Table 1 the coverage of 4, 5 and 6-strength interactions of the 3-wise sub-covering arrays

Subject	4-wise			5-wise			6-wise		
	Bottom-up	Top-down	Improve	Bottom-up	Top-down	Improve	Bottom-up	Top-down	Improve
Flex	90. 27%	92. 17%	1.90%	71. 43%	74. 79%	3. 36%	50. 16%	52.99%	2.83%
Grep(SIR)	93. 41%	93. 79%	0.38%	82.10%	82.83%	0.73%	68. 99%	69.79%	0. 79%
Gzip	98. 12%	98.66%	0.53%	94.04%	95. 62%	1.58%	88. 25%	91.14%	2.89%
make	83. 50%	87. 75%	4. 25%	54. 14%	59. 49%	5. 36%	30. 70%	34. 28%	3. 58%
Sed	97. 37%	97. 26%	-0.11%	92. 56%	92. 29%	-0.28%	86. 46%	86.02%	-0.44%
Findutils	73. 44%	76. 73%	3. 29%	39. 56%	42. 18%	2.62%	17. 40%	18.60%	1.20%
Grep(CoRE)	85. 24%	87. 88%	2.65%	56. 98%	60. 55%	3. 57%	31.80%	34. 32%	2. 52%
Nanoxml	88. 97%	89. 34%	0.37%	71.69%	71.51%	-0.18%	53. 47%	53. 13%	-0.35%
Siena	87. 00%	87.11%	0.11%	68.00%	67. 91%	-0.09%	49.50%	49.07%	-0.43%