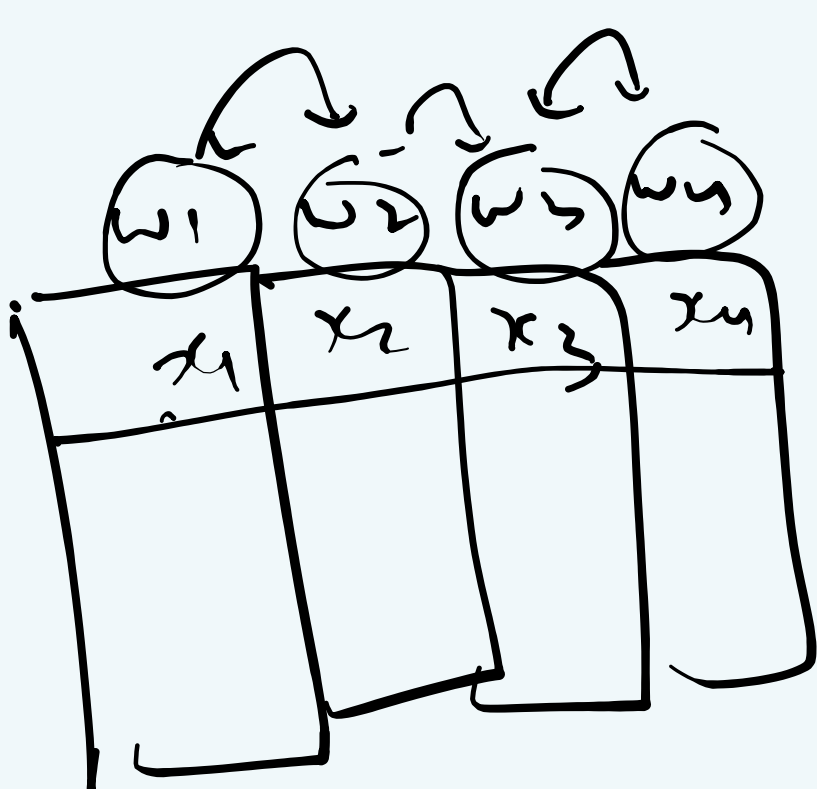


Hyper-param tuning: Log reg + L1 reg.



$$V(F_j) = \frac{1}{1-R^2}$$
$$\frac{1}{0} \Rightarrow \infty$$

“10 feature” → LR (better)
↓
“2 feature” → LR ↓↓
↓ ↓
(80%)

Q ⇒ “ML Model”

$\begin{matrix} X \rightarrow (n, 1) \\ Y \rightarrow (n, 1) \end{matrix}$

x	y
-	-
-	-
-	-

$$y = w_1 x + w_0$$
$$F = w_1 \cdot C + w_0$$

Linear Res

$F = 1.8 \times C + 32$

$\begin{matrix} X \\ Y \end{matrix} \rightarrow \begin{matrix} (n, 1) \\ (n, 1) \end{matrix}$

3, 4 datapoints are sufficient

