	Name		Distribution			l l	Distribution		Distribution	
checks	MP+po_p_amoswap_pl-coi+addr check1	0/0 0/500K			0/0	0/500K		0/0 0/26.50M		
checks	check2 check3 check4	0/500K 0/6M 0/6M			0/0 0/0 0/0	0/500K	- -	0/26.50M 0/33.50M 0/33.50M		
checks	check5 check6	0/6M 0/5.50M			0/0	0/500K	<u>.</u> S	0/33.50M 0/33.50M 0/33.50M	-	
data	LB+pos MP+dmb+po	0/5M 0/0			0/0	0/500K	-	0/40M 0/0	-	
data	MP+dmbs MP+po+dmb	0/5M 0/0			0/3.50M 0/0	0/500K		0/39.50M 0/0		
data	MP+po-data+dmb MP+pos	4.99K/4M 514.11K/5M	,	± 189.09/500K ± 5.20K/500K	0/0	1.23K/500K	$1.23 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	431.10K/36M 4.12M/39.50M	5.99 K / 500 K	$\pm 2.36 \text{K} / 500 \text{K} $ $\pm 8.85 \text{K} / 500 \text{K}$
data	MP+rfi-data+dmb SB+dmbs	2.75K/2M 0/5M	,	± 294.54/500K	0/0 0/3.50M	7.31K/500K	$7.31 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	284.40K/19.50M 0/39.50M	7.29K/500K	± 2.70K/500K
data	SB+pos WRC+addrs	890.96K/5M 0/4.50M	89.10K/500K	$\pm 10.98 \text{K} / 500 \text{K}$		67.40K/500K	$67.40 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	5.10M/39.50M 0/39.50M	64.53 K / 500 K	$\pm 18.46 \text{K} / 500 \text{K}$
	WRC+pos LB+R-svc-W+R-svc-W	40.77K/4.50M 0/4.50M	4.53 K / 500 K	$\pm 1.01 \mathrm{K}/500 \mathrm{K}$	0/3.50M 0/0	·	, ,	44.26K/39.50M 0/33.50M		$\pm 508.94/500 \mathrm{K}$
	MP+W-svc-W+addr MP+dmb+R-svc-R	0/4.50M 0/0			0/0	,	, , , , , , , , , , , , , , , , , , , ,	2/33.50M 0/0		$\pm 0.17/500 K$
	MP+dmb+R-svc-eret-R MP+dmb+eret	0/4.50M 0/5M			0/0 0/6.50M	0/500K	<u> </u>	0/33.50M 0/33.50M	-	
	MP+dmb+svc MP+dmb+svc-R-eret-svc-R	0/5M 0/5M			0/6.50M 0/0	0/500K	<u>.</u> S	0/33.50M 0/33.50M	-	
exc	MP+dmb+svc-R-svc-R MP+dmb+svc-R-svc-eret-R	0/5M 0/5M			0/0	0/500K	5	0/33M 0/33M	-	
exc	MP+dmb+svc2-R-eret-R MP+svc-W-eret-W+addr	0/5M 0/5M			0/0	3/500K	$3.00/500K \pm 0.00/500K$	,	1.83/500K	± 2.11/500K
exc	SB+W-svc-R+W-svc-R SB+svc-erets	0/5M 34/5M	,	± 4.43/500K	0/0	5.37K/500K	$5.37 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	238/33M	3.61/500 K	± 5.83/500K ± 3.91/500K
pgtable	CoRT CoRT+dsb-isb		55.79K/500K	$\pm 13.19 \text{K} / 500 \text{K}$ $\pm 9.75 \text{K} / 500 \text{K}$ $\pm 21.67 \text{K} / 500 \text{K}$	0/0 0/0 2/3 50M	64.59K/500K	$\begin{array}{ccc} 114.28 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \\ 64.59 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \end{array}$	3.07M/33M	46.58K/500K	$\pm 10.72 \text{K} / 500 \text{K}$ $\pm 41.70 \text{K} / 500 \text{K}$ $\pm 18.19 \text{K} / 500 \text{K}$
	CoTR CoTR+addr CoTR+dmb	1.46M/5M 0/5M 1/5M	•	$\pm 21.67 \text{K} / 500 \text{K}$ $\pm 0.30 / 500 \text{K}$	$\frac{2/3.50M}{2/3M}$ $\frac{5/3M}{5}$	$0.33/500K \pm 0.47/500K$ $1/500K$	$1.00/500K \pm 0.00/500K$	7.34M/32.50M 0/32.50M 4/32.50M	·	± 18.19K/500K ± 0.24/500K
pgtable	CoTR+dsb CoTR+dsb-isb	2/5M 1/5M	$0.20/500 \mathrm{K}$	$\pm 0.30/500K$ $\pm 0.40/500K$ $\pm 0.30/500K$	1/3M 2/3M	$0.17/500K \pm 0.37/500K$ $0/500K$	- -	5/32.50M 1/32.50M	0.08/500K	$\begin{array}{c} \pm 0.24/500 \text{K} \\ \pm 0.27/500 \text{K} \\ \pm 0.12/500 \text{K} \end{array}$
pgtable	CoTR.inv CoTR.inv+dsb-isb	2.67M/5M 0/5M		$\pm 65.29 \text{K} / 500 \text{K}$	,	0/500K	<u> </u>	26.59M/32.50M 0/32.50M	409.09K/500K	$\pm 0.12/500K$ $\pm 77.47K/500K$
pgtable	CoTR1+dsb-dc-dsb-tlbi-dsb-isb CoTR1+dsb-tlbi-dsb-isb	2/5M 2/5M		± 0.40/500K ± 0.40/500K	0/0	0/500K	-	4/32.50M 3/32.50M	$0.06/500 \mathrm{K}$	$\pm 0.24/500 K$ $\pm 0.21/500 K$
	CoTR1.tlbi+dsb-isb	6/5M 0/5M		$\pm 0.40/500 K$ $\pm 1.02/500 K$	7/3M 0/0	$1.17/500K \pm 0.69/500K$ $1/500K$	$1.00/500K \pm 0.00/500K$	29/32.50M 0/32.50M	0.45/500K	$\pm 0.63/500 \text{K}$
pgtable		2.81M/5M	280.69K/500K 279.32K/500K	$\pm 10.73 \text{K} / 500 \text{K}$ $\pm 9.16 \text{K} / 500 \text{K}$	,	369.12K/500K	$\begin{array}{ccc} 369.12 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \\ 248.71 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \end{array}$	16.30M/32.50M	250.71K/500K	$\pm 1.74 \text{K} / 500 \text{K} $ $\pm 409.71 / 500 \text{K}$
pgtable pgtable	CoWT+dsb-isb CoWT+dsb-svc-tlbi-dsb	,	280.77K/500K	,	0/3.50M 0/3.50M	249.23K/500K 0/500K	$249.23 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	/	249.84K/500K	± 397.95/500K
pgtable pgtable	CoWT.inv CoWT.inv+dmb	6/5M 5/5M	$0.50/500 \mathrm{K}$	$\pm 1.20/500 \text{K}  \pm 0.67/500 \text{K}$	0/3.50M 0/0	305.08K/500K 45.59K/500K	$\begin{array}{ccc} 305.08 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \\ 45.59 \text{K} / 500 \text{K} & \pm 0.00 / 500 \text{K} \end{array}$	22/32M 15/32M	0.34/500K 0.23/500K	$\pm 0.67/500 \text{K}  \pm 0.49/500 \text{K}$
pgtable pgtable	CoWT.inv+dsb CoWT.inv+dsb-isb	1/5M 0/5M		$\pm 0.30/500 \text{K}$	0/3.50M 0/3M	0/500K 0/500K	,	22/31.50M 0/31.50M	0.35/500K	$\pm 0.67/500 \text{K}$
pgtable pgtable	CoWT1+dsb-tlbi-dsb CoWT1+dsb-tlbi-dsb-isb	0/5M 0/5M			0/3.50M 0/0	0/500K 0/500K	- -	0/32M 0/32M		
10	CoWinvT+dsb-isb	2.69 M/5 M	266.85K/500K 268.66K/500K	,	0/3.50M 0/0	336.81K/500K	$\begin{array}{ccc} 293.49 \text{K} / 500 \text{K} & \pm \ 0.00 / 500 \text{K} \\ 336.81 \text{K} / 500 \text{K} & \pm \ 0.00 / 500 \text{K} \end{array}$	16.31M/31.50M	258.94K/500K	$\begin{array}{l} \pm \ 17.15 \text{K} / 500 \text{K} \\ \pm \ 17.86 \text{K} / 500 \text{K} \end{array}$
pgtable	CoWinvT1+dsb-tlbi-dsb CoWinvWT1+dsb-tlbi-dsb-dsb-isb	0/5M 0/5M			0/3.50M 0/0	0/500K	- S	0/31.50M 0/31.50M		
pgtable	ISA2.TRR+dmb+po+dmb  MP.BBM1+[dmb.ld]-dsb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/5M 0/107M			0/3M 0/0	0/0		0/31.50M 0/427M		
pgtable	MP.BBM1+[dmb.ld]-tlbiis-dsb-isb-dsb-isb+dsb-isb MP.BBM1+[po]-dsb-tlbiis-dsb-isb-dsb-isb+dsb-isb MP.BBM1+dsb-isb-tlbiis-dsb-isb-dsb-isb+dsb-isb	0/197M 0/107M			0/0	0/0		0/119M 0/135M 52/125M		$\pm 0.44/500 K$
pgtable	MP.BBM1+dsb-isb-tlbiis-dsb-isb-dsb-isb+dsb-isb MP.BBM1+dsb-tlbiis-dsb-dsb+dsb MP.BBM1+dsb-tlbiis-dsb-dsb+dsb-isb	0/5M 1/5M 0/5M	$0.10/500 \mathrm{K}$	$\pm 0.30/500 K$	0/0 0/0 0/0	0/500K		52/125M 7/32M 2/32M	0.11/500K	$\begin{array}{c} \pm 0.44/500K \\ \pm 0.36/500K \\ \pm 0.17/500K \end{array}$
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb	1/5M 2/5M		$\pm 0.30/500K$ $\pm 0.40/500K$	0/0	0/500K	-	2/32M 0/32M 3/32M	·	± 0.17/500K ± 0.28/500K
pgtable	MP.BBM1+dsb-tlbiis-dsb-dsb-isb+dsb-isb MP.BBM1.id+dsb-tlbiis-dsb-dsb-dsb-isb	2/5M 0/0 9/5M	·	$\pm 0.40/500K$ $\pm 0.30/500K$	0/0	0/0		9/181M 66/32M	0.02/500 K	$\begin{array}{c} \pm 0.28/500 \text{K} \\ \pm 0.16/500 \text{K} \\ \pm 0.17/500 \text{K} \end{array}$
pgtable	MP.RT+svc-dsb-tlbiis-dsb+dsb-isb MP.RT+svc-dsb-tlbiis-dsb+dsb-isb	1/5M 1/5M	$0.10/500 { m K}$	$\pm 0.30/500K$ $\pm 0.30/500K$ $\pm 0.30/500K$	0/3M 0/3.50M	0/500  m K		3/31.50M 3/31.50M	$0.05/500 \mathrm{K}$	$\pm 0.17/500K$ $\pm 0.21/500K$ $\pm 0.21/500K$
pgtable	MP.RT.inv+dmb+addr MP.RT.inv+dmb+po	0/5M 0/5M	0.10/00011	_ 0.00/ 00011	0/3M 0/0	0/500K	- -	0/31.50M 0/31.50M	·	_ 0.21/00011
pgtable	MP.RT1+[dmb.ld]-dmb+dsb-isb MP.RT1+[dmb.ld]-dsb-isb-tlbiis-dsb-isb+dmb	7.14K/5M 0/0	714.50/500K	$\pm 129.06/500 \mathrm{K}$	0/0	986/500K	$986.00/500K \pm 0.00/500K$	1.26K/31.50M 0/12.50M	19.98/500K	$\pm 35.96/500 \mathrm{K}$
pgtable	MP.RT1+[dmb.ld]-dsb-isb-tlbiis-dsb-isb+dsb-isb MP.RT1+[dmb.ld]-dsb-tlbiis-dsb-isb+dmb	0/0 0/5M			0/0	0/0		0/12.50M 0/12.50M 0/31.50M		
pgtable	MP.RT1+dc-dsb-tlbiall-dsb+dsb-isb MP.RT1+dc-dsb-tlbiall-dsb-isb+dsb-isb	4/5M 3/5M	,	$\pm 0.49/500 K$ $\pm 0.46/500 K$	0/2.50M 0/0	1/500K	$1.00/500K \pm 0.00/500K$	5/31.50M 2/31.50M	0.08/500K	$\pm 0.27/500 \text{K}  \pm 0.18/500 \text{K}$
pgtable pgtable	MP.RT1+dsb-isb-tlbiis-dsb-isb+dsb-isb MP.RT1+dsb-tlbi-dsb+dsb-isb	0/5M 0/5M	,	,	0/0 0/3M	0/500K		4/31M 2/31M	0.06/500K 0.03/500K	$\pm 0.25/500 K$ $\pm 0.18/500 K$
pgtable pgtable	MP.RT1+dsb-tlbiall-dsb+dsb-isb MP.RT1+dsb-tlbiallis-dsb+dsb-isb	5/5M 3/5M	$0.30/500 \mathrm{K}$	$\pm 0.50/500 \text{K}  \pm 0.64/500 \text{K}$	0/3.50M 0/0	0/500K		6/31M 2/31M	0.10/500K 0.03/500K	$\pm 0.30/500 \text{K} $ $\pm 0.18/500 \text{K}$
pgtable	MP.RT1+dsb-tlbiis-dsb+dsb-isb MP.RT1+dsb-tlbiis-dsb-isb+dmb	1/5M 0/5M	$0.\overline{10/500}$ K	$\pm 0.30/500 K$	0/3.50M 0/0	0/500K		1/31M 1/31M	0.02/500 K	$\pm 0.13/500 \text{K}  \pm 0.13/500 \text{K}$
pgtable	MP.RT1+dsb-tlbiis-dsb-isb+dsb-isb MP.RT1+dsb-tlbiis-dsb-tlbiis-dsb+dsb-isb	0/5M 0/5M			0/0 0/3.50M	0/500K	5	1/31M 3/31M	0.05/500 K	$\pm 0.13/500 \text{K}$ $\pm 0.21/500 \text{K}$
pgtable	MP.TT+Winv-dmb-Winv+tpo MP.TT+dmb+dsb-isb	193.79K/5M 529.09K/4.50M	58.79K/500K	± 7.02K/500K ± 12.70K/500K	0/0	59.96K/500K	$59.96 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	67.38K/31M 398.74K/31M	6.43K/500K	± 926.88/500K ± 7.43K/500K
pgtable	MP.TT.dmb+tpo MP.TT.inv+dmb+dsb-isb	0/4.50M	78.89K/500K	$\pm 12.86 \text{K} / 500 \text{K}$	0/0	0/500K		386.32K/31M 0/31M	·	$\pm 5.93 \text{K} / 500 \text{K}$
pgtable	MP.TT.inv+dmb+tpo MP.invRT+dsb+dsb-isb	0/4.50M 570.59K/4M	71.32K/500K	$\pm$ 11.52K/500K	0/0	20.27K/500K	$20.27 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	0/31M 705.96K/30.50M	11.57K/500K	± 5.91K/500K
pgtable	MP.invRT1+dsb-isb-tlbiis-dsb-isb MP.invRT1+dsb-tlbiis-dsb+dsb	0/4.50M 0/4M	0.14/800**	L O OF PROOF	0/0	0/500K	<u>.</u> S	1/31M 2/31M	0.03/500 K	$\pm 0.13/500K$ $\pm 0.18/500K$ $\pm 0.13/500K$
pgtable	MP.invRT1+dsb-tlbiis-dsb+dsb-isb WRC.AT+ctrl+dsb	1/3.50M 107.79K/3.50M		$\pm 0.35/500K$ $\pm 2.85K/500K$	0/0	19.30K/500K	$19.30 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	1/31M 183.32K/30.50M	3.01K/500K	$\pm 0.13/500 \text{K}  \pm 3.13 \text{K}/500 \text{K}$
pgtable	WRC.TRR+addr+dmb WRC.TRR.inv+addrs	0/3.50M 0/3.50M	A 1017 /F0017	± 070 04/50075	0/3M 0/3M	0/500K		0/30.50M 0/30.50M 57.00K/30.50M		± 416 99 /F00T
pgtable	WRC.TRT+addr+dmb WRC.TRT+dmbs	29.28K/3.50M 26.13K/3.50M	3.73 K / 500 K	$\pm 970.04/500K$ $\pm 1.47K/500K$ $\pm 994.53/500K$	0/3M 0/3M	22.64K/500K	$22.64 \text{K} / 500 \text{K} \pm 0.00 / 500 \text{K}$	57.00K/30.50M 74.68K/30.50M 72.31K/30.50M	1.22K/500K	± 416.32/500K ± 444.60/500K + 435.00/500K
pgtable	WRC.TRT+dsb-isbs WRC.TRT.inv+addrs WRC.TRT.inv+dsb-isbs	14.43K/3.50M 0/3M 0/3M	2.00K/50UK	$\pm 994.53/500K$	0/3M 0/0 0/3M	0/500K		72.31K/30.50M 0/29.50M 0/29M	·	$\pm 435.00/500K$
pgtable	WRC.TRT.inv+dsb-1sbs WRC.TRT.inv+po+addr WRC.TRT.inv+po+dmb	0/3M 0/3M 0/3M			0/3M 0/3M 0/3M	0/0		0/29M 0/28.50M 0/28M		
pgtable	WRC.TRT1-dsb-tlbiis-dsb+dmb WRC.TRT1+dsb-tlbiis-dsb+dsb-isb	0/3.50M 0/3.50M			0/3M 0/3M 0/0	0/0		0/28M 0/29M 0/29M		
aliasing	CoWR.alias MP+dmb-data+dmb	0/5.50M 0/6M 0/5M			0/0	0/1.50M	-	0/29M 0/36M 0/36M		
aliasing	MP.alias+dmbs MP.alias2+dmb-data+dmb	0/5M 0/5M 0/5M			0/0	0/1.50M	-	0/36M 0/36M		
aliasing	MP.alias2+dmbs MP.alias2+po-data+dmb	0/3M 0/3M 2.23K/5M	222.60/500K	± 44.19/500K	0/0	0/1.50M	-	0/19.50M	-	$\pm 1.83 \text{K} / 500 \text{K}$
aliasing	MP.alias2+po-data+dmb SB.alias+dmbs	2.25K/5M 51/3M 0/5M		$\pm 44.19/500K$ $\pm 2.36/500K$	0/0	16/1.50M	$5.33/500K \pm 2.05/500K$	36.35K/19.50M 0/35.50M	932.18/500K	$\pm 337.68/500K$
	WRC.alias2+addrs	0/3M 0/4M 0/4M			0/0	0/43M		0/35.50M 0/19M 0/18.50M		
	WRC.alias2+dmbs				U/U	U/45M		11/12/		