Graphs to Accompany Chapter 5 of Jeremy P. Erickson’s Dissertation

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This document contains the full set of graphs for the experiments in Chapter 5 of Managing Tardiness Bounds and Overload in Soft Real-Time Systems.
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![Exponential Medium Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$](image1)

Figure 86: By Utilization Cap: Exponential Medium Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

![Exponential Medium Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$, WSS = 128 K](image2)
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Figure 109: By WSS: Exponential Heavy Utilizations, Uniform Short Periods, Medium Critical
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Exponential Heavy Utilizations, Uniform Short Periods
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Figure 110: By Utilization Cap: Exponential Heavy Utilizations, Uniform Short Periods, Medium
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Figure 127: By WSS: Bimodal Light Utilizations, Uniform Short Periods, Short Critical Sections,
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Bimodal Light Utilizations, Uniform Short Periods
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Figure 128: By Utilization Cap: Bimodal Light Utilizations, Uniform Short Periods, Short Critical
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Figure 130: By Utilization Cap: Bimodal Light Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$.
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Figure 150: By Utilization Cap: Bimodal Medium Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB
Figure 151: By WSS: Bimodal Medium Utilizations, Uniform Short Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

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Figure 153: By WSS: Bimodal Heavy Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

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Figure 161: By WSS: Bimodal Heavy Utilizations, Uniform Short Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 162: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Short Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
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Figure 170: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Short Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
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Figure 171: By WSS: Bimodal Heavy Utilizations, Uniform Short Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Bimodal Heavy Utilizations, Uniform Short Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB

Figure 172: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Short Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 173: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, nres = 12, pacc = 0.1

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Figure 177: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 178: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 179: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 180: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 181: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 182: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 183: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 184: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 185: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 186: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 187: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 188: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 189: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$

Figure 190: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$
Figure 191: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 192: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB
Figure 193: By WSS: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 194: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 195: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 196: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 197: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.1 \)

Figure 198: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.1 \)
Figure 199: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 200: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 201: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 202: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 203: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 204: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 205: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 206: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 207: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 208: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 209: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 210: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 211: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 212: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
Figure 213: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 214: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 215: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, \(n_{res} = 12, \ p_{acc} = 0.1\)

Figure 216: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, \(n_{res} = 12, \ p_{acc} = 0.1\)
Figure 217: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 218: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 219: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6, p_{acc} = 0.1$

Figure 220: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6, p_{acc} = 0.1$
Figure 221: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 222: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 223: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 224: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 225: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 226: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 227: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, \(n_{res} = 12, p_{acc} = 0.25\)

Figure 228: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, \(n_{res} = 12, p_{acc} = 0.25\)
Figure 229: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 230: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 231: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 232: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 233: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 234: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 235: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 236: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 237: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 238: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 239: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 240: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 241: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 242: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 243: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.1$

Figure 244: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.1$
Figure 245: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 246: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 247: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{\text{res}} = 12$, $p_{\text{acc}} = 0.25$

Figure 248: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{\text{res}} = 12$, $p_{\text{acc}} = 0.25$
Figure 249: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 250: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 251: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 252: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 253: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 254: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB
Figure 255: By WSS: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$

Figure 256: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$
Figure 257: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 258: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 259: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 260: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 261: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 262: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 263: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 264: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 265: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.1 \)

Figure 266: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.1 \)
Exponential Medium Utilizations, Uniform Moderate Periods
Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 267: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Exponential Medium Utilizations, Uniform Moderate Periods
Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$, WSS = 128 KB

Figure 268: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 269: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$

Figure 270: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$
Figure 271: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 272: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$, WSS = 128 KB
Figure 273: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)

Figure 274: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)
Figure 275: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 276: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 277: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 278: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 279: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, \ p_{acc} = 0.1 \)

Figure 280: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, \ p_{acc} = 0.1 \)
Figure 281: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 282: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 283: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 284: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.1$, WSS = 128 KB
Figure 285: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 286: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 287: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 288: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \), WSS = 128 KB
Figure 289: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.1 \)

Figure 290: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.1 \)
Figure 291: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 292: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 293: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 294: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 295: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 296: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 297: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$

Figure 298: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
Figure 299: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 300: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 301: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$, WSS = 128 KB

Figure 302: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 303: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 304: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1, \) WSS = 128 KB
Figure 305: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 306: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 307: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 308: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 309: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 310: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 311: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 312: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 313: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$

Figure 314: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$
Figure 315: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 316: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 317: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.25$

Figure 318: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.25$
Figure 319: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6, p_{acc} = 0.25$

Figure 320: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
Figure 321: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 322: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 323: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 324: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
Figure 325: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 326: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 327: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 328: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 329: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

![Graph showing average tardiness bound vs. WSS.](image)

Figure 330: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

![Graph showing average tardiness bound vs. utilization cap.](image)
Figure 331: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 332: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 333: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 334: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 335: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 336: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 337: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

Figure 338: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)
Bimodal Medium Utilizations, Uniform Moderate Periods
Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)

Figure 339: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)

Bimodal Medium Utilizations, Uniform Moderate Periods
Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25, \text{WSS} = 128 \text{ KB} \)

Figure 340: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)
Figure 341: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 342: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
Figure 343: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 344: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Bimodal Medium Utilizations, Uniform Moderate Periods
Long Critical Sections, \(n_{\text{res}} = 6\), \(p_{\text{acc}} = 0.25\)

**Figure 345:** By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, \(n_{\text{res}} = 6\), \(p_{\text{acc}} = 0.25\)

Bimodal Medium Utilizations, Uniform Moderate Periods
Long Critical Sections, \(n_{\text{res}} = 6\), \(p_{\text{acc}} = 0.25\), \(WSS = 128\) KB

**Figure 346:** By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods, Long Critical Sections, \(n_{\text{res}} = 6\), \(p_{\text{acc}} = 0.25\)
Figure 347: By WSS: Bimodal Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 348: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 349: By WSS: Bimodal Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 350: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 351: By WSS: Bimodal Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 352: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 353: By WSS: Bimodal Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 354: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
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Figure 356: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
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Figure 358: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
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Figure 364: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
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Figure 370: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \), WSS = 128 KB
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Figure 378: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 379: By WSS: Uniform Light Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 380: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
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Figure 382: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 383: By WSS: Uniform Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 384: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 385: By WSS: Uniform Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.25$

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Figure 388: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
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Figure 390: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
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Figure 414: By Utilization Cap: Uniform Medium Utilizations, Uniform Long Periods, Short Critical Sections, \(n_{res} = 6, p_{acc} = 0.25\)
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Figure 420: By Utilization Cap: Uniform Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1, WSS = 128$ KE
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Figure 424: By Utilization Cap: Uniform Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
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Figure 434: By Utilization Cap: Uniform Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
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Figure 438: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 439: By WSS: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 440: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 441: By WSS: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

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Figure 444: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
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Figure 446: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 447: By WSS: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 448: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 449: By WSS: Exponential Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

Figure 450: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)
Figure 451: By WSS: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 452: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 453: By WSS: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, \(n_{res} = 12, p_{acc} = 0.25\)

Figure 454: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, \(n_{res} = 12, p_{acc} = 0.25\)
Figure 455: By WSS: Exponential Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, \ p_{acc} = 0.25 \)

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Figure 457: By WSS: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 458: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \), WSS = 128 KB
Figure 459: By WSS: Exponential Light Utilizations, Uniform Long Periods, Long Critical Sections, \(n_{\text{res}} = 6, p_{\text{acc}} = 0.25\)

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Figure 462: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 463: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 464: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 465: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 466: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 467: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 468: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 469: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 470: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 471: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 472: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 473: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

![Figure 473: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$](image)

Figure 474: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

![Figure 474: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$](image)
Figure 475: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 476: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 477: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 478: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Exponential Medium Utilizations, Uniform Long Periods
Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 479: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Exponential Medium Utilizations, Uniform Long Periods
Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB

Figure 480: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 481: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$

Figure 482: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
Figure 483: By WSS: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 484: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 485: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.1 \)

Figure 486: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.1 \)
Figure 487: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 488: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 489: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 490: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 491: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 492: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 493: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 494: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 495: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.1$

Figure 496: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.1$
Figure 497: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)

Figure 498: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)
Figure 499: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 500: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
### Figure 501: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

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<th>Utilization Cap</th>
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<tr>
<td>14000</td>
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### Figure 502: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

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<th>Utilization Cap</th>
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</tr>
<tr>
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<td>120000</td>
</tr>
<tr>
<td>28</td>
<td>140000</td>
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</tbody>
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Figure 503: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)

Figure 504: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)
Figure 505: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)

Figure 506: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{\text{res}} = 6, p_{\text{acc}} = 0.25 \)
Figure 507: By WSS: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 508: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
Figure 509: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 510: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 511: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 512: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 513: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 514: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 515: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 516: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 517: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.1$

Figure 518: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.1$
Figure 519: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 520: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 521: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$

Figure 522: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12, p_{acc} = 0.25$
Figure 523: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 524: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 525: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 526: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 527: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 528: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 529: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$

Figure 530: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
Figure 531: By WSS: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.25$

Figure 532: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6, p_{acc} = 0.25$
Figure 533: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 534: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 535: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 536: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 537: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 538: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)
Figure 539: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)

Figure 540: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 6, p_{acc} = 0.1 \)
Figure 541: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 542: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 543: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 544: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 545: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 546: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 547: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 548: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 549: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)

Figure 550: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{\text{res}} = 12, p_{\text{acc}} = 0.25 \)
Figure 551: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 552: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 553: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 554: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$, WSS = 128 KB
Figure 555: By WSS: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)

Figure 556: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 6, p_{acc} = 0.25 \)
Figure 557: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$

Figure 558: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 12$, $p_{acc} = 0.1$
Figure 559: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1 \)

Figure 560: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, \( n_{res} = 12, p_{acc} = 0.1, WSS = 128 \) KB
Figure 561: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.1$

Figure 562: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 12, p_{acc} = 0.1$
Figure 563: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 564: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 565: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.1$

Figure 566: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 6, p_{acc} = 0.1$
Figure 567: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$

Figure 568: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.1$
Figure 569: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

Figure 570: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)
Figure 571: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$

Figure 572: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{res} = 12$, $p_{acc} = 0.25$
Figure 573: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)

Figure 574: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, \( n_{res} = 12, p_{acc} = 0.25 \)
Figure 575: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 576: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Medium Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 577: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$

Figure 578: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Short Critical Sections, $n_{\text{res}} = 6$, $p_{\text{acc}} = 0.25$
Figure 579: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$

Figure 580: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods, Long Critical Sections, $n_{res} = 6$, $p_{acc} = 0.25$
Figure 581: By WSS: Uniform Light Utilizations, Uniform Short Periods

Figure 582: By Utilization Cap: Uniform Light Utilizations, Uniform Short Periods
Figure 583: By WSS: Uniform Medium Utilizations, Uniform Short Periods

Figure 584: By Utilization Cap: Uniform Medium Utilizations, Uniform Short Periods
Figure 585: By WSS: Uniform Heavy Utilizations, Uniform Short Periods

Figure 586: By Utilization Cap: Uniform Heavy Utilizations, Uniform Short Periods
Figure 587: By WSS: Exponential Light Utilizations, Uniform Short Periods

Figure 588: By Utilization Cap: Exponential Light Utilizations, Uniform Short Periods
Figure 589: By WSS: Exponential Medium Utilizations, Uniform Short Periods

Figure 590: By Utilization Cap: Exponential Medium Utilizations, Uniform Short Periods
Figure 591: By WSS: Exponential Heavy Utilizations, Uniform Short Periods

Figure 592: By Utilization Cap: Exponential Heavy Utilizations, Uniform Short Periods
Figure 593: By WSS: Bimodal Light Utilizations, Uniform Short Periods

Figure 594: By Utilization Cap: Bimodal Light Utilizations, Uniform Short Periods
Figure 595: By WSS: Bimodal Medium Utilizations, Uniform Short Periods

Figure 596: By Utilization Cap: Bimodal Medium Utilizations, Uniform Short Periods
Figure 597: By WSS: Bimodal Heavy Utilizations, Uniform Short Periods

Figure 598: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Short Periods
Figure 599: By WSS: Uniform Light Utilizations, Uniform Moderate Periods

Figure 600: By Utilization Cap: Uniform Light Utilizations, Uniform Moderate Periods
Figure 601: By WSS: Uniform Medium Utilizations, Uniform Moderate Periods

Figure 602: By Utilization Cap: Uniform Medium Utilizations, Uniform Moderate Periods
Figure 603: By WSS: Uniform Heavy Utilizations, Uniform Moderate Periods

Figure 604: By Utilization Cap: Uniform Heavy Utilizations, Uniform Moderate Periods
Figure 605: By WSS: Exponential Light Utilizations, Uniform Moderate Periods

Figure 606: By Utilization Cap: Exponential Light Utilizations, Uniform Moderate Periods
Figure 607: By WSS: Exponential Medium Utilizations, Uniform Moderate Periods

Figure 608: By Utilization Cap: Exponential Medium Utilizations, Uniform Moderate Periods
Figure 609: By WSS: Exponential Heavy Utilizations, Uniform Moderate Periods

Figure 610: By Utilization Cap: Exponential Heavy Utilizations, Uniform Moderate Periods
Figure 611: By WSS: Bimodal Light Utilizations, Uniform Moderate Periods

Figure 612: By Utilization Cap: Bimodal Light Utilizations, Uniform Moderate Periods
Figure 613: By WSS: Bimodal Medium Utilizations, Uniform Moderate Periods

Figure 614: By Utilization Cap: Bimodal Medium Utilizations, Uniform Moderate Periods
Figure 615: By WSS: Bimodal Heavy Utilizations, Uniform Moderate Periods

Figure 616: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Moderate Periods
Figure 617: By WSS: Uniform Light Utilizations, Uniform Long Periods

Figure 618: By Utilization Cap: Uniform Light Utilizations, Uniform Long Periods
Figure 619: By WSS: Uniform Medium Utilizations, Uniform Long Periods

Figure 620: By Utilization Cap: Uniform Medium Utilizations, Uniform Long Periods
Figure 621: By WSS: Uniform Heavy Utilizations, Uniform Long Periods

Figure 622: By Utilization Cap: Uniform Heavy Utilizations, Uniform Long Periods
Figure 623: By WSS: Exponential Light Utilizations, Uniform Long Periods

Figure 624: By Utilization Cap: Exponential Light Utilizations, Uniform Long Periods
Figure 625: By WSS: Exponential Medium Utilizations, Uniform Long Periods

Figure 626: By Utilization Cap: Exponential Medium Utilizations, Uniform Long Periods
Figure 627: By WSS: Exponential Heavy Utilizations, Uniform Long Periods

Figure 628: By Utilization Cap: Exponential Heavy Utilizations, Uniform Long Periods
Figure 629: By WSS: Bimodal Light Utilizations, Uniform Long Periods

Figure 630: By Utilization Cap: Bimodal Light Utilizations, Uniform Long Periods
Figure 631: By WSS: Bimodal Medium Utilizations, Uniform Long Periods

Figure 632: By Utilization Cap: Bimodal Medium Utilizations, Uniform Long Periods
Figure 633: By WSS: Bimodal Heavy Utilizations, Uniform Long Periods

Figure 634: By Utilization Cap: Bimodal Heavy Utilizations, Uniform Long Periods