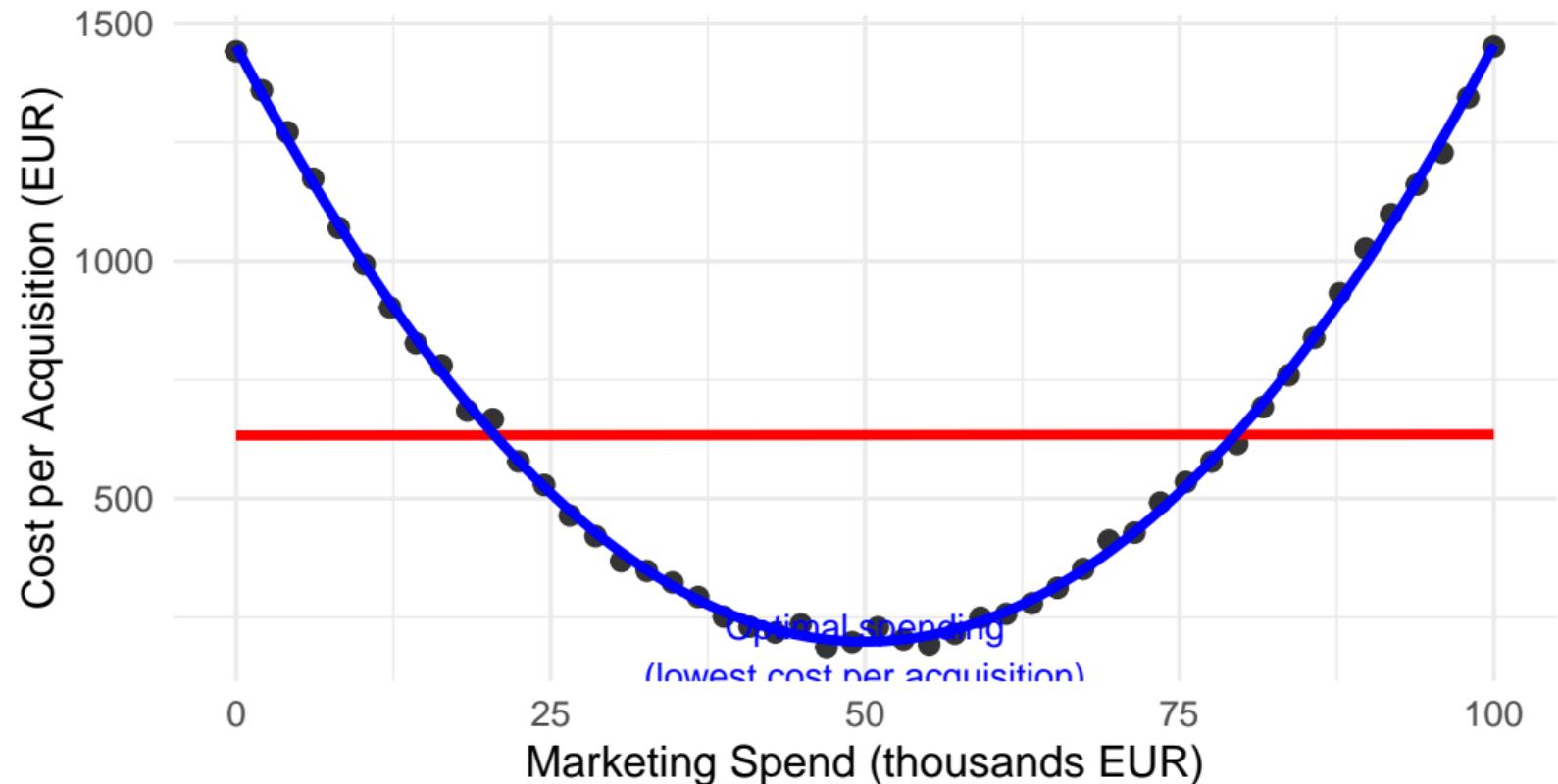


# Linear vs Quadratic Model Comparison

Red = Linear model ( $R^2 = 0.001$ ), Blue = Quadratic model ( $R^2 = 0.95+$ )



The quadratic model perfectly captures the optimal spending point