Accumulated local effects

2-D feature interaction plots.

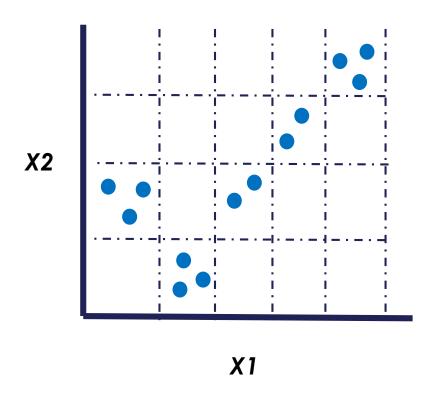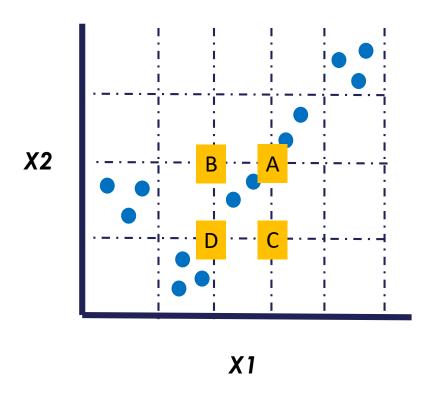# ALE – 2 feature plots

Sort the observations into a grid.

Determine the effect in the grid.

Aggregate those effects.

X2

X1

ALE – 2 feature plots
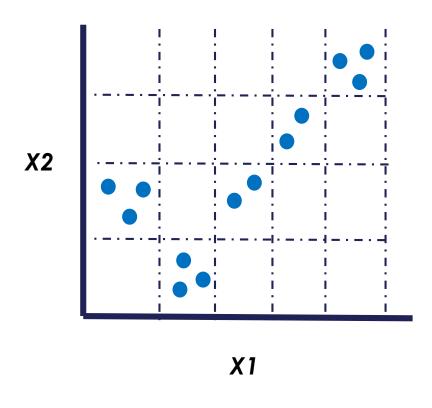

Sort the observations into a grid.

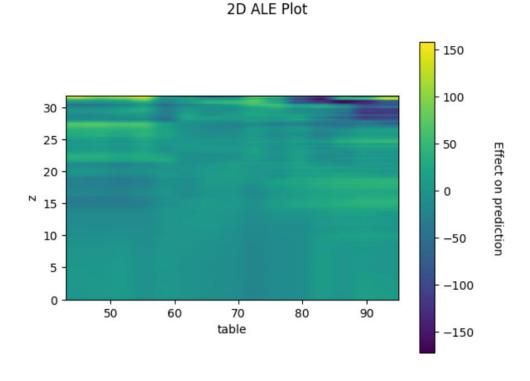Determine the effect in the grid:

(A-B)-(C-D)

Aggregate those effects.

ALE – 2 feature plots

What to do with empty cells?

- Leave them empty.
- Infer their value from their closest neighbour.

ALE – 2 feature plots

2D ALE Plot

Currently, it is only supported by PyALE.