

Contingency table

Experiment Condition	Real Successes	Failures	Total Attempts
Adaptive_CP-ATS_Budget_Pool	14	15	29
Adaptive_CP-ATS_Fixed_Cycle	16	9	25
Baseline_Single_Agent	20	13	33
Baseline_Static_Heterogeneous	23	9	32
Baseline_Static_Homogeneous	17	11	28
CP-ATS_Static	17	13	30
Total	107	70	177

Expected Values

Experiment Condition	Expected Successes	Expected Failures
Adaptive_CP-ATS_Budget_Pool	17.5310734463277	11.4689265536723
Adaptive_CP-ATS_Fixed_Cycle	15.1129943502825	9.88700564971751
Baseline_Single_Agent	19.9491525423729	13.0508474576271
Baseline_Static_Heterogeneous	19.3446327683616	12.6553672316384
Baseline_Static_Homogeneous	16.9265536723164	11.0734463276836
CP-ATS_Static	18.135593220339	11.864406779661
Qi test - P value	0.570112861899341	

Table 1

	0.711221689962881	1.08715315465755
	0.052059770843231	0.079577078288942
	0.000129602695735	0.000198106977767
	0.690719216959705	1.05581366020984
	0.000318692343086	0.000487144010146
	0.071107239030573	0.108692493946735
Sum of the values	1.52555621183521	2.33192163809098
X2 statistic	3.85747784992619	
Degree of freedom	(number of rows - 1) * (number of columns - 1)	5