

Test run:UOBM-01K_U on seq-head with Rev 1722

Test	I-I'	Rematerialisation	
		Time	Derivations
UOBM-01K_U-100tup-27012015	160	3482.0s	3,603,247,350
UOBM-01K_U-5000tup-27012015	85,243	3417.8s	3,603,143,677
UOBM-01K_U-17Mtup-27012015	130,872,183	3903.1s	3,406,553,679
UOBM-01K_U-34Mtup-27012015	268,984,073	4084.1s	3,202,167,545
UOBM-01K_U-51Mtup-27012015	422,839,182	4010.0s	2,981,284,539
UOBM-01K_U-68Mtup-27012015	581,406,105	3981.9s	2,754,681,423

Test	Time	Deleted Facts	DRed Algorithm			
			Forward Derivations			Backward Derivations
			Del propagation	Fwd Rederivation	Del + Rederiv	
UOBM-01K_U-100tup-27012015	8797.6s	1,801,950,511	2,597,246,268	2,597,245,802	5,194,492,070	53,156,986
UOBM-01K_U-5000tup-27012015	9539.3s	1,801,969,273	2,597,279,266	2,597,175,127	5,194,454,393	53,164,252
UOBM-01K_U-17Mtup-27012015	8934.3s	1,845,571,644	2,694,080,756	2,497,386,619	5,191,467,375	63,668,977
UOBM-01K_U-34Mtup-27012015	9492.5s	1,880,406,800	2,780,576,456	2,379,496,185	5,160,072,641	68,390,270
UOBM-01K_U-51Mtup-27012015	10659.3s	1,912,856,327	2,861,513,890	2,239,550,613	5,101,064,503	71,478,250
UOBM-01K_U-68Mtup-27012015	11351.6s	1,943,621,989	2,937,890,017	2,089,323,624	5,027,213,641	73,315,808

Test	Time	Checked Tuples	B/F Algorithm			
			Forward Derivations			Backward Derivations
			Del propagation	Saturate Deriv.	Del + Sat	
UOBM-01K_U-100tup-27012015	5.4s	776	466	1,256	1,722	464
UOBM-01K_U-5000tup-27012015	28.2s	105,946	104,139	42,074	146,213	17,865
UOBM-01K_U-17Mtup-27012015	988.8s	175,780,693	196,694,137	103,950,055	300,644,192	47,628,308
UOBM-01K_U-34Mtup-27012015	1877.2s	340,695,970	401,080,271	182,340,966	583,421,237	87,503,872
UOBM-01K_U-51Mtup-27012015	2772.7s	513,715,230	621,963,277	246,834,991	868,798,268	125,204,461
UOBM-01K_U-68Mtup-27012015	3737.3s	687,003,237	848,566,393	298,453,976	1,147,020,369	162,524,560