

The dependent variable is a piecewise linear function of the independent variables; this is essentially a bunch of piecewise hyperplanes with a final twist.

We have

- $y = 0.1$ whenever $|x_1| < 0.1$
- $y = -x_3$ whenever:
 - $\{x_1 < -0.1, x_2 < 0\}$
 - $\{x_1 > 0.1, x_2 > 0\}$
 - $\{x_1 < -0.1, x_2 > 0, x_3 > 0\}$
 - $\{x_1 > 0.1, x_2 < 0, x_3 < 0\}$
- $y = x_1 + x_2 + x_3$ whenever:
 - $\{x_1 < -0.1, x_2 > 0, x_3 < 0\}$
 - $\{x_1 > 0.1, x_2 < 0, x_3 > 0\}$

Finally, for some diabolical reason every 45th point obeys a different rule, which is that $y = x_1 - x_2$.