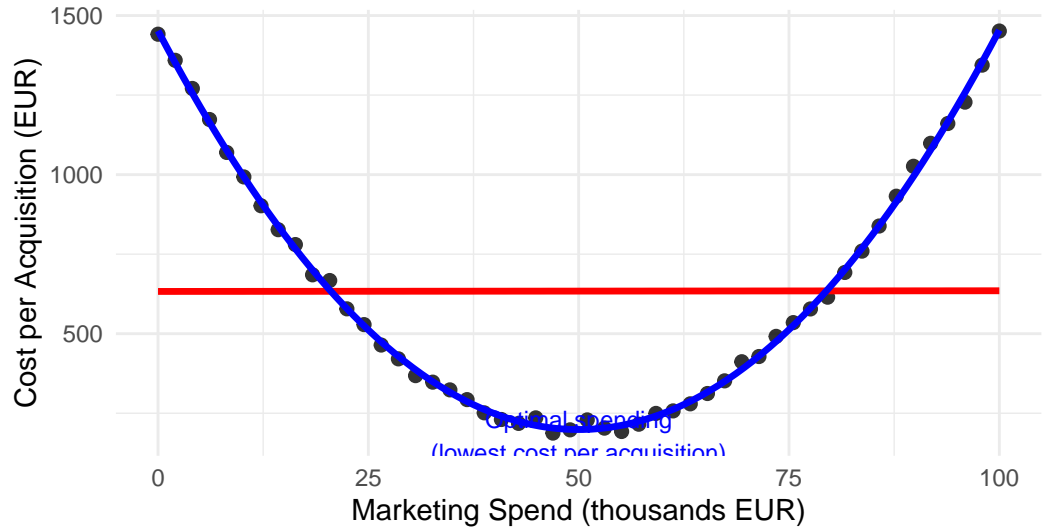


Linear vs Quadratic Model Comparison

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



The quadratic model perfectly captures the optimal spending point