Mean Cost USD Std Dev Cost

✓ Z 449.03 ≰ 897.23 ≰ 448.65 **∠** 446.3 🗹 548.55 ∠ NaN 🗸 NaN 🗸 NaN 🗸 9.8444 🗹 NaN 🗸 NaN 🗸 NaN 🗸 Nan 🗸 NaN 🗹 NaN 🗸

ACO BSO	0.4375	0.625	NaN	0.125	1
ALNS PSO	0.125	0.8125	0.125	NaN	1
ACO_CMAES	0.8125	1	1	1	NaN
Friedman Test					
Scenario			Friedm 		
{'Scenario_	2_Medium_C	Complexity'	} 0.		
Wilcoxon Si	gned-Rank	Test (p-va	lues)		
	GA_BOA	GA_PSO	ACO_BSO	ALNS_PSO	ACO_CMAES
GA BOA	NaN	0.875	0.625	0.625	0.875
GA PSO	0.875	NaN	0.625	1	0.875
ACO BSO			NaN	0.625	0.875
ALNS PSO				NaN	0.8125
ACO_CMAES					NaN
Friedman Test					
			Friedman_p_value		
{'Scenario_3_High_Complexity'}			0.49325		
Wilcoxon Si	gned-Rank	Test (p-va	lues)		
	GA_BOA	GA_PSO	ACO_BSO	ALNS_PSO	ACO_CMAES
GA_BOA	NaN	0.875	0.625	0.625	0.625
GA PSO	0.875	NaN	0.125	0.875	0.875
ACO BSO					0.625
		0.875	1	NaN	1
ACO CMAES					$NI \supset NI$

Statistical analysis complete and appended to CSV.

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Total Benchmark Execution Time: 515.19 minutes.

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Parallel pool using the 'LocalProfile1' profile is shutting down