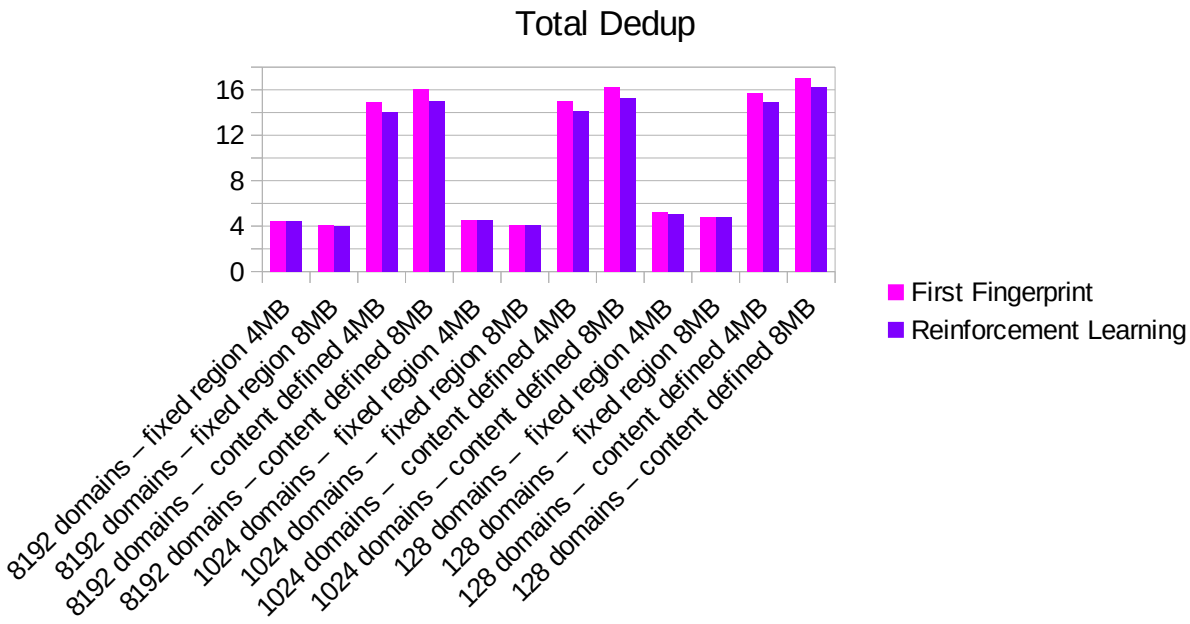
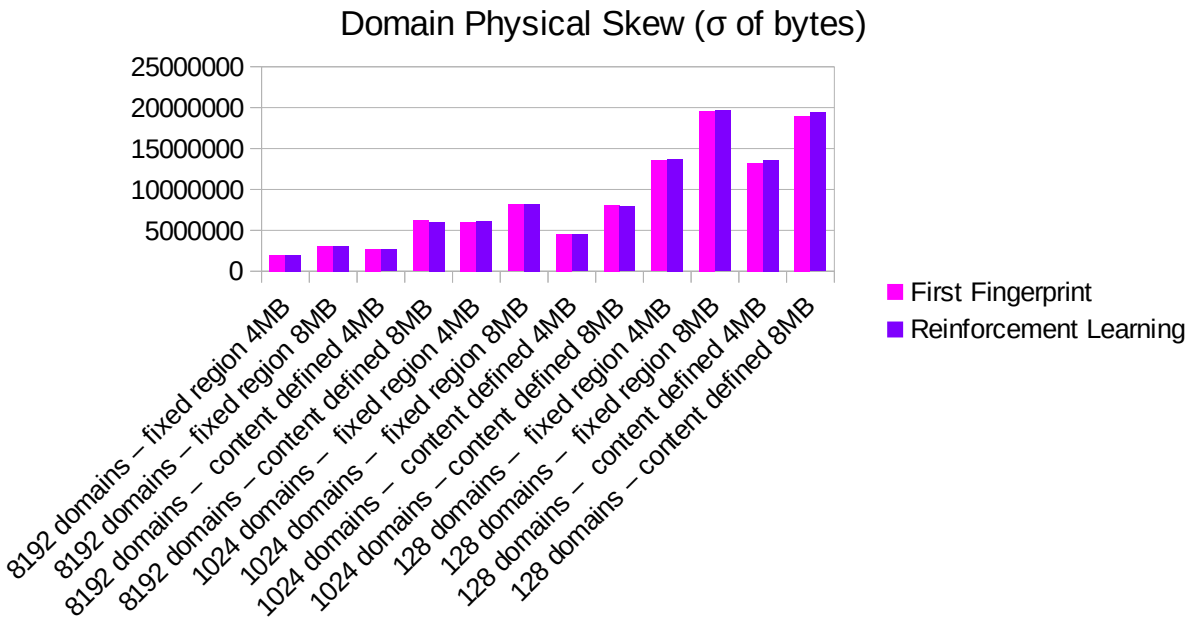
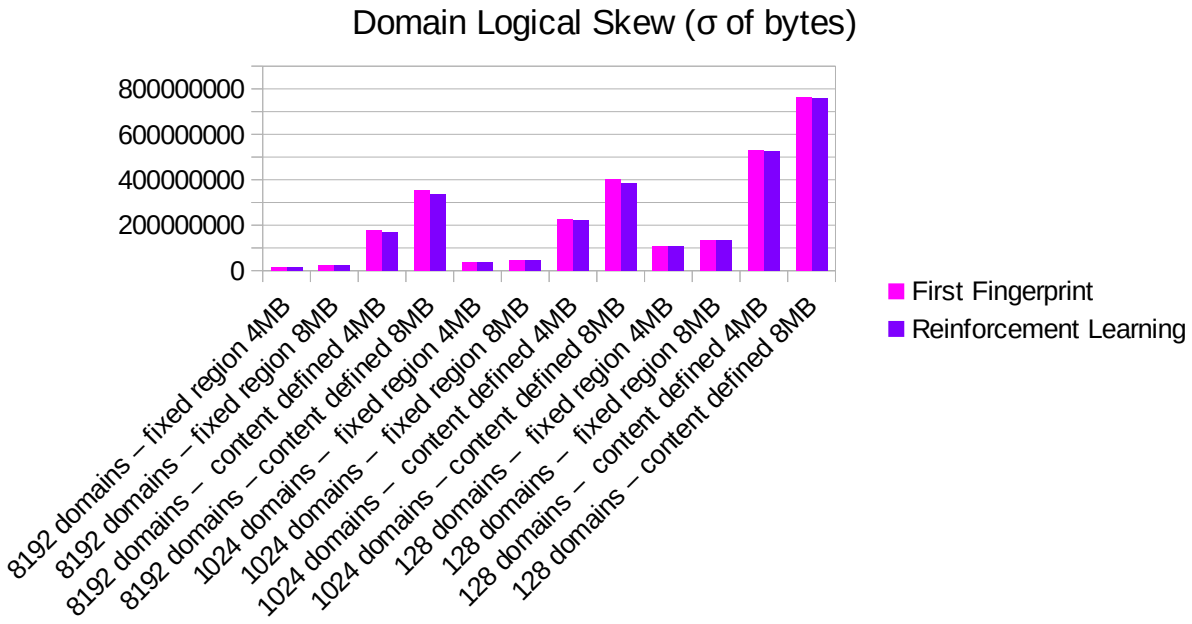
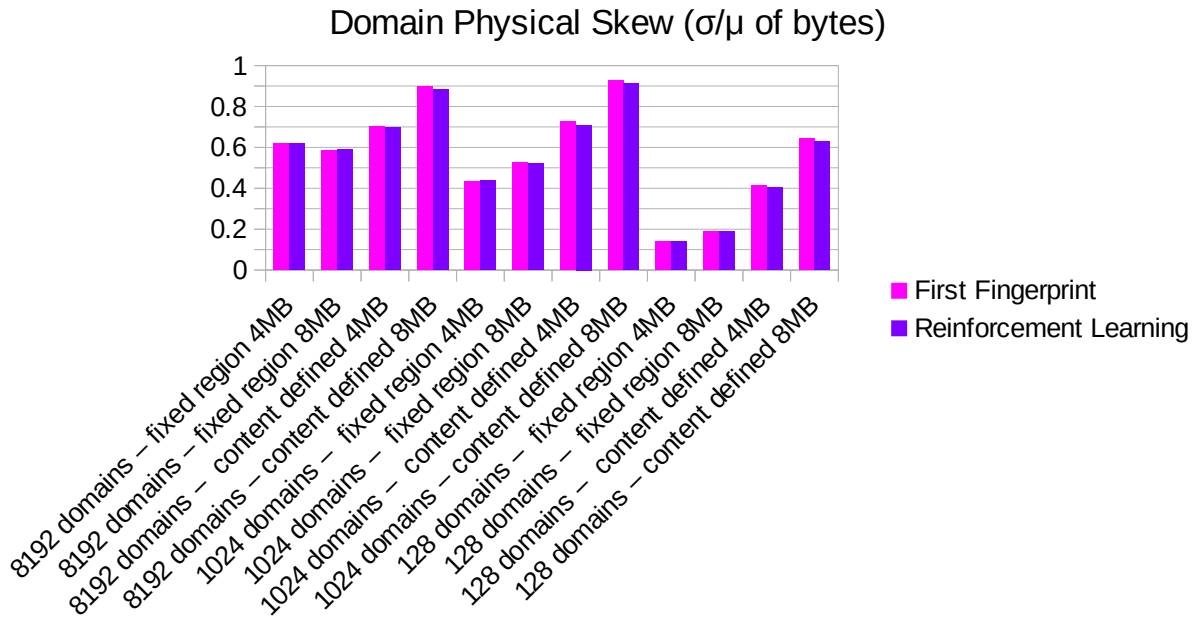
mean_domain_logical std_domain_logical mean_pod_phys

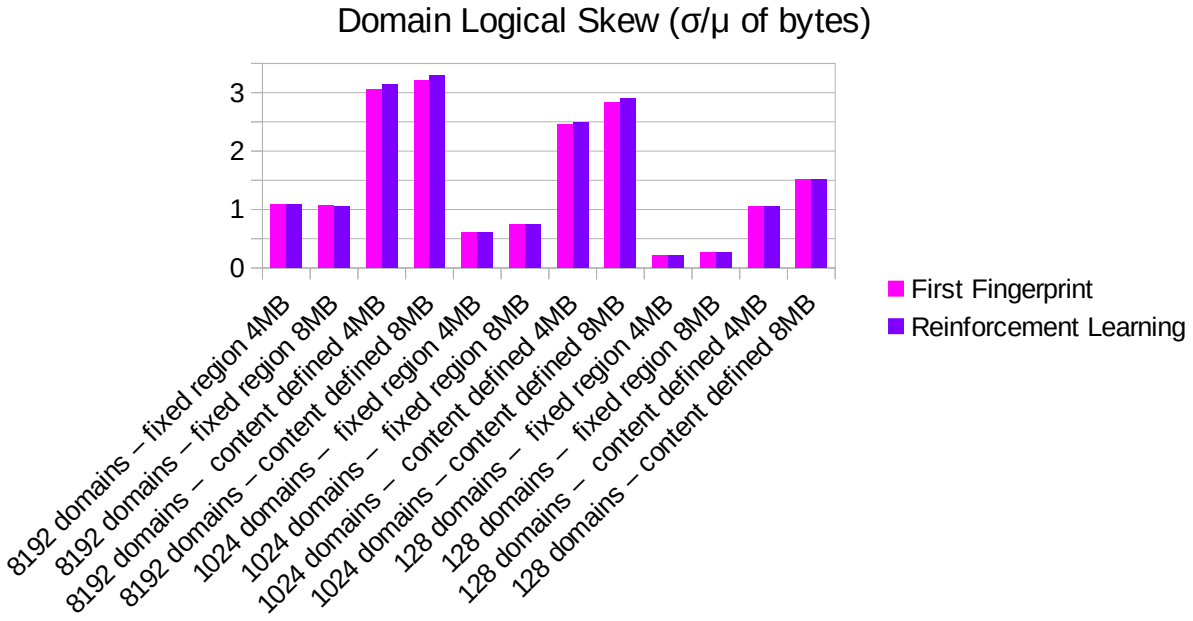


std_pod_phys mean_pod_logical std_pod_logical

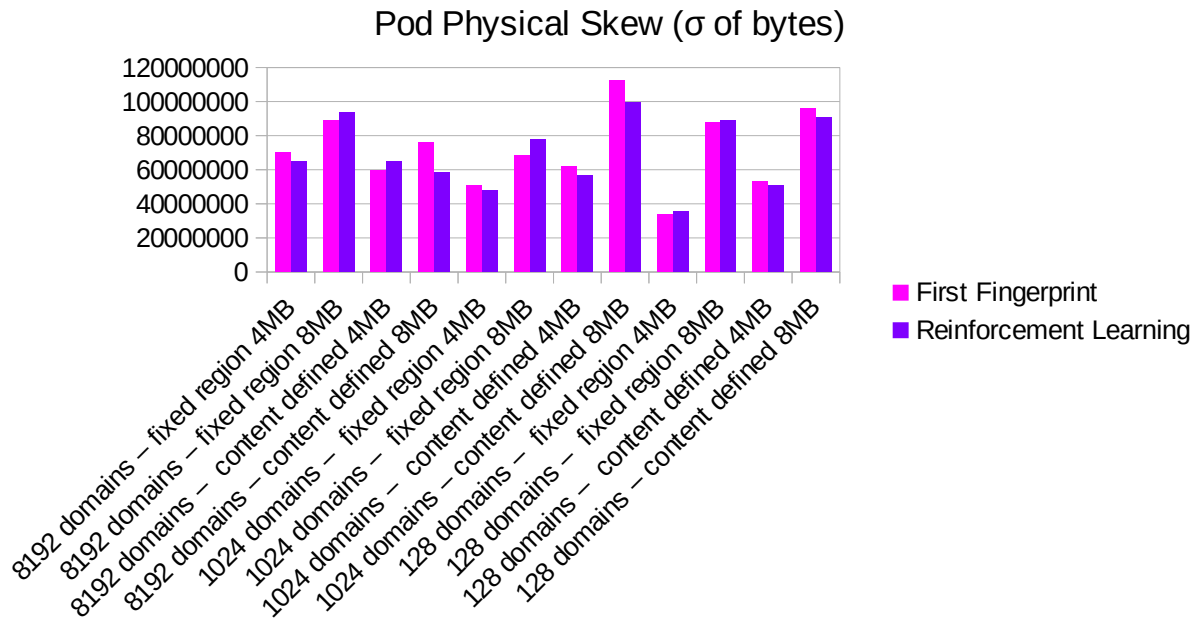


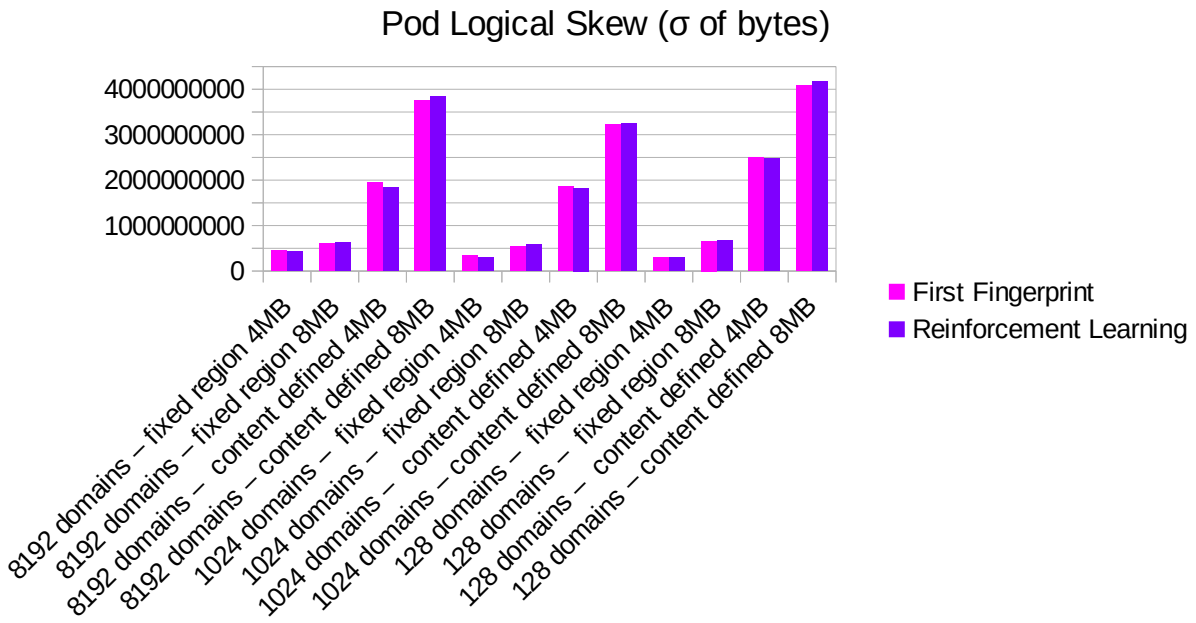


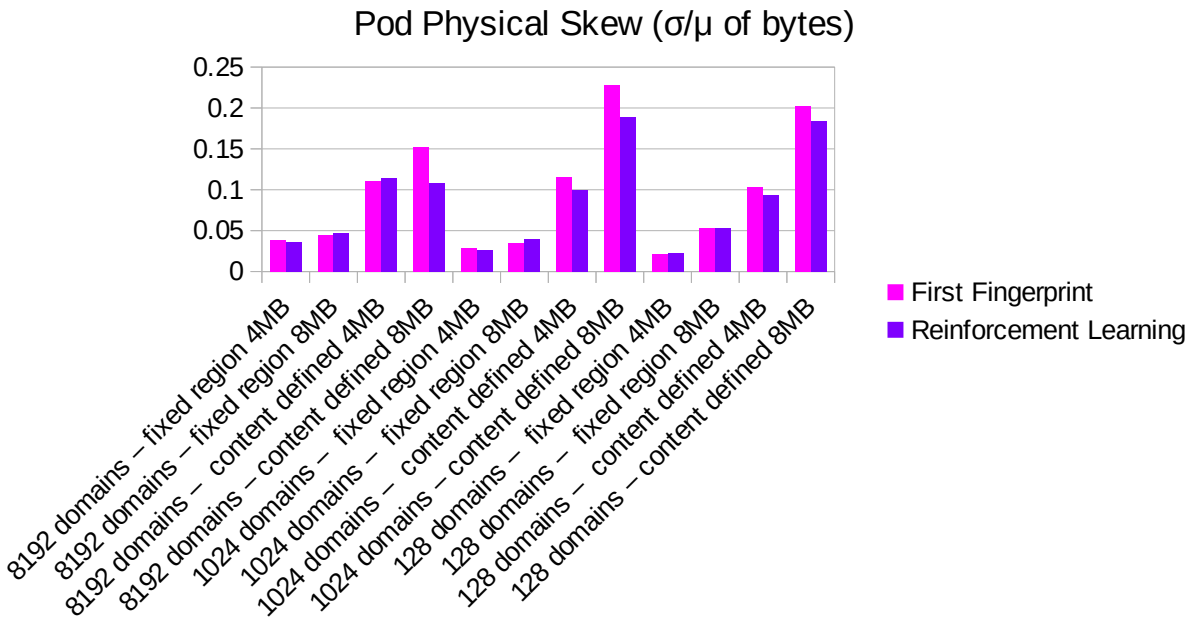

Domain Physical Skew (σ/μ of bytes)
1
0.8
0.6
0.4
0.2
0
8192 domains – fixed region 4MB
8192 domains – fixed region 8MB
8192 domains – content defined 4MB
8192 domains – content defined 8MB
1024 domains – fixed region 4MB
1024 domains – fixed region 8MB
1024 domains – content defined 4MB
1024 domains – content defined 8MB
128 domains – fixed region 4MB
128 domains – fixed region 8MB
128 domains – content defined 4MB
128 domains – content defined 8MB
First Fingerprint
Reinforcement Learning

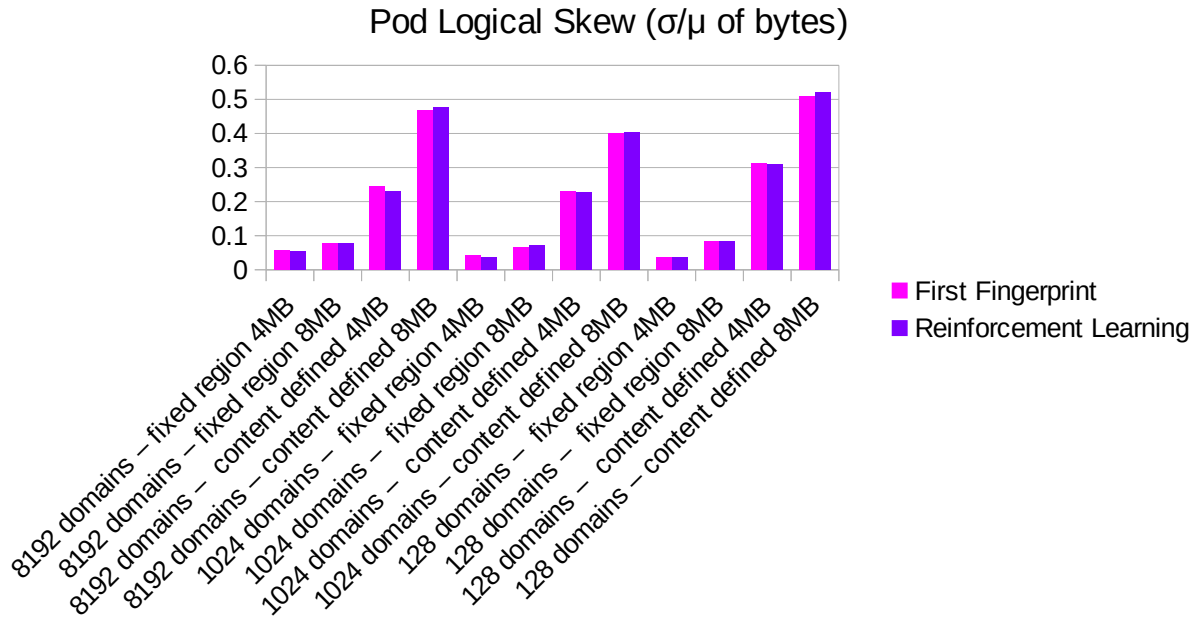

Domain Logical Skew (σ/μ of bytes)
3
2
1
0
8192 domains – fixed region 4MB
8192 domains – fixed region 8MB
8192 domains – content defined 4MB
8192 domains – content defined 8MB
1024 domains – fixed region 4MB
1024 domains – fixed region 8MB
1024 domains – content defined 4MB
1024 domains – content defined 8MB
128 domains – fixed region 4MB
128 domains – fixed region 8MB
128 domains – content defined 4MB
128 domains – content defined 8MB
First Fingerprint
Reinforcement Learning

pod1 dedup pod2 dedup pod3 dedup pod4 dedup pod5 dedup pod6 dedup pod7 dedup pod8 dedup






Pod Physical Skew (σ/μ of bytes)
0.25
0.2
0.15
0.1
0.05
0
8192 domains – fixed region 4MB
8192 domains – fixed region 8MB
8192 domains – content defined 4MB
8192 domains – content defined 8MB
1024 domains – fixed region 4MB
1024 domains – fixed region 8MB
1024 domains – content defined 4MB
1024 domains – content defined 8MB
128 domains – fixed region 4MB
128 domains – fixed region 8MB
128 domains – content defined 4MB
128 domains – content defined 8MB
First Fingerprint
Reinforcement Learning


Pod Logical Skew (σ/μ of bytes)
0.6
0.5
0.4
0.3
0.2
0.1
0
8192 domains – fixed region 4MB
8192 domains – fixed region 8MB
8192 domains – content defined 4MB
8192 domains – content defined 8MB
1024 domains – fixed region 4MB
1024 domains – fixed region 8MB
1024 domains – content defined 4MB
1024 domains – content defined 8MB
128 domains – fixed region 4MB
128 domains – fixed region 8MB
128 domains – content defined 4MB
128 domains – content defined 8MB
First Fingerprint
Reinforcement Learning