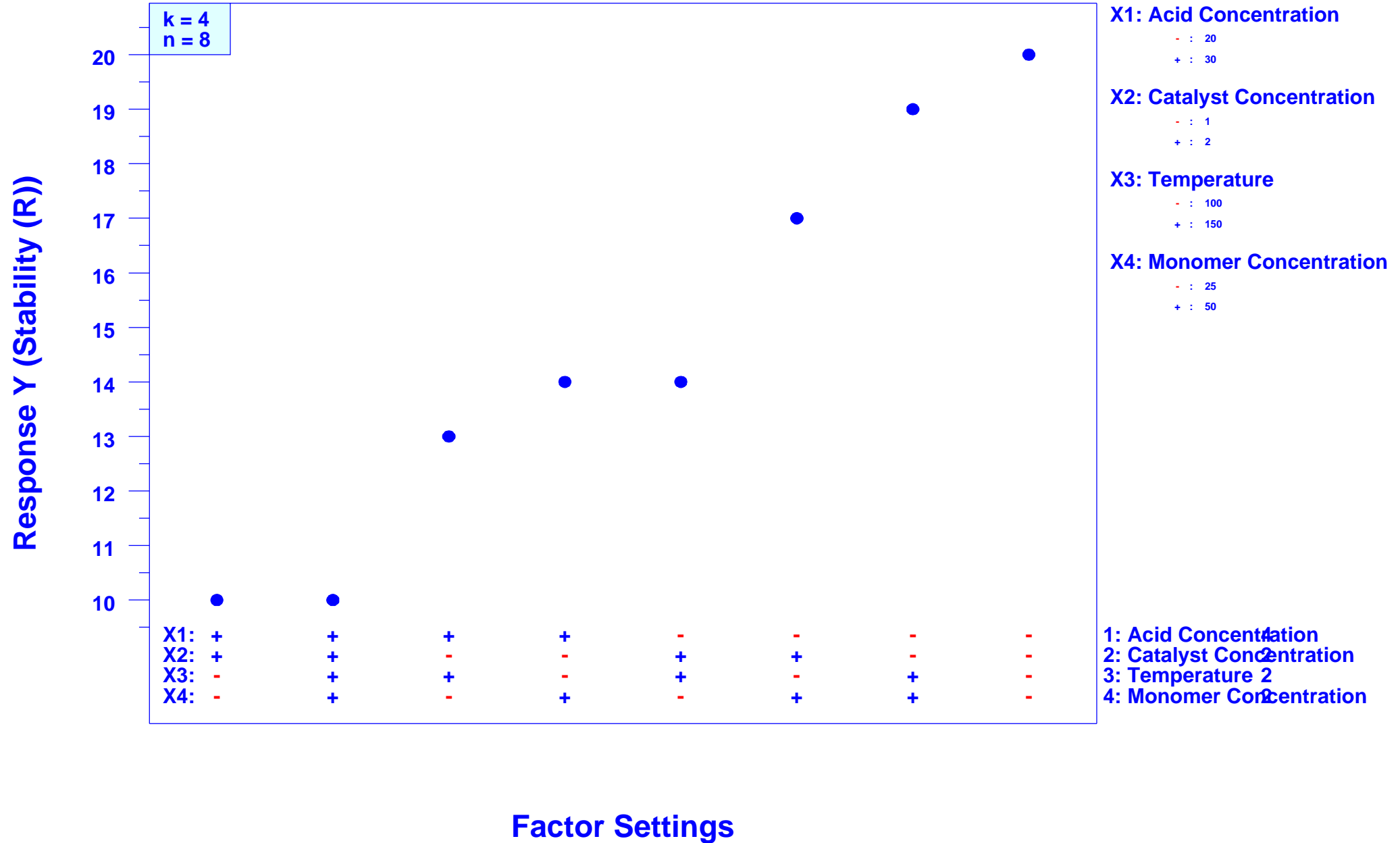
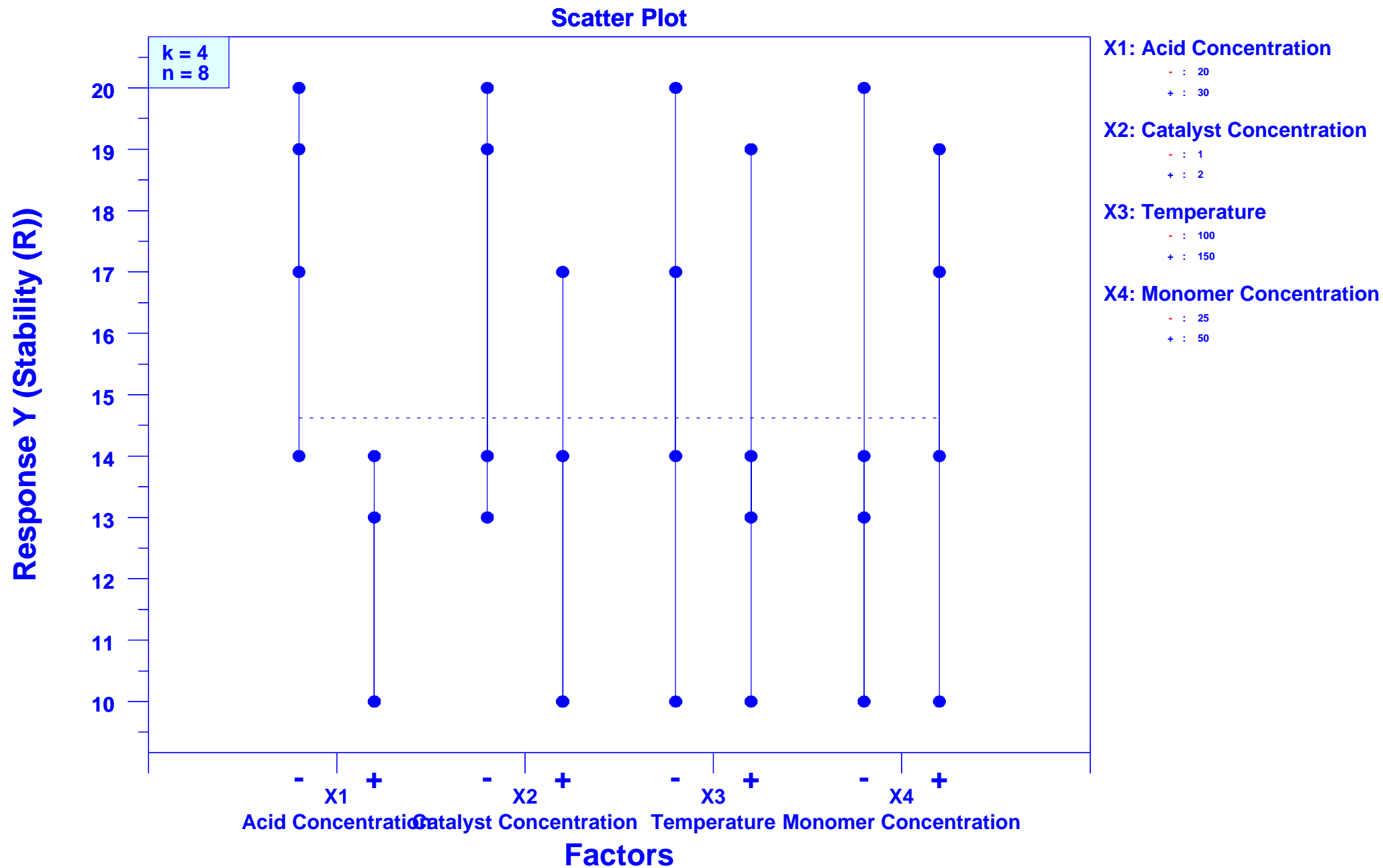


## BHH Chemical Stability

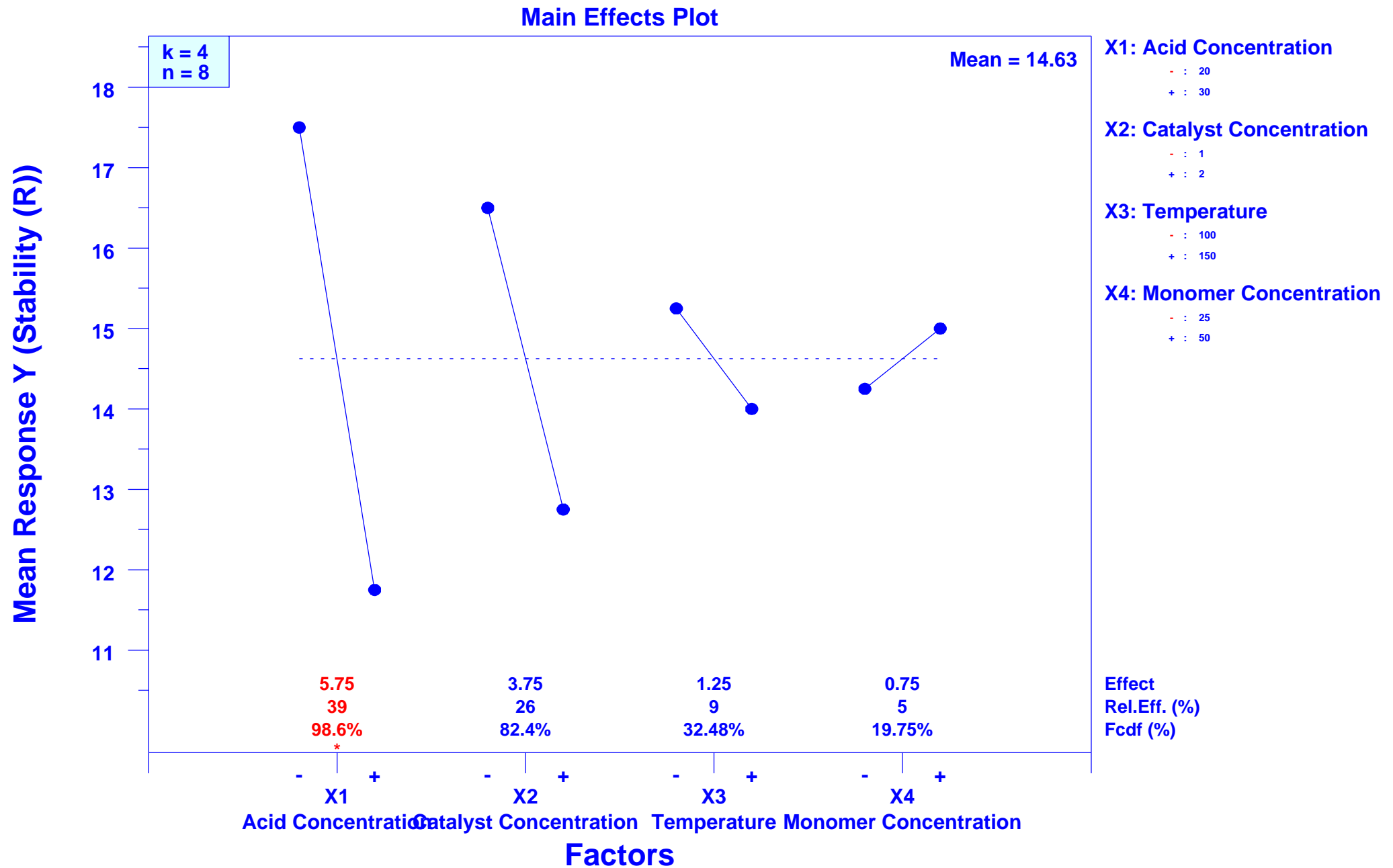
Ordered Data Plot



## BHH Chemical Stability

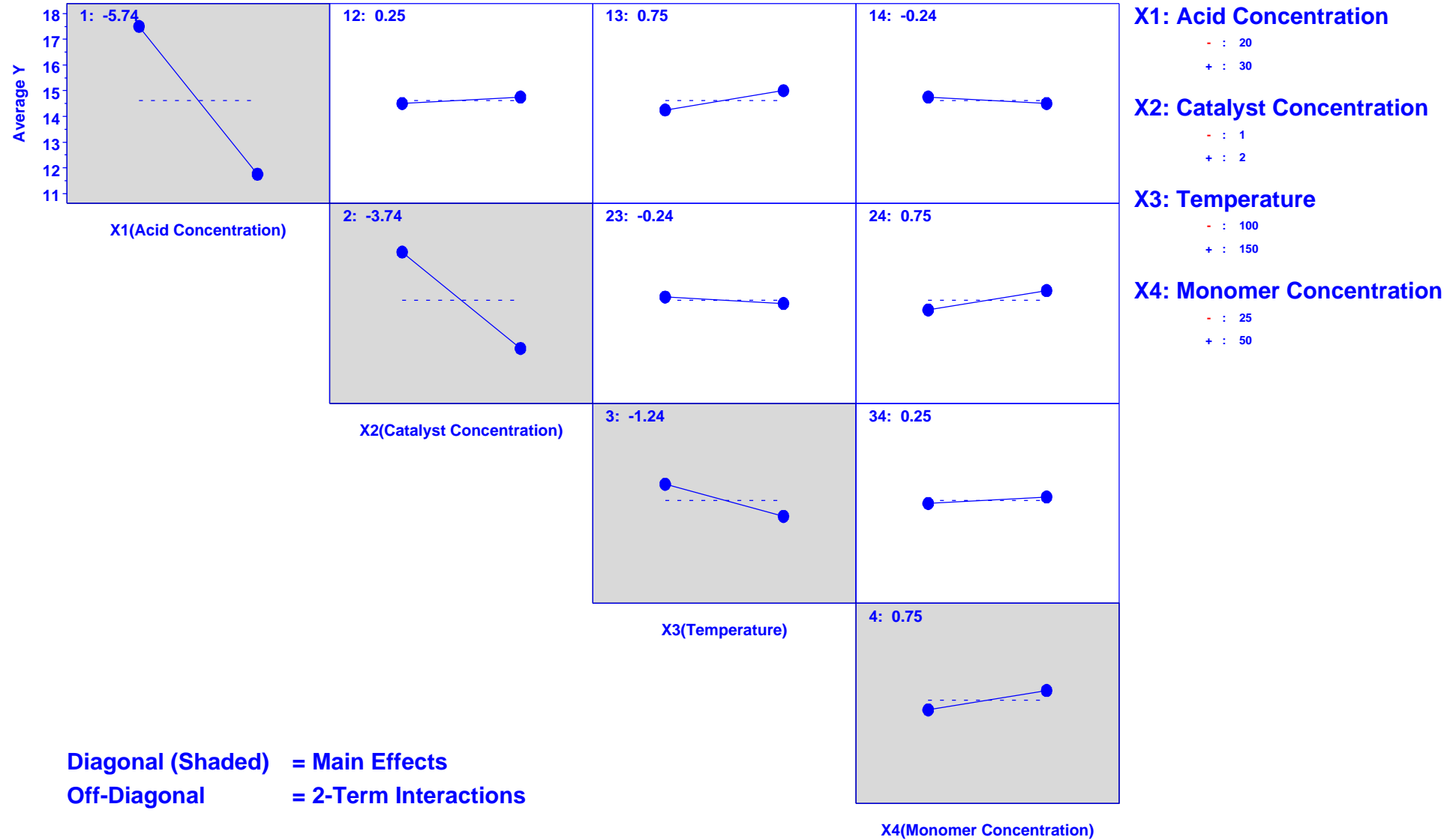


## BHH Chemical Stability



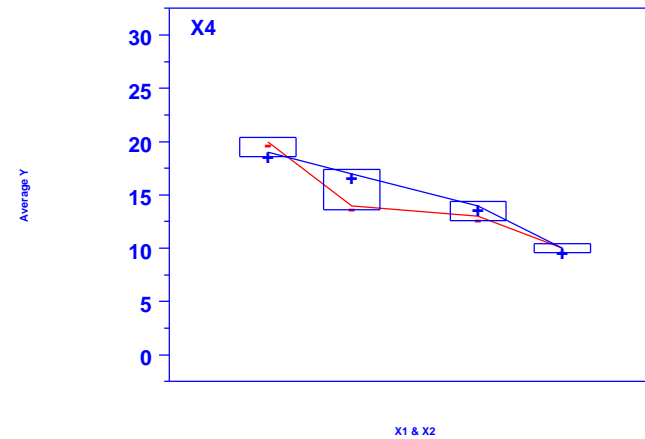
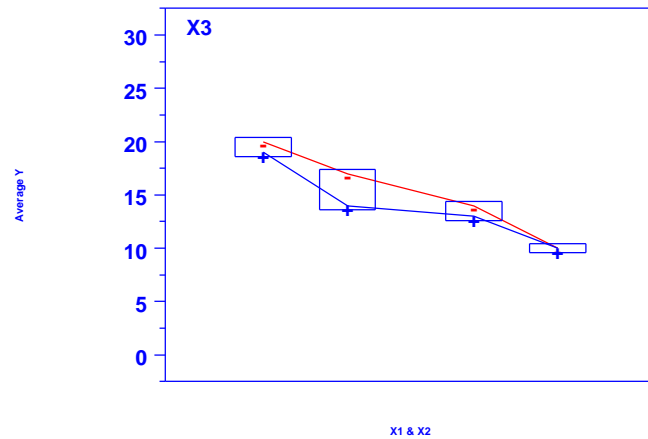
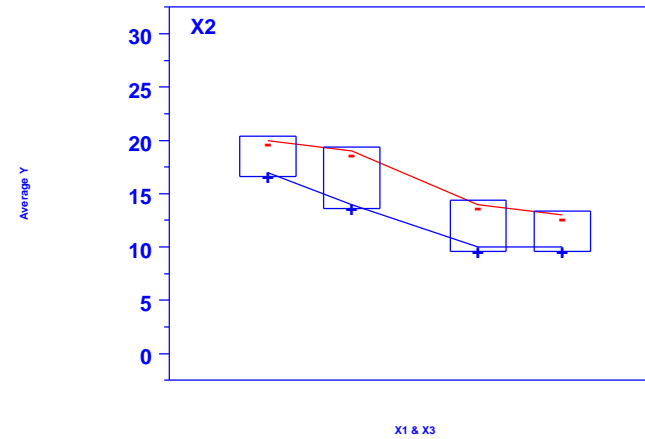
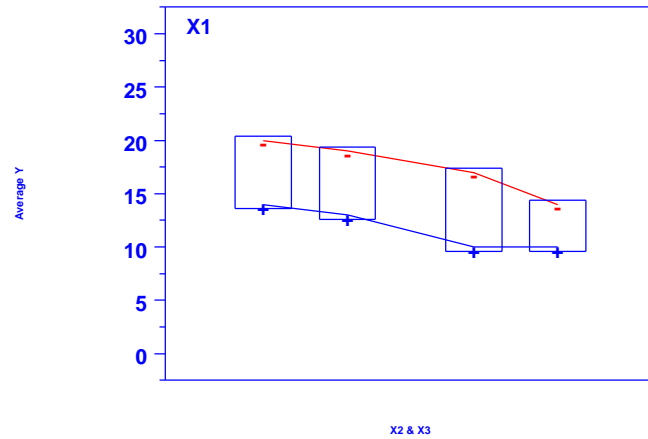
## BHH Chemical Stability

Interaction Effects Matrix



# BHH Chemical Stability

## Block Plot



**X1: Acid Concentration**

- : 20

+ : 30

**X2: Catalyst Concentration**

- : 1

+ : 2

**X3: Temperature**

- : 100

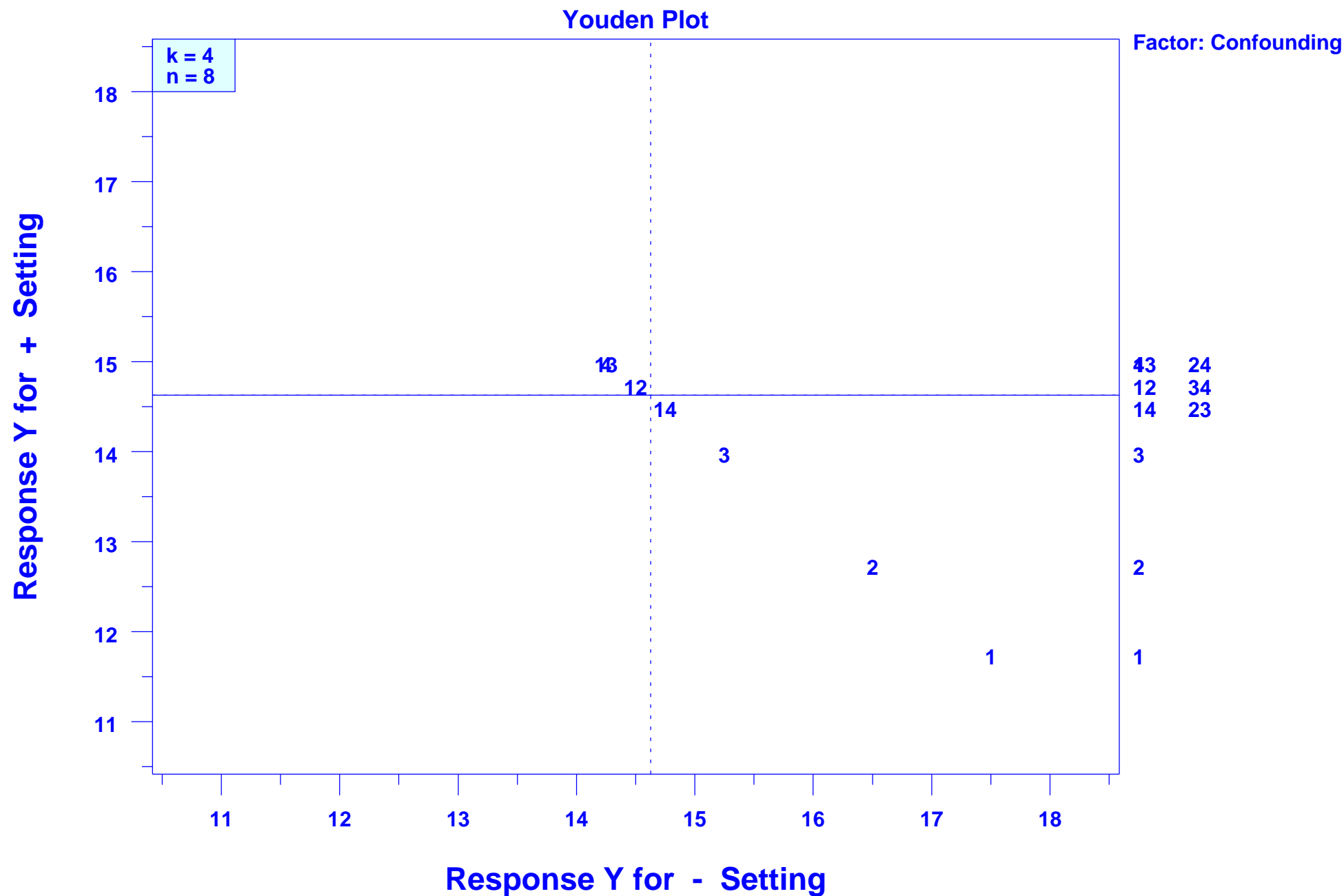
+ : 150

**X4: Monomer Concentration**

- : 25

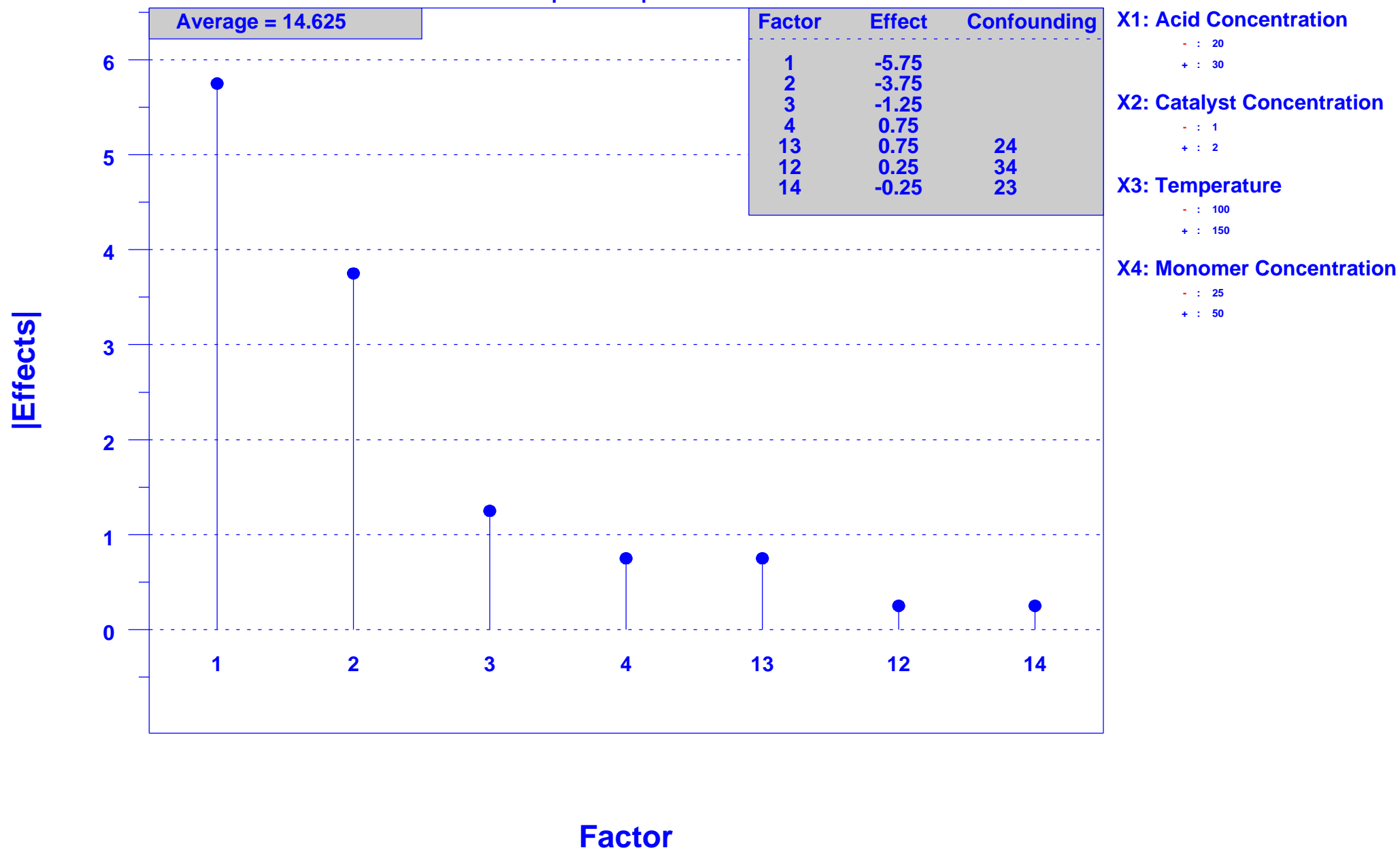
+ : 50

## BHH Chemical Stability

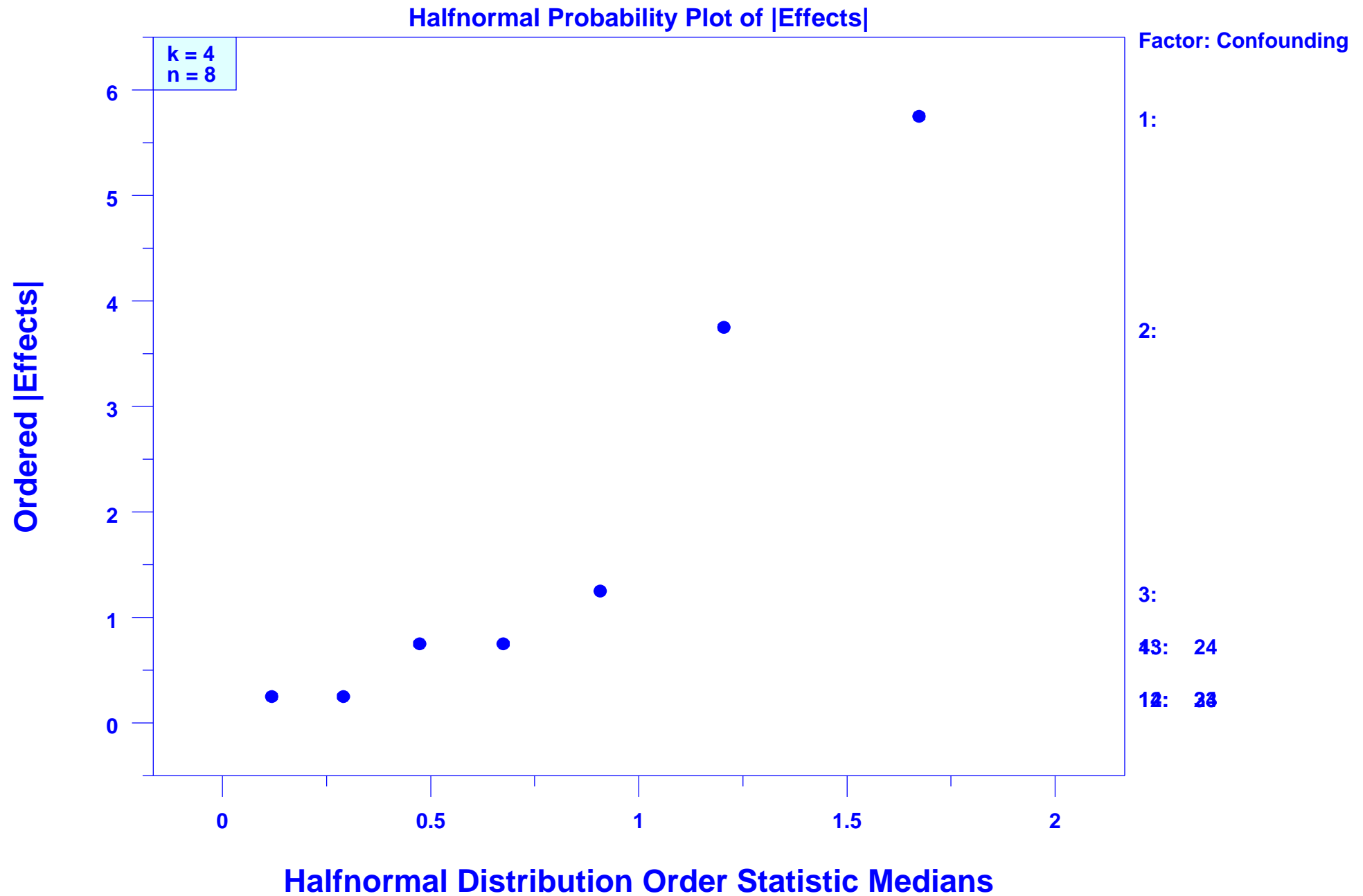


## BHH Chemical Stability

|Effects| Plot



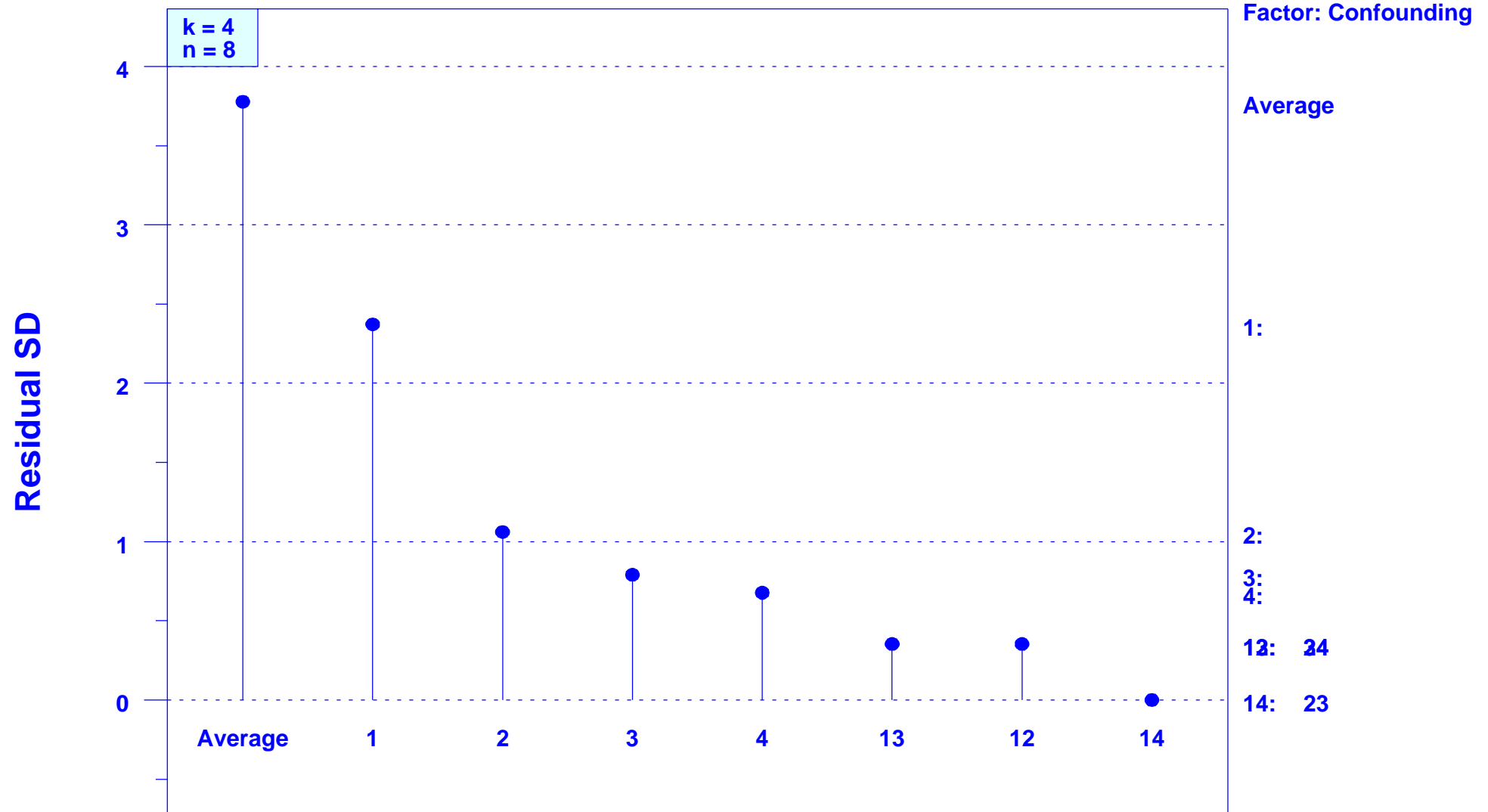
## BHH Chemical Stability





## BHH Chemical Stability

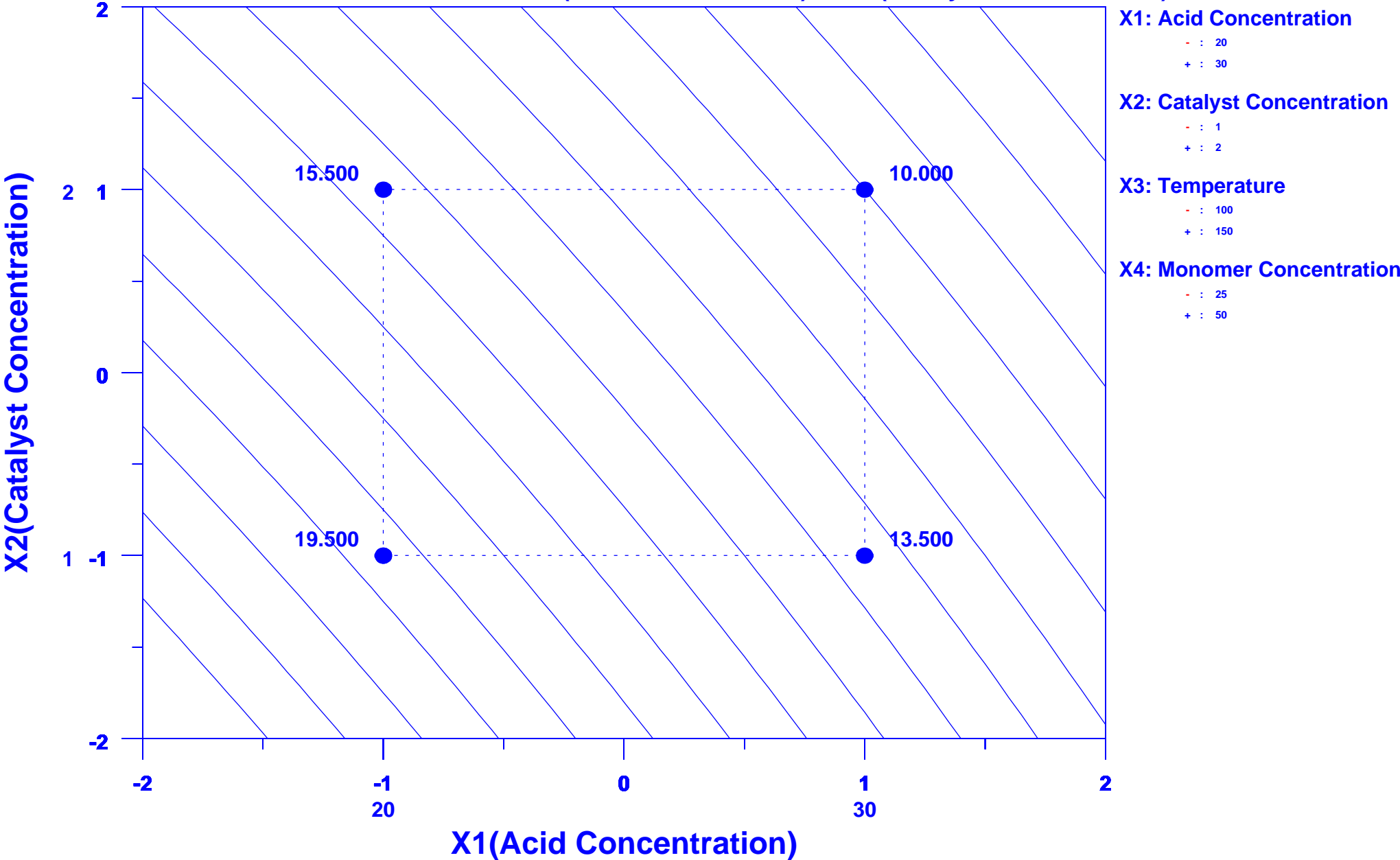
Cumulative Residual SD Plot



Cumulative Model

BHH Chemical Stability

Contour Plot of 2 Dominant Factors: X1 (Acid Concentration) & X2 (Catalyst Concentration)



Model-Based Predicted Value at Center Point = 14.625