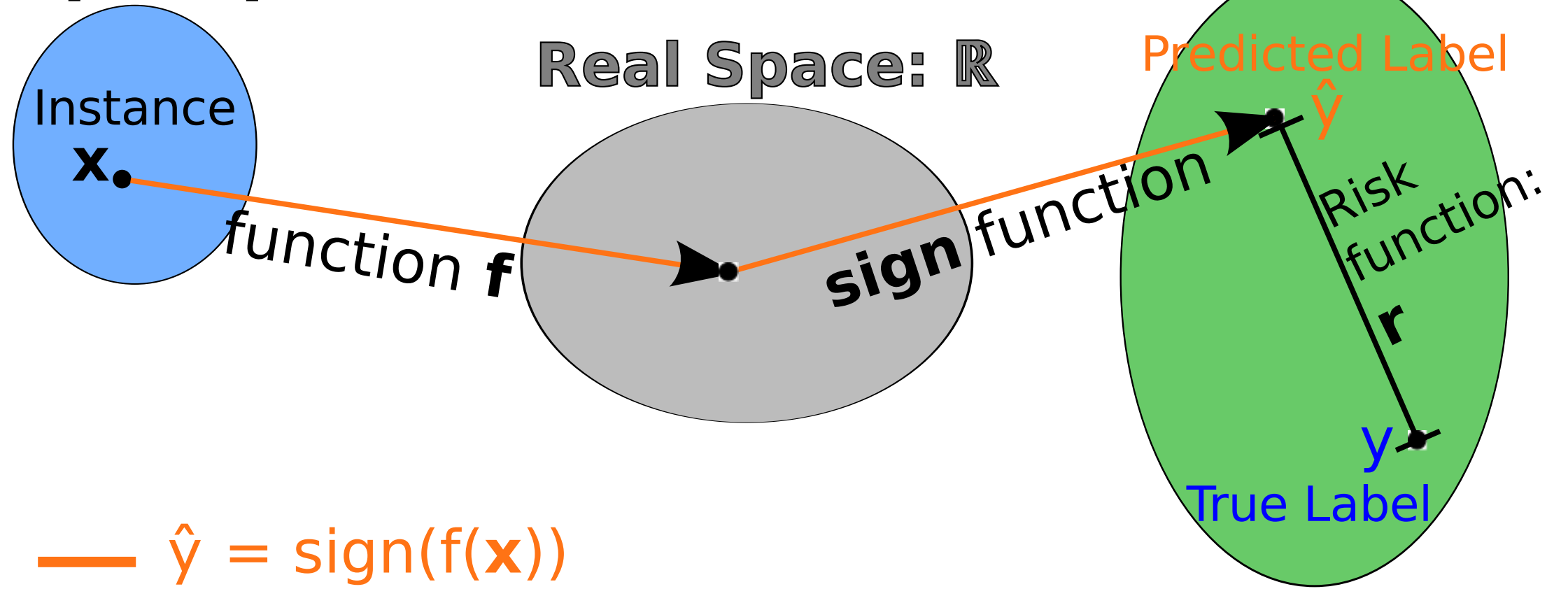


Input Space:  $X$

Output Space:  $Y$

Real Space:  $\mathbb{R}$



—  $\hat{y} = \text{sign}(f(\mathbf{x}))$

—  $r(y, \hat{y})$