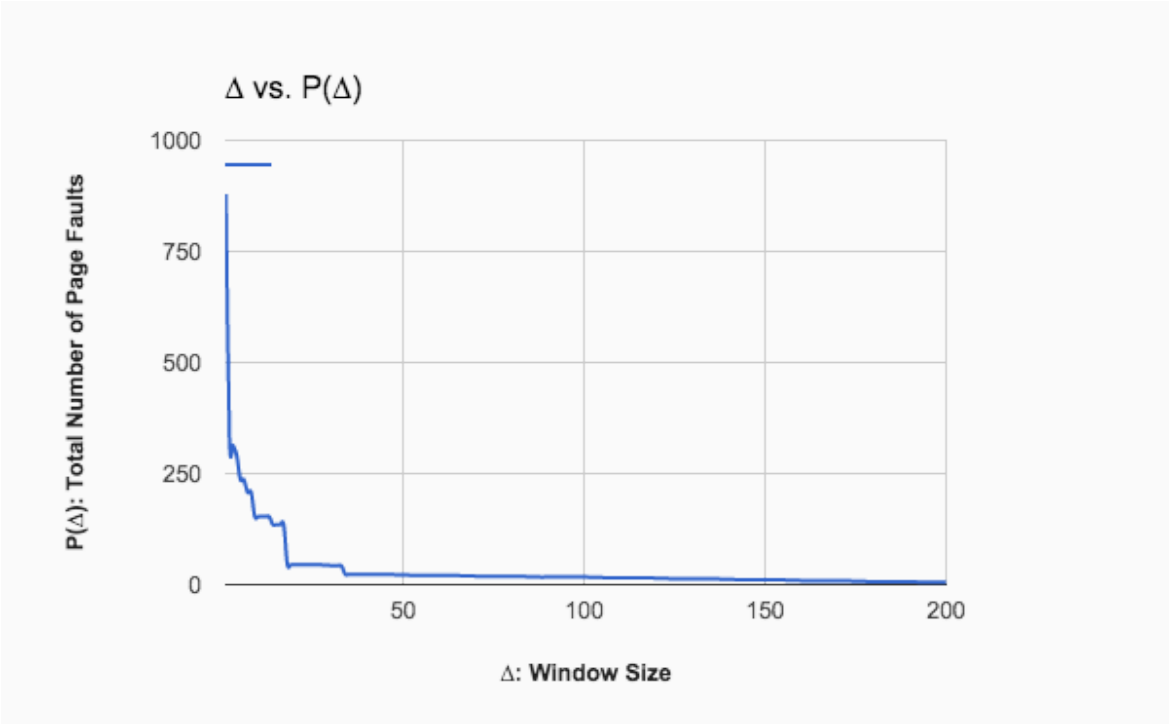
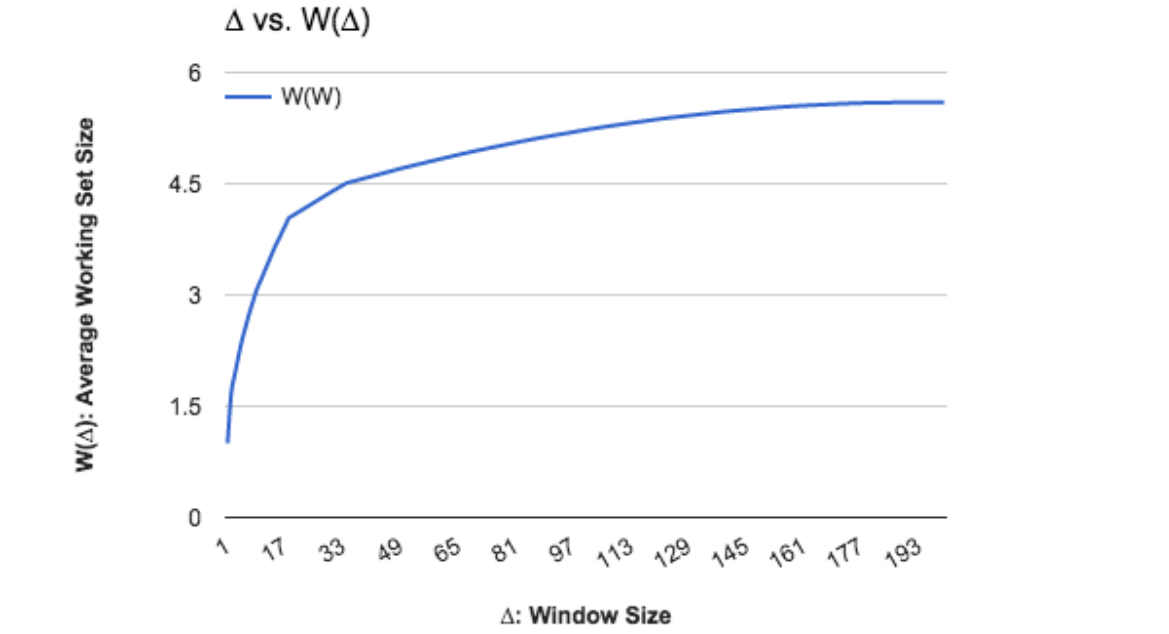
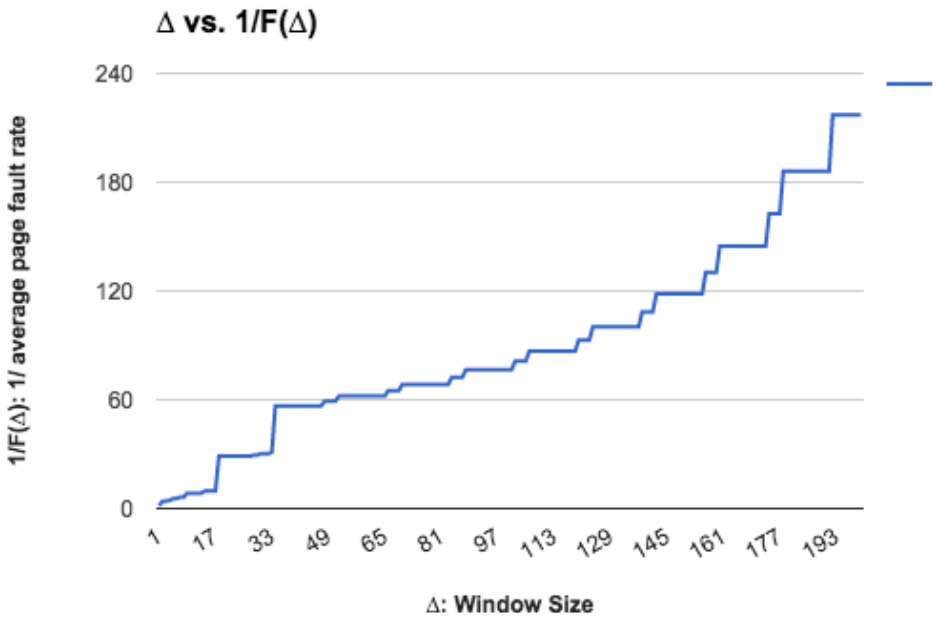
Project OS5
Shiwei Huang






Δ vs. 1/F(Δ)
1/F(Δ): 1/ average page fault rate
240
180
120
60
0
1
17
33
49
65
81
97
113
129
145
161
177
193
Δ: Window Size

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W	P(W)	W(W)	F(W)	1/F(W)
1	879	1.000	0.675	1.481
2	333	1.674	0.256	3.910
3	313	1.929	0.240	4.160
4	292	2.168	0.224	4.459
5	237	2.390	0.182	5.494
6	236	2.570	0.181	5.517
7	208	2.748	0.160	6.260
8	208	2.905	0.160	6.260
9	153	3.061	0.118	8.510
10	153	3.176	0.118	8.510
11	153	3.290	0.118	8.510
12	153	3.405	0.118	8.510
13	153	3.519	0.118	8.510
14	135	3.634	0.104	9.644
15	135	3.734	0.104	9.644
16	135	3.835	0.104	9.644
17	135	3.935	0.104	9.644
18	45	4.036	0.035	28.933
19	45	4.067	0.035	28.933
20	45	4.098	0.035	28.933
21	45	4.127	0.035	28.933
22	45	4.157	0.035	28.933
23	45	4.187	0.035	28.933
24	45	4.217	0.035	28.933
25	45	4.247	0.035	28.933
26	45	4.277	0.035	28.933
27	45	4.307	0.035	28.933
28	44	4.337	0.034	29.591
29	44	4.366	0.034	29.591
30	43	4.396	0.033	30.279
31	43	4.424	0.033	30.279
32	43	4.452	0.033	30.279
33	42	4.481	0.032	31.000
34	23	4.508	0.018	56.609
35	23	4.522	0.018	56.609
36	23	4.535	0.018	56.609
37	23	4.548	0.018	56.609
38	23	4.561	0.018	56.609
39	23	4.574	0.018	56.609
40	23	4.587	0.018	56.609
41	23	4.600	0.018	56.609
42	23	4.613	0.018	56.609
43	23	4.626	0.018	56.609
44	23	4.639	0.018	56.609
45	23	4.652	0.018	56.609
46	23	4.665	0.018	56.609

47	23	4.678	0.018	56.609
48	22	4.691	0.017	59.182
49	22	4.704	0.017	59.182
50	22	4.716	0.017	59.182
51	22	4.728	0.017	59.182
52	21	4.740	0.016	62.000
53	21	4.752	0.016	62.000
54	21	4.763	0.016	62.000
55	21	4.775	0.016	62.000
56	21	4.786	0.016	62.000
57	21	4.798	0.016	62.000
58	21	4.810	0.016	62.000
59	21	4.821	0.016	62.000
60	21	4.833	0.016	62.000
61	21	4.844	0.016	62.000
62	21	4.856	0.016	62.000
63	21	4.867	0.016	62.000
64	21	4.879	0.016	62.000
65	21	4.890	0.016	62.000
66	20	4.902	0.015	65.100
67	20	4.912	0.015	65.100
68	20	4.923	0.015	65.100
69	20	4.934	0.015	65.100
70	19	4.945	0.015	68.526
71	19	4.955	0.015	68.526
72	19	4.965	0.015	68.526
73	19	4.975	0.015	68.526
74	19	4.985	0.015	68.526
75	19	4.995	0.015	68.526
76	19	5.005	0.015	68.526
77	19	5.015	0.015	68.526
78	19	5.025	0.015	68.526
79	19	5.035	0.015	68.526
80	19	5.045	0.015	68.526
81	19	5.055	0.015	68.526
82	19	5.065	0.015	68.526
83	19	5.075	0.015	68.526
84	18	5.084	0.014	72.333
85	18	5.094	0.014	72.333
86	18	5.103	0.014	72.333
87	18	5.112	0.014	72.333
88	17	5.121	0.013	76.588
89	17	5.130	0.013	76.588
90	17	5.138	0.013	76.588
91	17	5.147	0.013	76.588
92	17	5.155	0.013	76.588
93	17	5.164	0.013	76.588
94	17	5.172	0.013	76.588

95	17	5.180	0.013	76.588
96	17	5.189	0.013	76.588
97	17	5.197	0.013	76.588
98	17	5.206	0.013	76.588
99	17	5.214	0.013	76.588
100	17	5.223	0.013	76.588
101	17	5.231	0.013	76.588
102	16	5.240	0.012	81.375
103	16	5.247	0.012	81.375
104	16	5.255	0.012	81.375
105	16	5.263	0.012	81.375
106	15	5.270	0.012	86.800
107	15	5.277	0.012	86.800
108	15	5.284	0.012	86.800
109	15	5.291	0.012	86.800
110	15	5.298	0.012	86.800
111	15	5.305	0.012	86.800
112	15	5.312	0.012	86.800
113	15	5.319	0.012	86.800
114	15	5.326	0.012	86.800
115	15	5.333	0.012	86.800
116	15	5.339	0.012	86.800
117	15	5.346	0.012	86.800
118	15	5.353	0.012	86.800
119	15	5.360	0.012	86.800
120	14	5.367	0.011	93.000
121	14	5.373	0.011	93.000
122	14	5.379	0.011	93.000
123	14	5.386	0.011	93.000
124	13	5.392	0.010	100.154
125	13	5.397	0.010	100.154
126	13	5.402	0.010	100.154
127	13	5.408	0.010	100.154
128	13	5.413	0.010	100.154
129	13	5.419	0.010	100.154
130	13	5.424	0.010	100.154
131	13	5.429	0.010	100.154
132	13	5.435	0.010	100.154
133	13	5.440	0.010	100.154
134	13	5.445	0.010	100.154
135	13	5.451	0.010	100.154
136	13	5.456	0.010	100.154
137	13	5.462	0.010	100.154
138	12	5.467	0.009	108.500
139	12	5.472	0.009	108.500
140	12	5.476	0.009	108.500
141	12	5.481	0.009	108.500
142	11	5.485	0.008	118.364

143	11	5.489	0.008	118.364
144	11	5.493	0.008	118.364
145	11	5.497	0.008	118.364
146	11	5.501	0.008	118.364
147	11	5.505	0.008	118.364
148	11	5.508	0.008	118.364
149	11	5.512	0.008	118.364
150	11	5.516	0.008	118.364
151	11	5.520	0.008	118.364
152	11	5.524	0.008	118.364
153	11	5.528	0.008	118.364
154	11	5.531	0.008	118.364
155	11	5.535	0.008	118.364
156	10	5.539	0.008	130.200
157	10	5.542	0.008	130.200
158	10	5.545	0.008	130.200
159	10	5.548	0.008	130.200
160	9	5.551	0.007	144.667
161	9	5.554	0.007	144.667
162	9	5.556	0.007	144.667
163	9	5.558	0.007	144.667
164	9	5.561	0.007	144.667
165	9	5.563	0.007	144.667
166	9	5.565	0.007	144.667
167	9	5.568	0.007	144.667
168	9	5.570	0.007	144.667
169	9	5.572	0.007	144.667
170	9	5.575	0.007	144.667
171	9	5.577	0.007	144.667
172	9	5.579	0.007	144.667
173	9	5.581	0.007	144.667
174	8	5.584	0.006	162.750
175	8	5.585	0.006	162.750
176	8	5.587	0.006	162.750
177	8	5.588	0.006	162.750
178	7	5.590	0.005	186.000
179	7	5.591	0.005	186.000
180	7	5.591	0.005	186.000
181	7	5.592	0.005	186.000
182	7	5.593	0.005	186.000
183	7	5.594	0.005	186.000
184	7	5.594	0.005	186.000
185	7	5.595	0.005	186.000
186	7	5.596	0.005	186.000
187	7	5.597	0.005	186.000
188	7	5.598	0.005	186.000
189	7	5.598	0.005	186.000
190	7	5.599	0.005	186.000

191	7	5.600	0.005	186.000
192	6	5.601	0.005	217.000
193	6	5.601	0.005	217.000
194	6	5.601	0.005	217.000
195	6	5.601	0.005	217.000
196	6	5.601	0.005	217.000
197	6	5.601	0.005	217.000
198	6	5.601	0.005	217.000
199	6	5.601	0.005	217.000
200	6	5.601	0.005	217.000

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