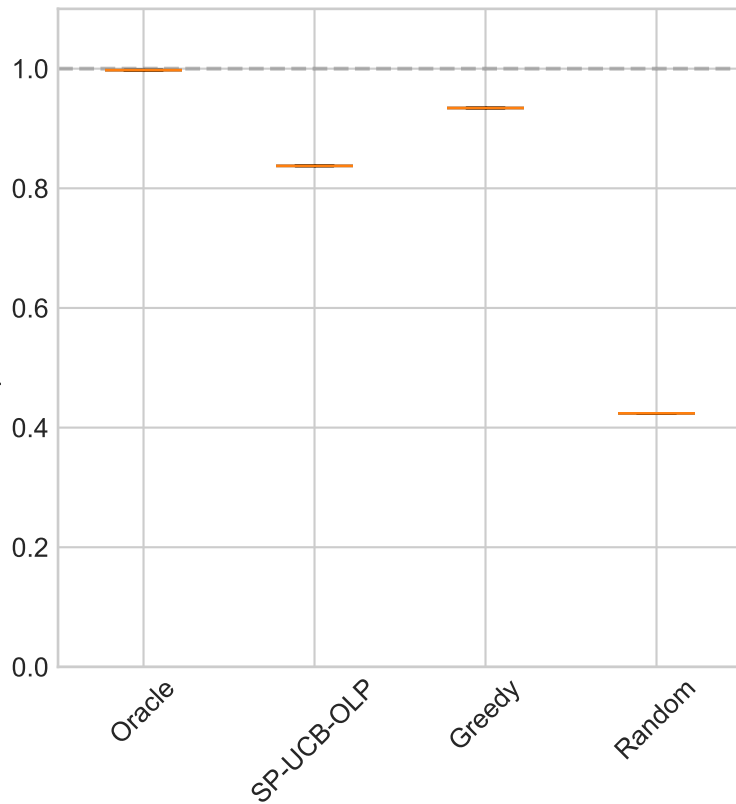Competitive Ratio by Algorithm and Budget (ρ)