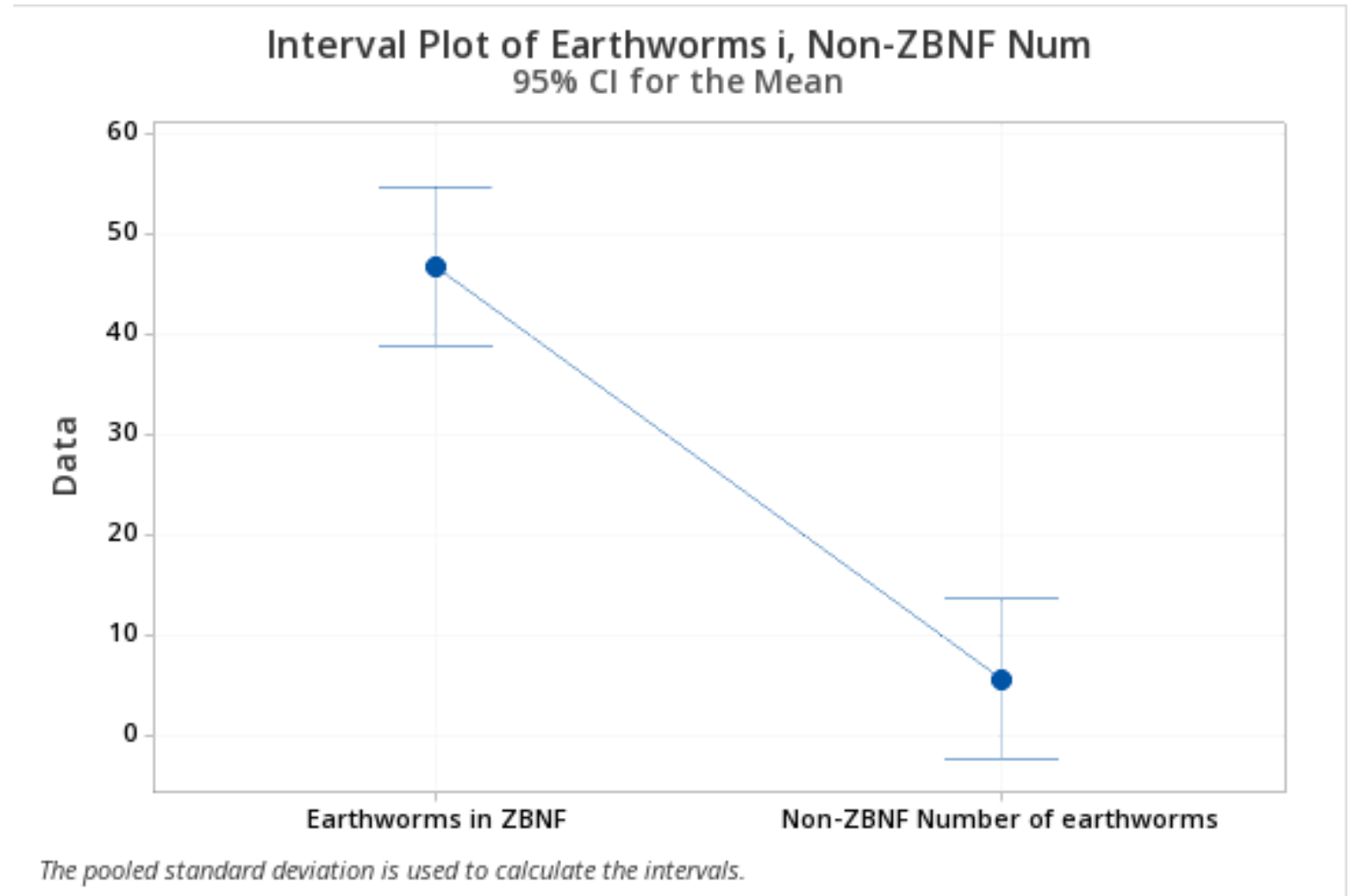
- We compared the earthworm count taking one square meter both in ZBNF and Chemical farms
- We tested in all agroecological zones of Andhra Pradesh
- The data was collected in 542 ZBNF and 542 Chemical farms (Square meters)



Average number of Earthworms per square meter in APCNF 46.83 and the average number of earthworms per square meter is 5.71

Earthworm population	Sample size	Mean	StDev	Significance Level
APCNF	542	46.83	132.65	0.000***
Non-ZBNF	542	5.712	15.617	

There is significant difference in Earthworm population in ZBNF in comparison with Chemical farms



Average number of earthworm holes and casting ZBNF 22.79 and Chemical 3.709

	N	Mean	P-Value
ZBNF Number of earthworm holes/	542	22.79	0.000***
Non-ZBNF Number of earthworm ho	542	3.709	

Earthworm holes/castings in ZBNF vs Chemical

