Table 1 the number of faults detected for Flex

Version		F	Bottom-u	p		Top-down					
version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	17	22	27	28	32	16	21	24	28	31	
v2	19	23	27	28	32	18	23	26	28	31	
v3	10	15	17	18	20	12	15	17	18	19	
v4	19	23	28	29	33	18	23	26	29	32	
v5	18	22	27	28	32	17	22	25	28	31	

Table 2 the number of faults detected for *Grep(SIR)*

Version		I	Bottom-u	p		Top-down					
version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	32	37	39	39	39	35	37	38	39	39	
v2	17	18	18	18	18	17	18	18	18	18	
v3	15	15	15	15	15	15	15	15	15	15	
v4	19	19	19	19	19	19	19	19	19	19	
v5	40	46	53	54	54	39	50	53	54	54	

Table 3 the number of faults detected for Gzip

Manaian		I	Bottom-u	p		Top-down					
Version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	8	8	8	8	8	8	8	8	8	8	
v2	8	8	8	8	8	8	8	8	8	8	
v3	7	7	7	7	7	7	7	7	7	7	
v4	7	7	7	7	7	7	7	7	7	7	
v5	7	7	7	7	7	7	7	7	7	7	

Table 4 the number of faults detected for Make

Version		I	Bottom-u	p		Top-down					
Version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	3	4	4	4	4	2	3	4	4	4	
v2	3	3	3	3	3	2	3	3	3	3	
v3	2	3	3	3	4	3	3	3	4	4	
v4	2	3	3	3	3	3	3	3	3	3	
v5	3	4	4	4	4	3	3	4	4	4	

Table 5 the number of faults detected for Sed

Version		I	Bottom-uj	p		Top-down						
	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise		
v1	12	14	15	15	15	13	15	15	15	15		
v2	11	14	15	15	15	12	15	15	15	15		
v3	12	15	16	16	16	13	16	16	16	16		
v4	13	16	17	17	17	14	17	17	17	17		
v5	15	18	19	19	19	17	19	19	19	19		

Table 6 the number of faults detected for NanoXML

Version		F	Bottom-u	p		Top-down					
	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	4	4	4	4	4	4	4	4	4	4	
v2	2	2	2	2	2	2	2	2	2	2	
v3	5	5	6	6	6	5	5	6	6	6	
v5	2	3	3	3	3	3	3	3	3	3	

Table 7 the number of faults detected for Siena

Version		F	Bottom-u _j	p		Top-down					
Version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
v1	1	1	1	1	1	1	1	1	1	1	
v2	1	1	1	1	1	1	1	1	1	1	
v3	0	0	0	0	0	0	0	0	0	0	
v4	0	0	0	0	0	0	0	0	0	0	
v5	2	2	2	2	2	2	2	2	2	2	
V6	0	0	0	0	0	0	0	0	0	0	
V7	0	0	0	0	0	0	0	0	0	0	

Table 8 the number of faults detected for Findutils

Version		Е	Bottom-U	p		Top-Down					
version	2-wise	3-wise	4-wise	5-wise	6-wise	2-wise	3-wise	4-wise	5-wise	6-wise	
e6680237	1	1	1	1	1	0	1	1	1	1	
183115d0	0	0	0	0	0	0	0	0	1	1	
e1d0a991	1	1	1	1	1	1	1	1	1	1	
93623752	0	0	0	0	1	0	0	0	0	1	
b445af98	0	1	1	1	1	0	1	1	1	1	
c8491c11	0	0	0	0	0	0	0	0	1	1	
f7197f3a	0	0	0	0	0	0	0	0	1	1	
dbcb10e9	0	0	1	1	1	0	0	0	1	1	
66c536bb	1	1	1	1	1	1	1	1	1	1	
24bf33c0	1	1	1	1	1	1	1	1	1	1	
091557f6	1	1	1	1	1	1	1	1	1	1	
07b941b1	1	1	1	1	1	1	1	1	1	1	
24e2271e	0	0	0	1	1	0	0	0	0	0	
ff248a20	0	0	1	1	1	1	1	1	1	1	
6e4cecb6	1	1	1	1	1	1	1	1	1	1	

Table 9 the number of faults detected for Grep(CoRE)

Varaion		Е	ottom-U	p		Top-Down					
Version	2-way	3-way	4-way	5-way	6-way	2-way	3-way	4-way	5-way	6-way	
074842d3	0	0	0	0	0	0	0	0	0	0	
2be0c659	0	0	0	1	1	0	0	0	1	1	
3220317a	0	1	1	1	1	1	1	1	1	1	
3c3bdace	1	1	1	1	1	1	1	1	1	1	
54d55bba	1	1	1	1	1	1	1	1	1	1	
55cf7b6a	1	1	1	1	1	0	0	1	1	1	
58195fab	1	1	1	1	1	1	1	1	1	1	
5fa8c7c9	0	0	1	1	1	0	1	1	1	1	
6d952bee	0	0	1	1	1	0	1	1	1	1	
7aa698d3	0	0	1	1	1	0	1	1	1	1	
8f08d8e2	1	1	1	1	1	0	1	1	1	1	
9c45c193	0	1	1	1	1	1	1	1	1	1	
c1cb19fe	0	1	1	1	1	0	0	1	1	1	
c96b0f2c	0	0	1	1	1	0	1	1	1	1	
db9d6340	0	0	0	1	1	0	0	1	1	1	