



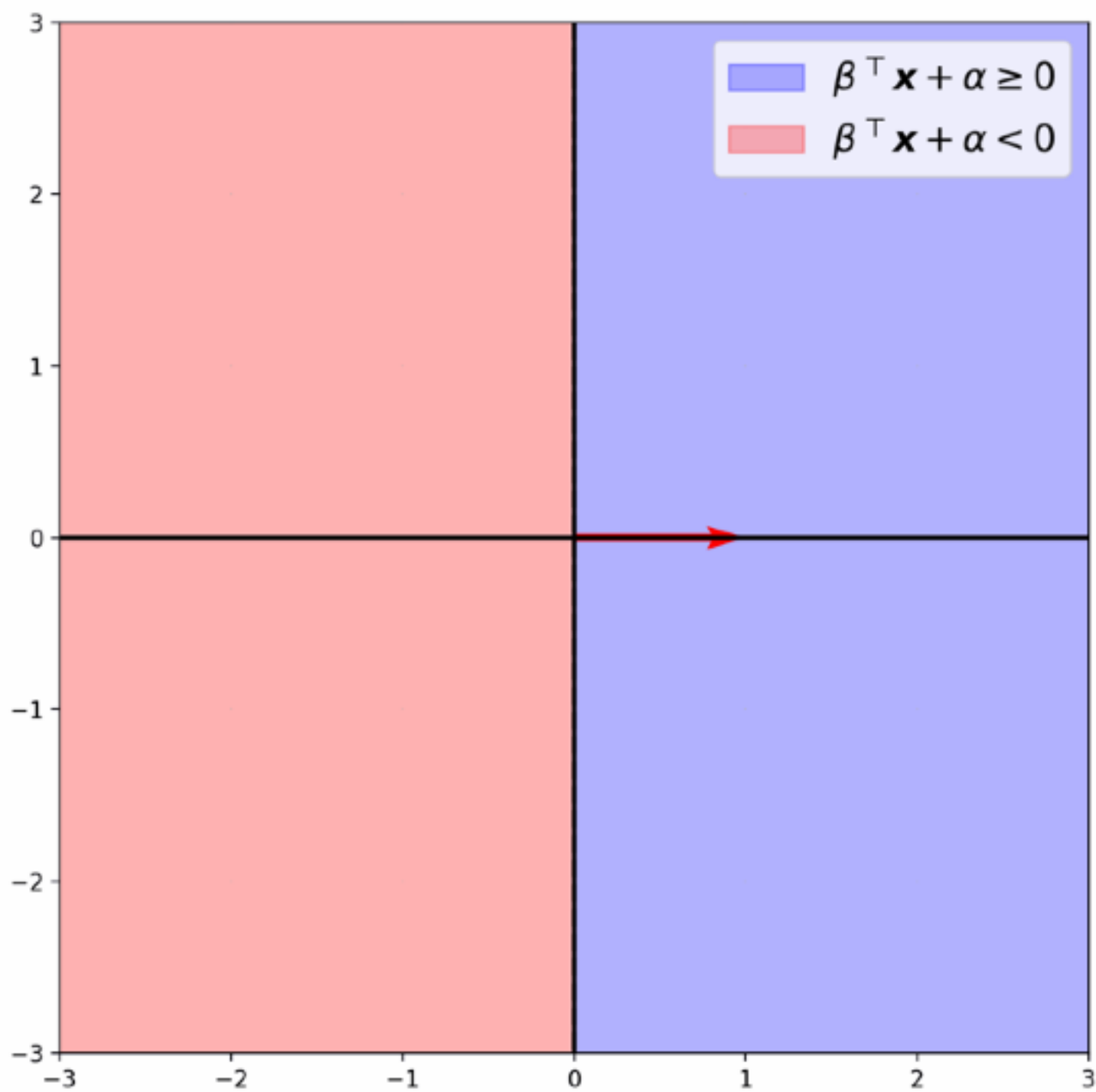
I N S E A



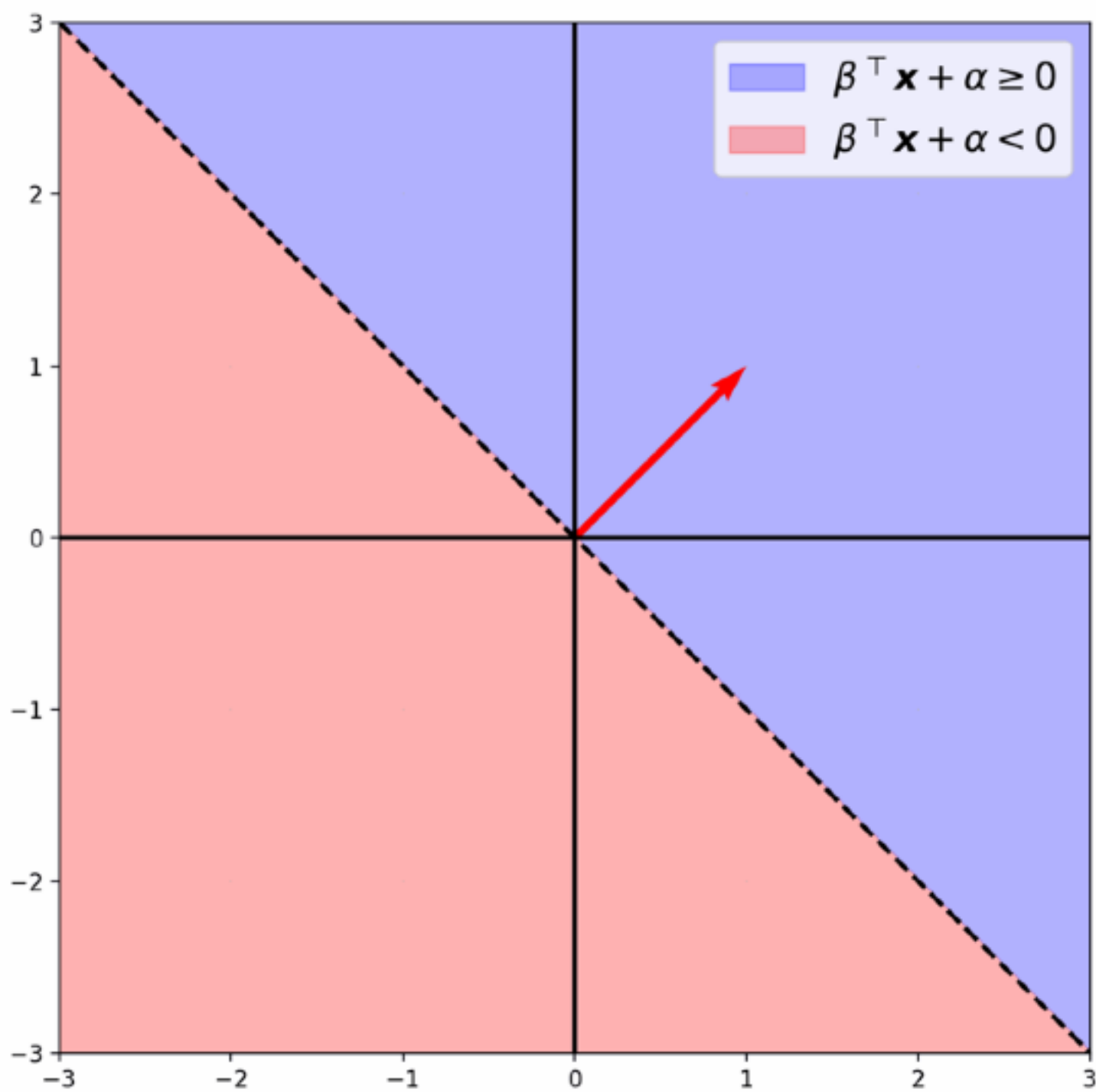
1

5

Comment change la fonction de prédiction $f: \mathbb{1}_{\{\alpha + \beta \tau_{\mathbf{x}} \geq 0\}}$ en fonction de α et β ?



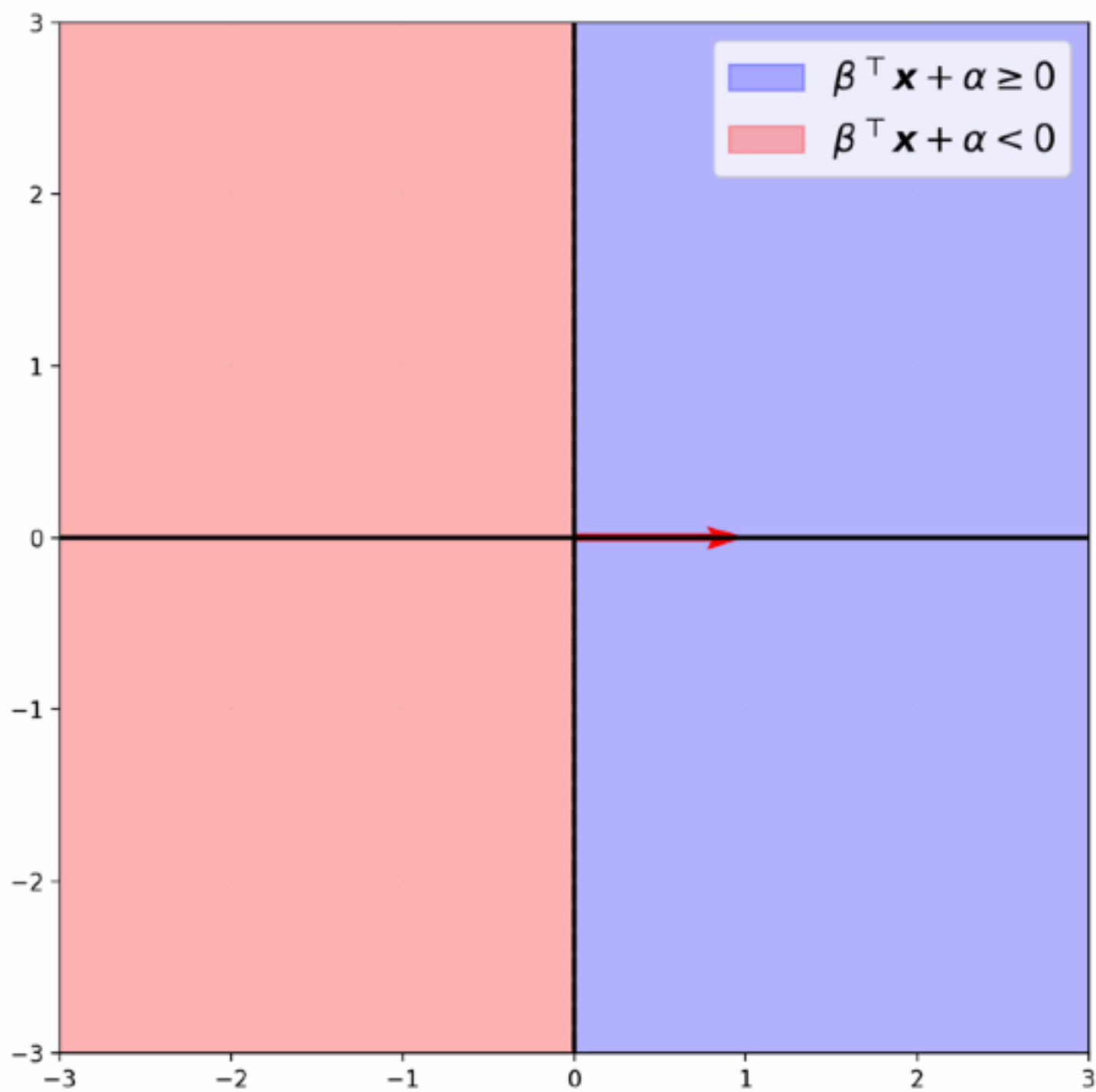
$\alpha = 0$, β *varies*:

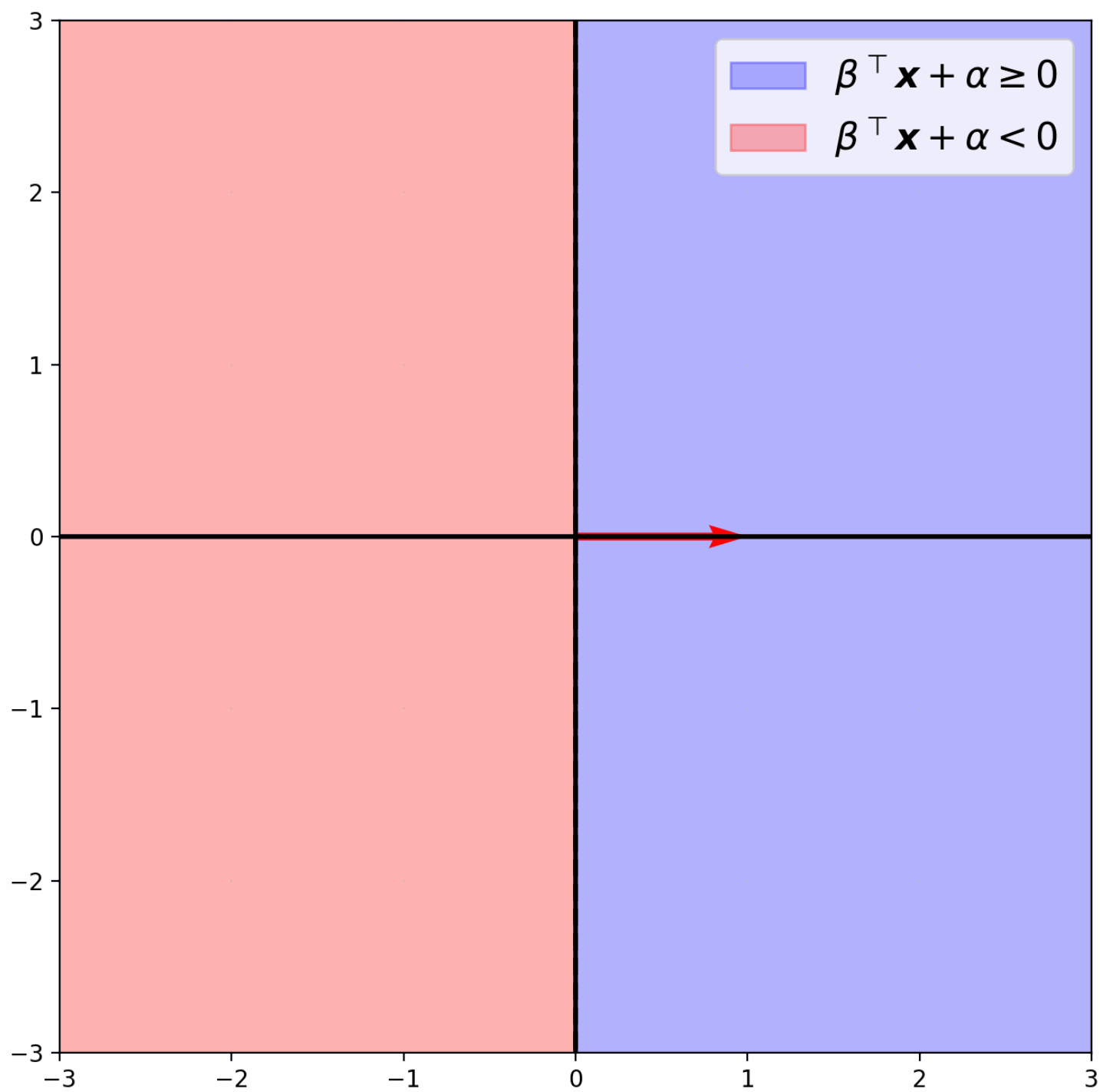


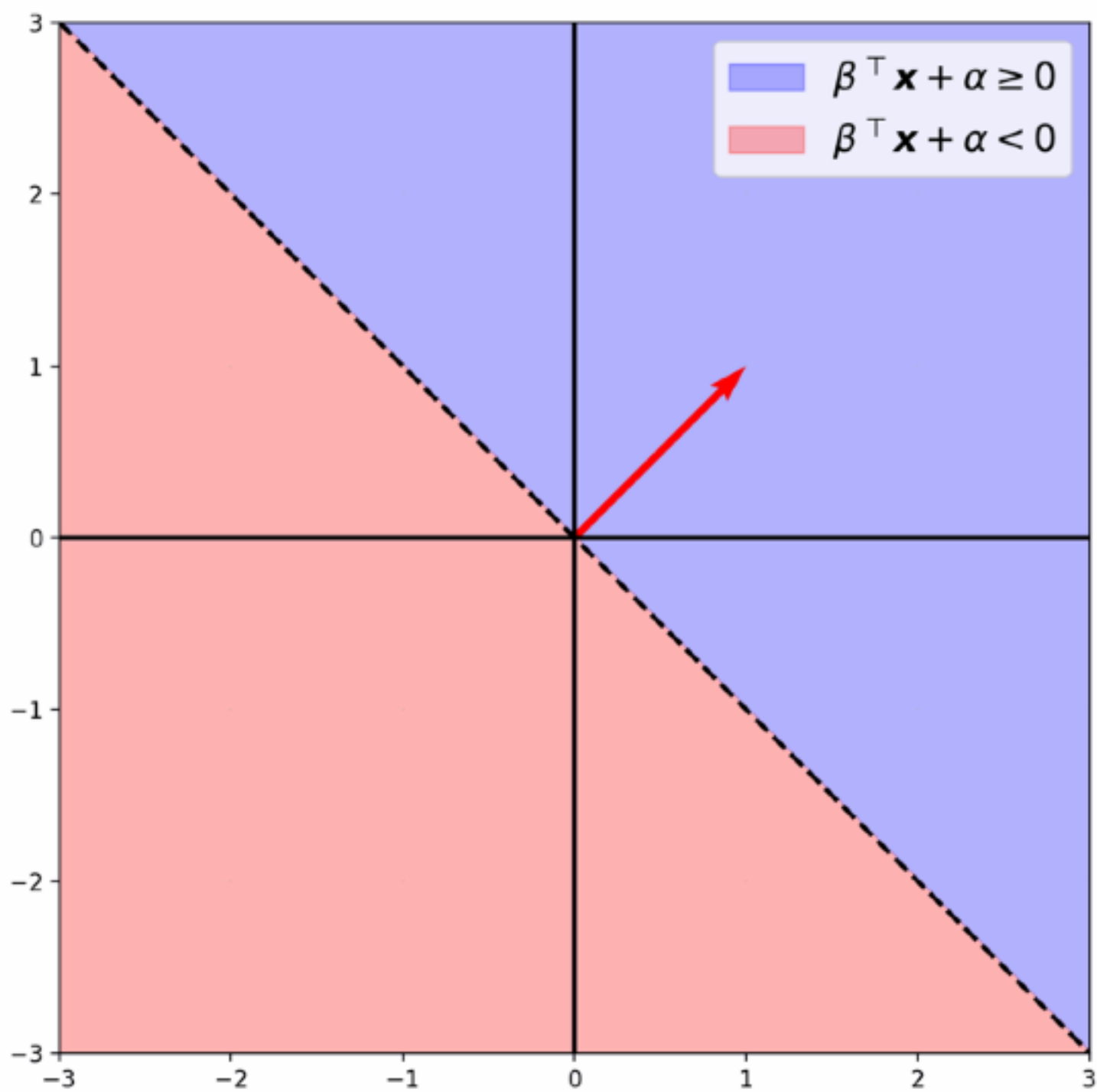
$$\alpha \text{ varie, } \beta \equiv [1, 1]:$$

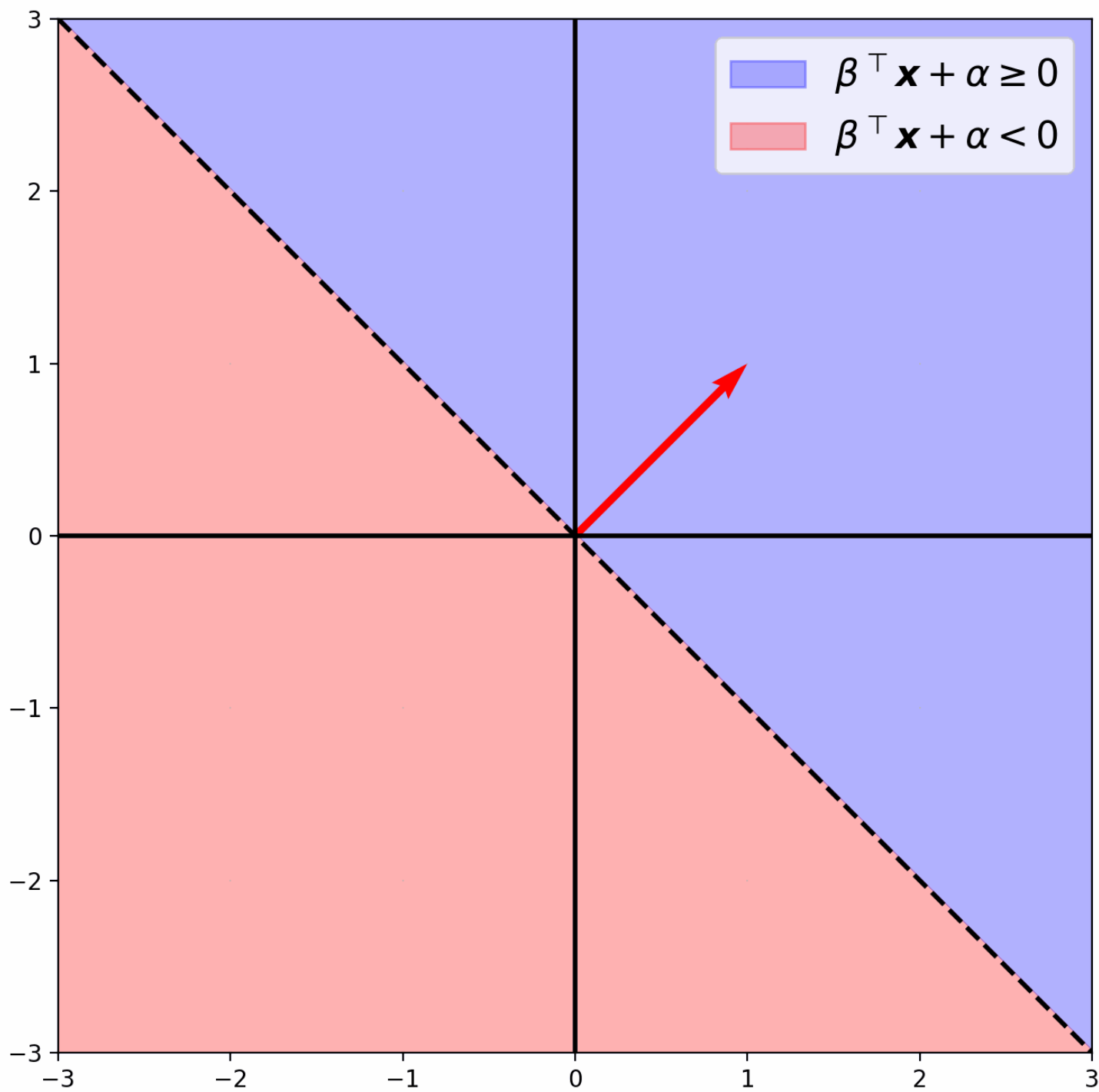
Machine learning classic: zero-to-hero

séparatément en 2

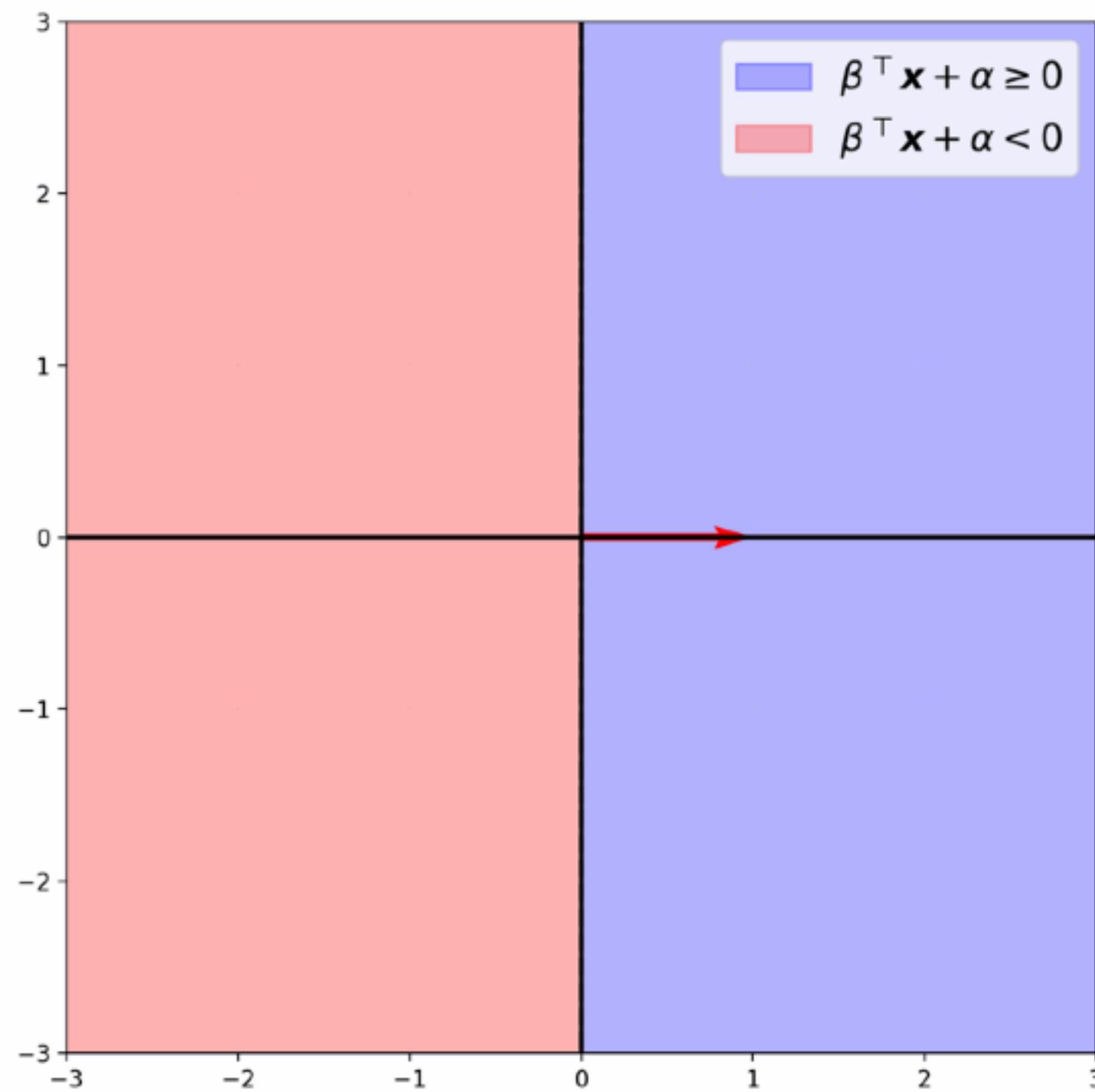




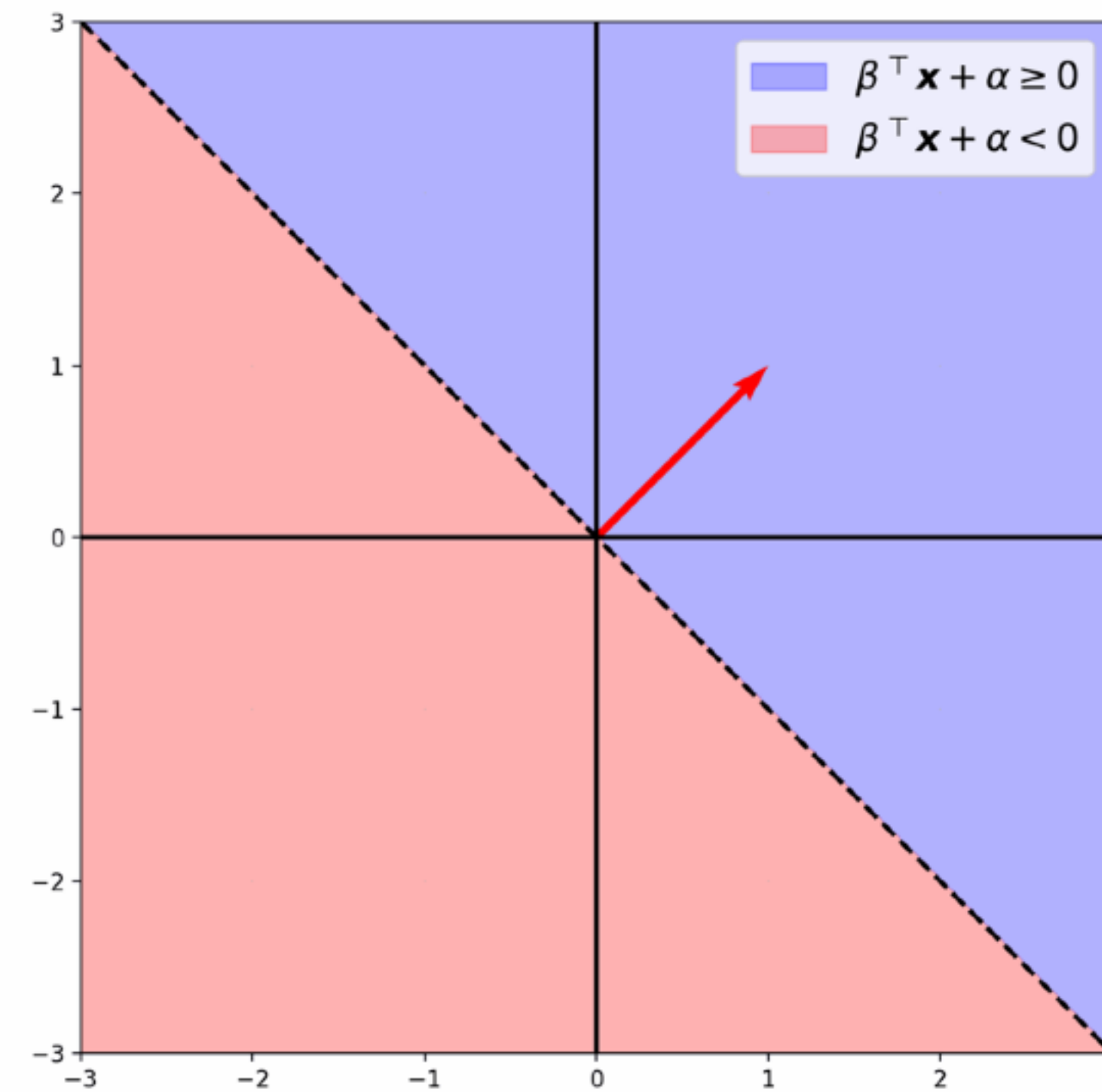




$\alpha = 0$, β varie:



α varie, $\beta = [1, 1]$:



Comment change la fonction de prédiction $f : \mathbb{1}_{\{\alpha + \beta^\top \mathbf{x} \geq 0\}}$ en fonction de α et β ?

$$\min_{\alpha \in \mathbb{R}, \beta \in \mathbb{R}^2} \sum_{i=1}^n (\mathbb{1}_{\{\alpha + \beta^\top \mathbf{x}_i \geq 0\}} - y_i)^2$$

