

Supplemental material

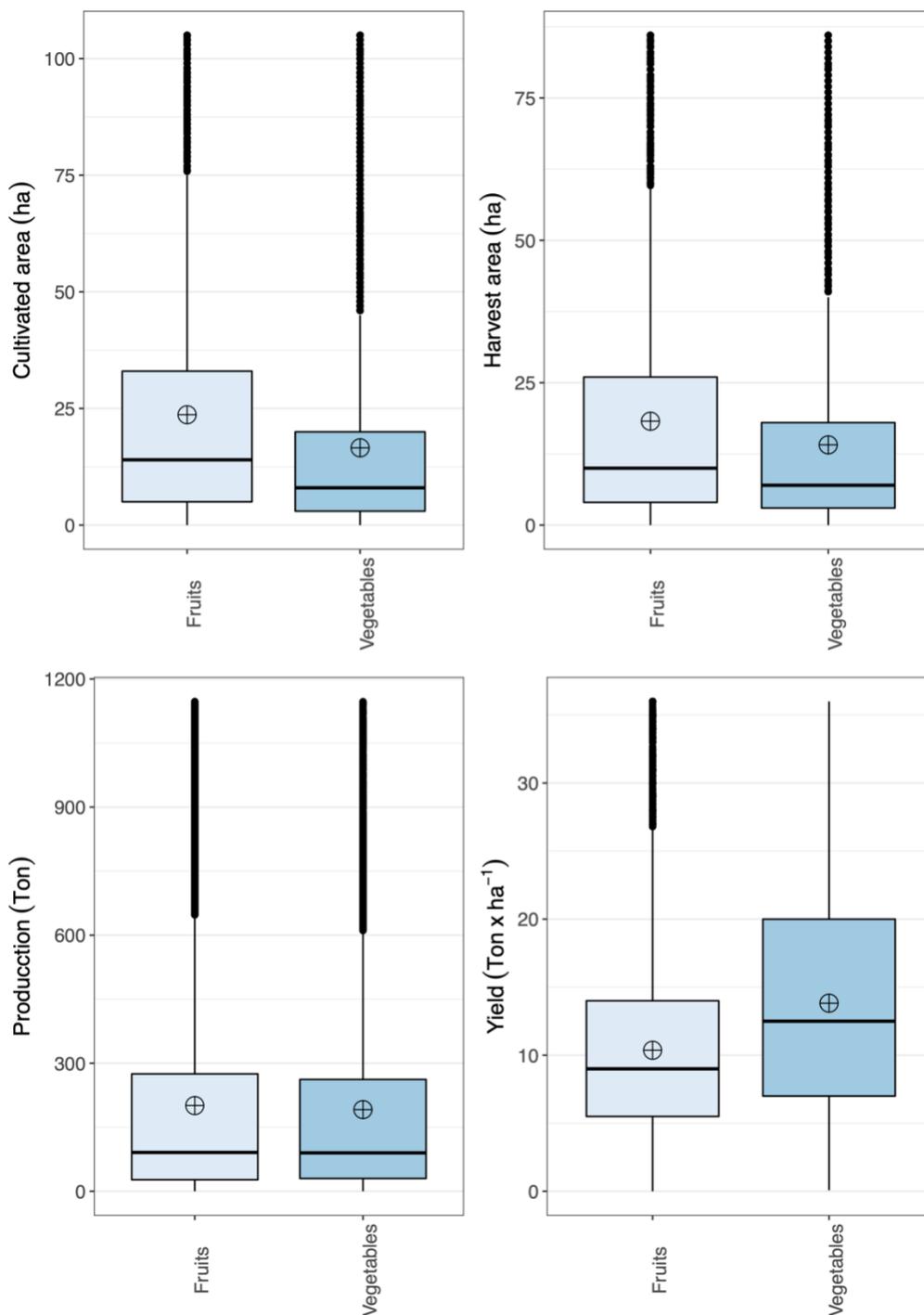


Figure S1. Data distribution and mean (crossed circle) per crop type, fruits and vegetables, of the variables cultivated area (CAR), harvest area (HAR), production (PRO) and yield (YIE) by Colombian farms.

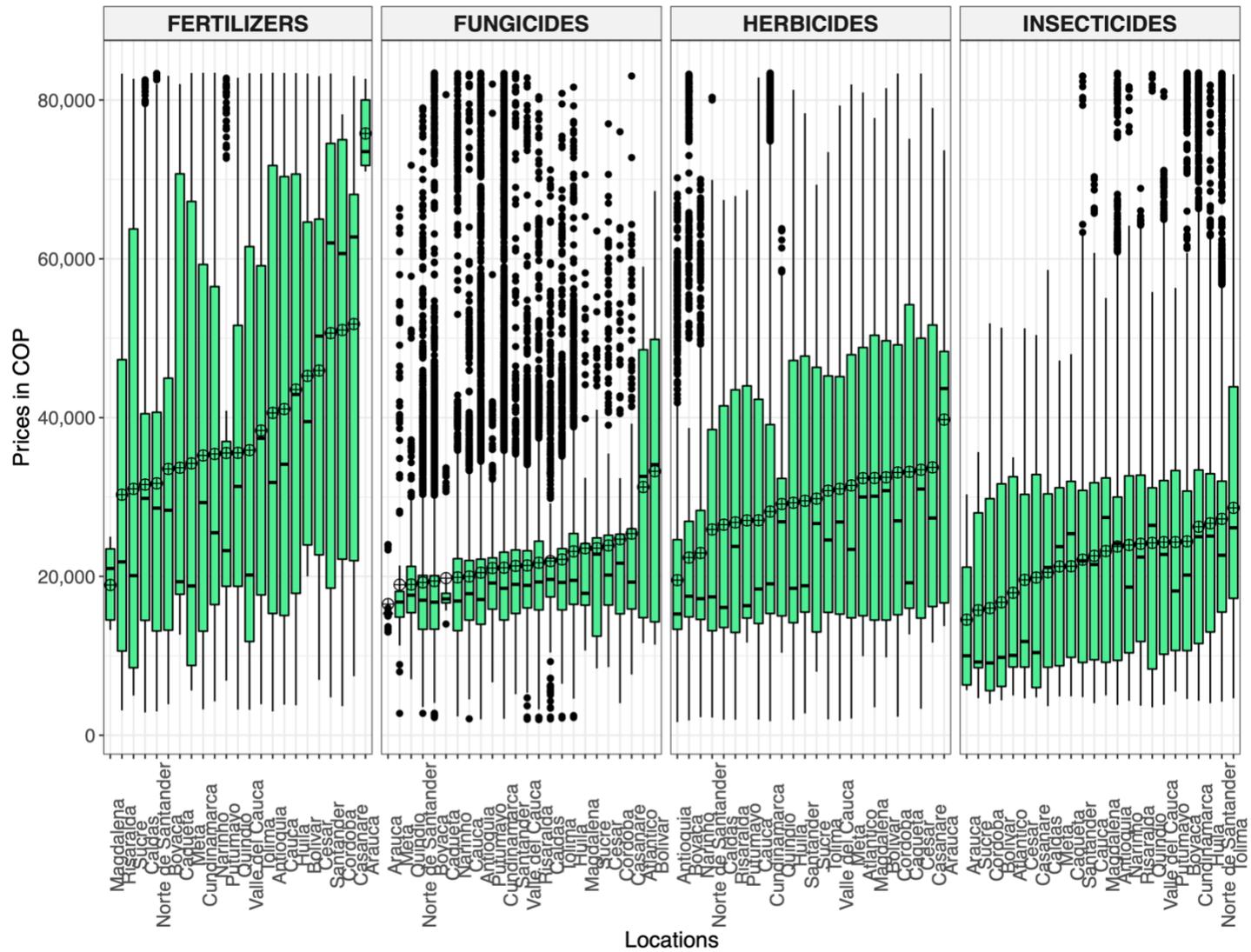


Figure S2. Data distribution and mean (crossed circle) of commodity prices for fruits and vegetables.

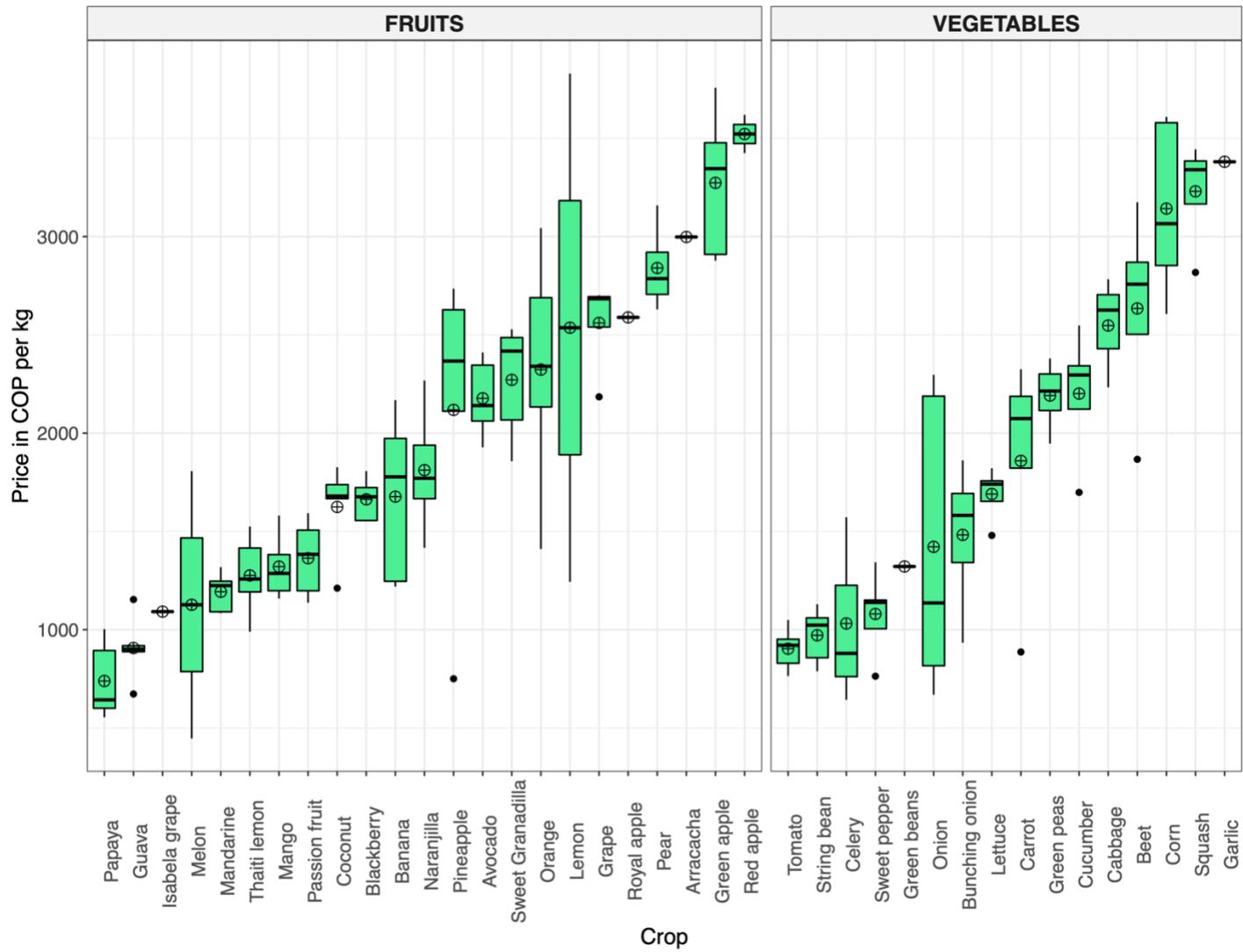


Figure S3. Data distribution and mean (crossed circle) of agri-inputs prices in Colombia national locations.

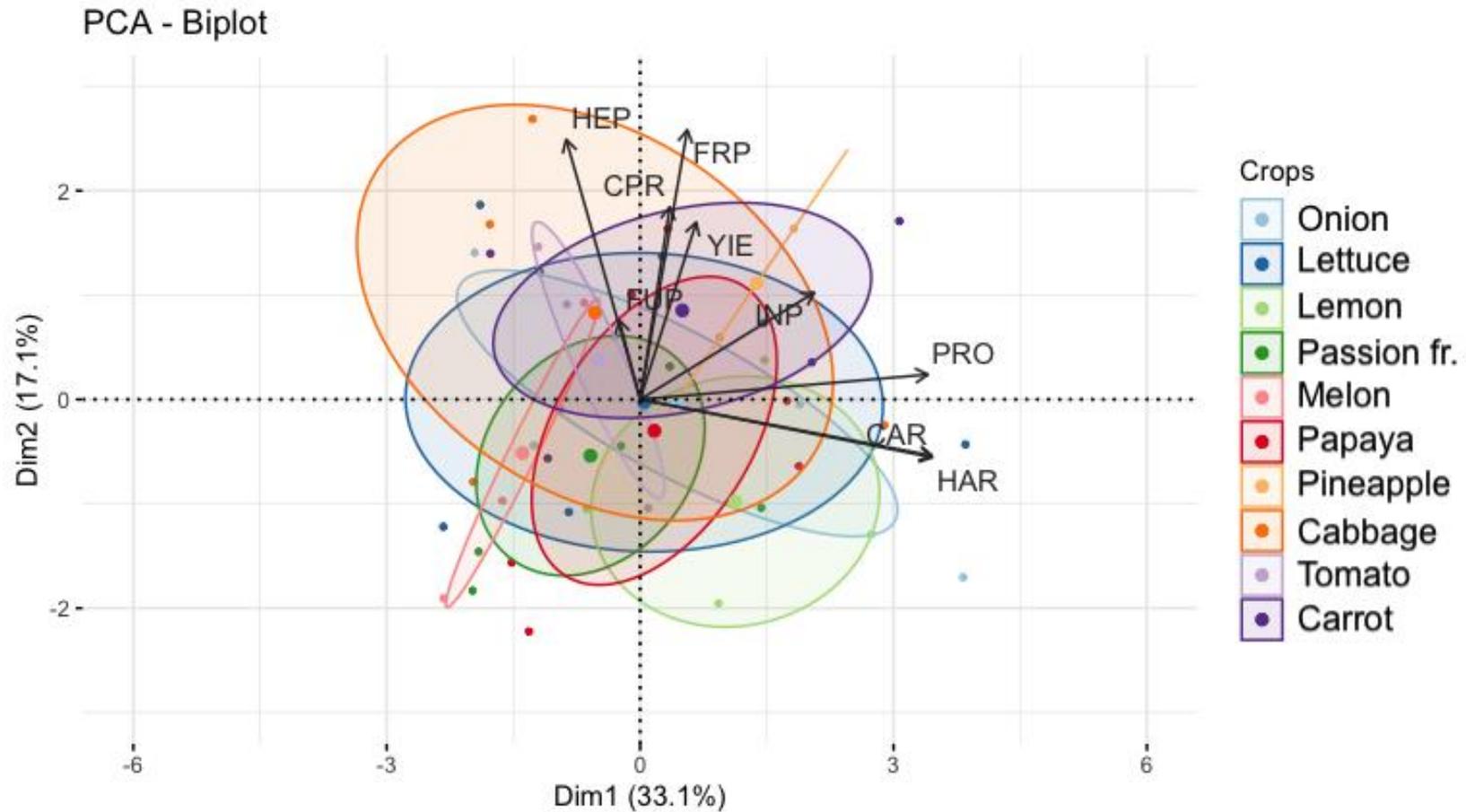


Figure S4. Biplots generated from PCA with the percentage of variance explained by the first two components for agricultural and non-climatic variables observed at different locations. Colors of the dots display the values grouped by analyzed fruits and vegetables crops. The analyzed variables were cultivated area (CAR), harvested area (HAR), production (PRO), yield (YIE), commodity price (CPR), fertilize price (FRP), herbicide price (HEP), insecticide price (INP), fungicide price (FUP)

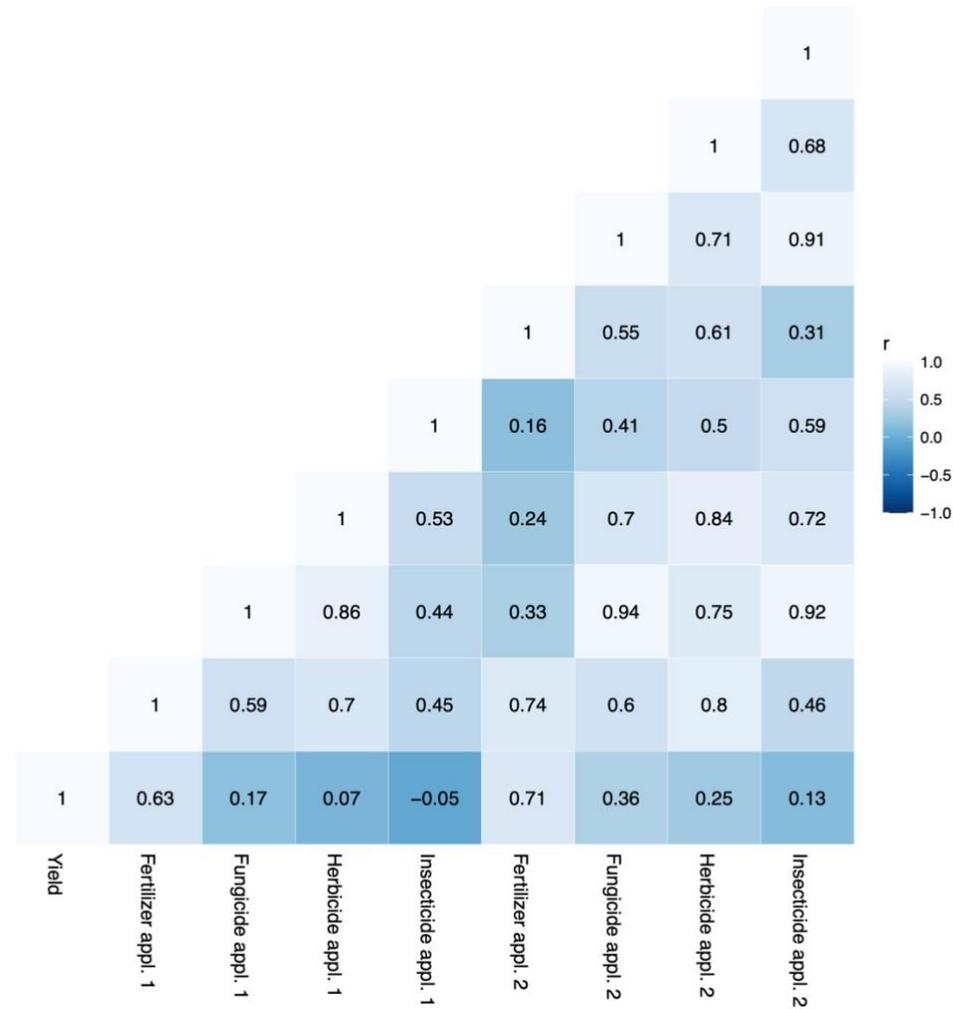


Figure S5. Heatmap showing correlation results among agri-inputs variables and yield of an agricultural database for year 2018. Numbers in the squares indicates pearson correlation coefficient.