Bruce Hao
DATA604
Assignment 10

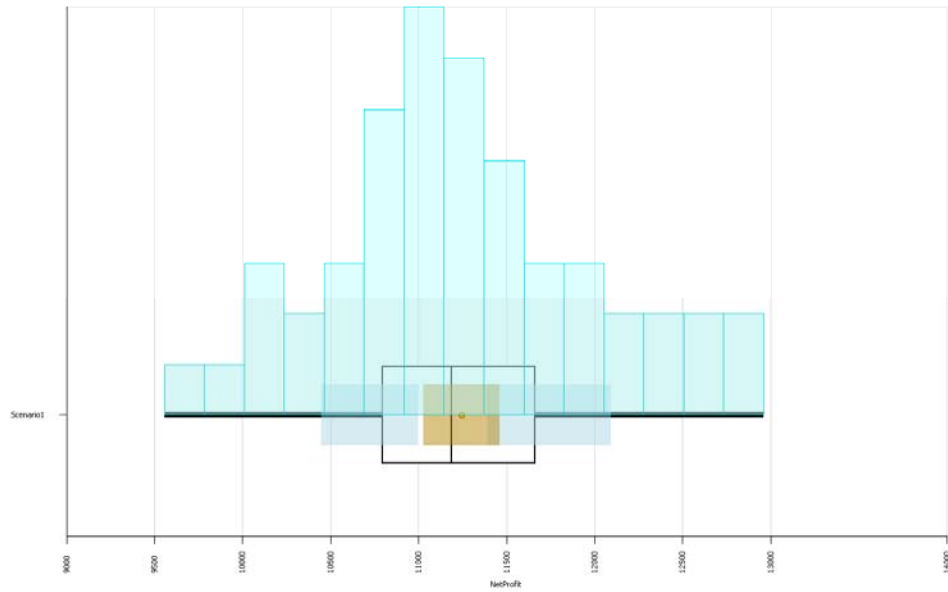**Problem 8.5**
Scenario A: Based on 50 replications, we see an average net profit of $11,246.

Scenario			Replications		Responses				
✓	Name	Status	Required	Completed	NumRegular	NumPremium	NumDiscounts	ServerCost	NetProfit
▶ ✓	Scenario1	Compl...	50	50 of 50	5399.04	1792.94	445.96	39600	11246.4

Scenario B (allow agents to handle all customer types): Based on 50 replications, we see an average net profit of $14,321.

Scenario			Replications		Responses				
✓	Name	Status	Required	Completed	NumRegular	NumPremium	NumDiscounts	ServerCost	NetProfit
▶ ✓	Scenario1	Compl...	50	50 of 50	5395.44	1793.62	239.44	39600	14320.9
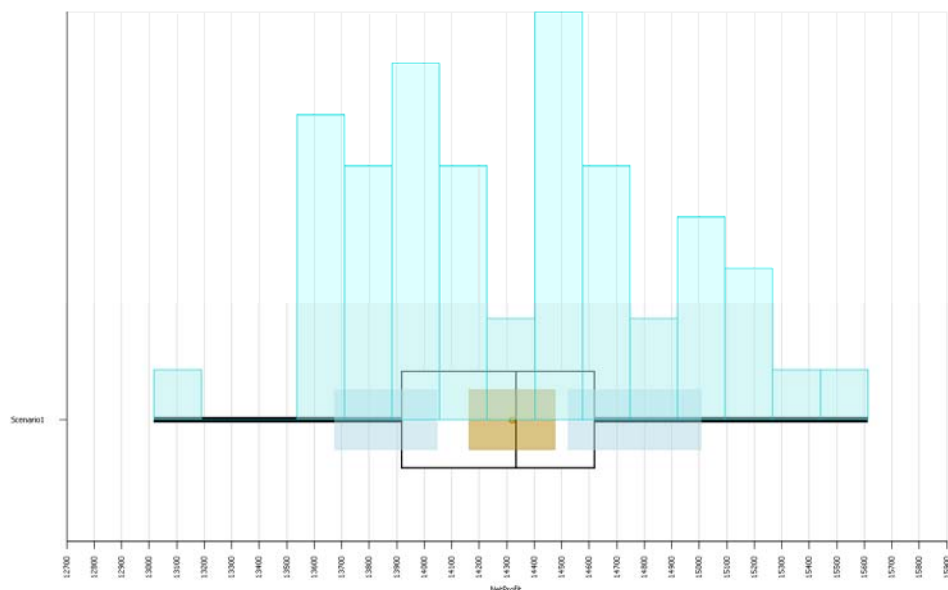
Scenario C (allow agents to handle all customer types, but prioritize premium customers): Based on 50 replications, we see an average net profit of $17,851.

Scenario			Replications		Responses				
☑	Name	Status	Required	Completed	NumRegular	NumPremium	NumDiscounts	ServerCost	NetProfit
▶ ☑	Scenario1	Compl...	50	50 of 50	5395.4	1793.66	4.1	39600	17851

Scenario1

NetProfit