Table 10. Performance by error category: Flow-based slicing proves more effective for identifying security-related issues, while function-level context plays a crucial role in understanding logic errors. Performance issues are the most difficult to detect, as they often remain subtle until they become significantly problematic.

	Category	KBI↑	FAR$_1$↓	CPI$_1$↑	FAR$_2$↓	CPI$_2$↑
Left Flow						
	Overall	20.00	75.37	22.07	43.52	29.54
	Security	**25.81**	73.92	**25.94**	**48.96**	**34.28**
	Logic	8.33	75.00	12.50	0.00	15.38
	Performance	0.00	100.00	0.00	–	–
Full Flow						
	Overall	20.00	77.96	20.97	67.59	24.73
	Security	**25.81**	**72.31**	**26.71**	67.71	**28.69**
	Logic	8.33	97.22	4.17	66.67	13.33
	Performance	0.00	50.00	0.00	–	–
Original Diff						
	Overall	11.11	90.11	10.46	71.00	16.07
	Security	16.13	88.87	13.17	71.00	20.73
	Logic	0.00	91.67	0.00	–	–
	Performance	0.00	100.00	0.00	–	–
Parent Function						
	Overall	11.11	89.48	10.81	65.33	16.83
	Security	3.23	91.94	4.61	50.00	6.06
	Logic	**33.33**	**81.39**	**23.89**	**69.17**	**32.03**
	Performance	0.00	100.00	0.00	–	–