

- ★ $w^* = \arg \min_{w \in \mathbb{R}^2} \|y - Xw\|_2^2$
- ★ $w^* = \arg \min_{\|w\|_2 \leq 1} \|y - Xw\|_2^2$
- ★ $w^* = \arg \min_{\|w\|_1 \leq 1} \|y - Xw\|_2^2$
- ℓ_2 unit ball
- ℓ_1 unit ball

