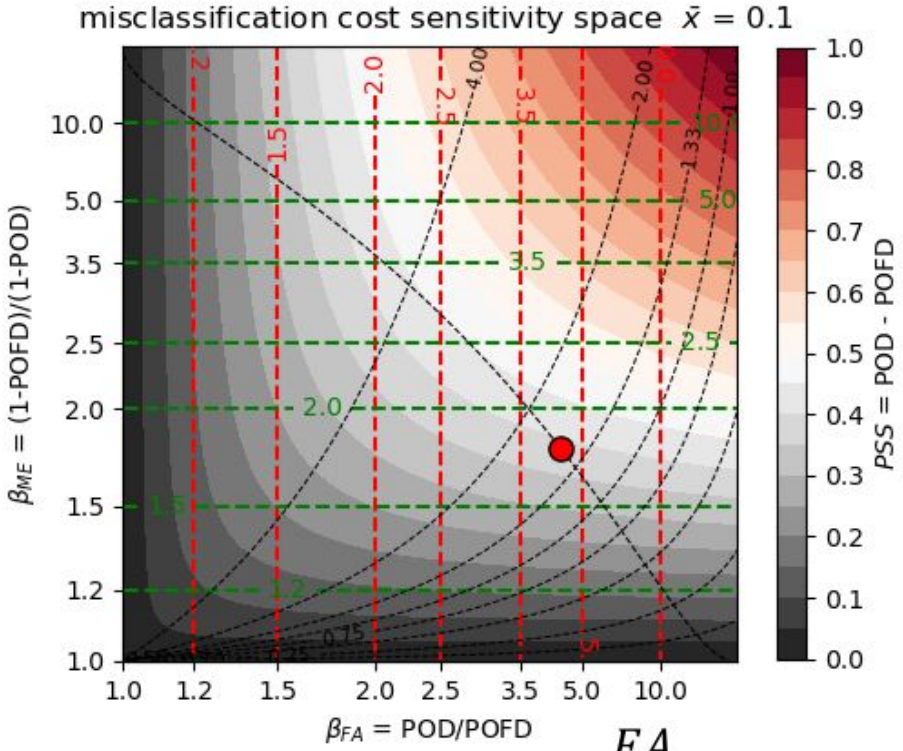
misclassification cost sensitivity space

$$\left[\frac{ME_{cost}}{FA_{cost}}\right]_{\alpha} / \left[\frac{ME_{cost}}{FA_{cost}}\right]_{\bar{x}}$$

missed event sensitivity



false alarm sensitivity

$$\left[\frac{FA_{cost}}{ME_{cost}}\right]_{\alpha} / \left[\frac{FA_{cost}}{ME_{cost}}\right]_{\bar{x}}$$