## A. Supplementary material

**Additional information about experiments.** We ran the total of 53 trainings and evaluations. All but two runs described below were run for  $20\,000$  steps, with evaluation every 5000 steps.

For datasets from {astar, bwaves, bzip, cactusadm, gems, leslie3d, omnetpp, sphinx3}, we ran 4 experiments on the first 0.1%, 1%, 10% and 100% records of the dataset.

For datasets from {lbm, libq, milc, xalanc} we ran only two experiments, on 1% and 100% of the dataset.

For the mcf dataset, we ran 11 experiments in total. The first five of them were runs on 0.01%, 0.1%, 1%, 10% and 100% of the dataset, without DAgger. For comparison, we ran additional six experiments with a larger number of steps and with DAgger. We achieved comparable cache hit rates, and therefore we did not evaluate learning-augmented algorithms on that additional data.

On average, each experiment took around one day on a Tesla V100 GPU, occupying at most 3GB of the GPU memory.

**Full results.** We present the full cache hit rates of PARROT-REUSE across all evaluated datasets and fractions in Table 3. The raw unnormalized competitive ratios are shown in Table 4.

Table 3. Cache hit rates of PARROT-CACHE. Detailed results.

Dataset	FRACTION	DAGGER	STEPS	EVAL FREQ	CACHE REQUESTS	CACHE REQUESTS IN TRAIN SET	HIT RATE CKPT 0 ON VAL	BEST NON Ø CHECKPOINT	HIT RATE CKPT BEST ON VAL	LAST CHECKPOINT	HIT RATE CKPT LAST ON VAL	HIT RATE CKPT BEST NON 0 ON TEST
ASTAR	0.1%	FALSE	20001	5000	640,032	1,154	8.25%	5000	13.32%	20000	11.83%	14.05%
ASTAR	1%	FALSE	20001	5000	640,032	11,540	8.25%	5000	25.09%	20000	24.55%	25.75%
ASTAR	10%	FALSE	20001	5000	640,032	115,404	8.25%	10000	30.26%	20000	30.05%	30.99%
ASTAR	100%	FALSE	20001	5000	640,032	1,154,048	8.25%	20000	31.53%	20000	31.53%	32.17%
BWAVES	0.1%	FALSE	20001	5000	640,032	570	0.02%	5000	0.03%	20000	0.02%	0.00%
BWAVES	1%	FALSE	20001	5000	640,032	5,703	0.02%	10000	1.93%	20000	1.62%	0.30%
BWAVES	10%	FALSE	20001	5000	640,032	57,036	0.02%	20000	0.03%	20000	0.03%	0.00%
BWAVES	100%	FALSE	20001	5000	640,032	570,368	0.02%	10000	3.21%	20000	1.21%	0.32%
BZIP BZIP BZIP BZIP	0.1% 1% 10% 100%	FALSE FALSE FALSE	20001 20001 20001 20001	5000 5000 5000 5000	640,032 640,032 640,032	167 1,676 16,768 167,680	52.05% 52.05% 52.05% 52.05%	20000 5000 5000 5000	48.02% 42.69% 57.09% 63.50%	20000 20000 20000 20000	48.02% 41.94% 52.84% 61.29%	53.23% 45.12% 64.28% 68.44%
CACTUSADM	0.1%	FALSE	20001	5000	640,032	221	0.32%	20000	4.81%	20000	4.81%	0.45%
CACTUSADM	1%	FALSE	20001	5000	640,032	2,219	0.32%	15000	8.43%	20000	8.42%	20.16%
CACTUSADM	10%	FALSE	20001	5000	640,032	22,195	0.32%	5000	25.88%	20000	24.17%	30.93%
CACTUSADM	100%	FALSE	20001	5000	640,032	221,952	0.32%	5000	25.30%	20000	24.98%	32.97%
GEMS	0.1%	FALSE	20001	5000	640,032	723	2.96%	15000	3.14%	20000	3.11%	3.09%
GEMS	1%	FALSE	20001	5000	640,032	7,234	2.96%	20000	3.12%	20000	3.12%	3.09%
GEMS	10%	FALSE	20001	5000	640,032	72,345	2.96%	20000	3.13%	20000	3.13%	3.08%
GEMS	100%	FALSE	20001	5000	640,032	723,456	2.96%	20000	1.77%	20000	1.77%	3.10%
LBM	1%	FALSE FALSE	20001	5000	640,032	7,820	0.02%	5000	0.19%	20000	0.13%	0.00%
LBM	100%		20001	5000	640,032	782,080	0.02%	5000	1.22%	20000	0.29%	0.00%
LESLIE3D	0.1%	FALSE	20001	5000	640,032	716	0.81%	15000	1.29%	20000	1.01%	9.10%
LESLIE3D	1%	FALSE	20001	5000	640,032	7,160	0.81%	5000	1.62%	20000	1.21%	9.31%
LESLIE3D	10%	FALSE	20001	5000	640,032	71,603	0.81%	5000	2.09%	20000	1.00%	11.73%
LESLIE3D LIBQ	100%	FALSE   FALSE	20001	5000	640,032	716,032 5,798	0.81%	5000	4.99% 0.00%	20000	4.89% 0.00%	0.00%
LIBQ	100%	FALSE	20001	5000	640,032	579,840	0.00%	10000	0.01%	20000	0.00%	0.01%
MCF MCF MCF MCF	0.01% 0.01% 0.1% 0.1%	FALSE TRUE FALSE TRUE	20001 20001 20001 20001	5000 5000 5000 5000	640,032 640,032 640,032	296 296 2,965 2,965	2.61% 2.61% 2.61% 2.61%	5000 5000 15000 10000	15.79% 15.79% 22.19% 21.64%	20000 20000 20000 20000	11.02% 11.02% 22.16% 21.40%	15.27% 15.28% 27.33% 27.02%
MCF MCF MCF MCF	1% 1% 10% 100%	FALSE TRUE FALSE FALSE	20001 20001 20001 20001	5000 5000 5000 5000	640,032 640,032 640,032	29,655 29,655 296,550 2,965,504	2.61% 2.61% 2.61% 2.61%	5000 5000 5000 20000	40.00% 40.35% 42.09% 43.05%	20000 20000 20000 20000	39.44% 39.93% 41.49% 43.05%	41.31% 41.42% 43.45% 43.89%
MCF	100%	TRUE	20001	5000	640,032	2,965,504	2.61%	15000	42.65%	20000	42.49%	43.46%
MCF	100%	FALSE	120001	30000	3,840,032	2,965,504	2.61%	30000	43.10%	120000	43.10%	43.89%
MCF	100%	TRUE	120001	30000	3,840,032	2,965,504	2.61%	30000	42.60%	120000	42.60%	43.11%
MILC MILC	1% 100%	FALSE FALSE	20001 20001	5000 5000	640,032 640,032	5,568 556,800	$0.22\% \\ 0.22\%$	10000 5000	0.23% 0.34%	20000 20000	0.23% 0.23%	$0.01\% \\ 0.01\%$
OMNETPP	0.1%	FALSE	20001	5000	640,032	555	8.24%	5000	16.92%	20000	16.60%	17.90%
OMNETPP	1%	FALSE	20001	5000	640,032	5,555	8.24%	10000	13.85%	20000	13.62%	16.85%
OMNETPP	10%	FALSE	20001	5000	640,032	55,552	8.24%	5000	18.60%	20000	14.83%	19.28%
OMNETPP	100%	FALSE	20001	5000	640,032	555,520	8.24%	5000	22.23%	20000	15.46%	21.91%
SPHINX3	0.1%	FALSE	20001	5000	640,032	328	36.60%	20000	36.33%	20000	36.33%	53.78%
SPHINX3	1%	FALSE	20001	5000	640,032	3,287	36.60%	5000	43.84%	20000	42.71%	59.48%
SPHINX3	10%	FALSE	20001	5000	640,032	32,870	36.60%	5000	45.68%	20000	45.49%	66.55%
XALANC XALANC	100% 1% 100%	FALSE FALSE	20001 20001 20001	5000 5000 5000	640,032 640,032 640,032	328,704 691 69,120	36.60% 14.73% 14.73%	20000 15000 5000	55.18% 15.02% 27.01%	20000 20000 20000	55.18% 14.46% 26.42%	70.54% 32.38% 49.71%

Table 4. Competitive ratios. Detailed results.

ASTAR	DATASET	Fraction	OPT	LRU	MARKER	Random	PARROT-REUSE	PREDICTIVEMARKER	LMARKER	LNONMARKERR	LNONMARKERD	BLINDORACLER	BLINDORACLED	PARROT-CACHE	TRUST&DOUBT	ROBUSTFTPR	ROBUSTFTPD
ASTAR 10% 1.00 1.53 1.52 1.47 1.16 1.50 1.50 1.50 1.49 1.19 1.22 1.17 1.19 1.47 1.24 1.19 ASTAR 100% 1.00 1.53 1.52 1.47 1.15 1.50 1.50 1.50 1.50 1.49 1.19 1.14 1.08 1.45 1.14 1.11 ASTAR 100% 1.00 1.05 1.05 1.05 1.05 1.05 1.05 1.05			1.00	1.53	1.52	1.47	1.26	1.51	1.51	1.51	1.51	1.32	1.27	1.37	1.53	1.42	1.38
BWAYES			1					1.50	1.50								
BWAYES   0.1%   1.00   1.05			1														
BWAYES 10% 1.00 1.05 1.05 1.05 1.05 1.05 1.05 1.05	ASTAR	100%	1.00	1.53	1.52	1.46	1.14	1.50	1.50	1.50	1.49	1.19	1.14	1.08	1.45	1.14	1.09
BWAYES   100%   1.00   1.05			1														
BWAVES   100%   1.00   1.05																	
BZIP																	
BZIP   10%   1.00   1.88   1.96   2.22   2.92   1.98   1.97   1.98   1.98   2.26   1.92   2.85   2.03   2.32   2.00     BZIP   100%   1.00   1.88   1.94   2.26   2.19   1.94   1.94   1.98   1.96   2.06   1.92   1.64   1.69   1.78   1.66     CACTUSADM   0.1%   1.00   1.51   1.49   1.44   1.46   1.47   1.47   1.48   1.47   1.48   1.37   1.20   1.46   1.41   1.50     CACTUSADM   10%   1.00   1.51   1.49   1.44   1.46   1.47   1.47   1.48   1.47   1.42   1.37   1.20   1.46   1.41   1.50     CACTUSADM   10%   1.00   1.51   1.49   1.44   1.36   1.46   1.46   1.47   1.47   1.48   1.37   1.20   1.46   1.40   1.41     CACTUSADM   10%   1.00   1.51   1.49   1.44   1.18   1.45   1.45   1.47   1.45   1.33   1.20   1.04   1.40   1.21   1.05     CACTUSADM   100%   1.00   1.51   1.49   1.44   1.18   1.45   1.45   1.47   1.45   1.33   1.20   1.04   1.40   1.21   1.05     CACTUSADM   100%   1.00   1.51   1.49   1.44   1.18   1.44   1.44   1.46   1.45   1.31   1.19   1.01   1.40   1.15   1.02     GEMS   0.1%   1.00   1.11   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10     GEMS   19%   1.00   1.11   1.09   1.10   1.13   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09     GEMS   10%   1.00   1.11   1.09   1.13   1.08   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09     LBM   19%   1.00   1.31   3.33   3.33   1.32   1.33   1.33   1.33   1.33   1.33   1.33   1.33   1.33     LESLIE3D   10%   1.00   1.31   1.31   1.31   1.39   1.32   1.32   1.32   1.32   1.32   1.32   1.31   1.31     LESLIE3D   19%   1.00   1.31   1.31   1.31   1.39   1.31   1.																	
BZIP   10%   1.00   1.88   1.93   2.26   2.39   1.93   1.94   1.98   1.95   2.12   1.92   1.86   1.81   1.90   1.84			1														
CACTUSADM  O.1%  1.00  1.51  1.49  1.44  1.46  1.47  1.47  1.48  1.47  1.48  1.47  1.48  1.47  1.50  1.51  1.49  1.43  1.43  1.44  1.46  1.47  1.47  1.48  1.47  1.48  1.47  1.50  1.51  1.49  1.40  1.43  1.41  1.41  1.41  1.41  1.41  1.41  1.42  1.47  1.42  1.47  1.42  1.47  1.42  1.47  1.42  1.47  1.42  1.47  1.42  1.47  1.48  1.47  1.48  1.47  1.40  1.40  1.40  1.40  1.41  1.10  1.00  1.51  1.49  1.44  1.18  1.44  1.18  1.44  1.44  1.45  1.41  1.40  1.40  1.10  1			1														
CACTUSADM   1%   1.00   1.51   1.49   1.44   1.36   1.46   1.46   1.47   1.47   1.42   1.37   1.20   1.46   1.34   1.22   CACTUSADM   10%   1.00   1.51   1.49   1.44   1.19   1.45   1.45   1.47   1.45   1.33   1.20   1.04   1.40   1.21   1.05   1.05   1.05   1.05   1.05   1.49   1.44   1.18   1.44   1.46   1.45   1.45   1.31   1.19   1.01   1.40   1.15   1.02   1.05	BZIP	100%	1.00	1.88	1.94	2.26	2.19	1.94	1.94	1.98	1.96	2.06	1.92	1.64	1.69	1.78	1.66
CACTUSADM   10%   1.00   1.51   1.49   1.44   1.19   1.45   1.45   1.47   1.45   1.33   1.20   1.04   1.40   1.21   1.05	CACTUSADM	0.1%	1.00	1.51	1.49	1.44	1.46	1.47	1.47	1.48	1.47	1.48	1.47	1.50	1.51	1.49	1.50
CACTUSADM   100%   1.00   1.51   1.49   1.44   1.18   1.44   1.46   1.45   1.31   1.19   1.01   1.40   1.15   1.02			1														
GEMS   1.00   1.01   1.00   1.11   1.09   1.09   1.13   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   GEMS   106   1.00   1.11   1.09   1.09   1.13   1.09   1.09   1.09   1.09   1.01   1.11   1.10   1.10   1.10   1.09   GEMS   106   1.00   1.11   1.09   1.09   1.13   1.08   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   GEMS   100%   1.00   1.11   1.09   1.01   1.13   1.09   1.09   1.09   1.09   1.01   1.11   1.10   1.10   1.10   1.09   GEMS   100%   1.00   1.11   1.09   1.10   1.13   1.09   1.09   1.09   1.09   1.01   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.01   1.11   1.10   1.10   1.00   1			1														
GEMS   1%   1.00   1.11   1.09   1.10   1.13   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   GEMS   100%   1.00   1.11   1.09   1.09   1.13   1.08   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.00   1.00   1.00   1.00   1.00   1.00   1.33   1.																	
GEMS   10%   1.00   1.11   1.09   1.09   1.13   1.08   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.00   1																	
CEMS   100%   1.00   1.11   1.09   1.10   1.13   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.00   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.09   1.11   1.11   1.10   1.10   1.10   1.00   1.00   1.03   1.33			1														
Leslie3D			1														
Leslie3d   100%   1.00   1.33   1.33   1.30   1.32   1.33   1.3	I.RM	1%	1.00	1.33	1.33	1.30	1.32	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
LESLIE3D   1%   1.00   1.31   1.31   1.31   1.39   1.31   1.31   1.31   1.31   1.34   1.32   1.31   1.32   1.28   1.30   1.29   1.28   1.30   1.29   1.28   1.30   1.29   1.28   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.31   1.33   1.32   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.30   1.29   1.30			1														
LESLIE3D   1%   1.00   1.31   1.31   1.31   1.39   1.31   1.31   1.31   1.31   1.34   1.32   1.31   1.32   1.28   1.30   1.29   1.28   1.30   1.29   1.28   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.28   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.29   1.30   1.30   1.30   1.29   1.30	LESLIE3D	0.1%	1.00	1.31	1.31	1.31	1.39	1.32	1.32	1.32	1.32	1.34	1.32	1.32	1.32	1.31	1.31
Leslie3d   100%   1.00   1.31   1.31   1.31   1.38   1.31   1.31   1.31   1.31   1.31   1.33   1.32   1.28   1.30   1.30   1.29																	
LIBQ   1%   1.00   1.06   1.06   1.06   1.00   1.06   1.			1														
LIBQ   100%   1.00   1.06   1.06   1.06   1.00   1.06   1.06   1.06   1.06   1.06   1.03   1.01   1.06	LESLIE3D	100%	1.00	1.31	1.31	1.31	1.38	1.31	1.31	1.31	1.31	1.33	1.32	1.28	1.30	1.30	1.29
MCF         0.01%         1.00         1.32         1.36         1.43         1.72         1.34         1.34         1.35         1.35         1.37         1.32         1.53         1.50         1.36         1.34           MCF         0.1%         1.00         1.32         1.35         1.43         1.58         1.31         1.32         1.37         1.32         1.31         1.26         1.29         1.28           MCF         1%         1.00         1.32         1.35         1.43         1.29         1.26         1.26         1.28         1.26         1.27         1.26         1.06         1.21         1.08         1.06           MCF         10%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.27         1.24         1.21         1.20         1.02         1.05         1.02           MCF         100%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.27         1.24         1.21         1.20         1.02         1.03         1.05           MCF         100%         1.00         1.01         1.01         1.01         1.01			1														
MCF         0.1%         1.00         1.32         1.35         1.43         1.58         1.31         1.32         1.33         1.32         1.37         1.32         1.31         1.26         1.29         1.28           MCF         1%         1.00         1.32         1.35         1.43         1.29         1.26         1.28         1.26         1.27         1.26         1.06         1.21         1.08         1.06           MCF         10%         1.00         1.32         1.36         1.43         1.22         1.25         1.27         1.24         1.21         1.20         1.02         1.05         1.02           MCF         100%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.26         1.25         1.20         1.02         1.02         1.05         1.02           MILC         1%         1.00         1.01         1.01         1.00         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01         1.01 <t< td=""><td>LIBQ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	LIBQ																
MCF         1%         1.00         1.32         1.35         1.43         1.29         1.26         1.26         1.28         1.26         1.27         1.26         1.06         1.21         1.08         1.06           MCF         10%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.27         1.24         1.21         1.20         1.02         1.05         1.02           MCF         100%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.25         1.25         1.26         1.25         1.22         1.20         1.01         1.01         1.01           MILC         1%         1.00         1.01         1.01         1.00         1.01			1														
MCF         10%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.27         1.24         1.21         1.20         1.02         1.05         1.02           MCF         100%         1.00         1.32         1.36         1.43         1.22         1.25         1.25         1.26         1.25         1.22         1.20         1.01         1.01         1.01           MILC         1%         1.00         1.01         1.01         1.00         1.01			1														
MCF         100%         1.00         1.32         1.36         1.43         1.22         1.25         1.26         1.25         1.22         1.20         1.01																	
MILC         100%         1.00         1.01         1.01         1.00         1.01         1.02         1.44         1.39         1.44 <th< td=""><td>MCF</td><td></td><td>1.00</td><td>1.32</td><td>1.36</td><td>1.43</td><td>1.22</td><td>1.25</td><td>1.25</td><td>1.26</td><td>1.25</td><td>1.22</td><td>1.20</td><td>1.01</td><td>1.20</td><td>1.03</td><td>1.01</td></th<>	MCF		1.00	1.32	1.36	1.43	1.22	1.25	1.25	1.26	1.25	1.22	1.20	1.01	1.20	1.03	1.01
OMNETPP         0.1%         1.00         1.38         1.39         1.43         1.56         1.38         1.39         1.39         1.44         1.39         1.43         1.39           OMNETPP         1%         1.00         1.38         1.39         1.43         1.56         1.38         1.39         1.39         1.44         1.39         1.44         1.42         1.41         1.40           OMNETPP         10%         1.00         1.38         1.39         1.43         1.55         1.38         1.39         1.38         1.45         1.39         1.40 <td< td=""><td>MILC</td><td>1%</td><td>1.00</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.00</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td><td>1.01</td></td<>	MILC	1%	1.00	1.01	1.01	1.01	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
OMNETPP OMNETPP         1%         1.00         1.38         1.39         1.43         1.56         1.38         1.38         1.39         1.44         1.39         1.44         1.42         1.41         1.40           OMNETPP OMNETPP         10%         1.00         1.38         1.39         1.43         1.55         1.38         1.39         1.38         1.45         1.39         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.39         1.38         1.39         1.38         1.39         1.38         1.39         1.38         1.44         1.39         1.40         1.40         1.40         1.40         1.39         1.38         1.39         1.38         1.39         1.38         1.39         1.38         1.45         1.39         1.44         1.40         1.40         1.40         1.39         1.36         1.37         1.37         1.35           SPHINX3         0.1%         1.00         3.46         2.29         1.87         1.43         1.56         1.59         1.93         1.68         1.69         1.44         1.83         2.09         2.00         1.86         SPHINX3         1.61         1.00         3.	MILC	100%	1.00	1.01	1.01	1.01	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
OMNETPP OMNETPP         10% 1.00         1.38         1.39         1.43         1.55         1.38         1.38         1.39         1.38         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.40         1.39           SPHINX3         0.1% 1.00         3.46         2.29         1.87         1.43         1.56         1.59         1.93         1.68         1.69         1.44         1.83         2.09         2.00         1.86           SPHINX3         1% 1.00         3.46         2.30         1.88         1.40         1.84         1.92         1.98         1.85         1.62         1.41         1.60         1.87         1.82         1.62           SPHINX3         10% 1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.69         1.33           SPHINX3         10% 1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.9         1.16	OMNETPP	0.1%	1.00	1.38	1.39	1.43	1.56	1.38	1.38	1.39	1.39	1.44	1.39	1.43	1.39	1.40	1.39
OMNETPP         100%         1.00         1.38         1.39         1.43         1.53         1.38         1.39         1.38         1.49         1.38         1.39         1.38         1.43         1.53         1.38         1.39         1.38         1.46         1.39         1.36         1.37         1.37         1.35           SPHINX3         0.1%         1.00         3.46         2.29         1.87         1.43         1.56         1.59         1.93         1.68         1.69         1.44         1.83         2.09         2.00         1.86           SPHINX3         1%         1.00         3.46         2.30         1.88         1.40         1.84         1.92         1.98         1.85         1.62         1.41         1.60         1.87         1.82         1.62           SPHINX3         10%         1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.99         1.31         1.32         1.63         1.99         1.36         1.59         1.31         1.61         1.63         1.29         1.16         1.47         1.46         1.17			1														
SPHINX3         0.1%         1.00         3.46         2.29         1.87         1.43         1.56         1.59         1.93         1.68         1.69         1.44         1.83         2.09         2.00         1.86           SPHINX3         1%         1.00         3.46         2.30         1.88         1.40         1.84         1.92         1.98         1.85         1.62         1.41         1.60         1.87         1.82         1.62           SPHINX3         10%         1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.69           SPHINX3         100%         1.00         3.46         2.30         1.88         1.28         1.52         1.56         1.87         1.61         1.63         1.29         1.16         1.47         1.46         1.17           XALANC         1%         1.00         1.27         1.32         1.48         1.87         1.34         1.34         1.33         1.61         1.30         1.56         1.37         1.42         1.34																	
SPHINX3         1%         1.00         3.46         2.30         1.88         1.40         1.84         1.92         1.98         1.85         1.62         1.41         1.60         1.87         1.82         1.62           SPHINX3         10%         1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.69         1.33           SPHINX3         100%         1.00         3.46         2.3         1.88         1.28         1.52         1.56         1.87         1.61         1.63         1.29         1.16         1.47         1.46         1.17           XALANC         1%         1.00         1.27         1.32         1.48         1.87         1.34         1.34         1.34         1.33         1.61         1.30         1.56         1.37         1.42         1.34																	
SPHINX3         10%         1.00         3.46         2.30         1.87         1.36         1.58         1.65         1.89         1.66         1.59         1.37         1.32         1.63         1.69         1.33           SPHINX3         100%         1.00         3.46         2.3         1.88         1.28         1.52         1.56         1.87         1.61         1.63         1.29         1.16         1.47         1.46         1.17           XALANC         1%         1.00         1.27         1.32         1.48         1.87         1.34         1.34         1.33         1.61         1.30         1.56         1.37         1.42         1.34			1														
SPHINX3         100%         1.00         3.46         2.3         1.88         1.28         1.52         1.56         1.87         1.61         1.63         1.29         1.16         1.47         1.46         1.17           XALANC         1%         1.00         1.27         1.32         1.48         1.87         1.34         1.34         1.33         1.61         1.30         1.56         1.37         1.42         1.34			1														
XALANC 1%   1.00   1.27   1.32   1.48   1.87   1.34   1.34   1.34   1.33   1.61   1.30   1.56   1.37   1.42   1.34			1														
		1%	1.00														
			1														