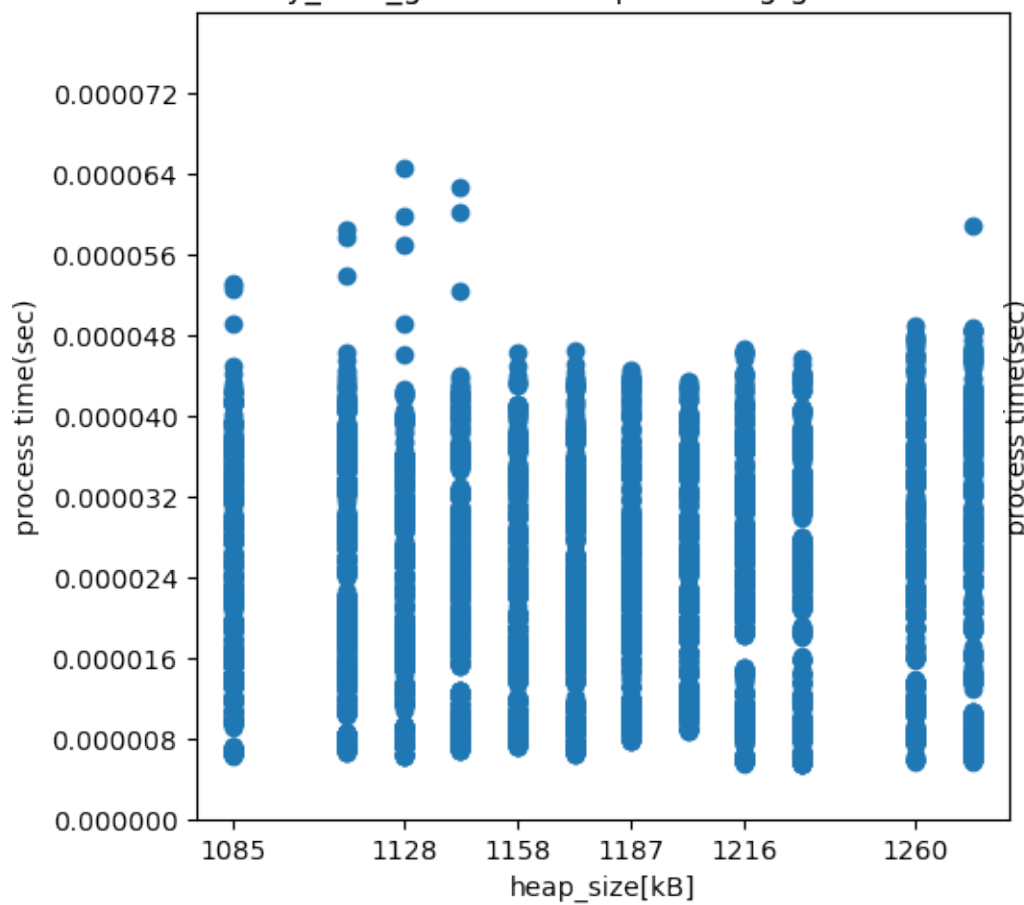
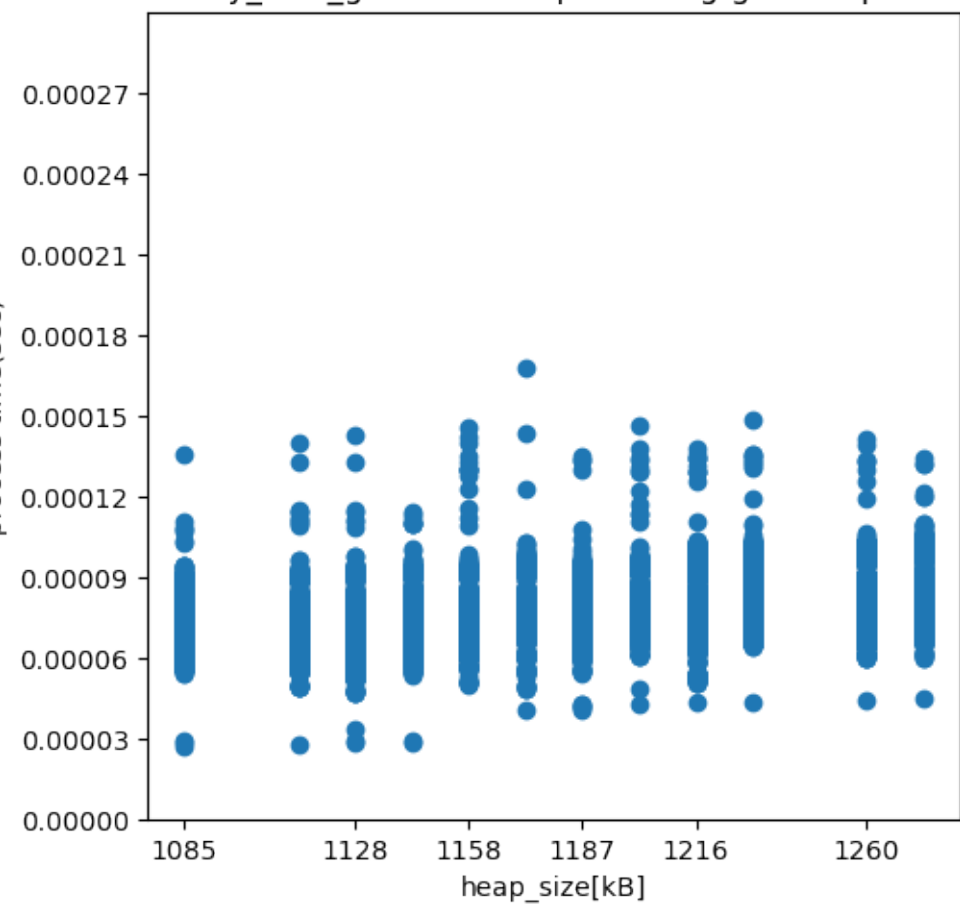


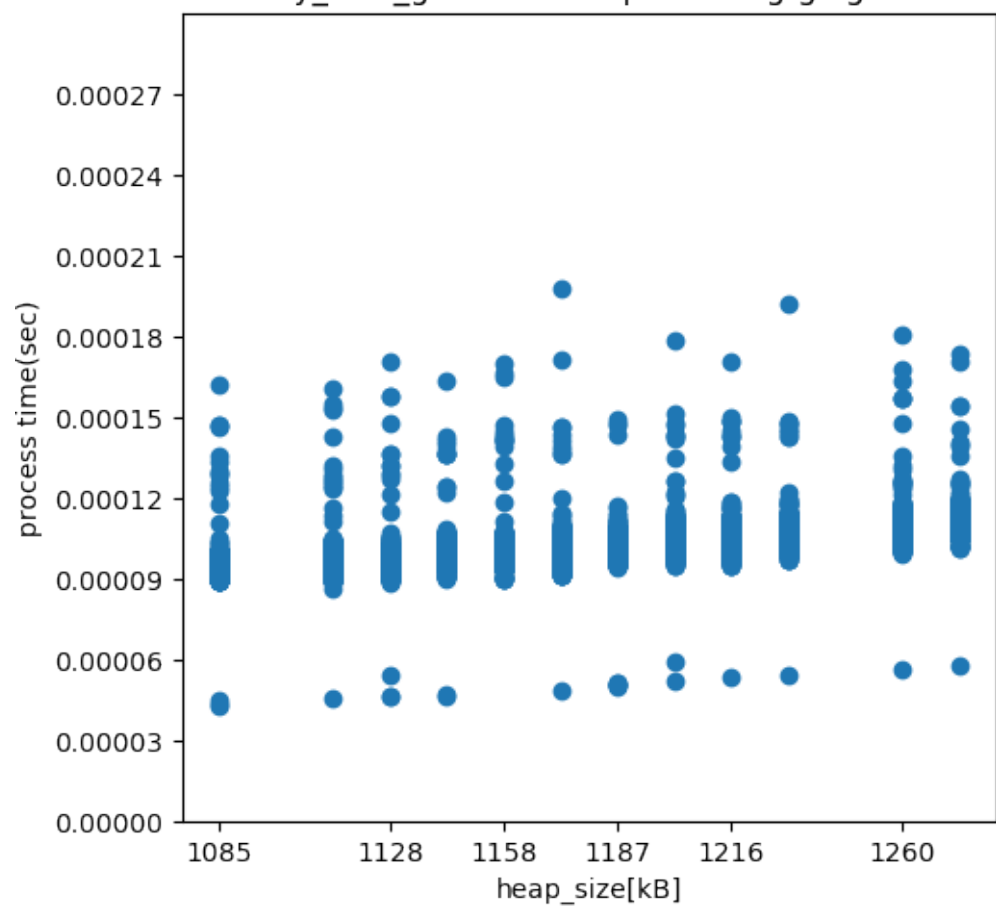
binary_tree_gctime bitmap-marking-gc mark time



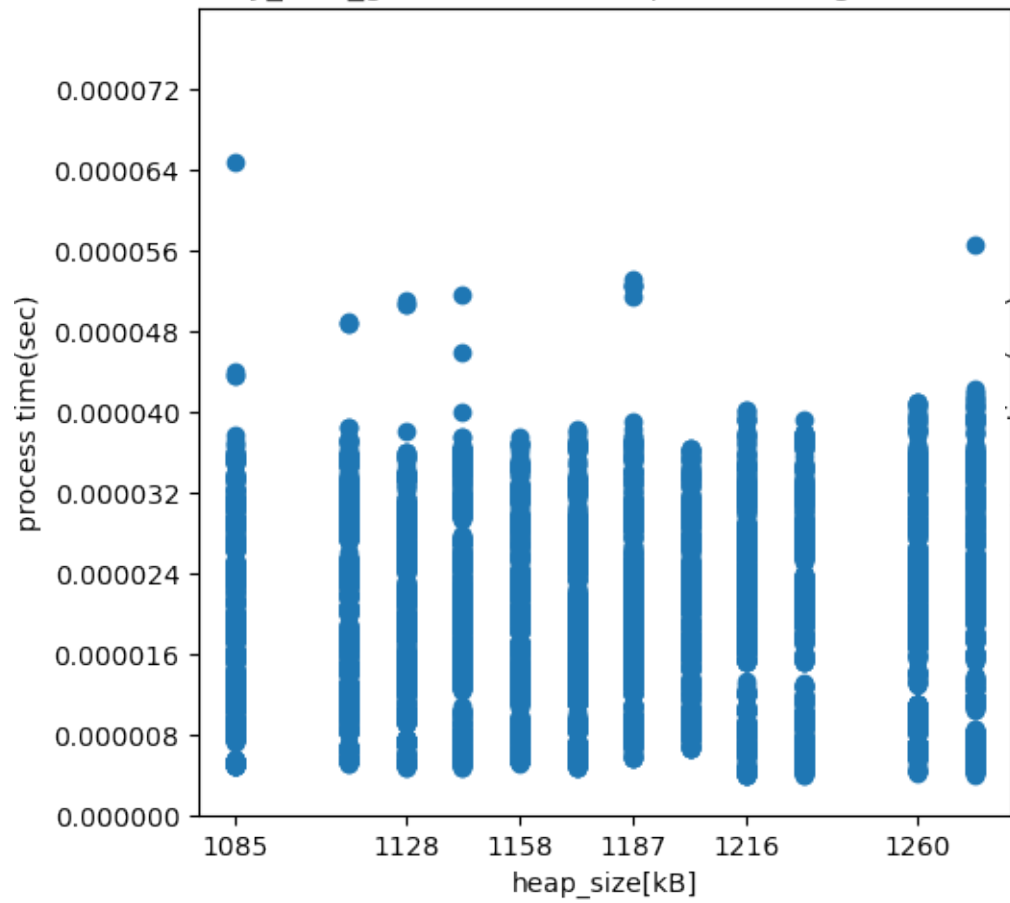
binary_tree_gctime bitmap-marking-gc sweep time



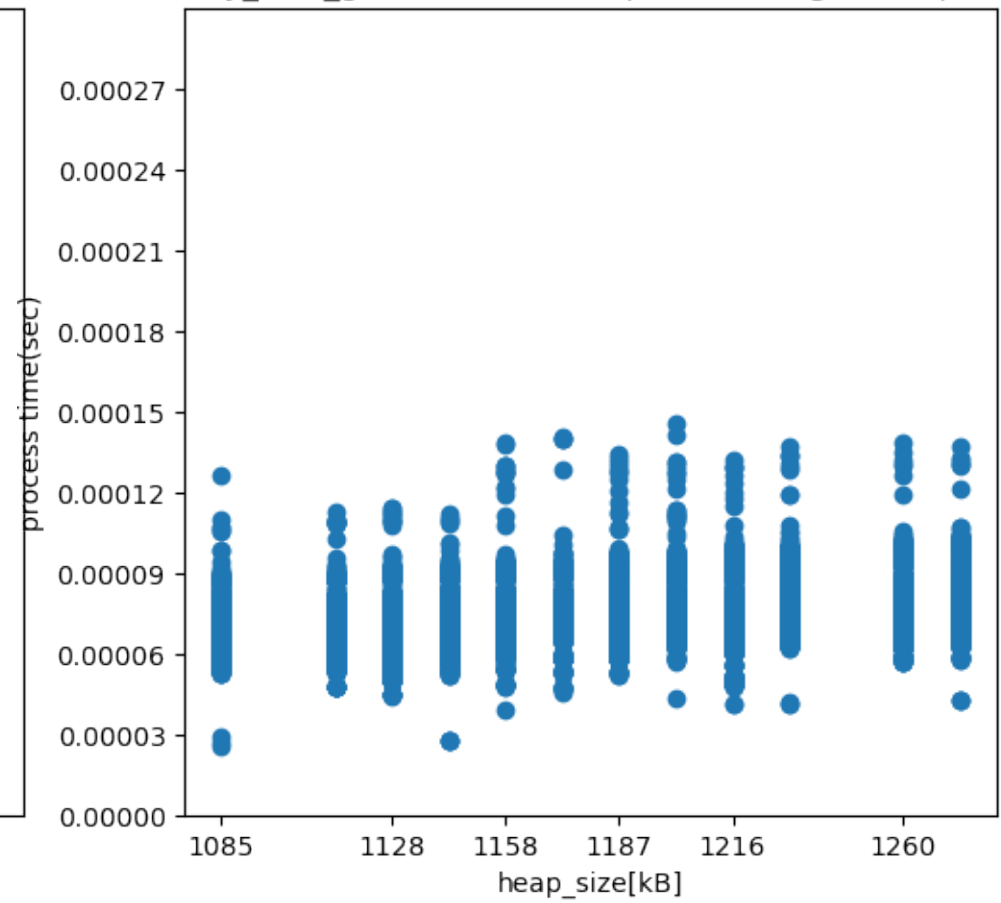
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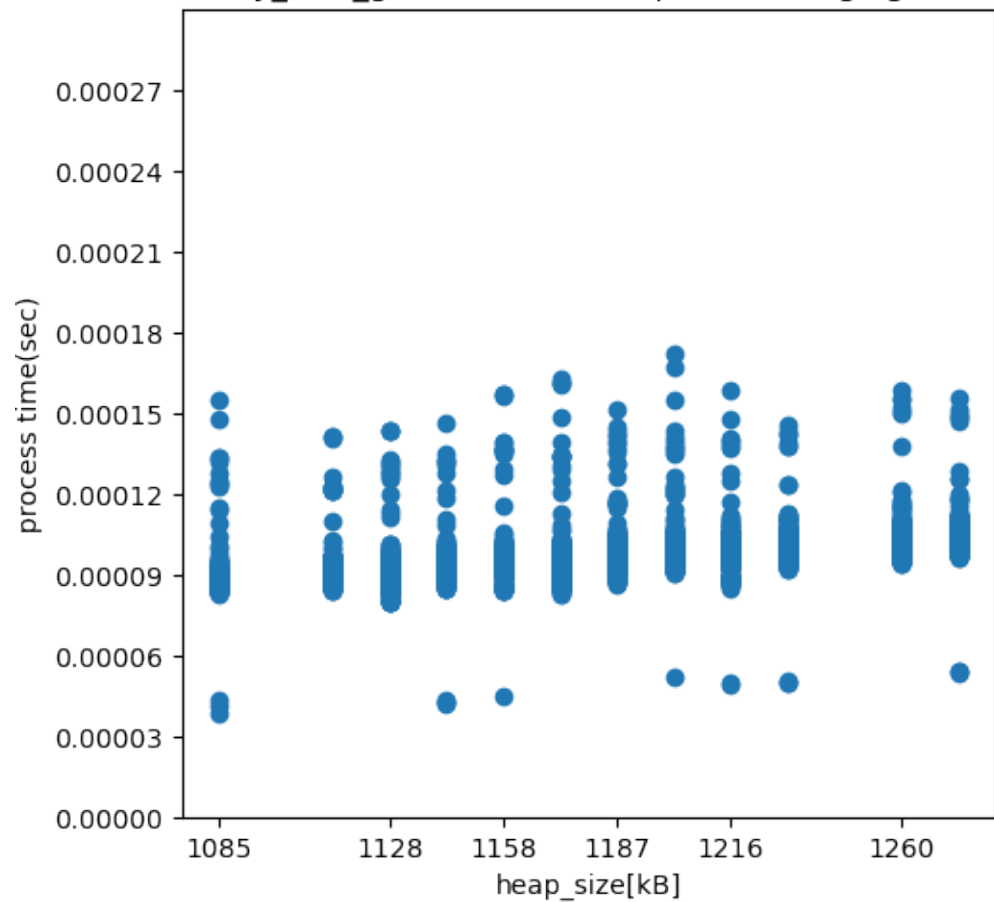
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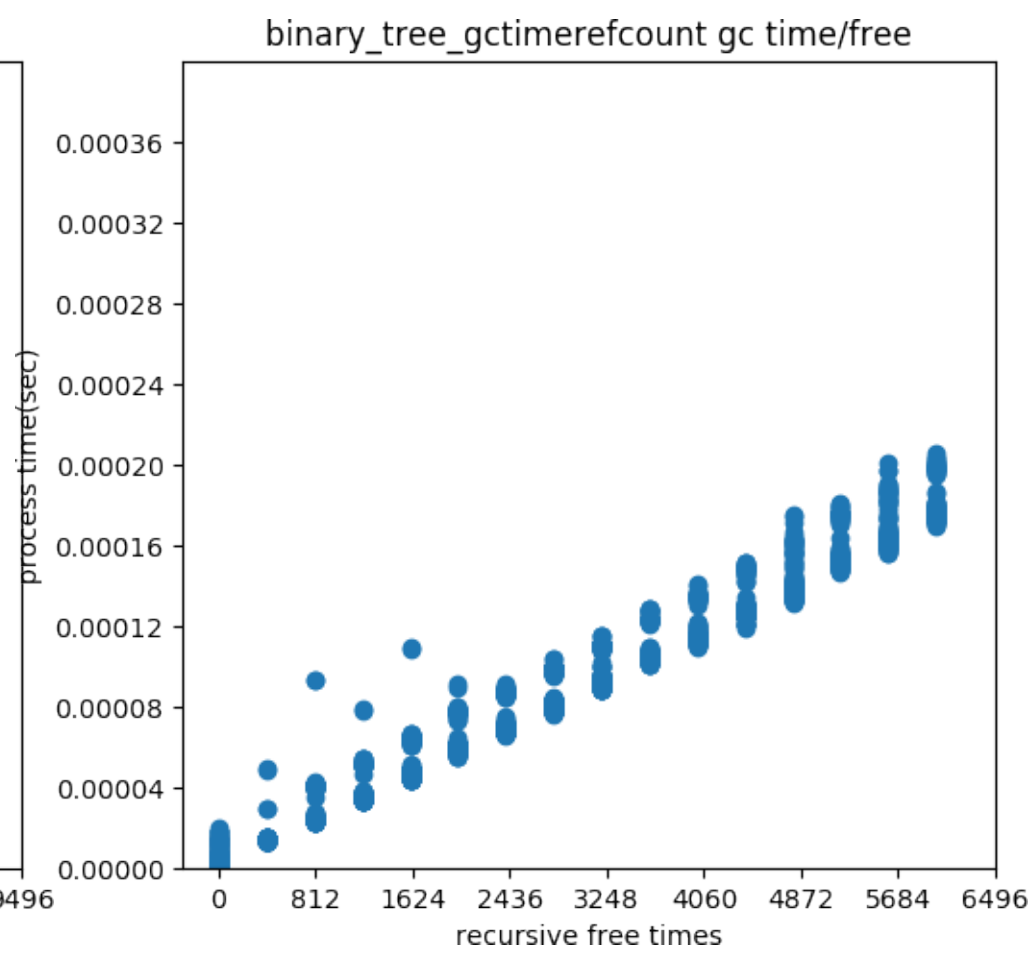
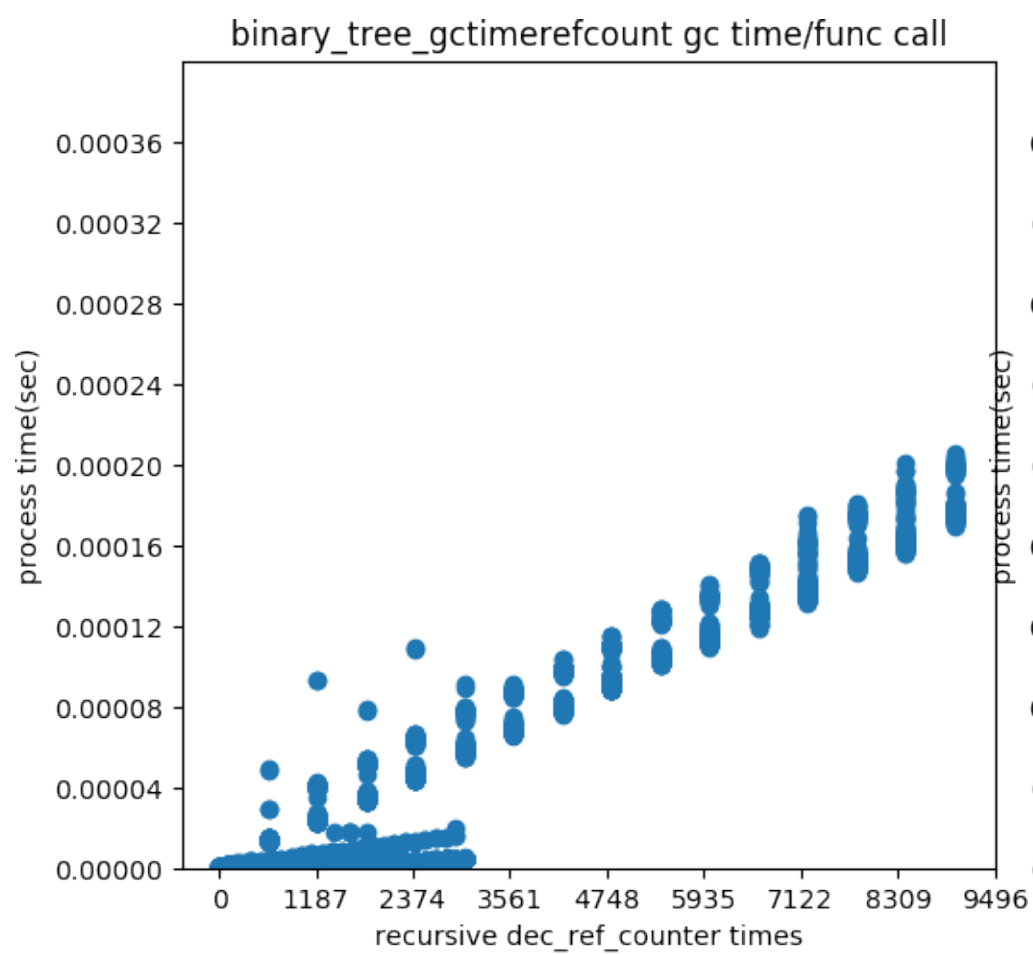


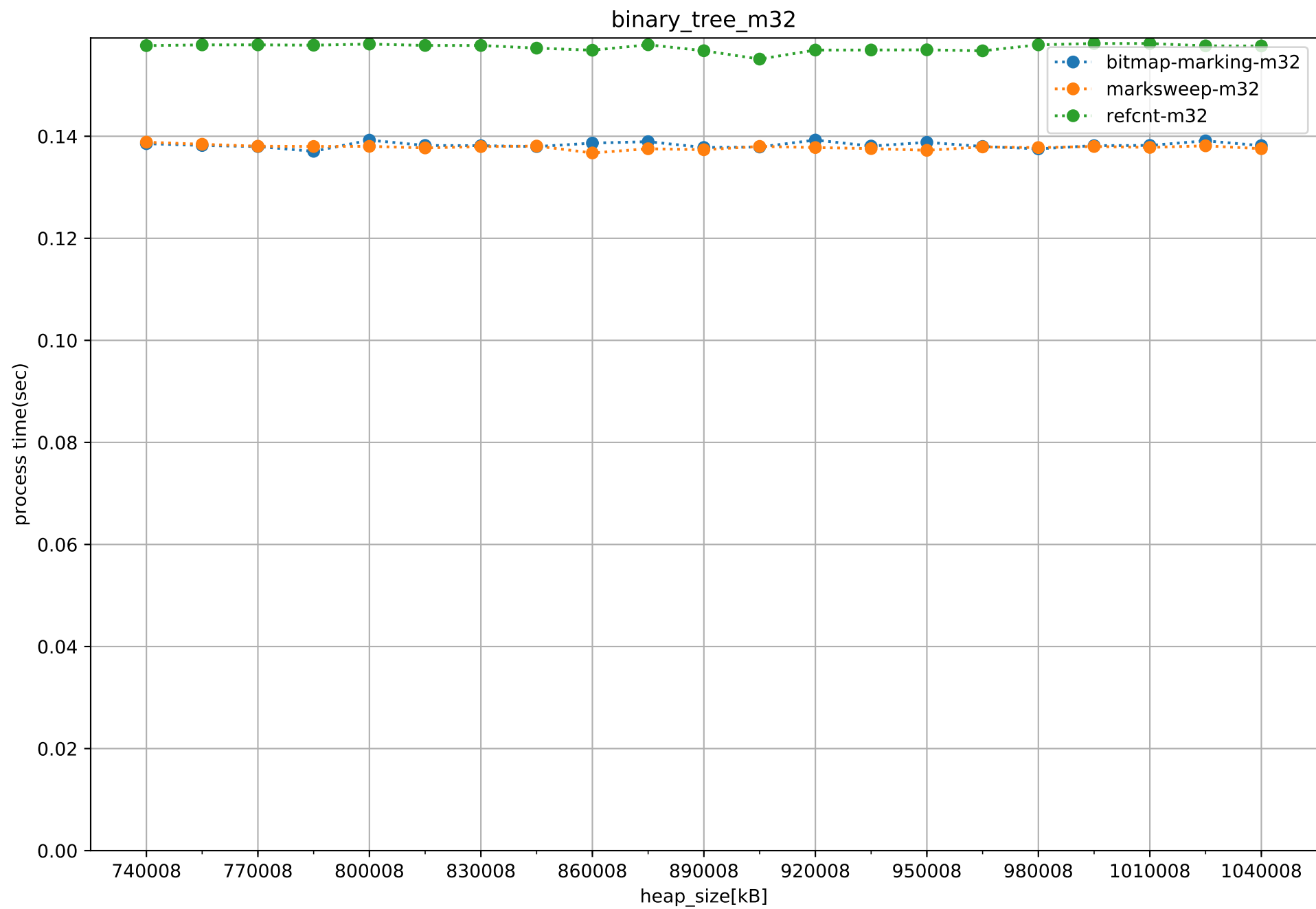
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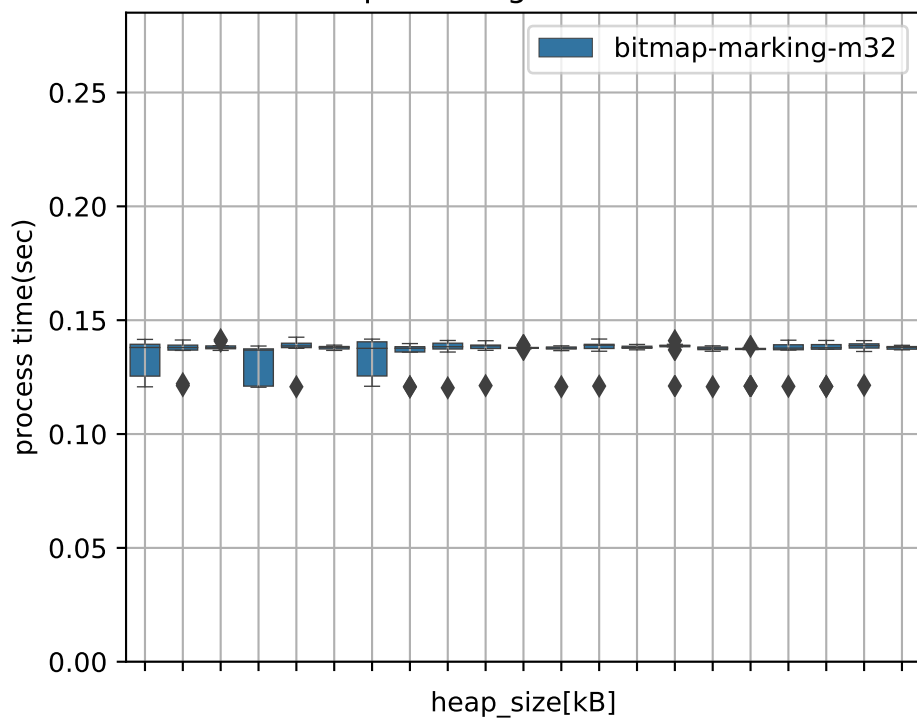
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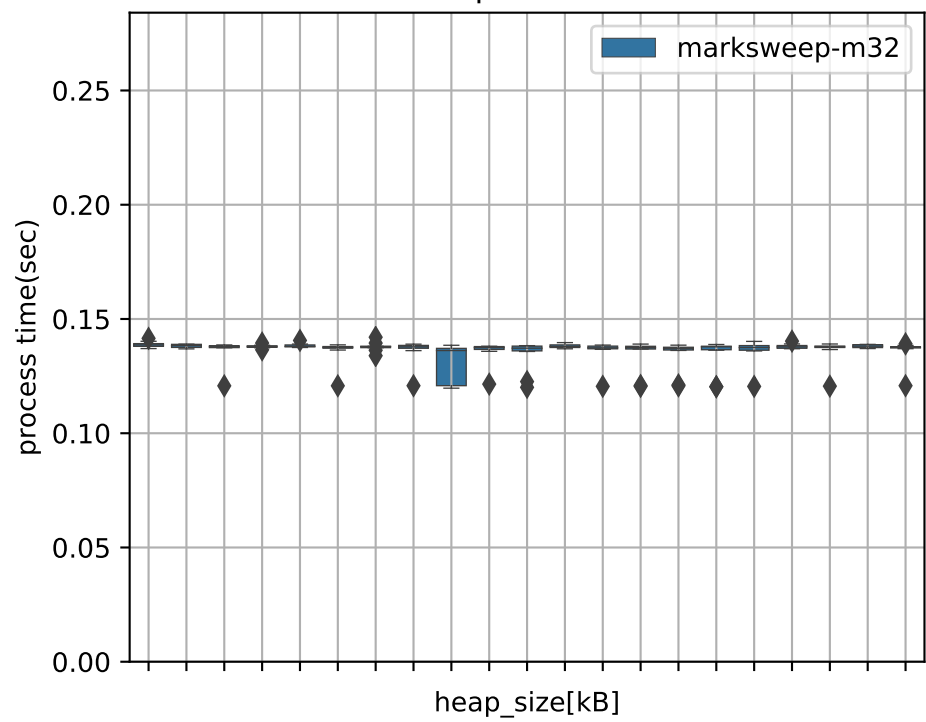




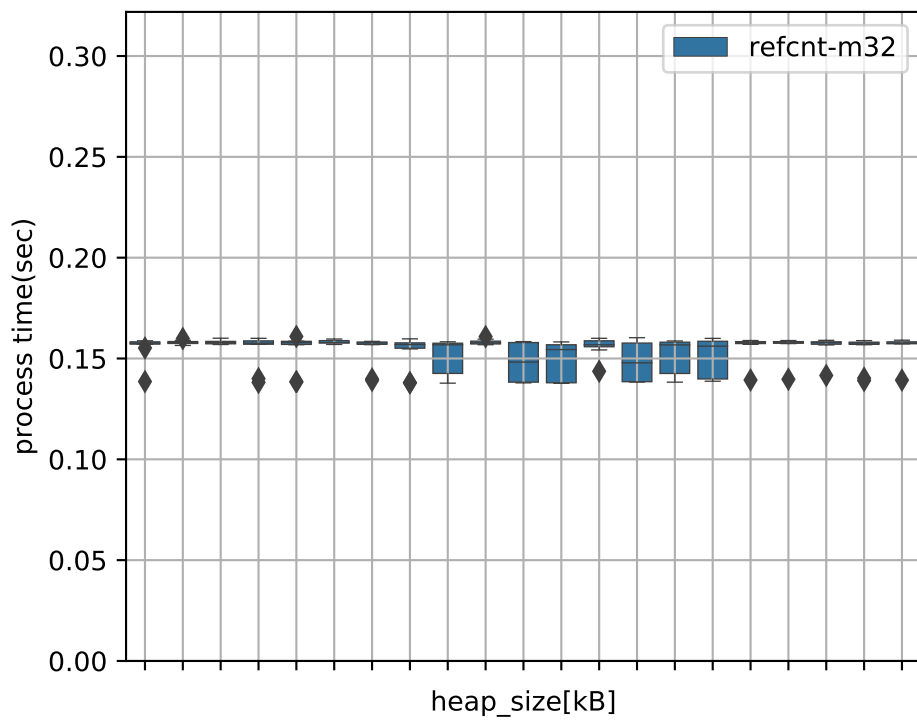
bitmap-marking-m32 total time

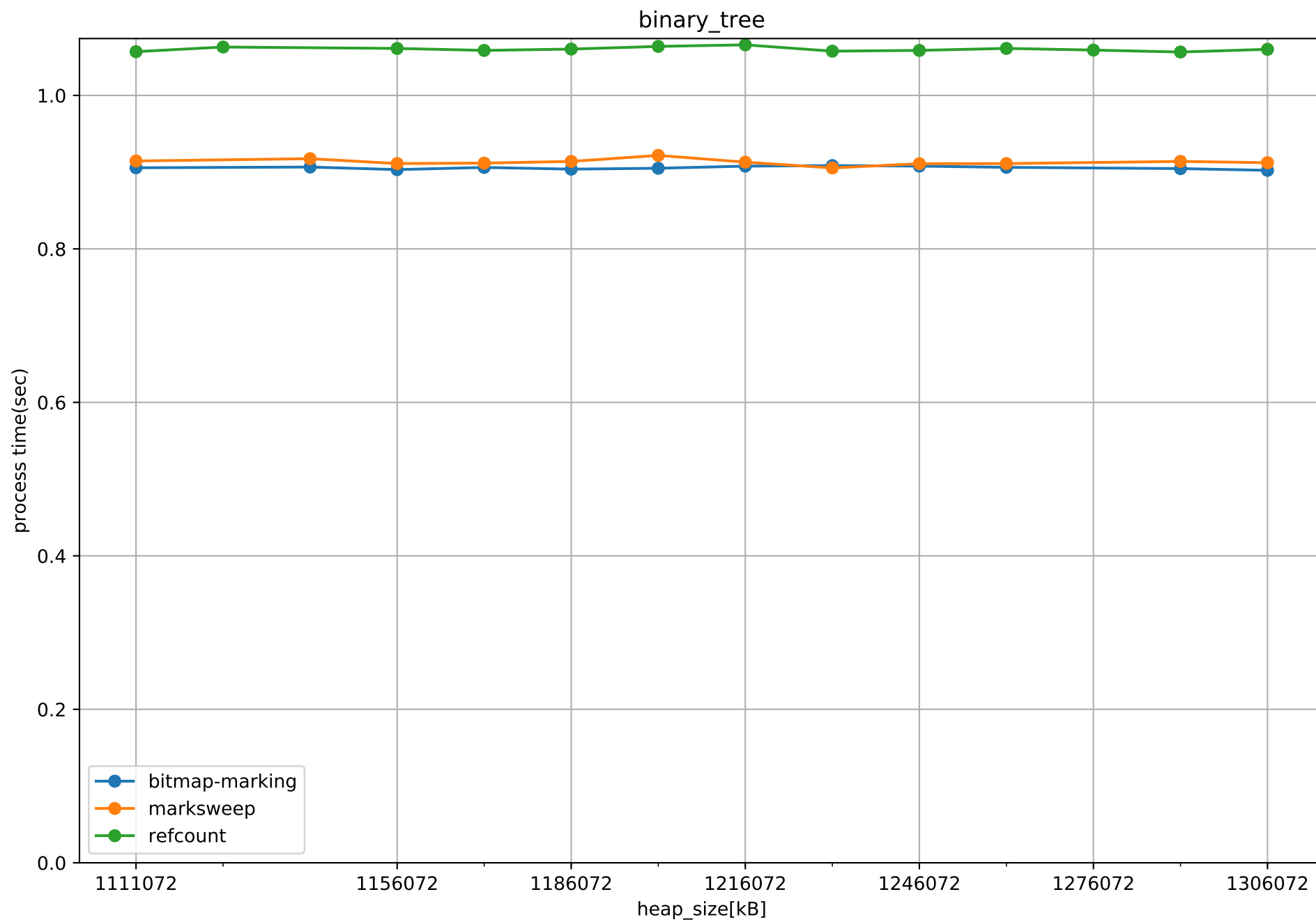


marksweep-m32 total time

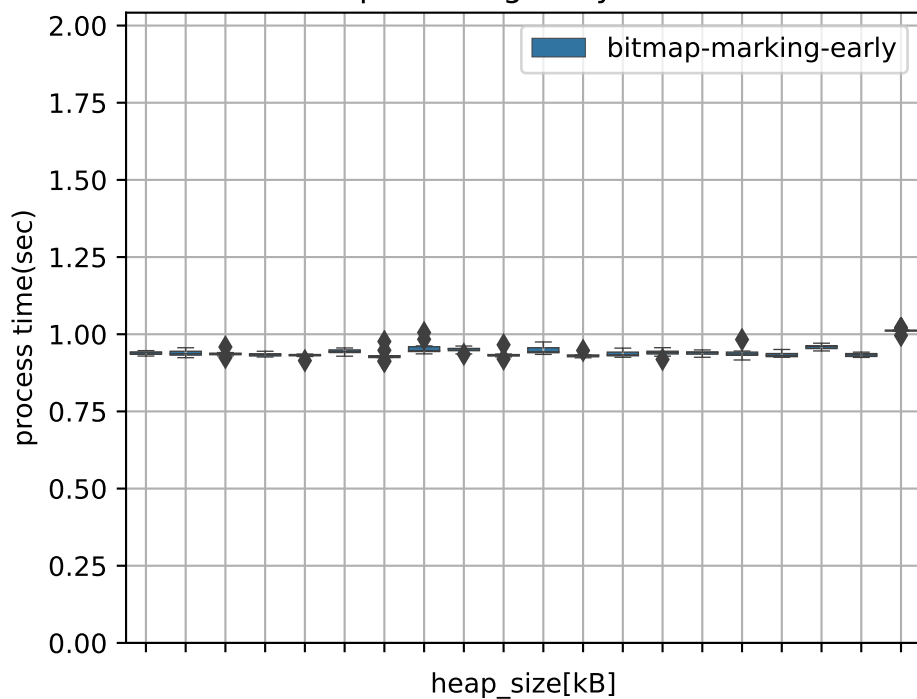


refcnt-m32 total time

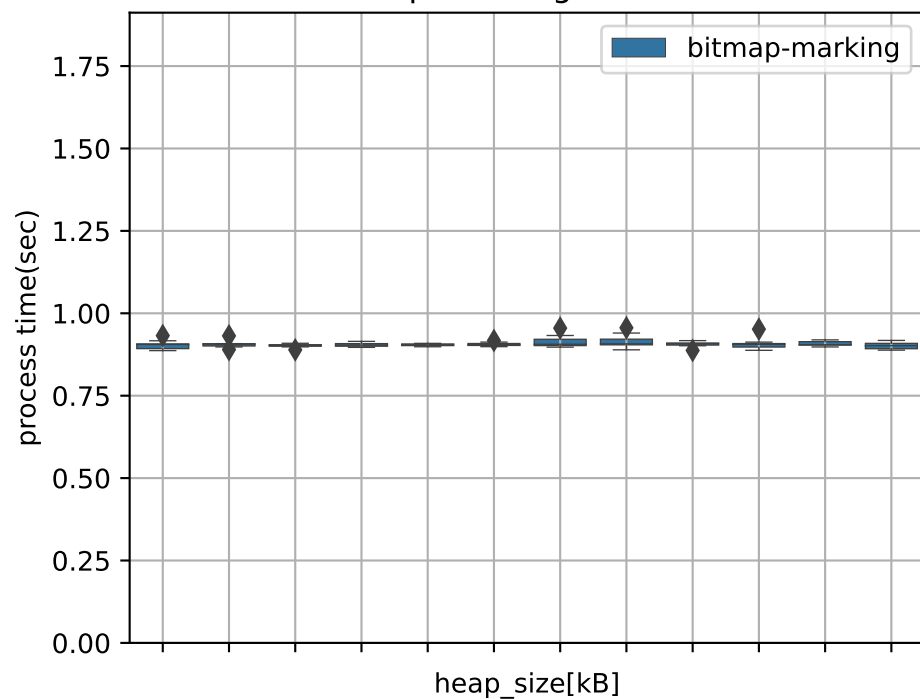




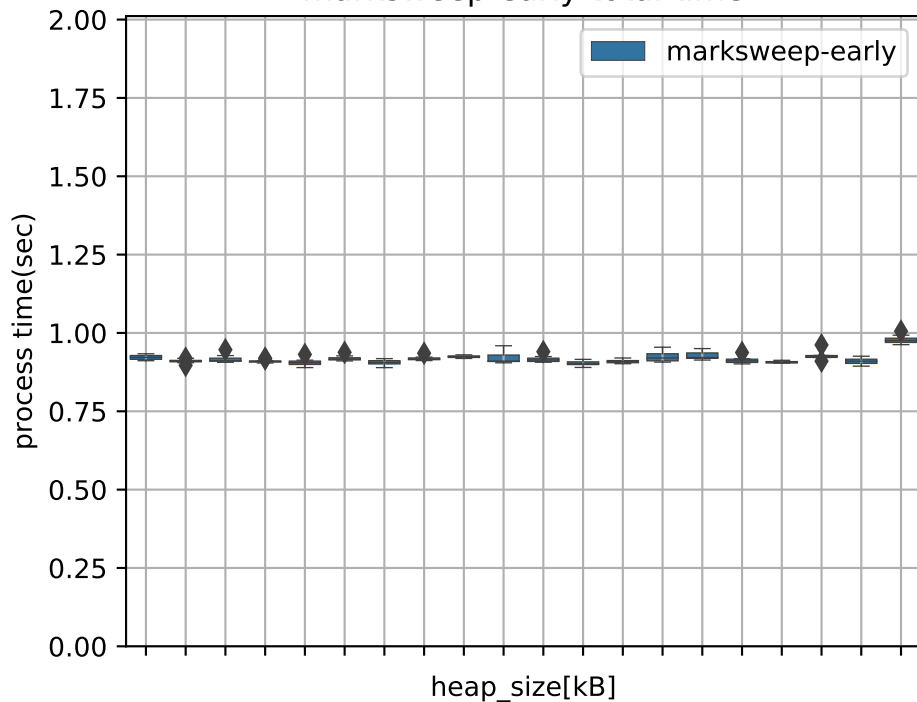
bitmap-marking-early total time



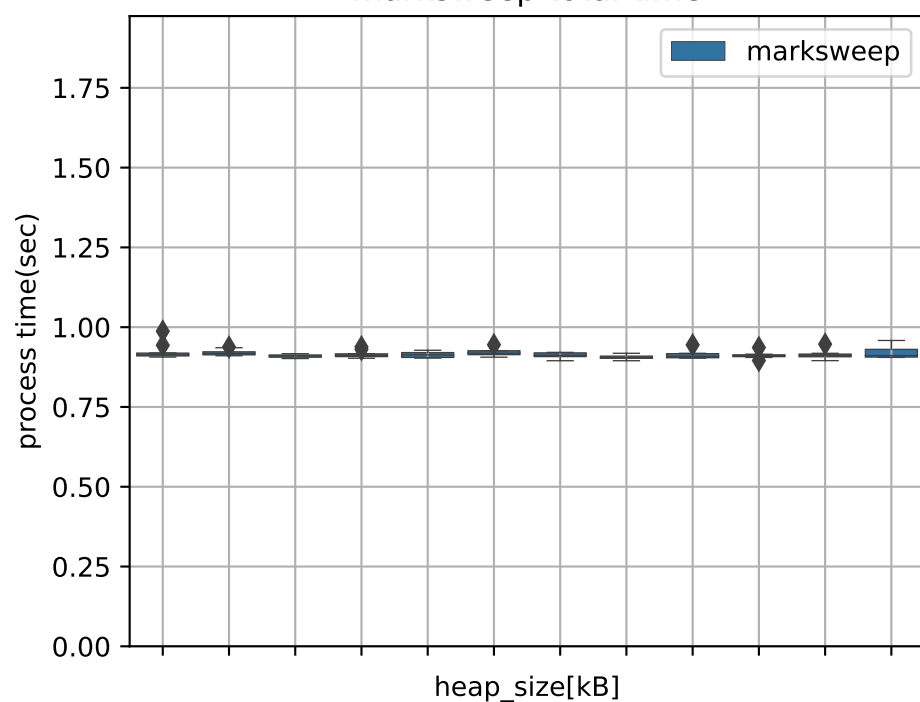
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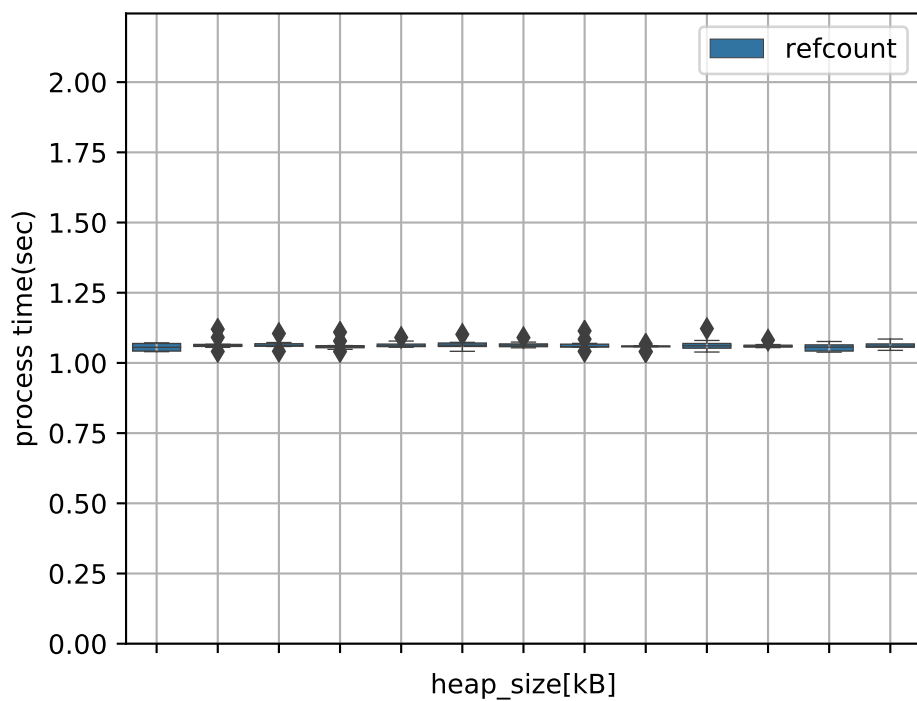
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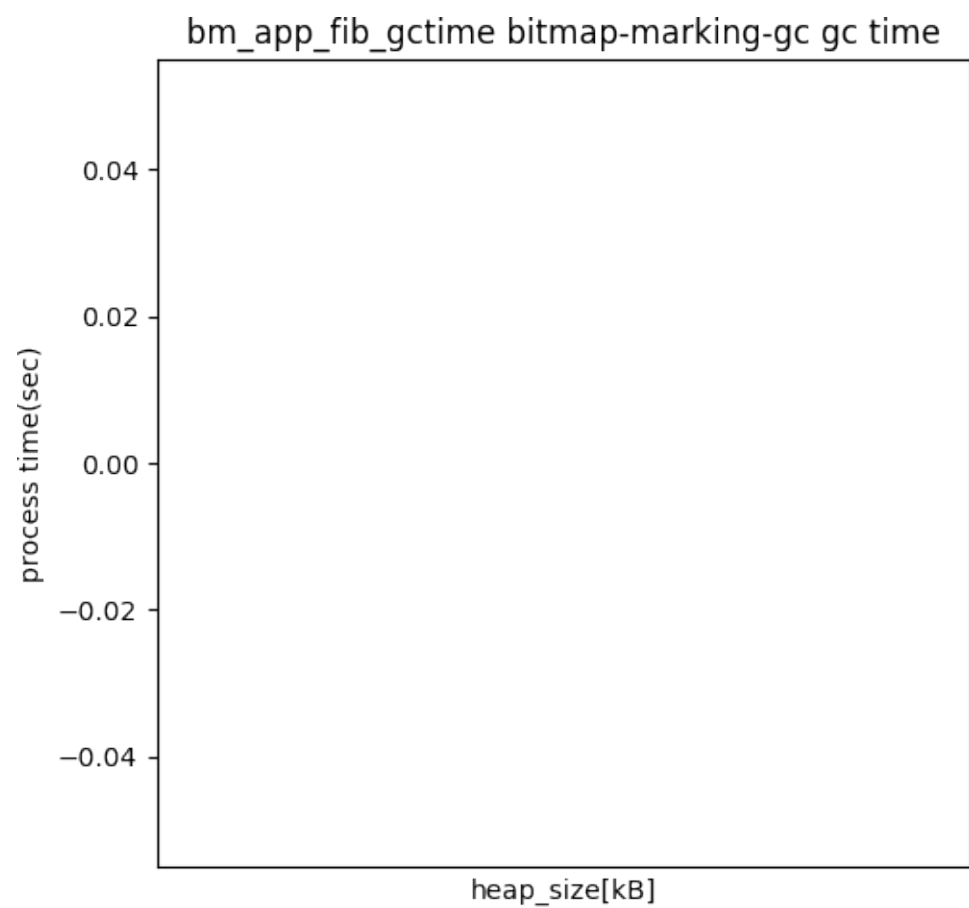
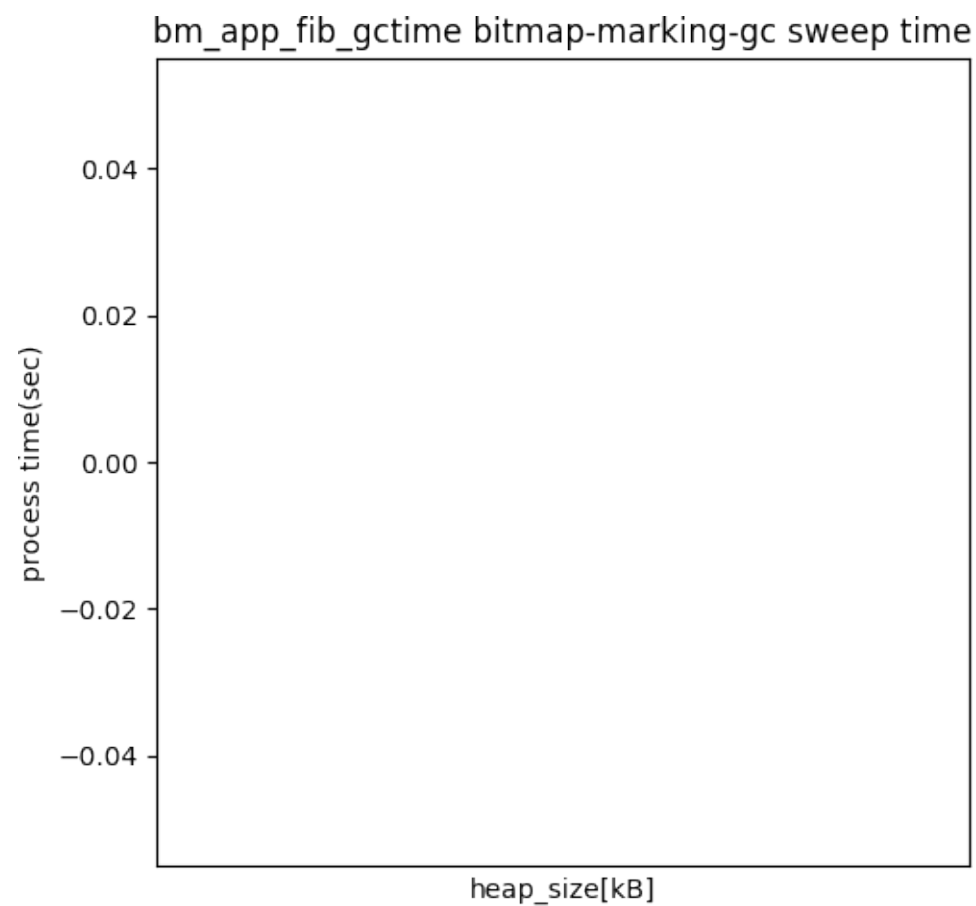
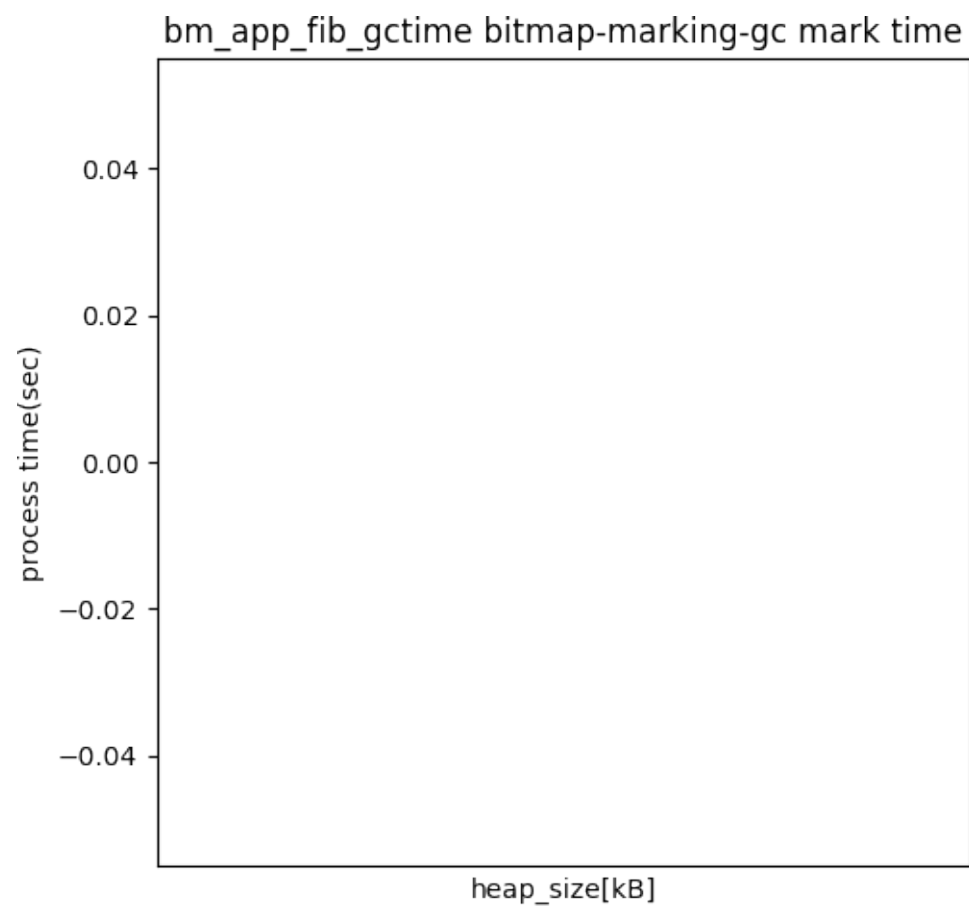


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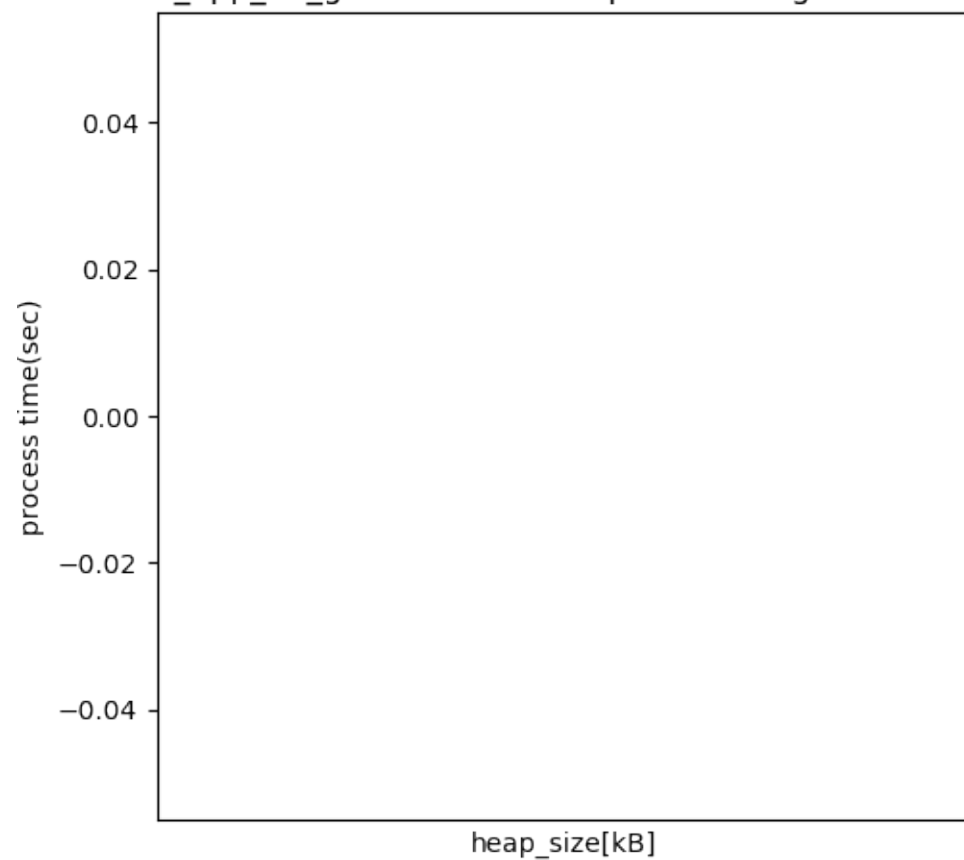


refcount total time

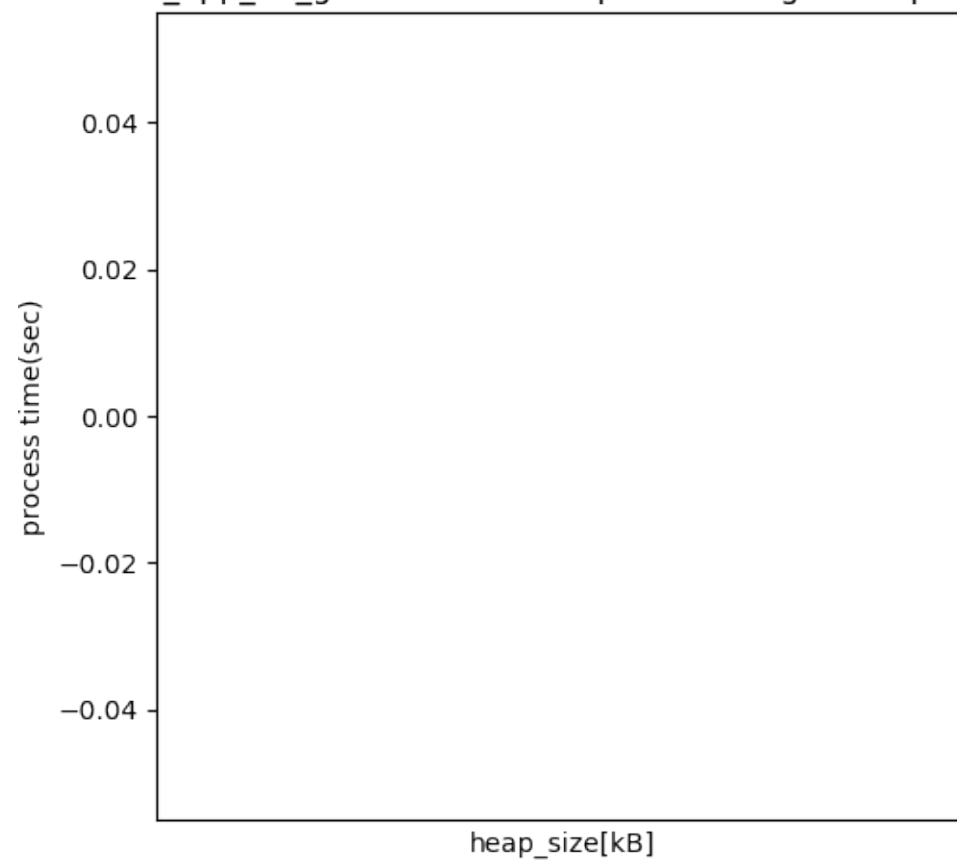




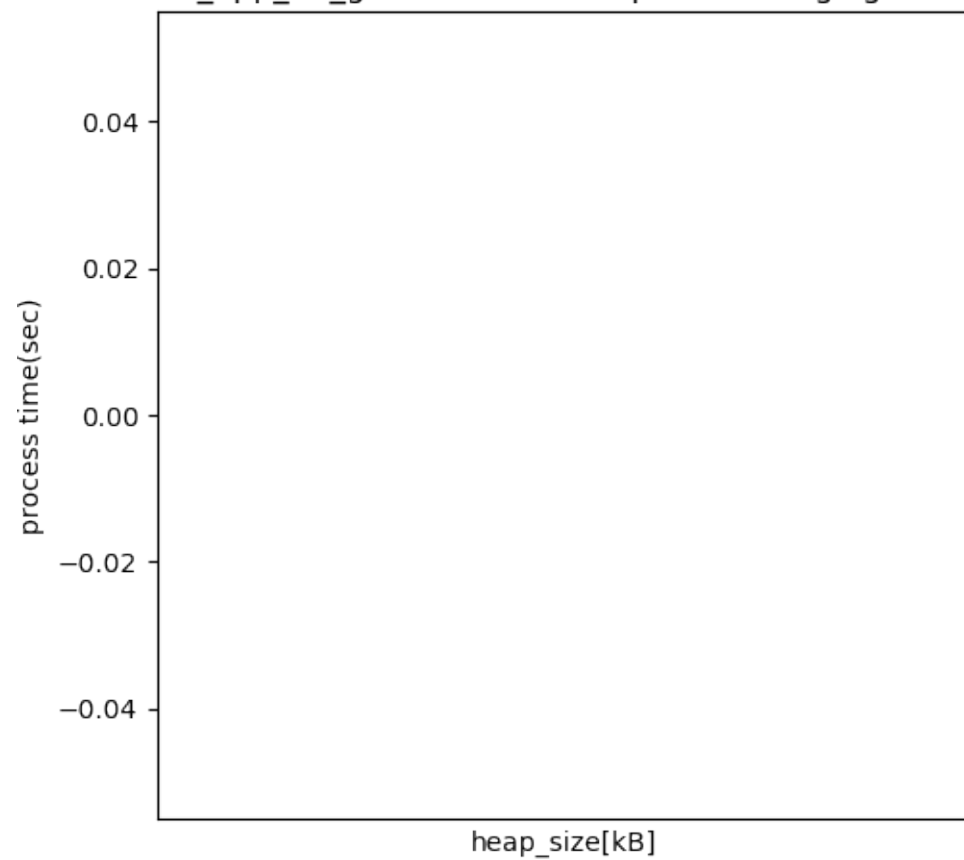
bm_app_fib_gctime markswEEP-measure-gc mark time

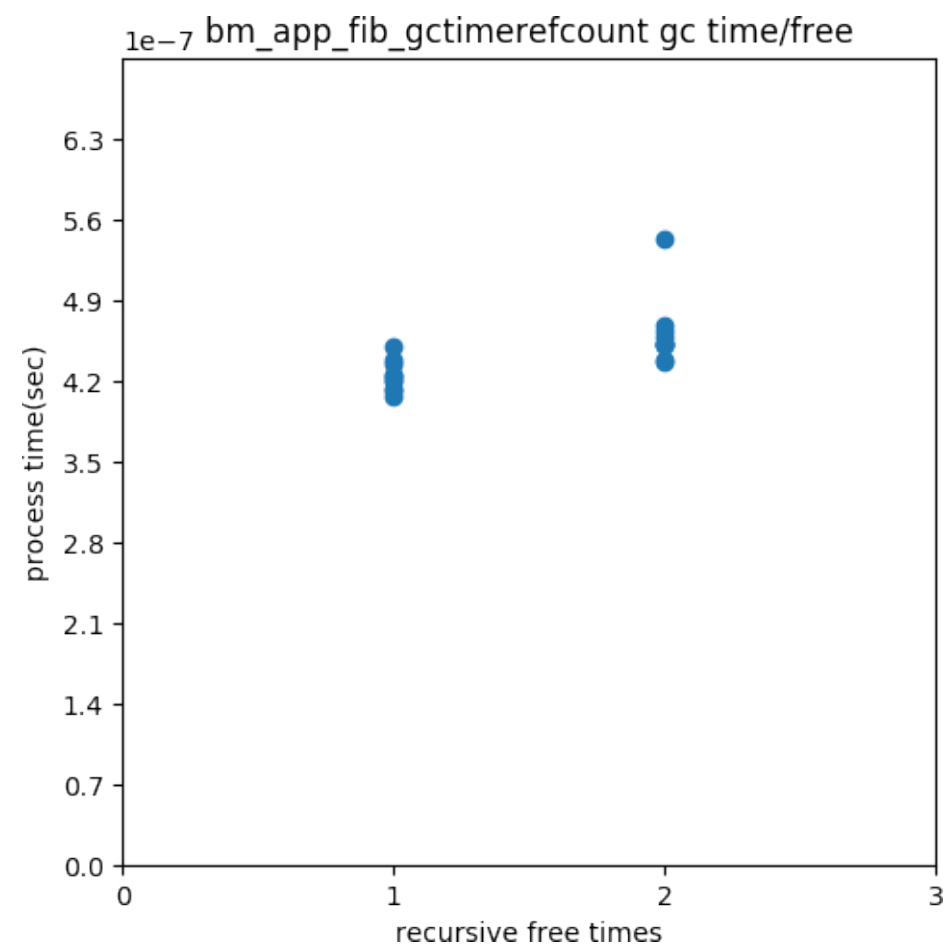
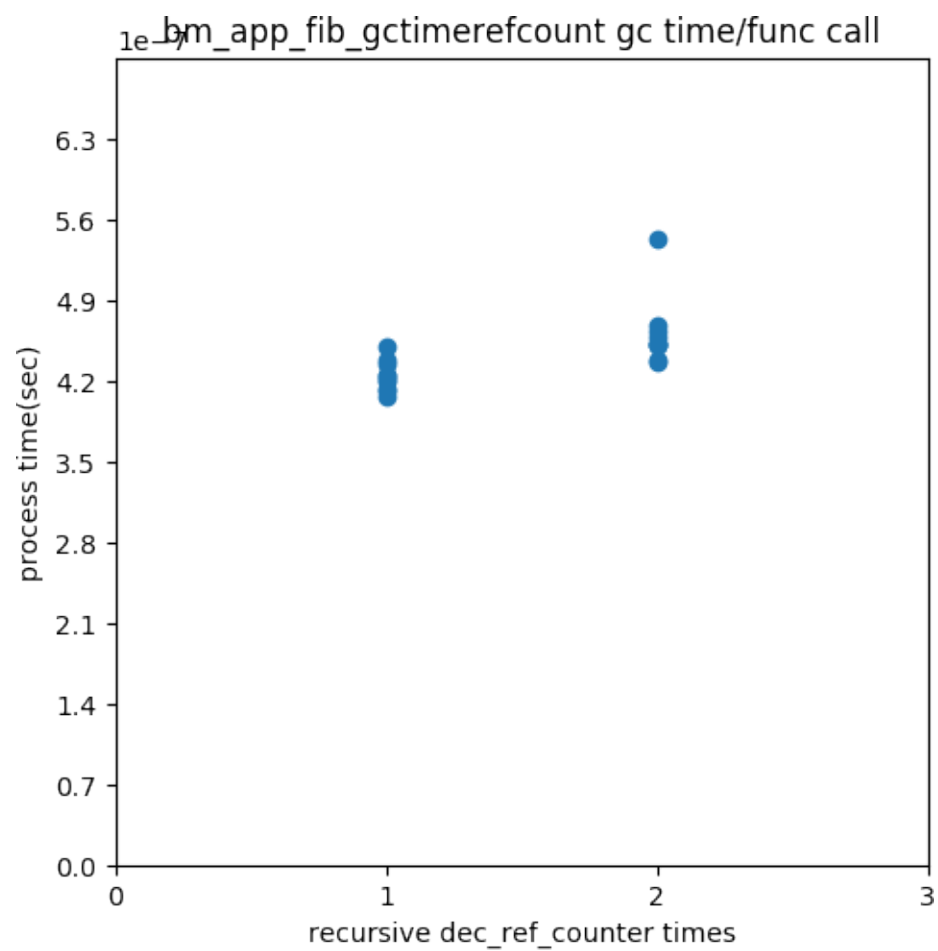


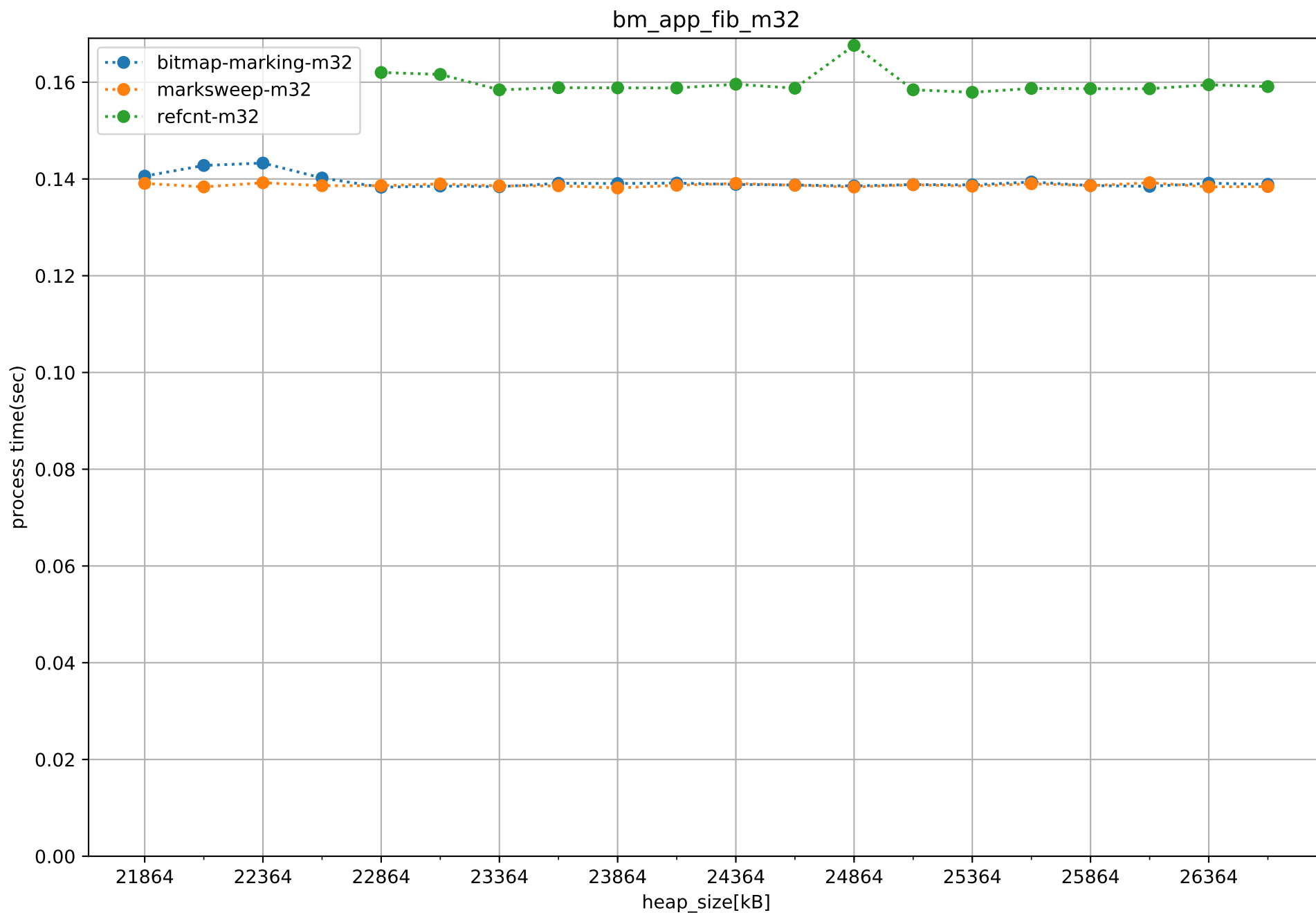
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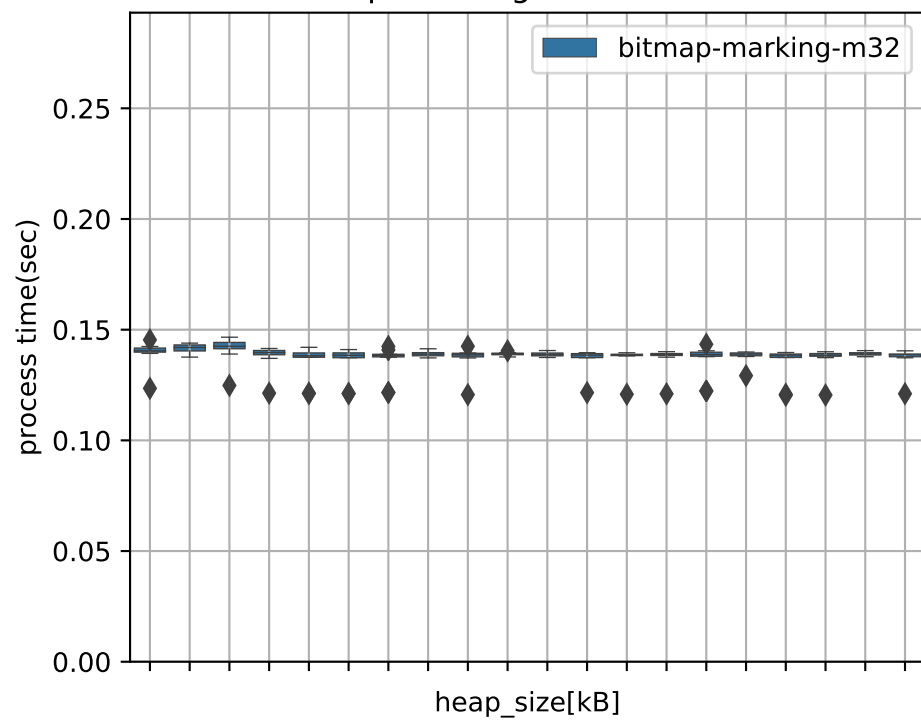
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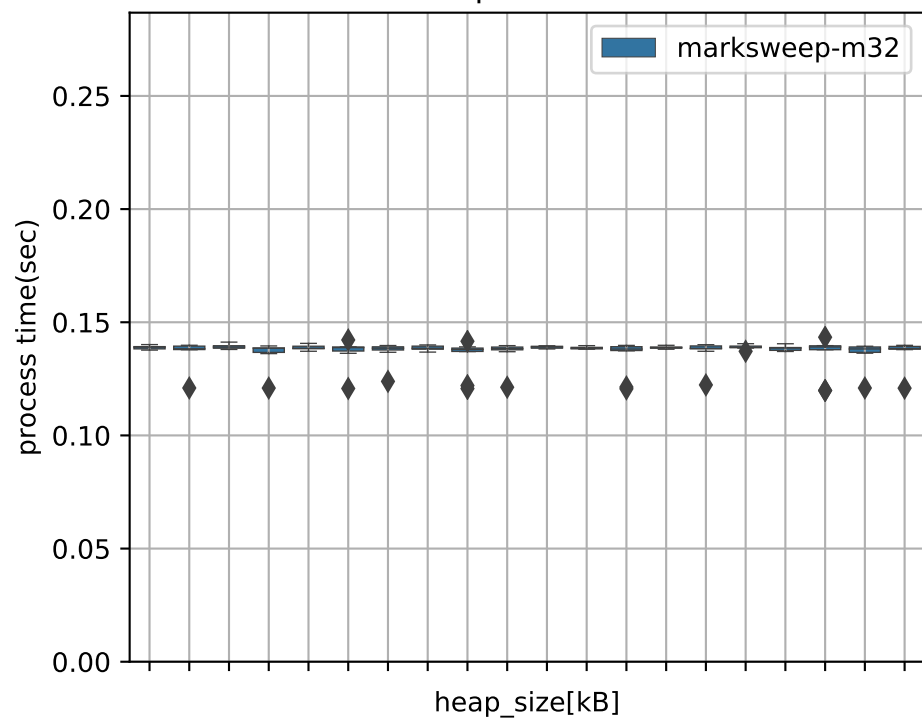




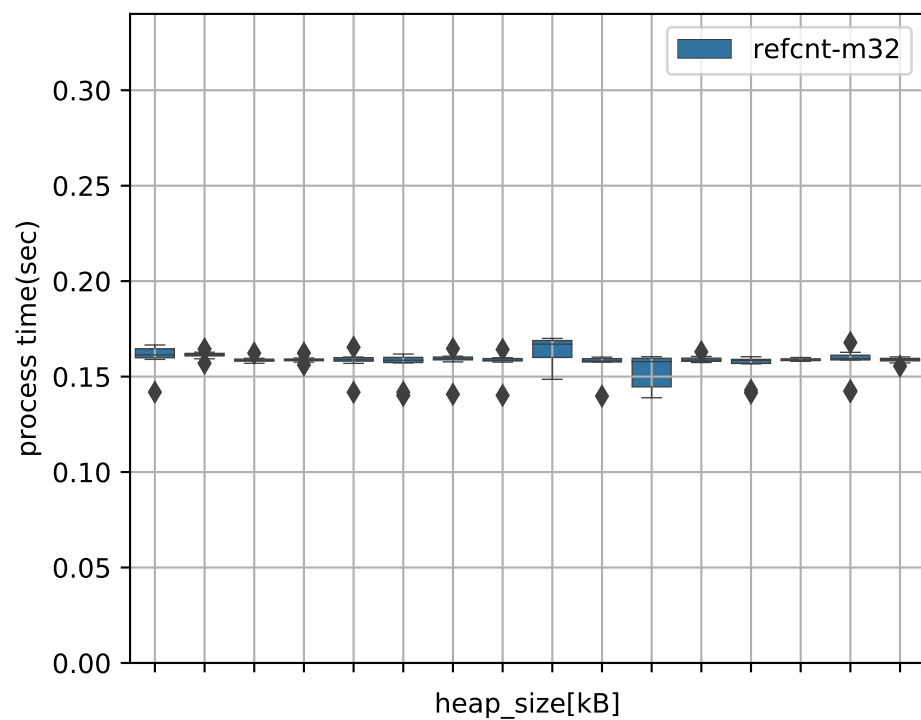
bitmap-marking-m32 total time

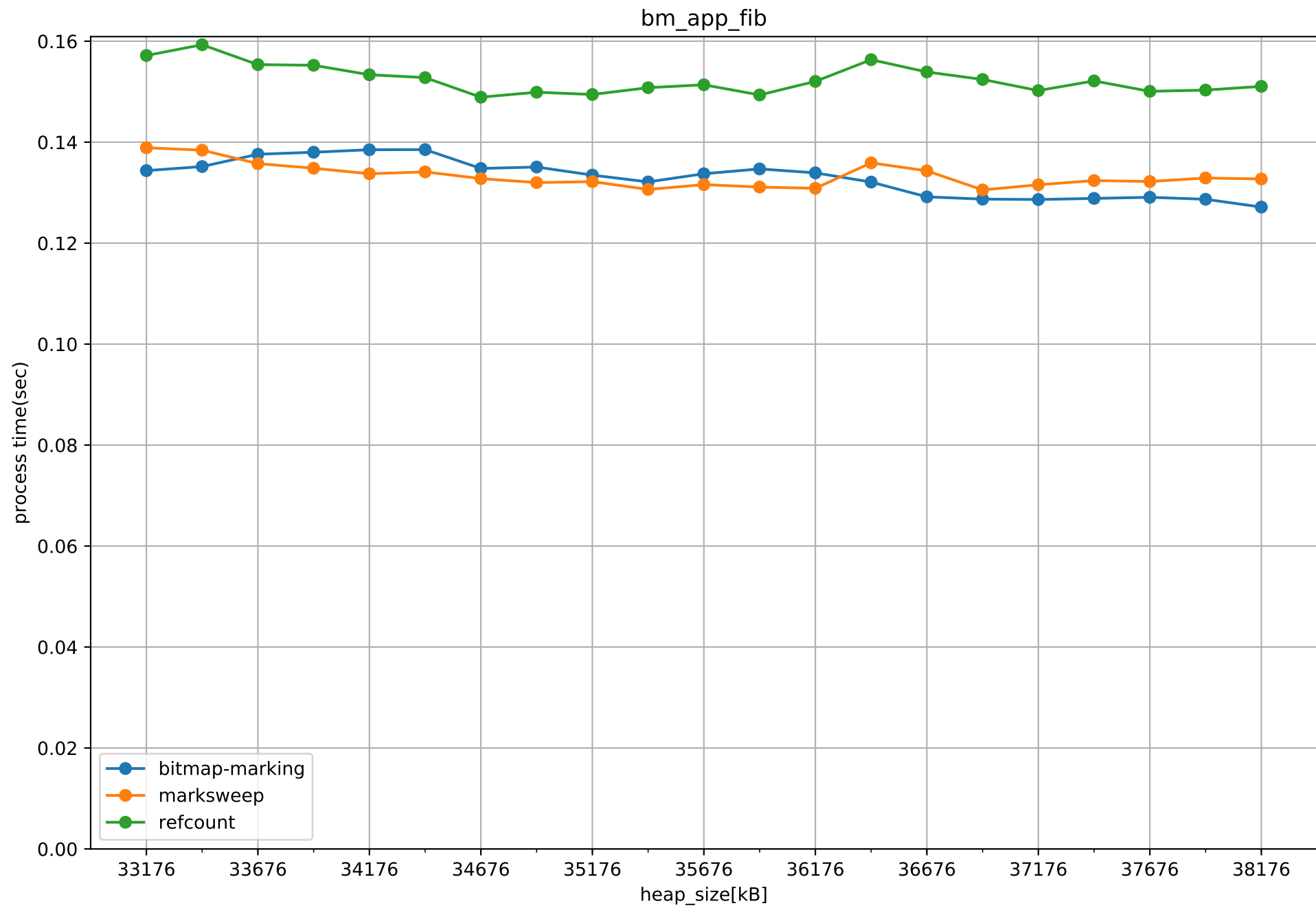


marksweep-m32 total time

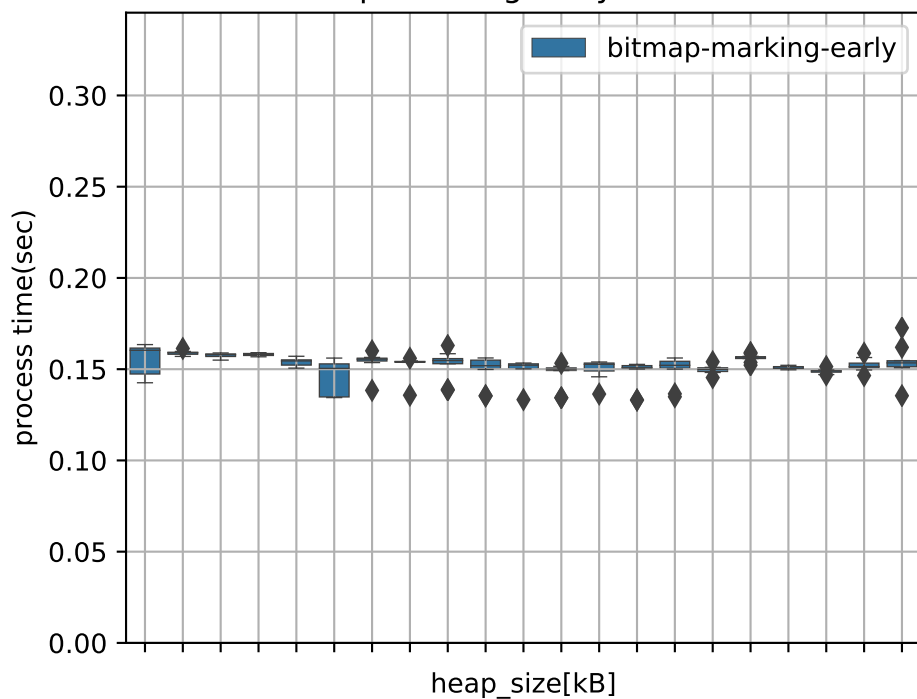


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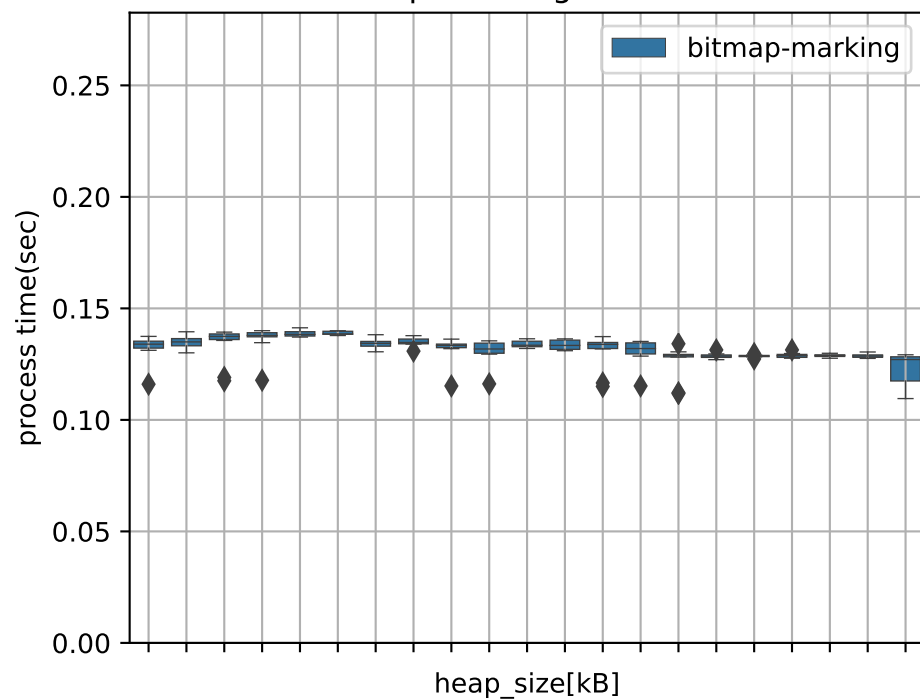




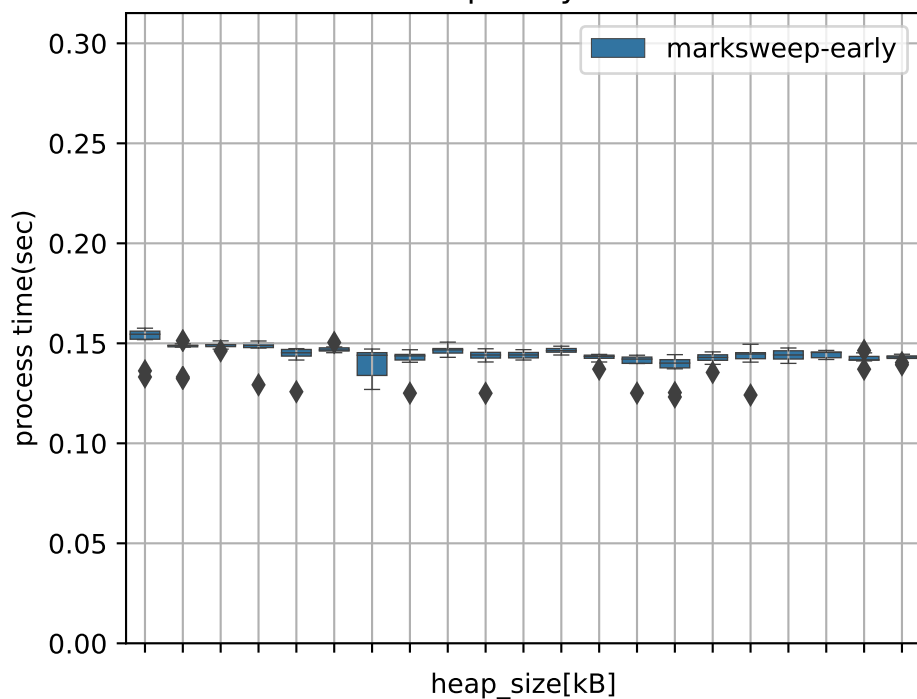
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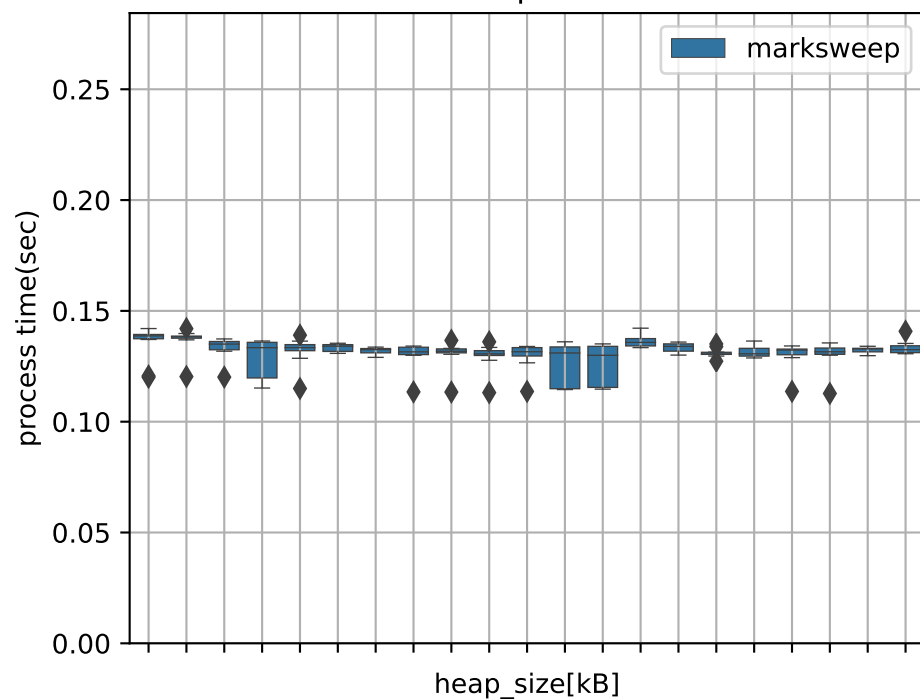
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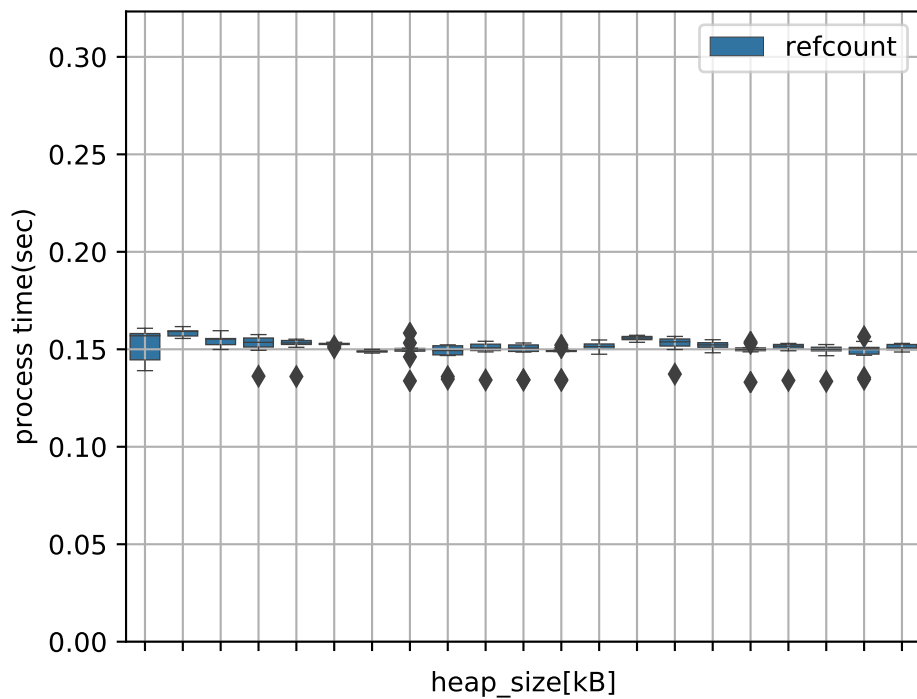
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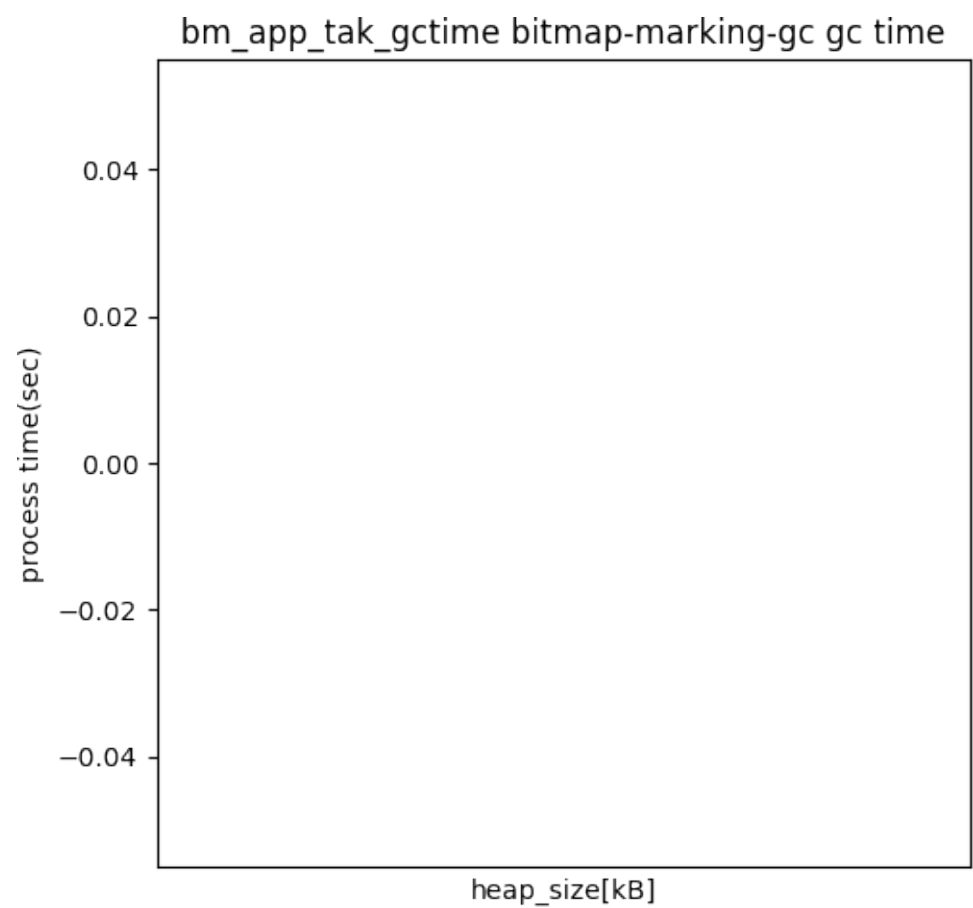
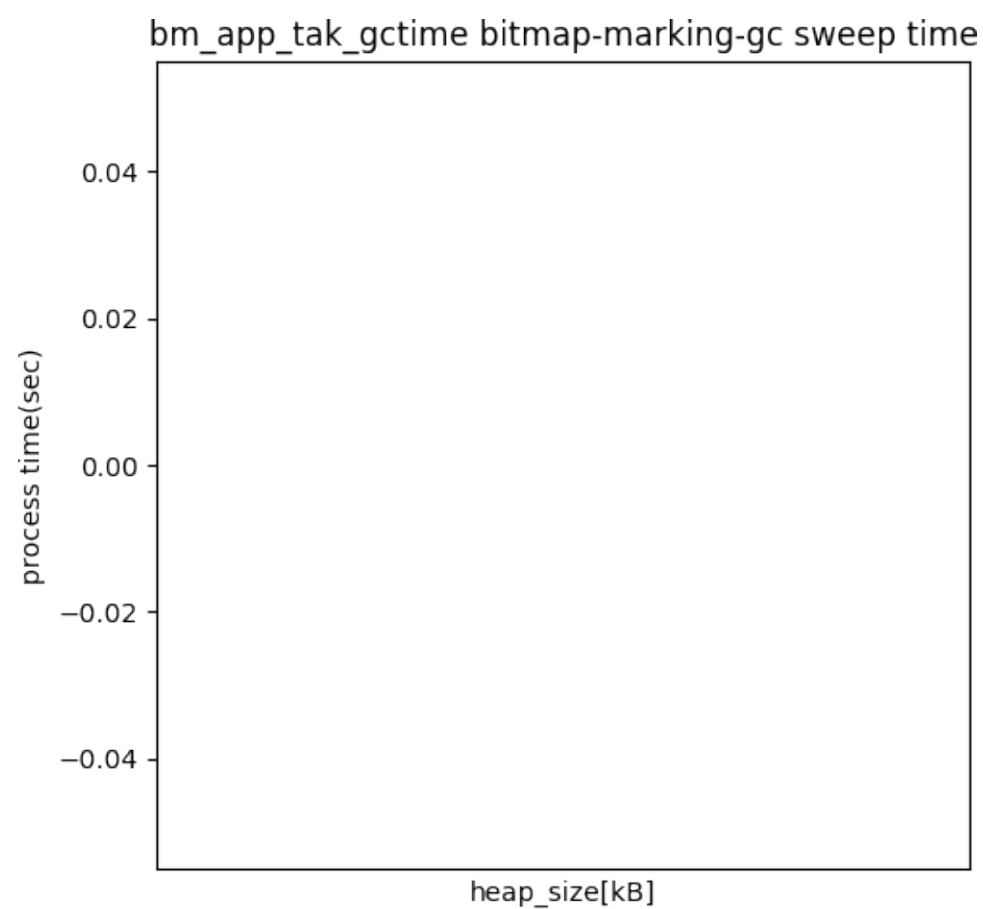
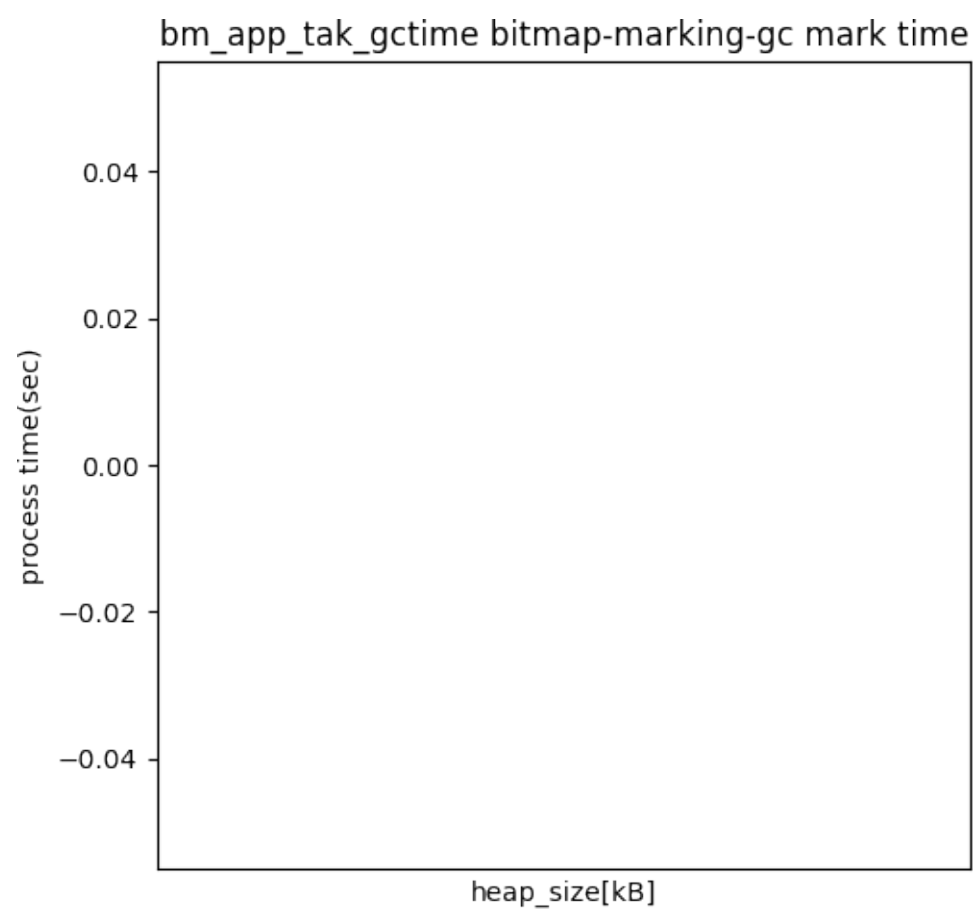


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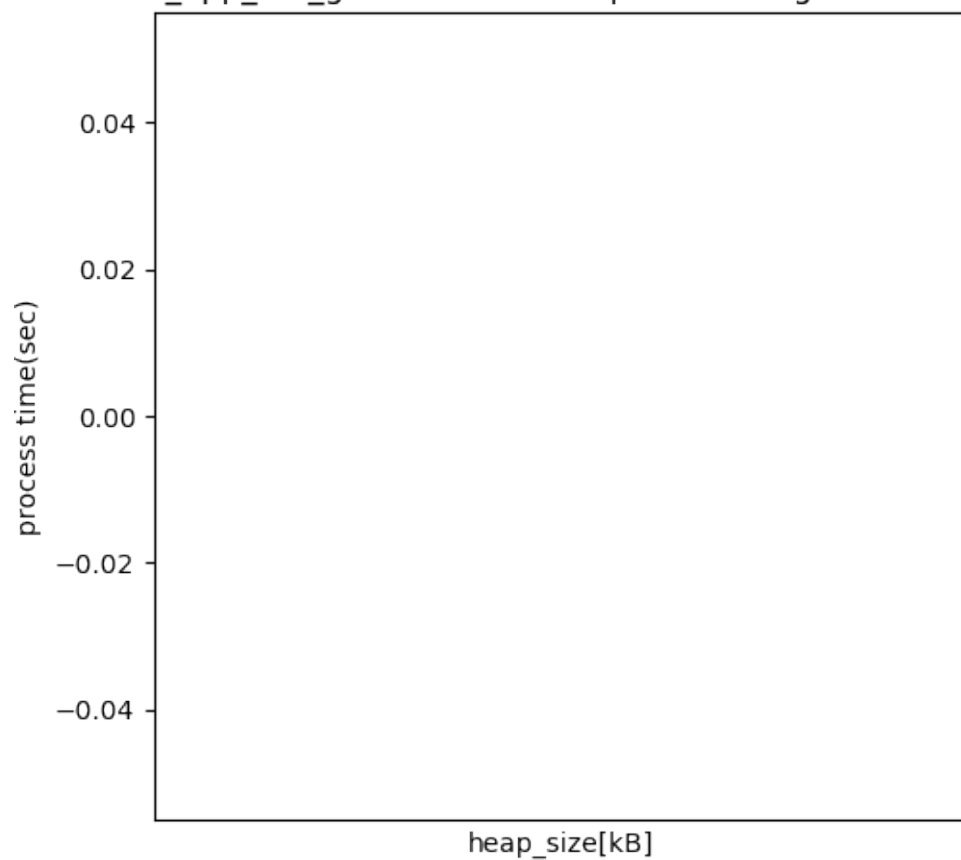


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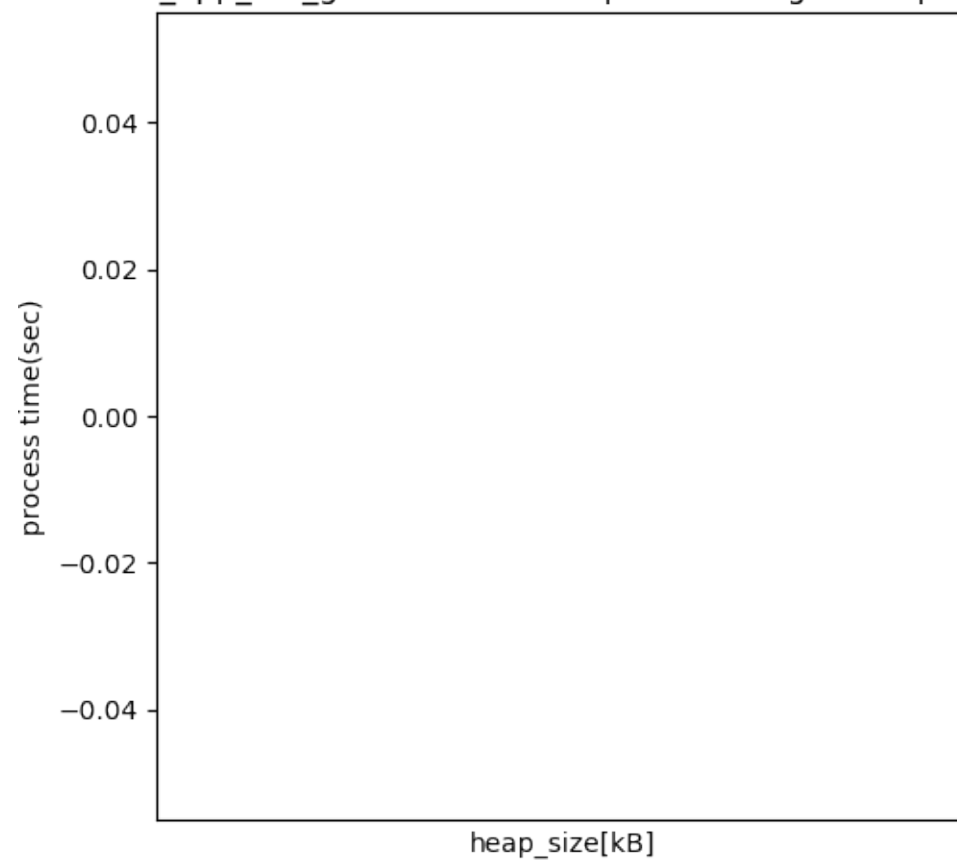




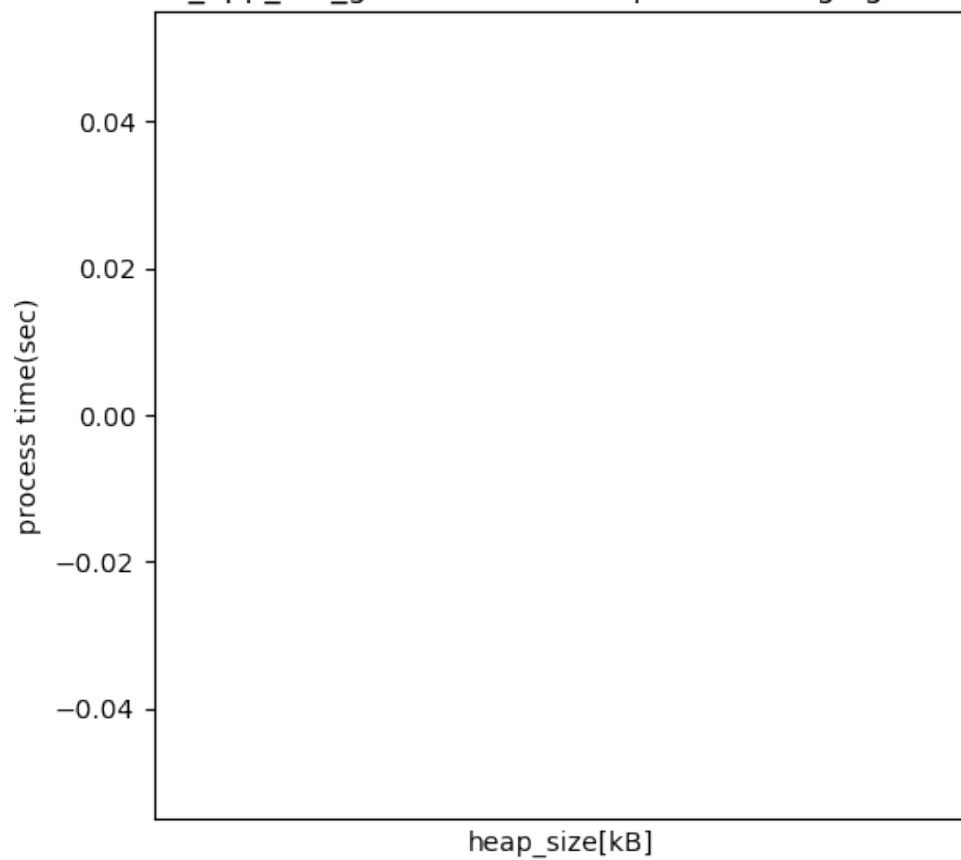
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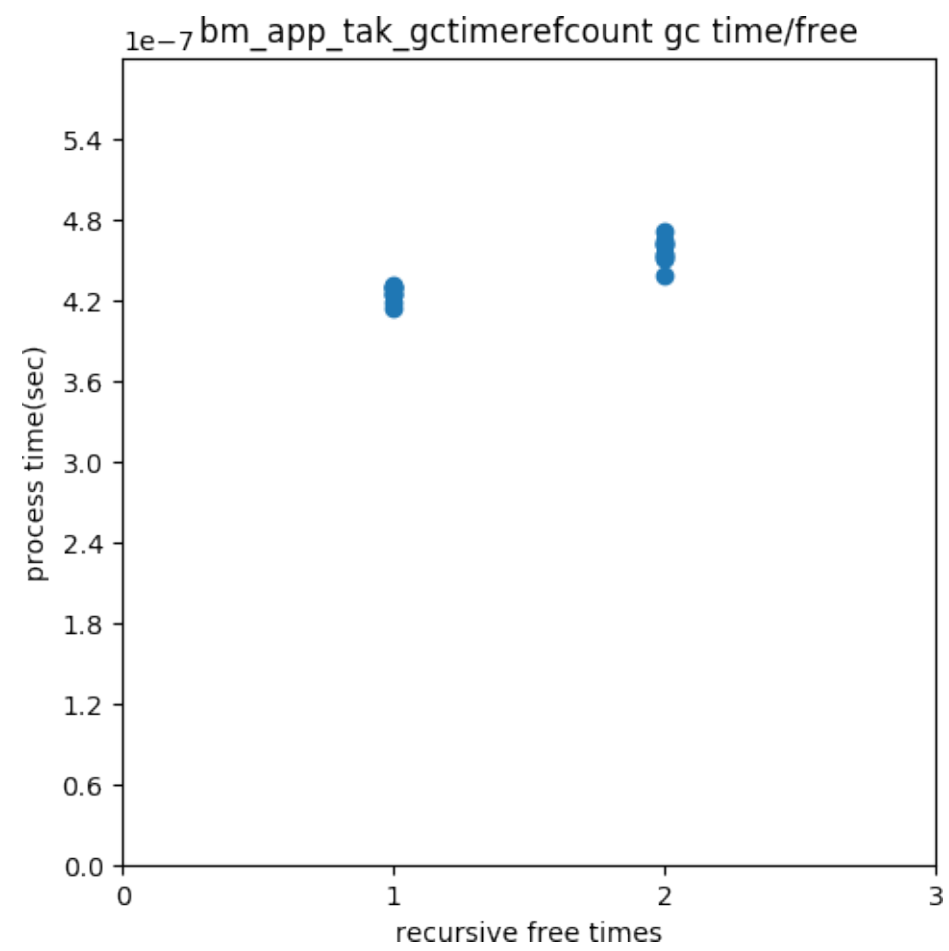
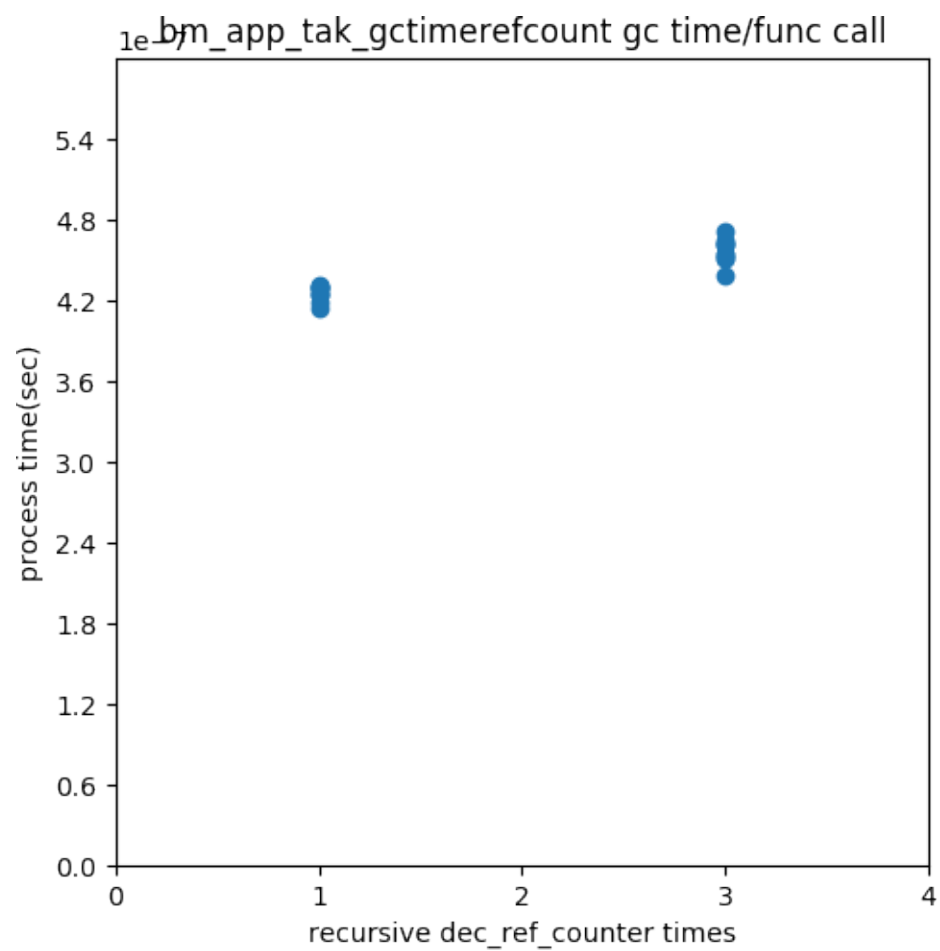


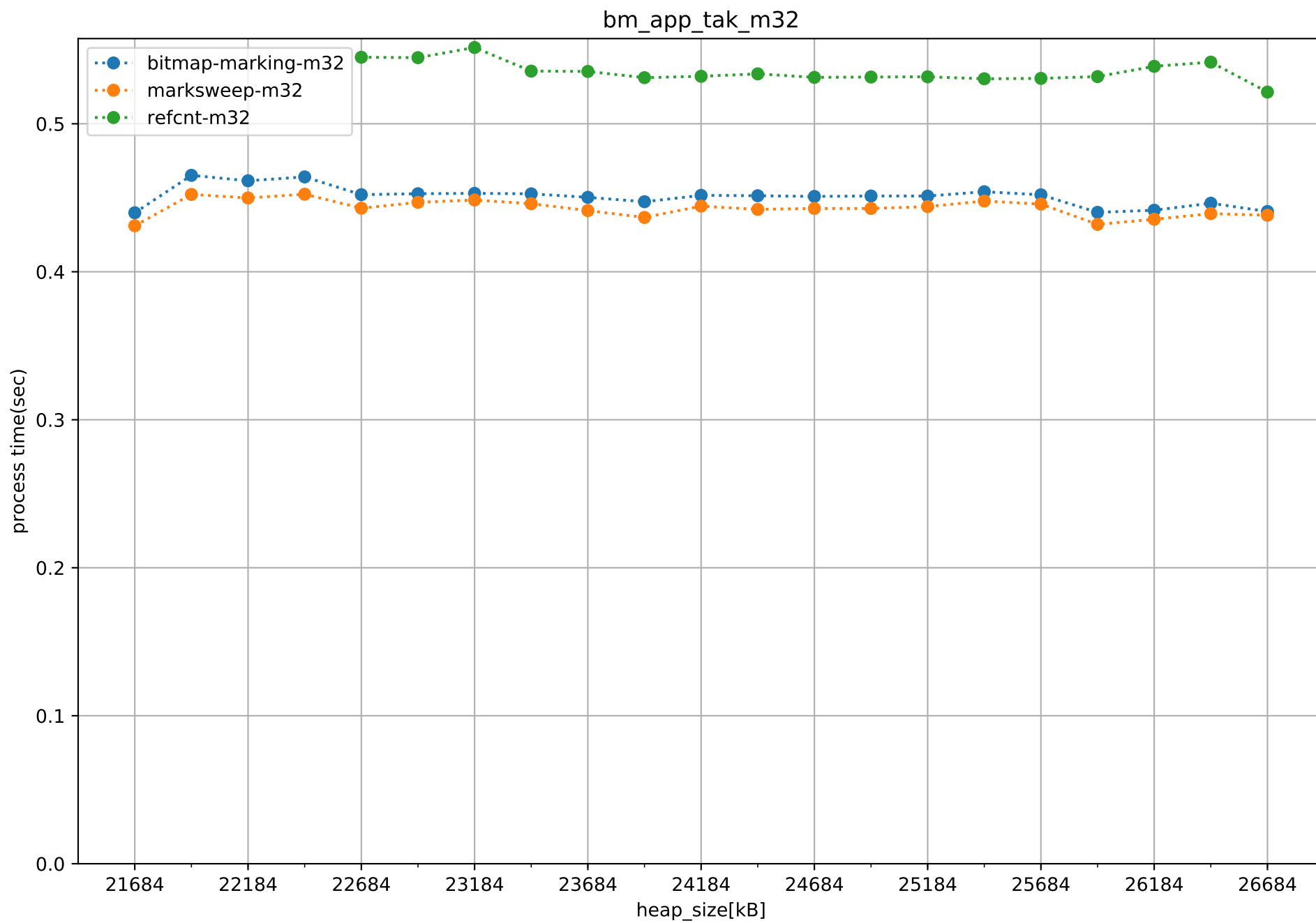
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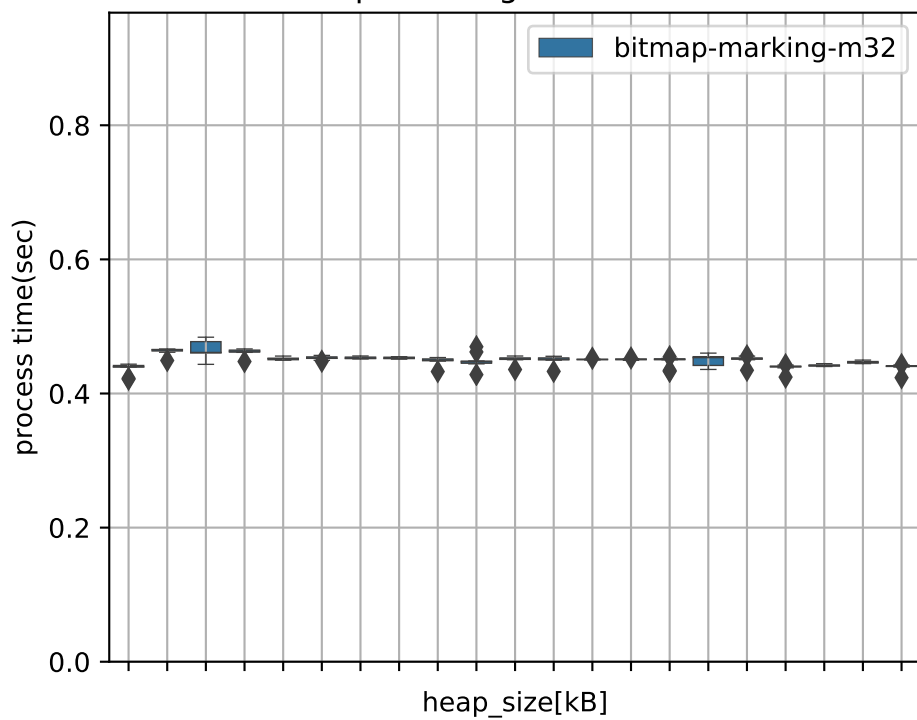
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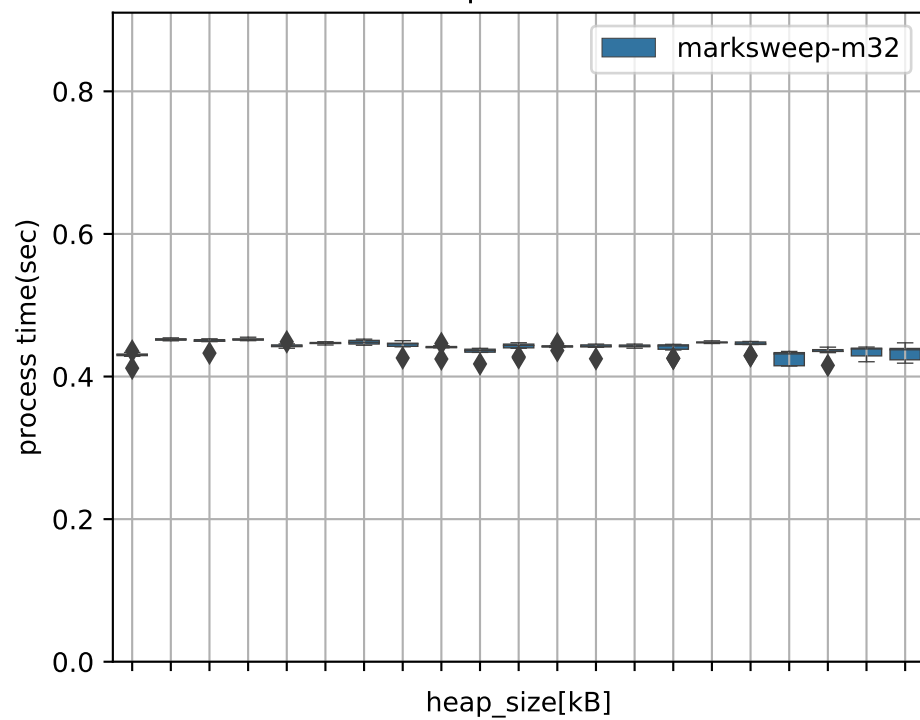




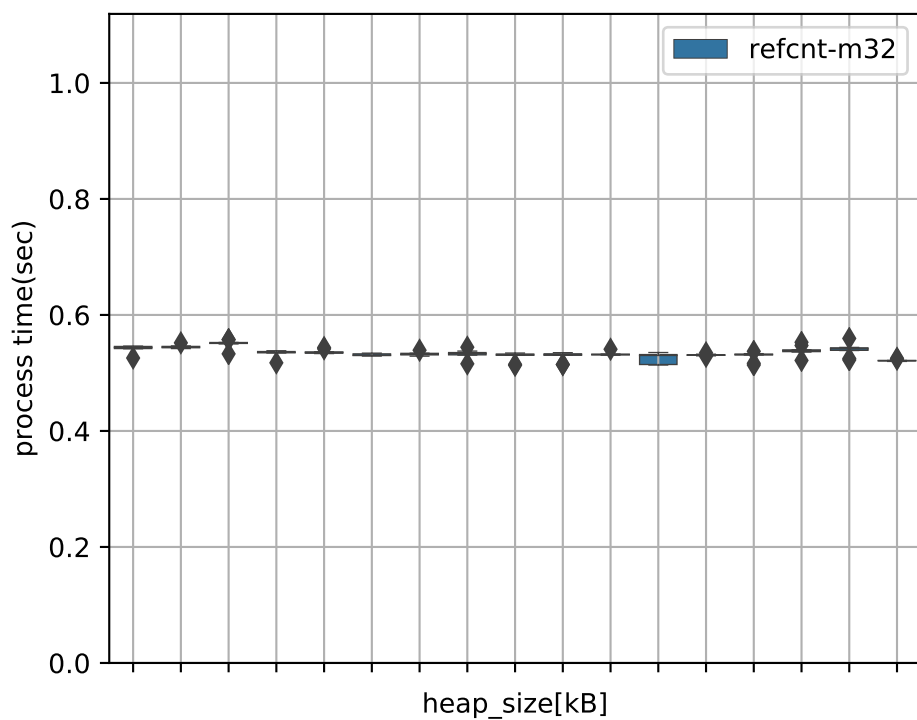
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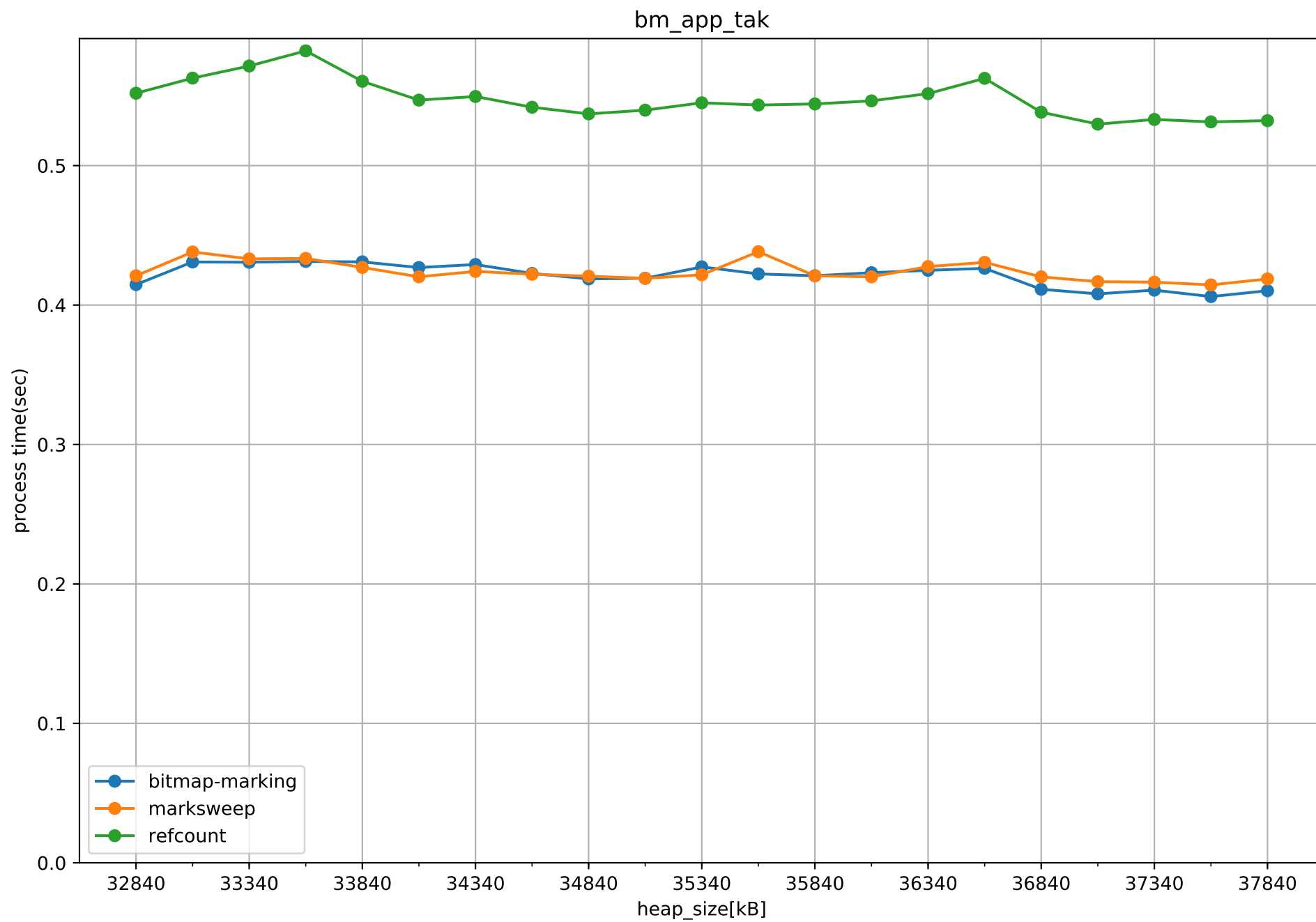


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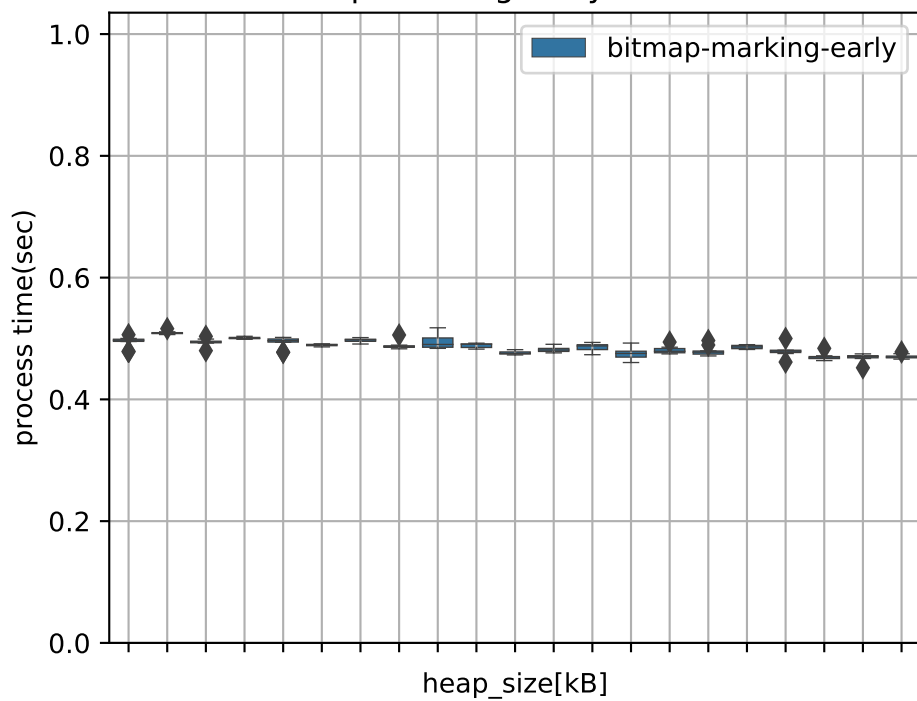


refcnt-m32 total time

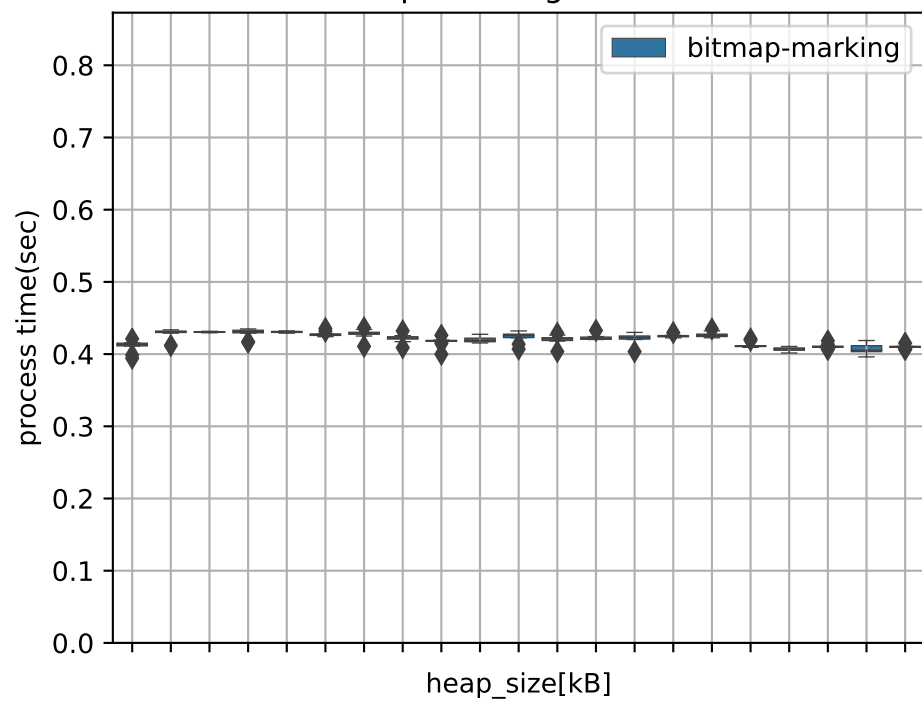




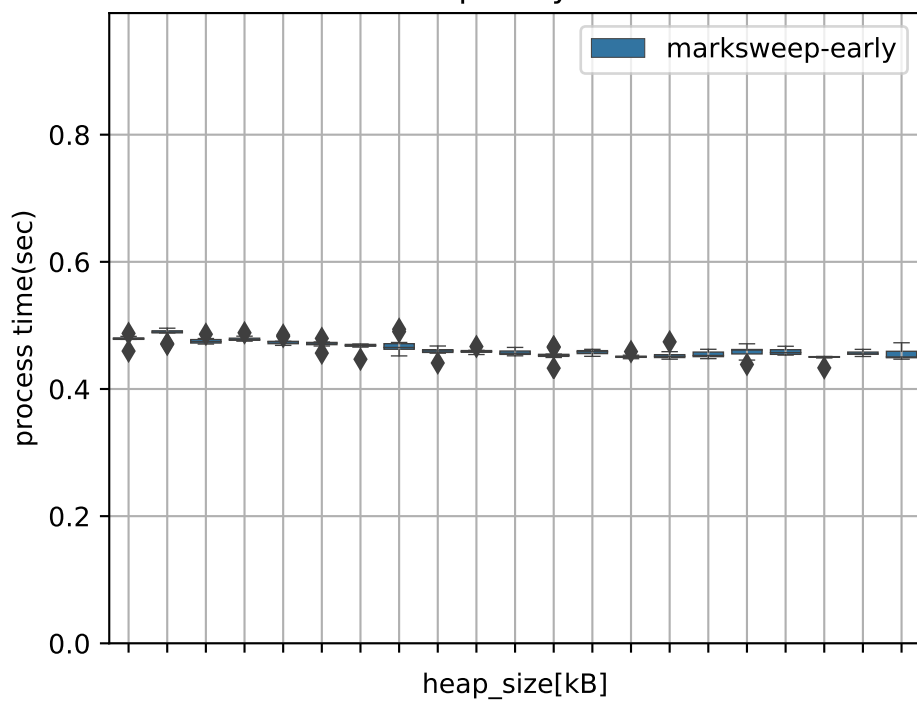
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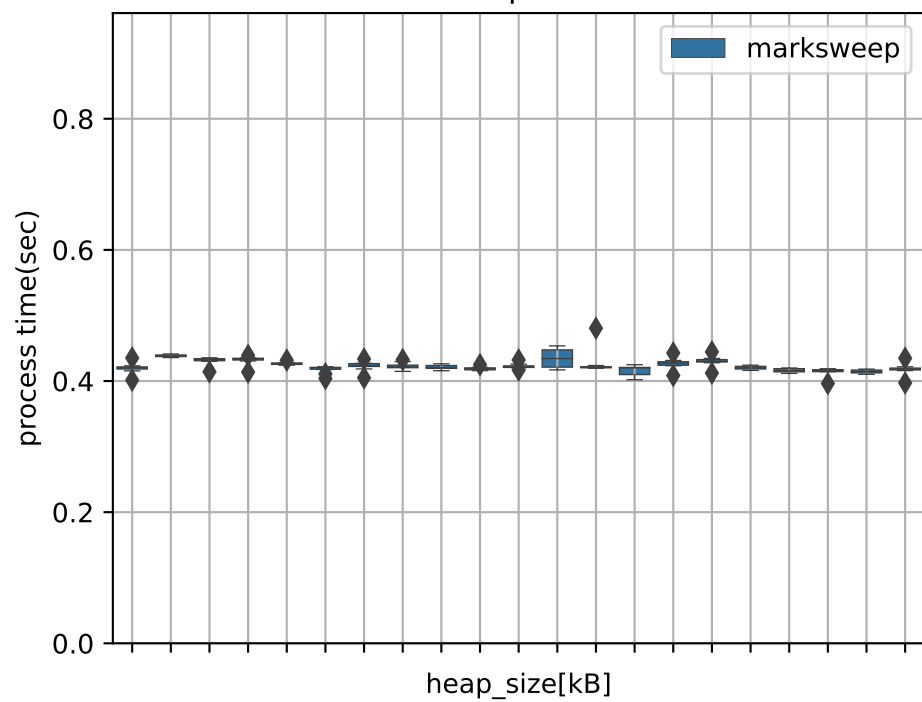
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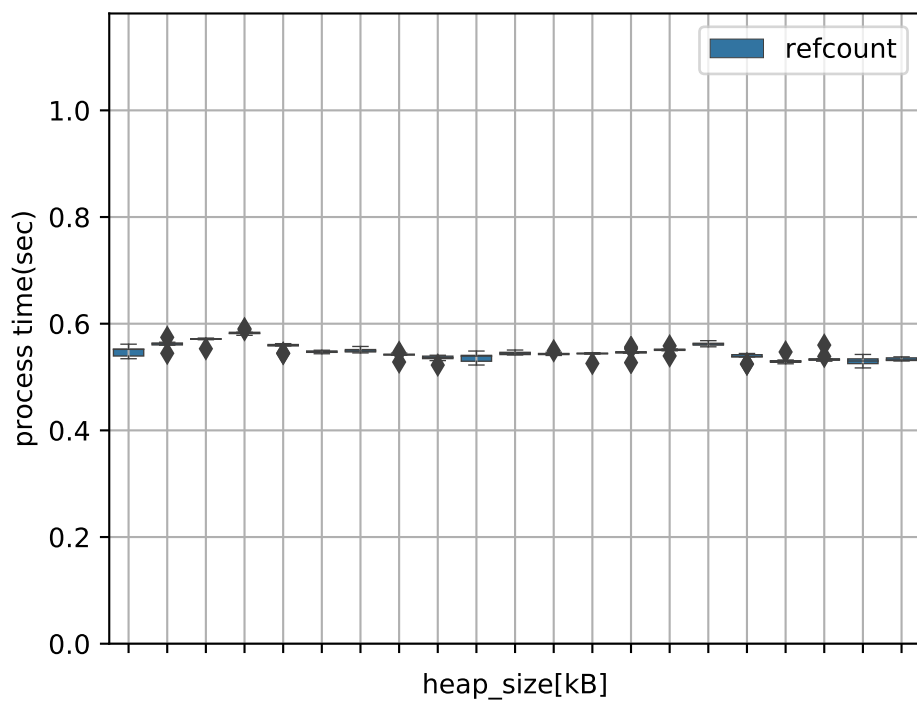
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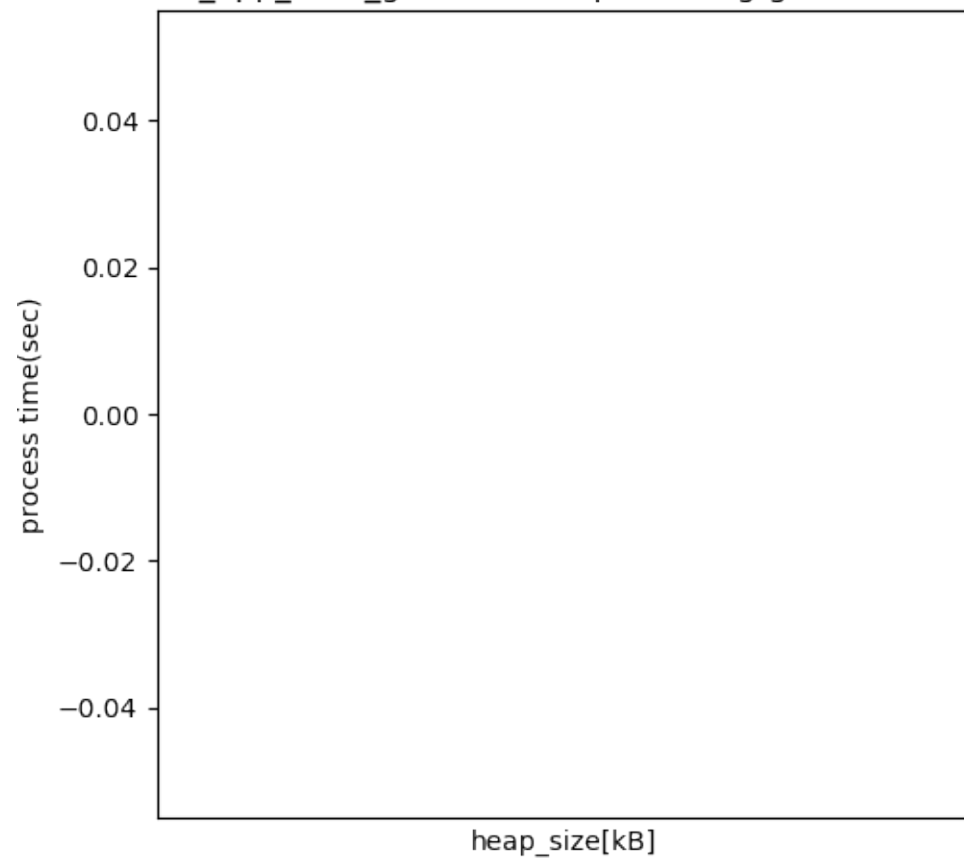
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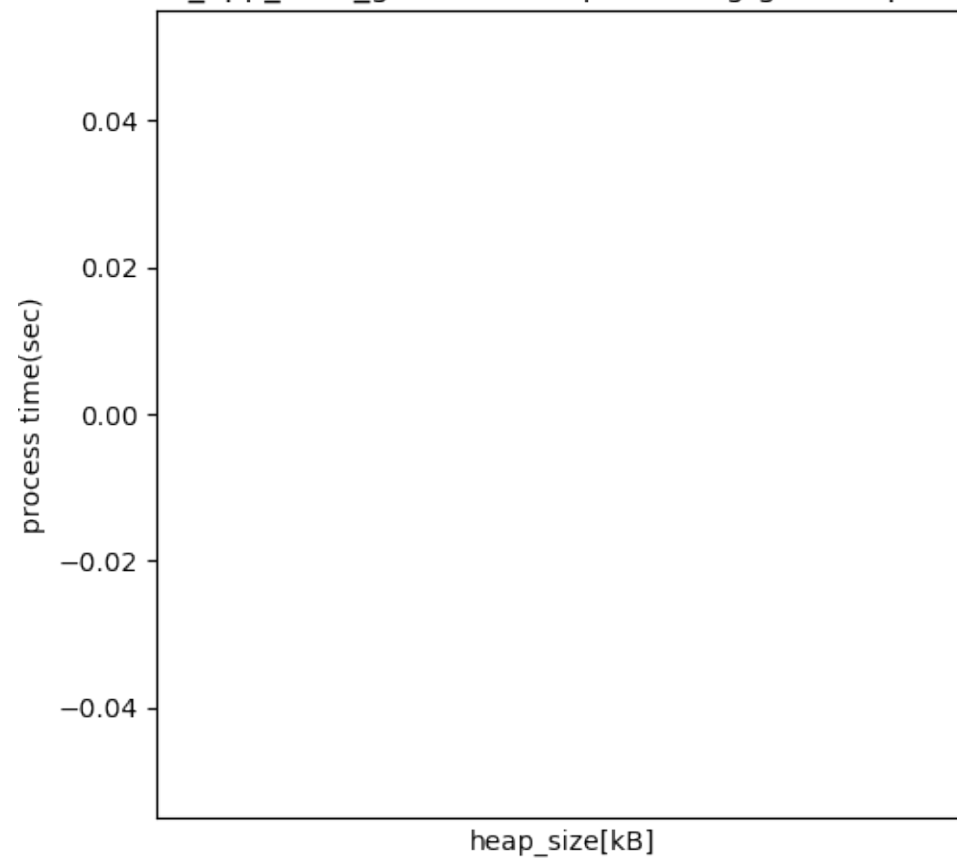
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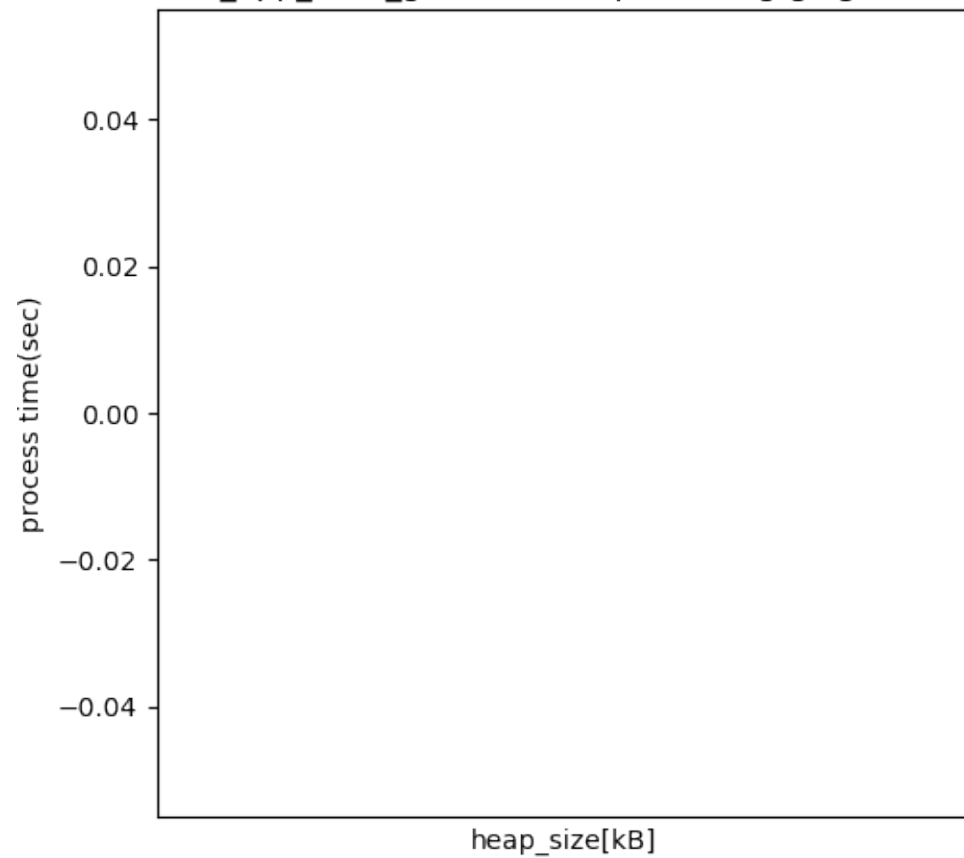
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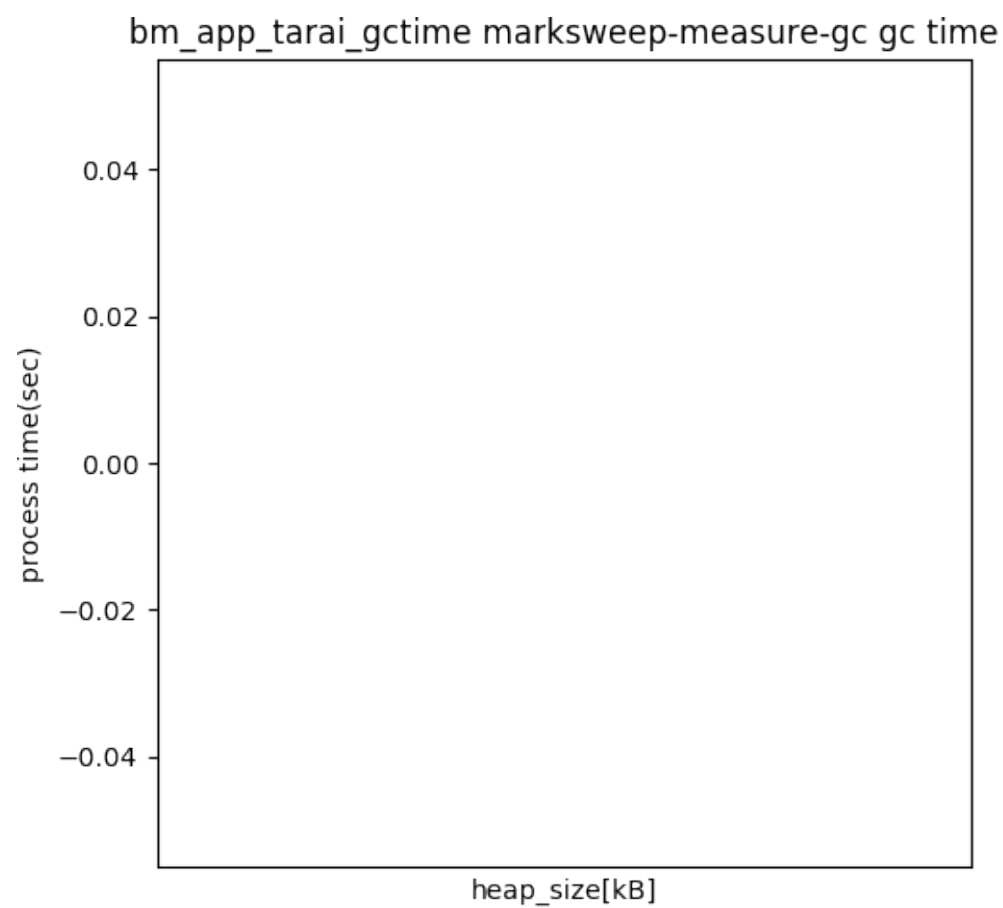
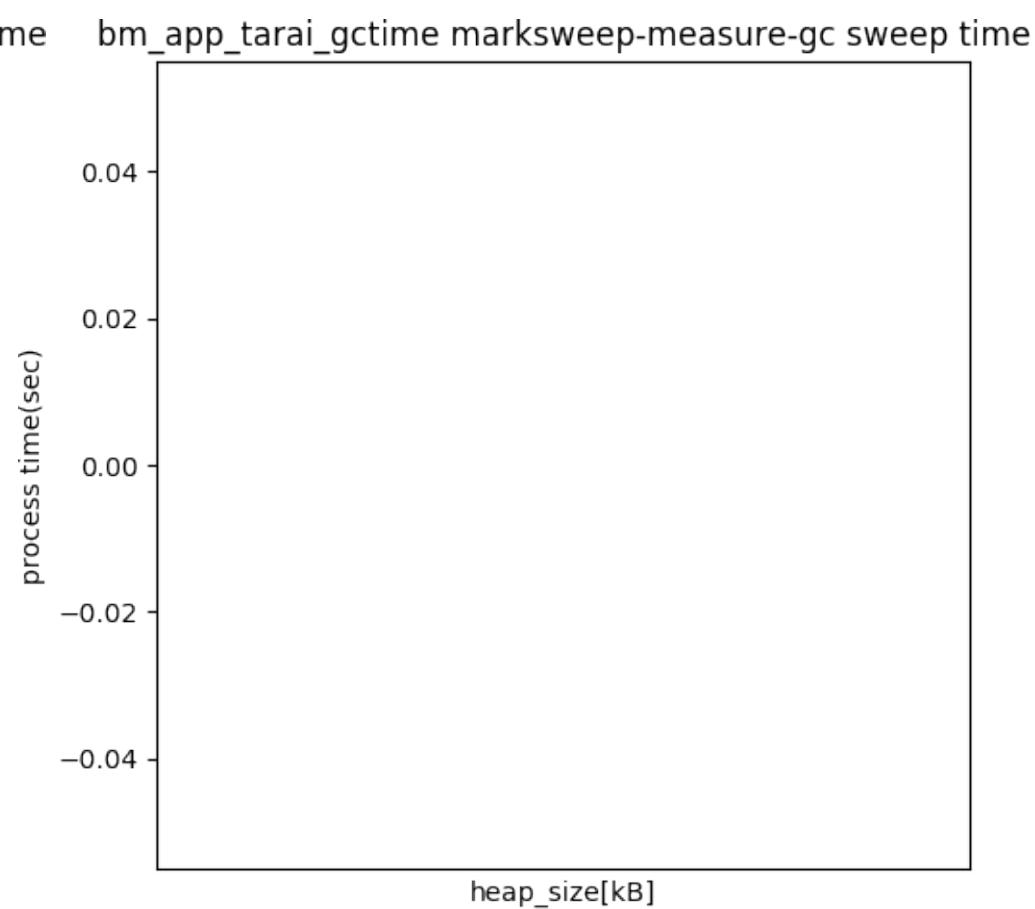
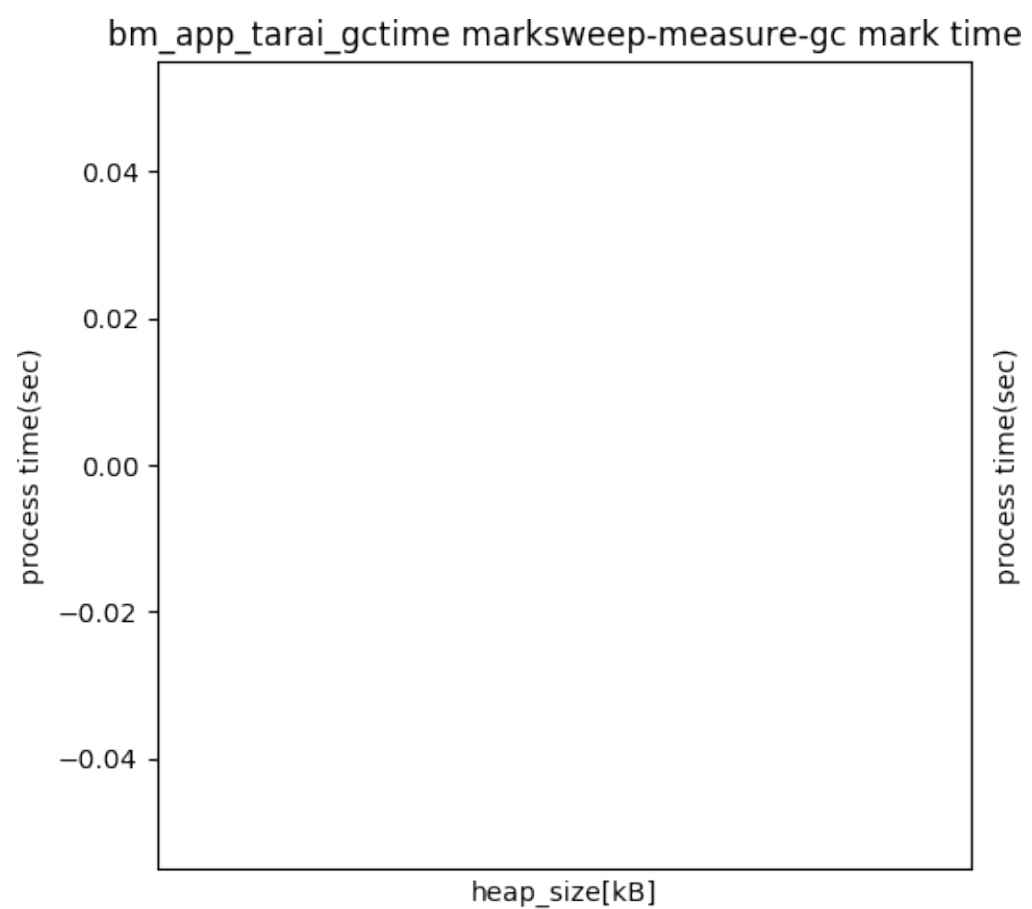


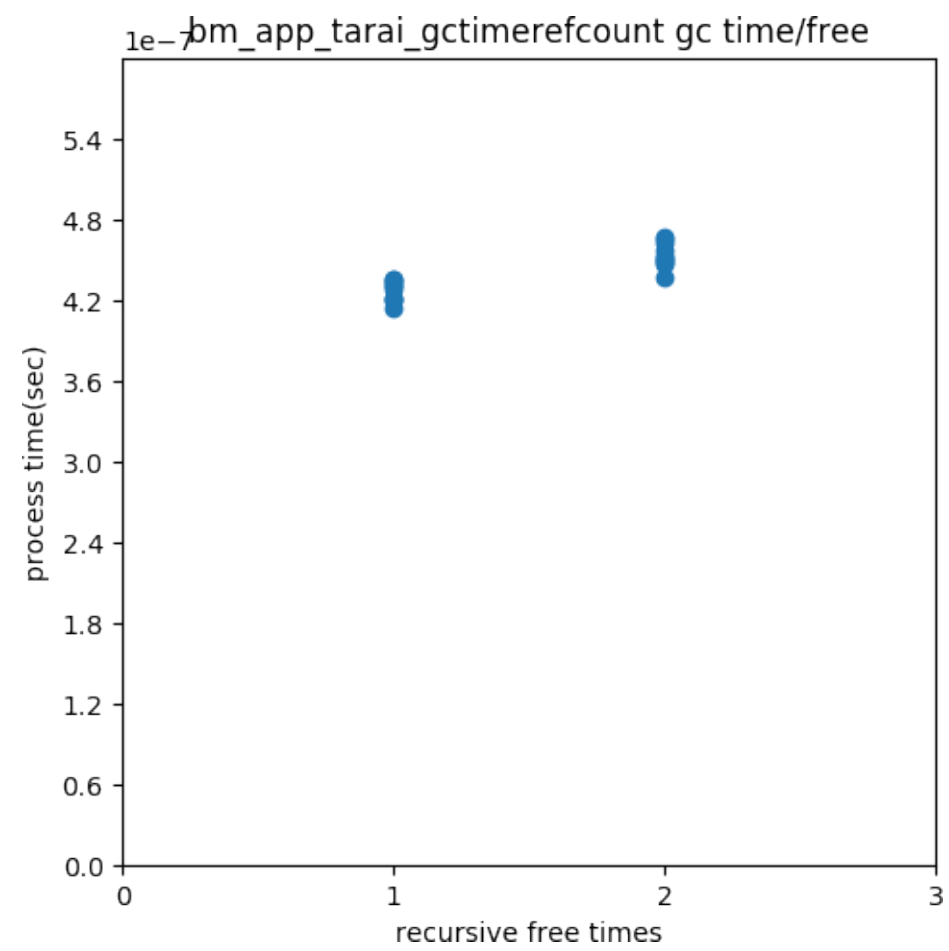
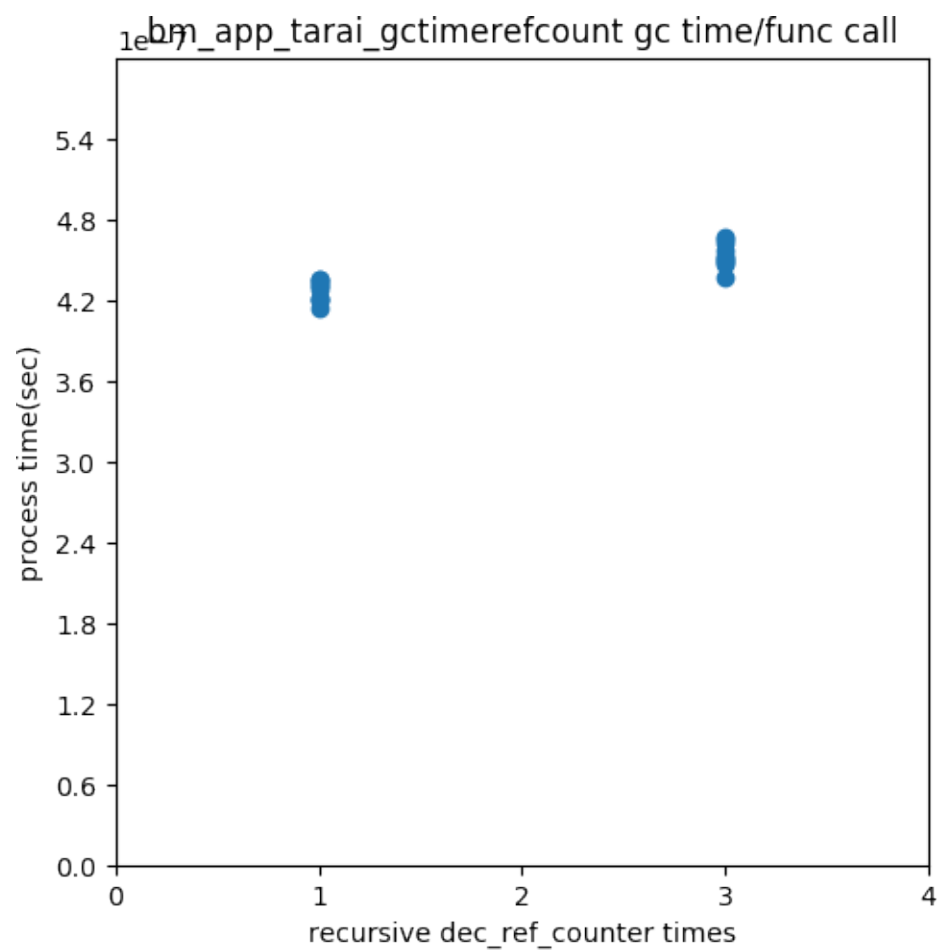
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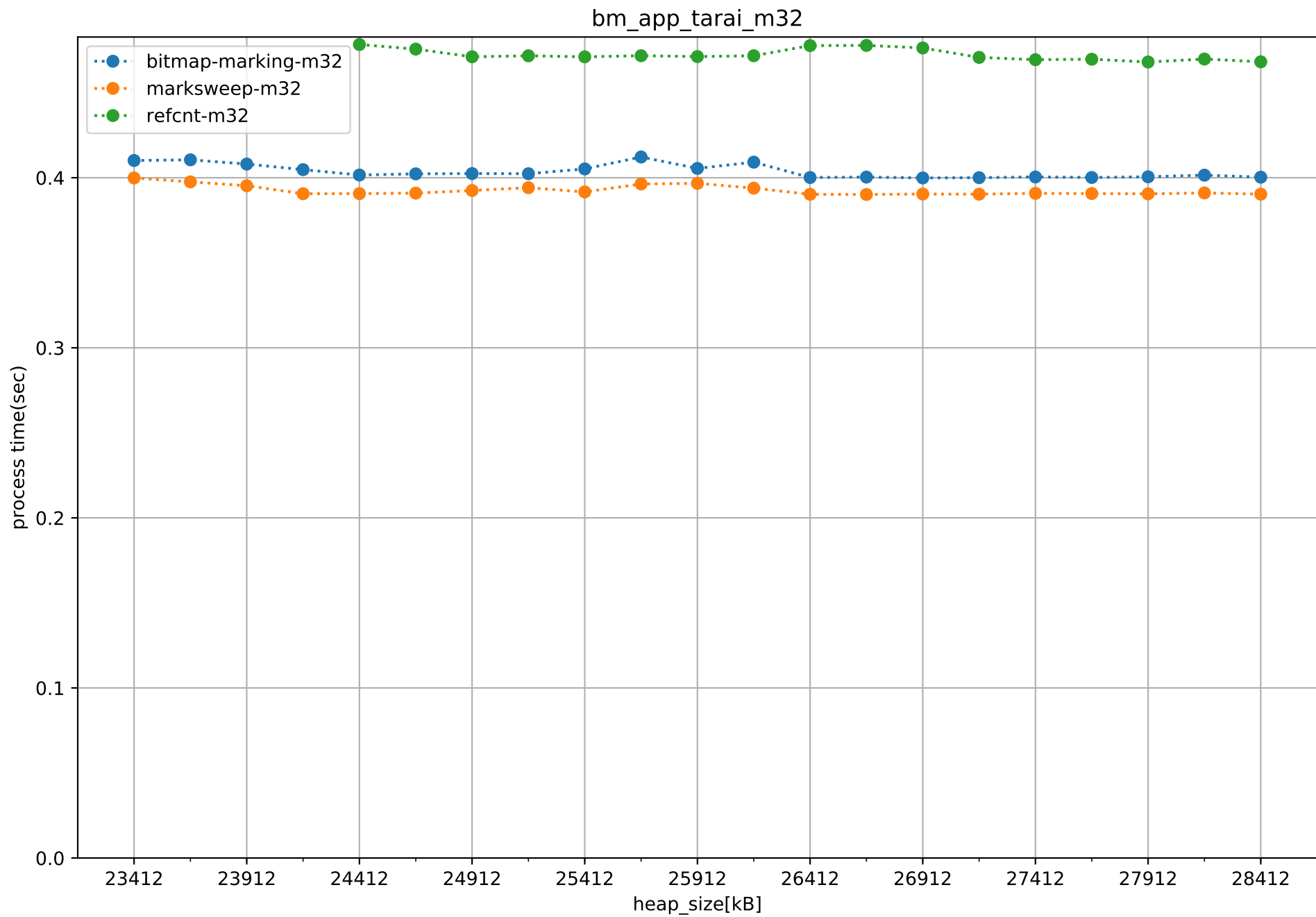


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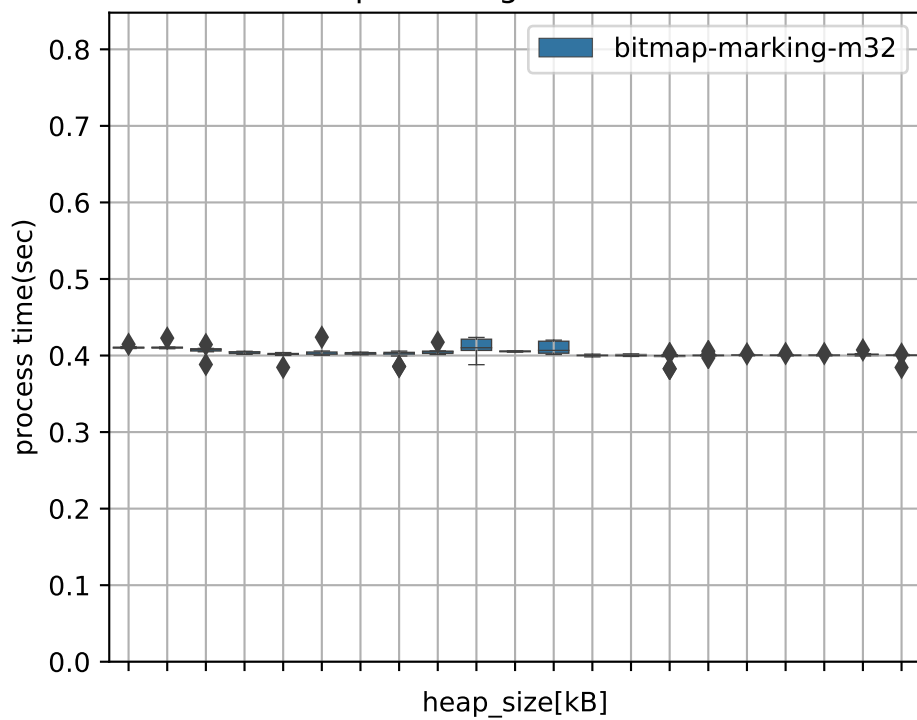




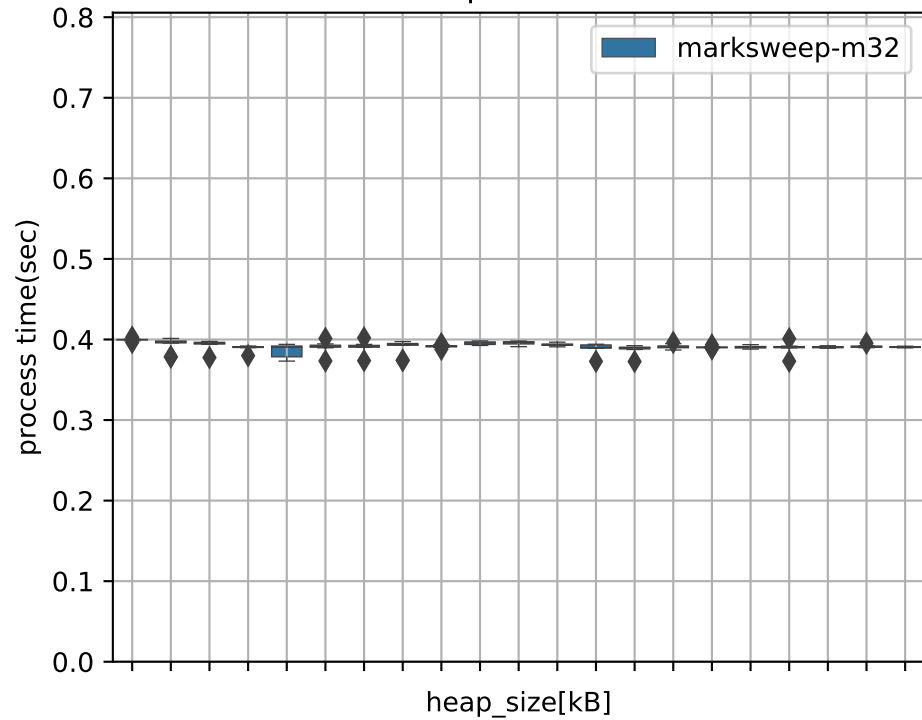




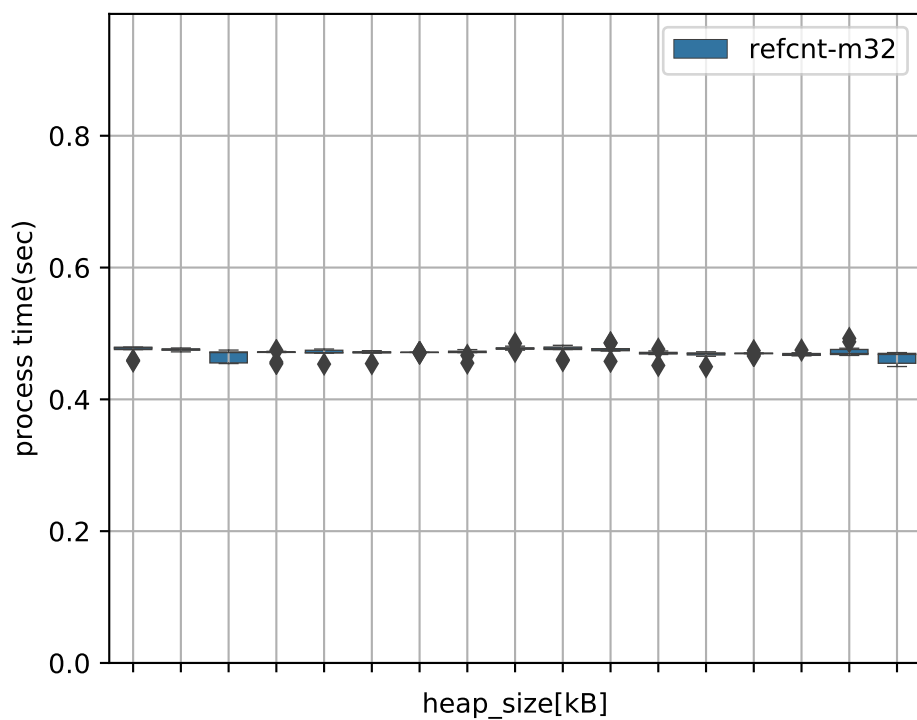
bitmap-marking-m32 total time

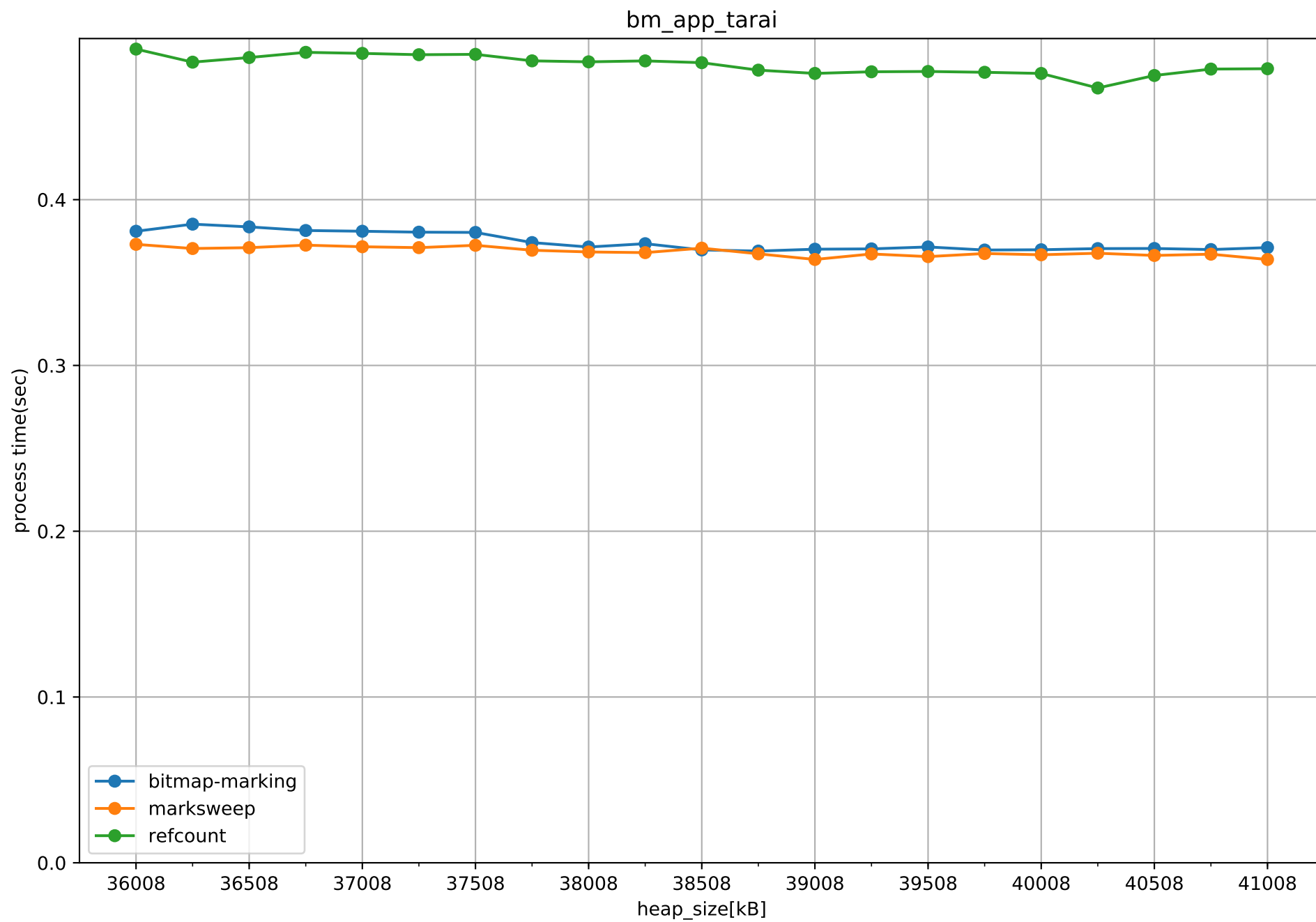


marksweep-m32 total time

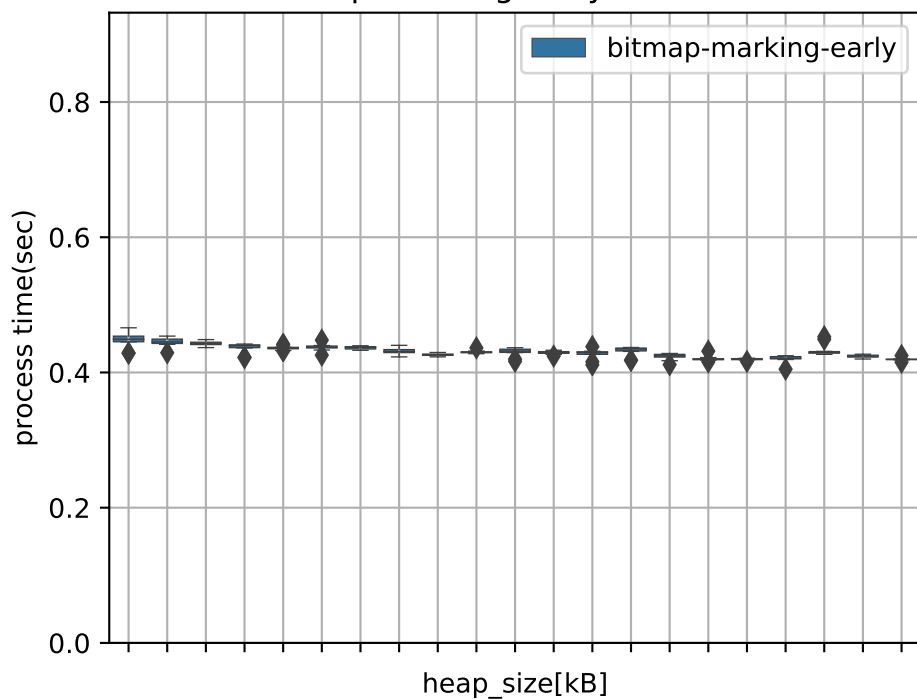


refcnt-m32 total time

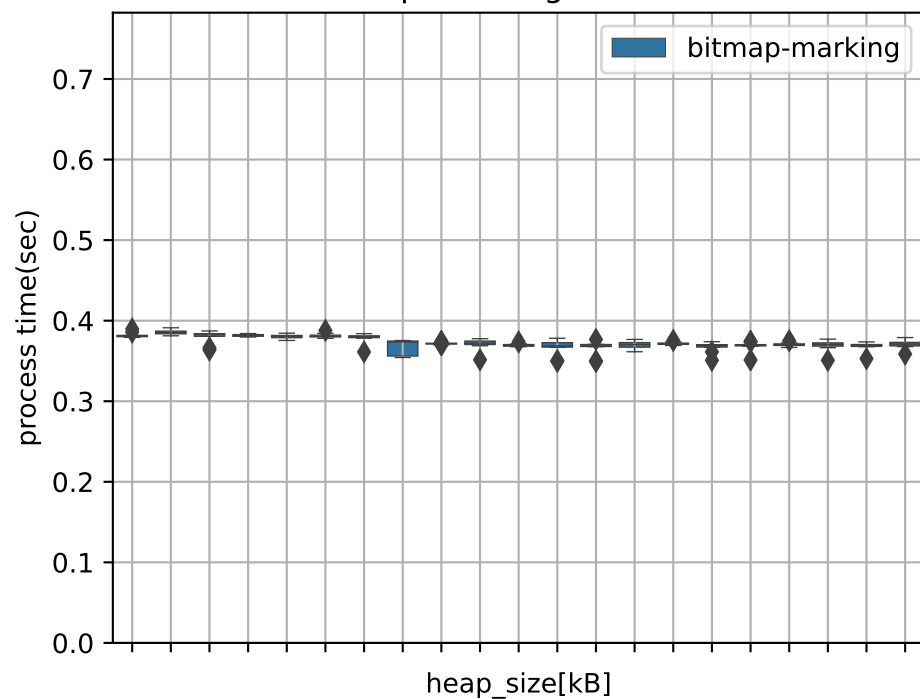




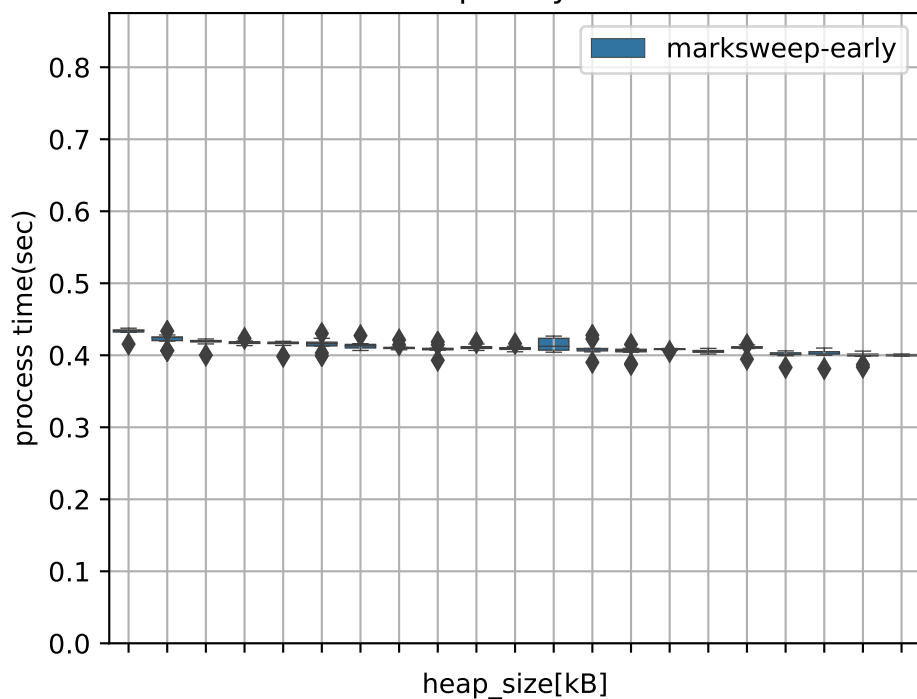
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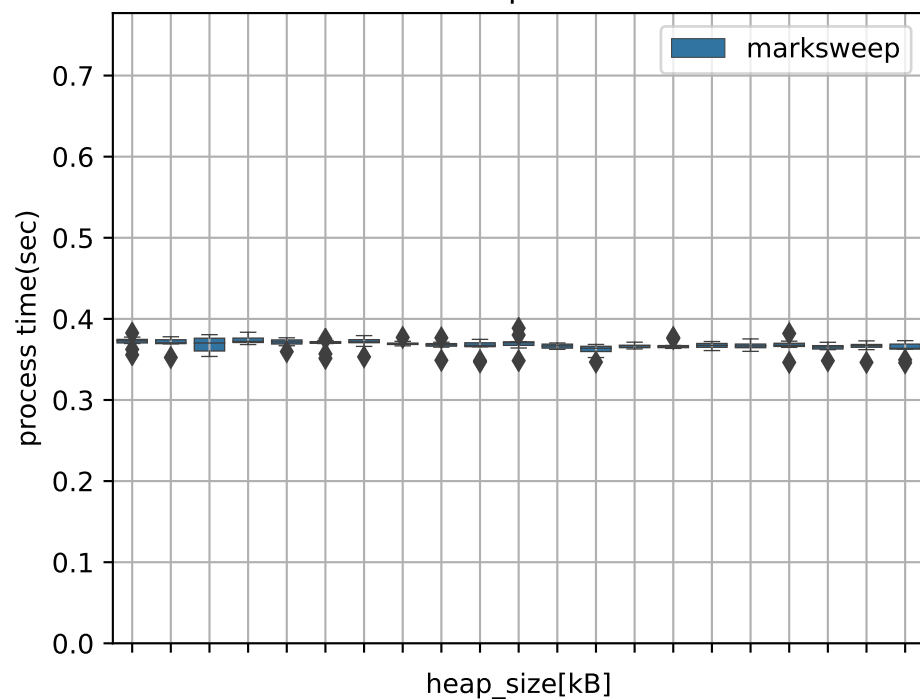
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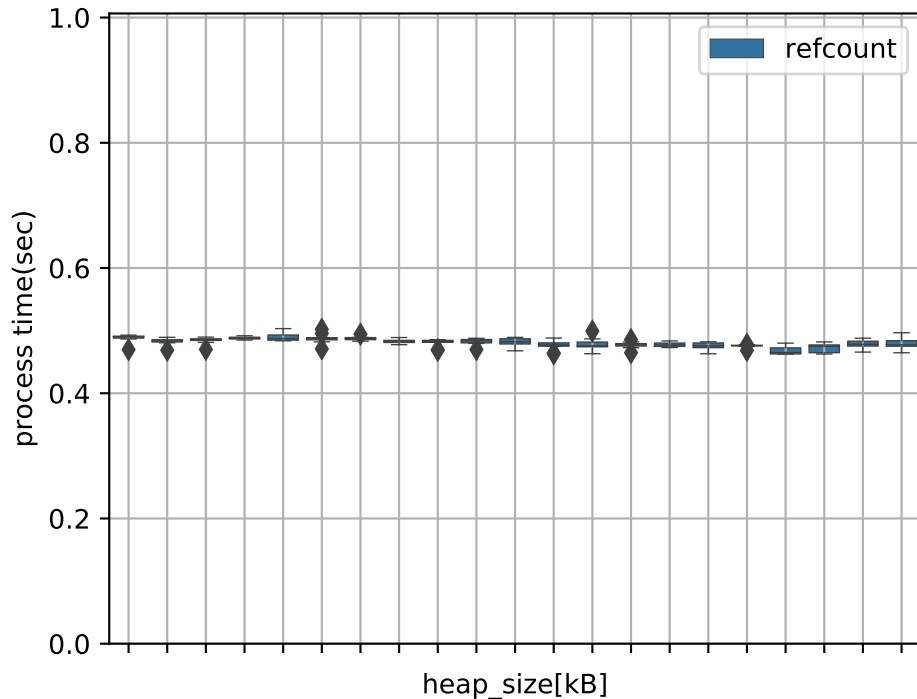
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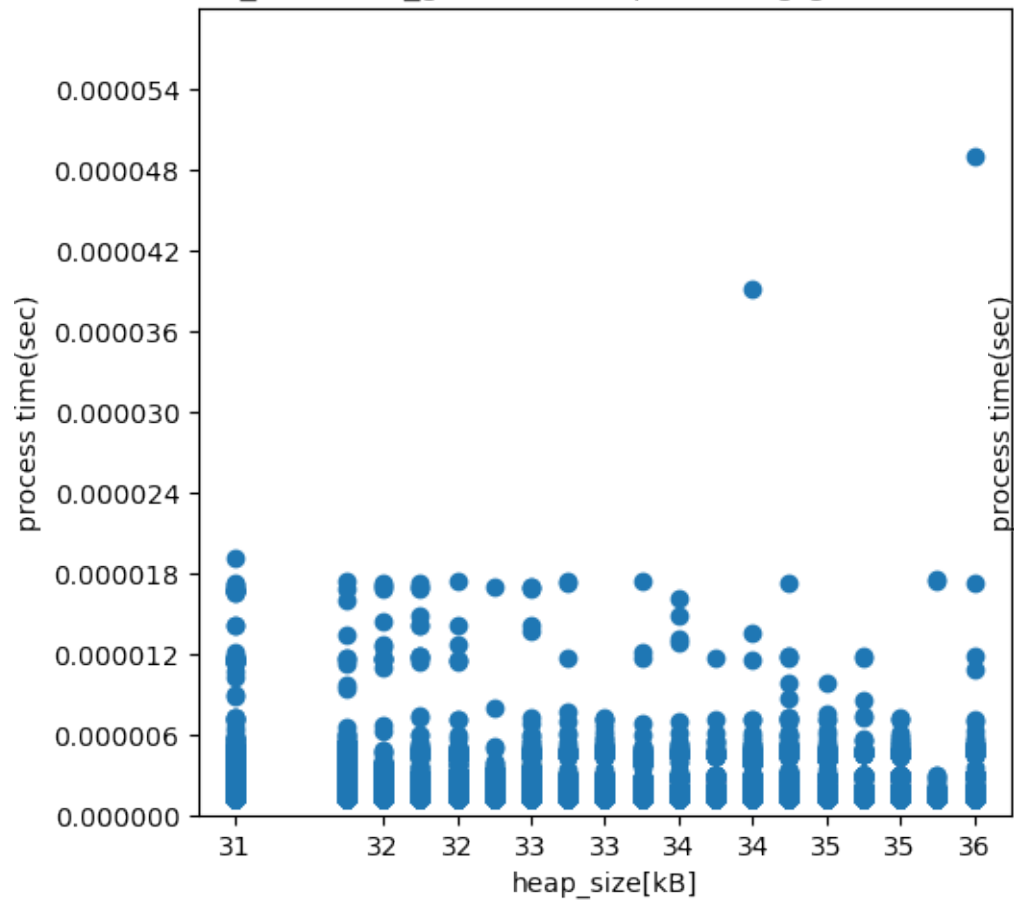
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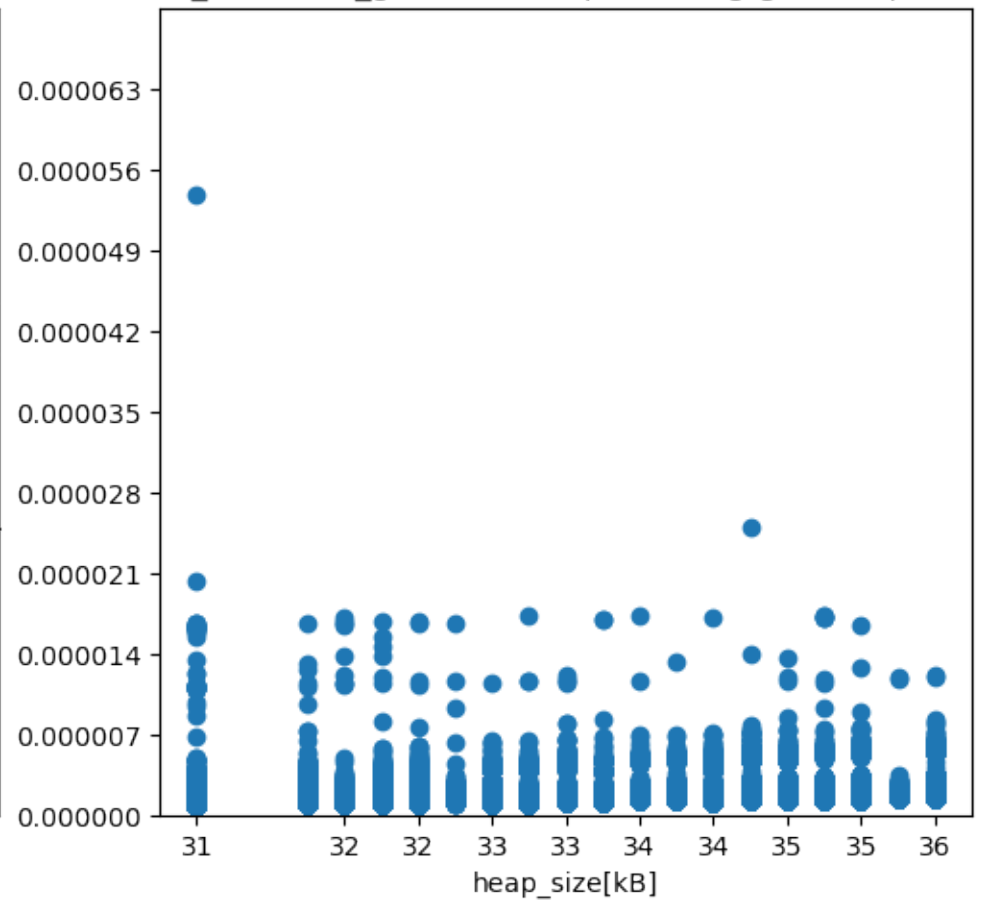
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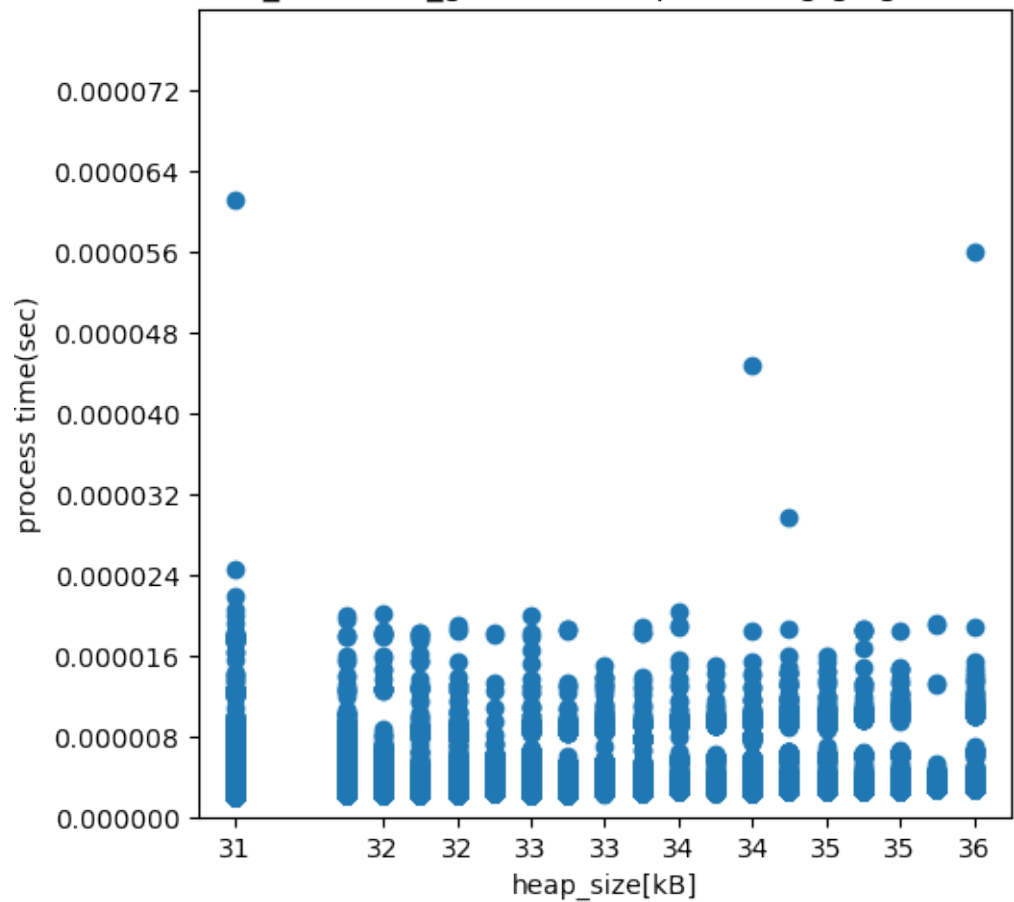
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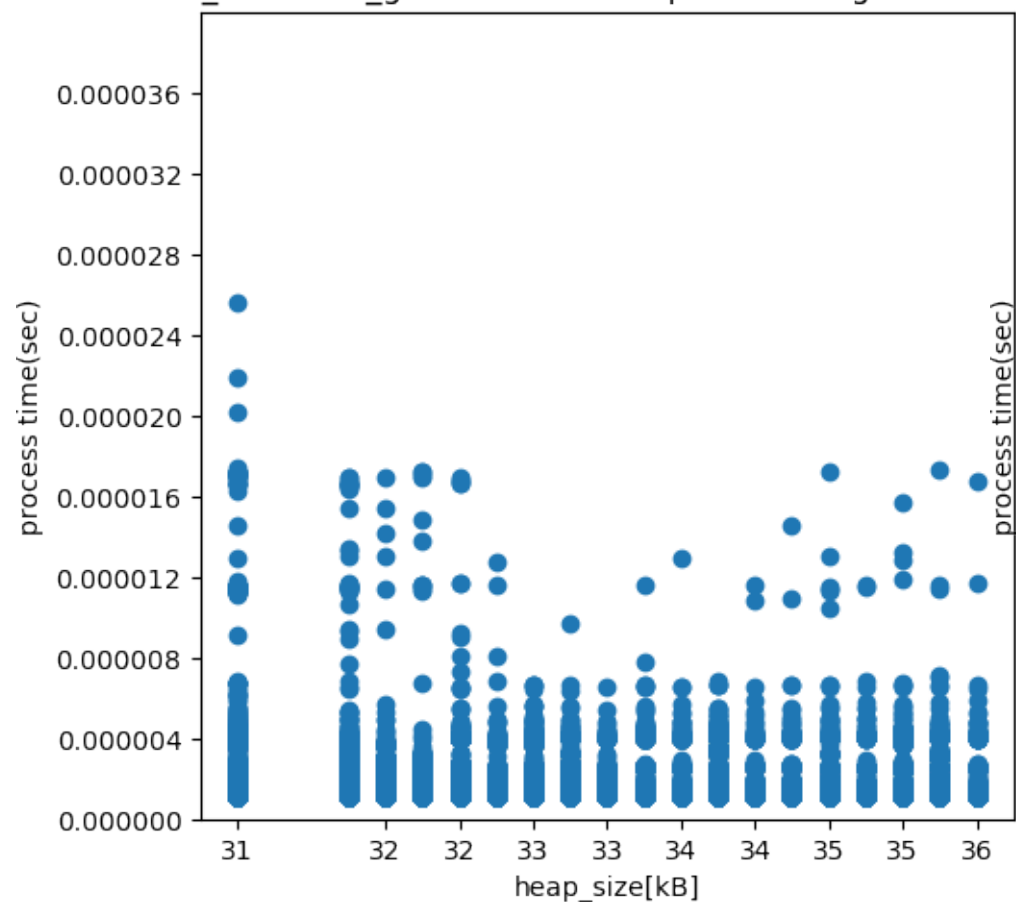
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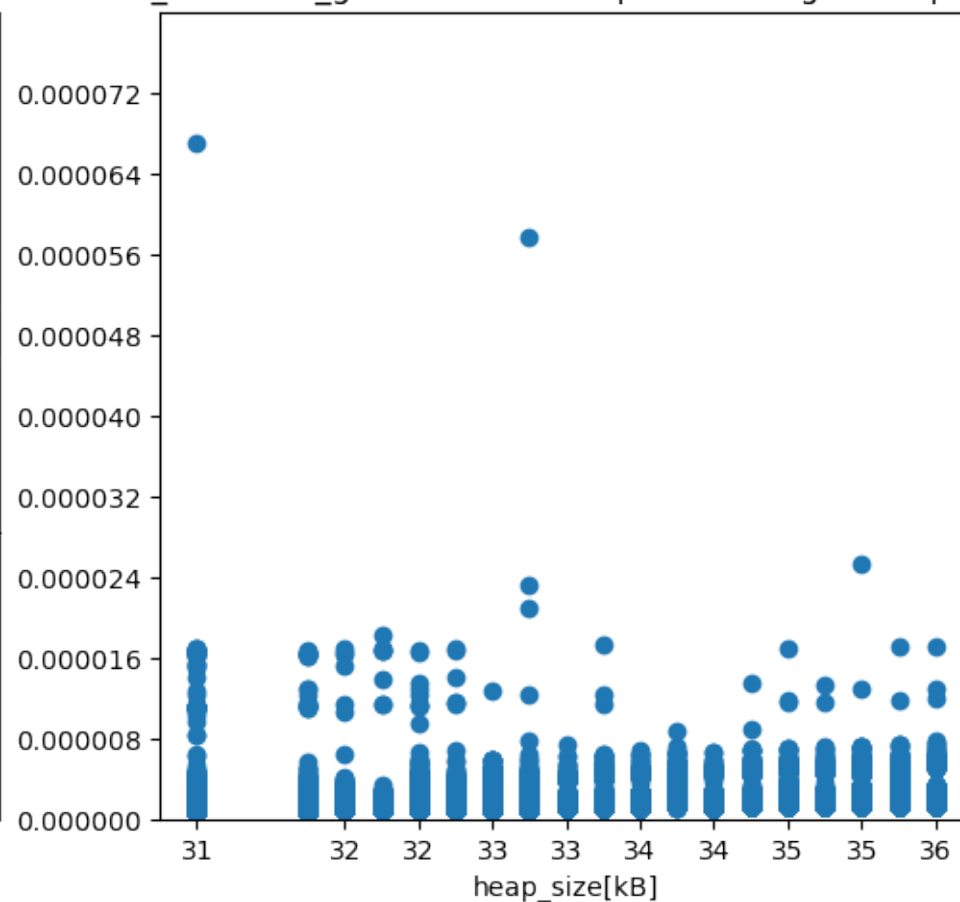
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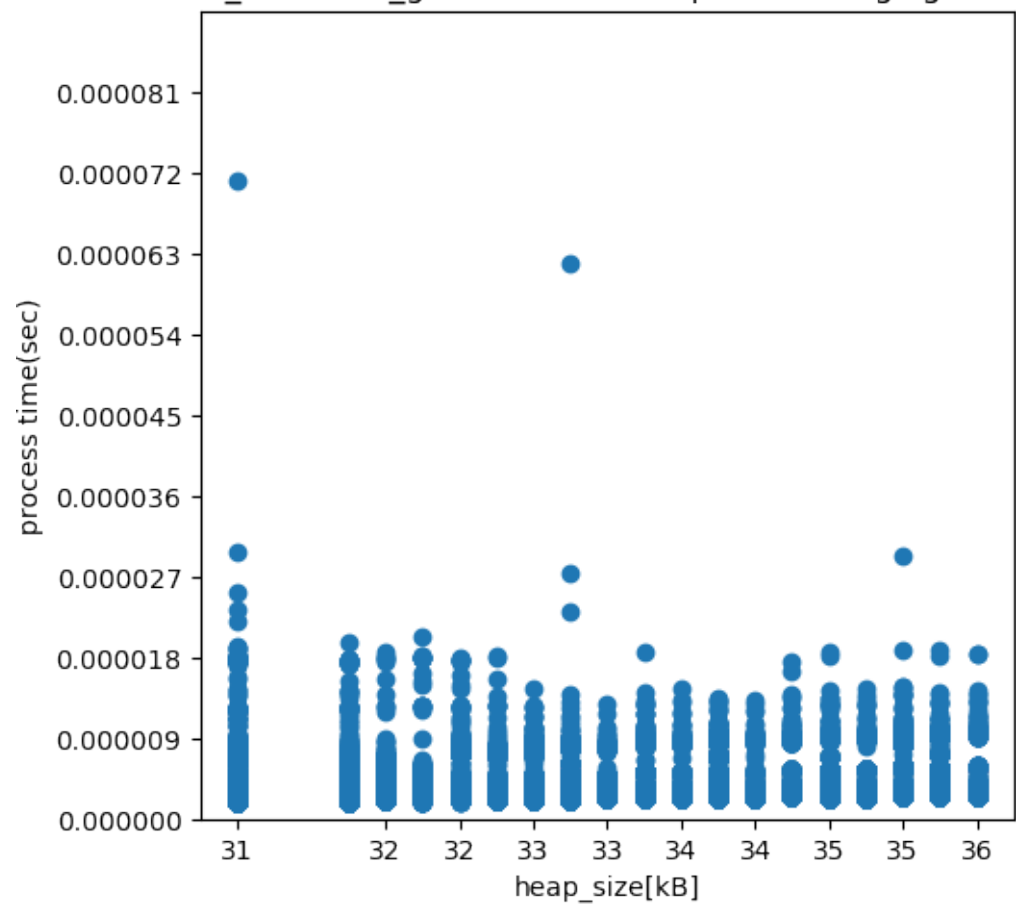
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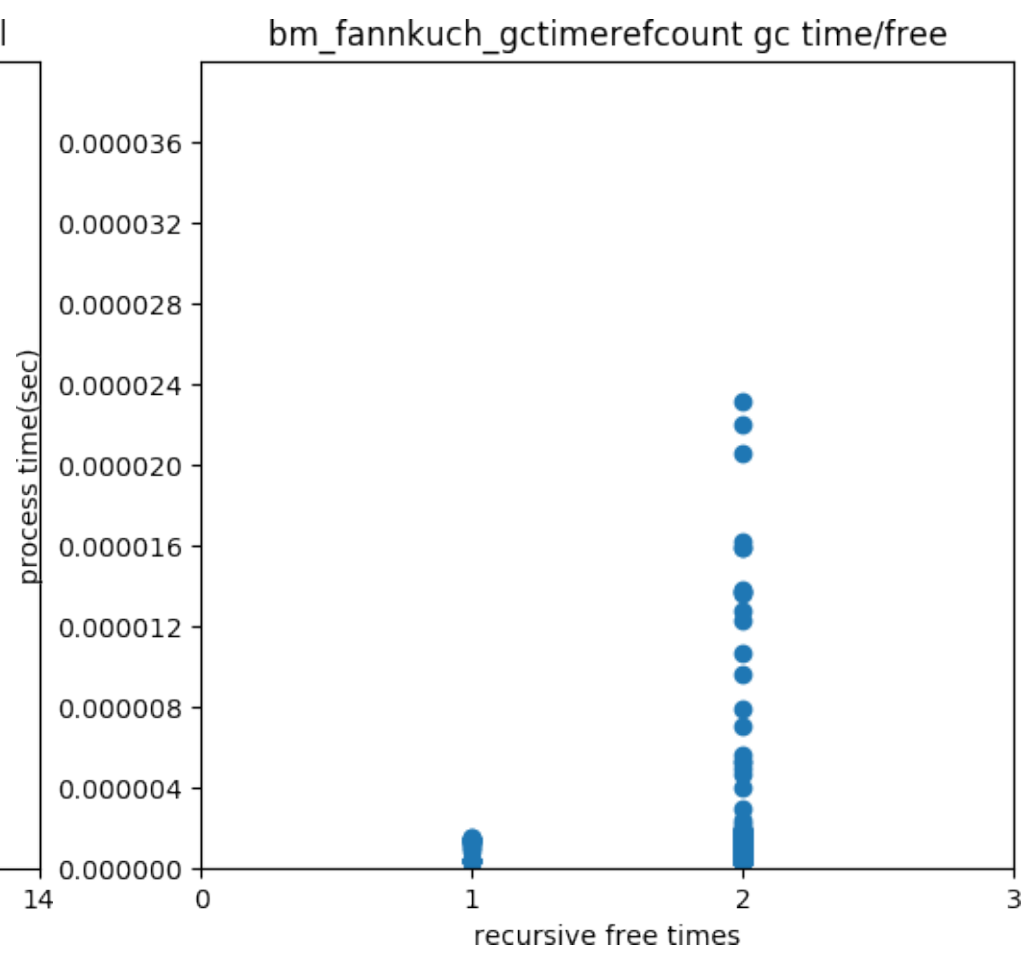
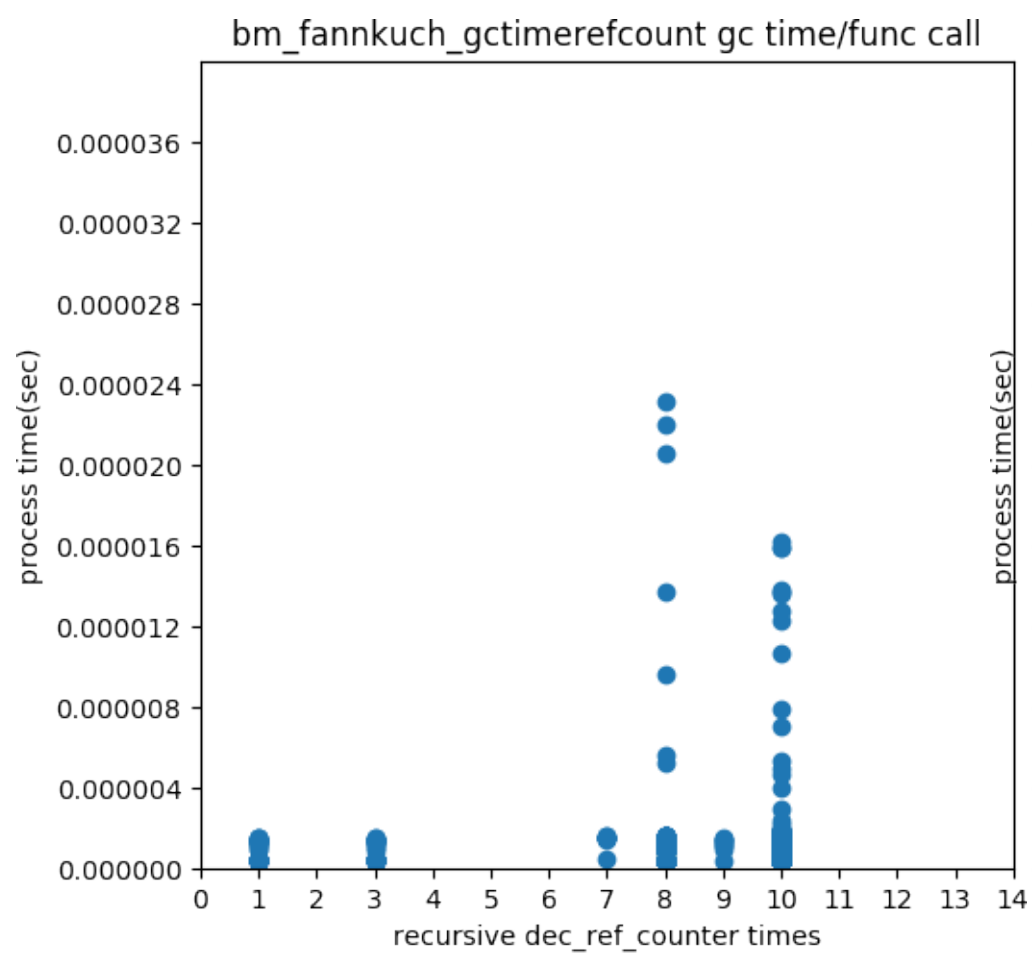


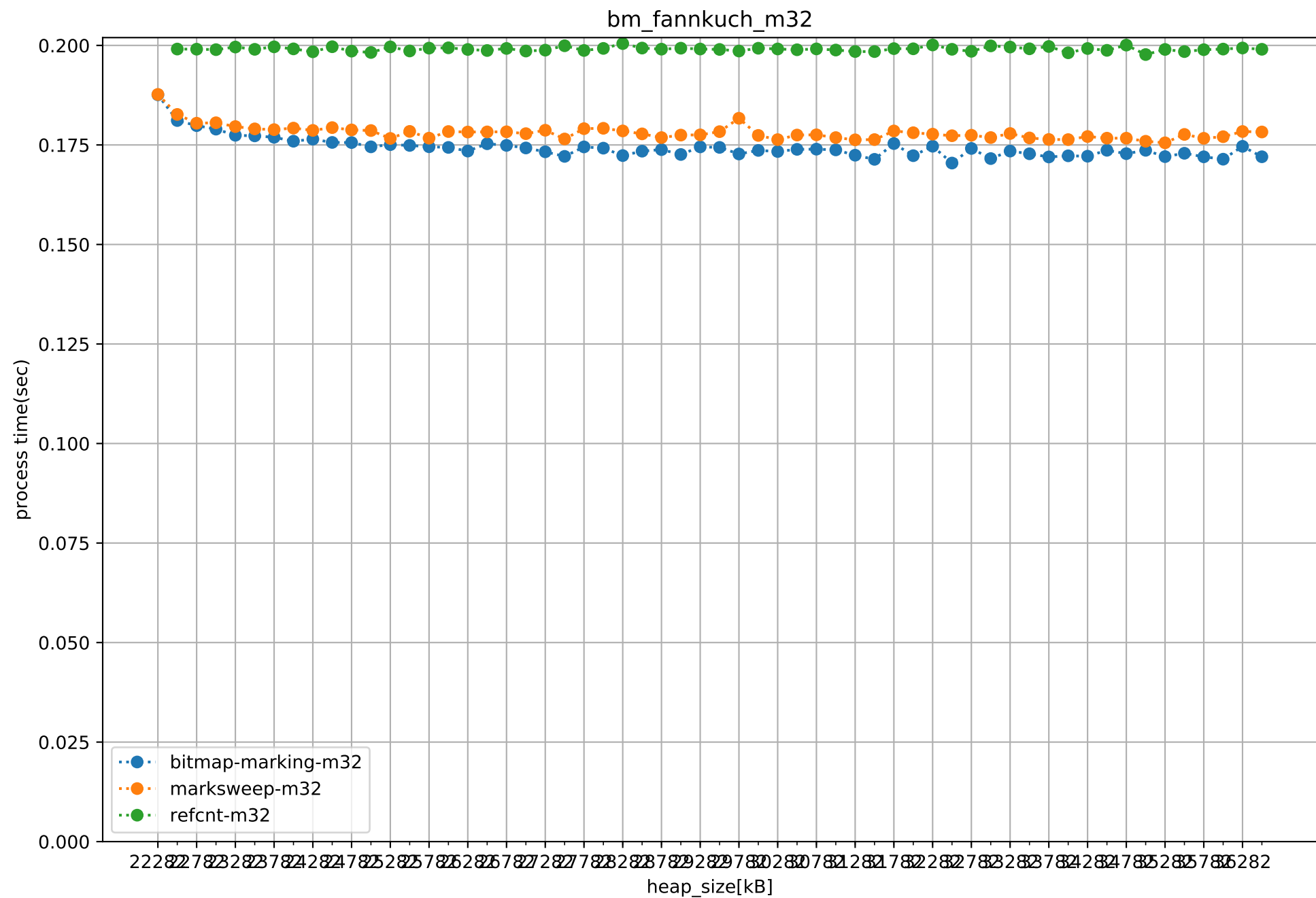
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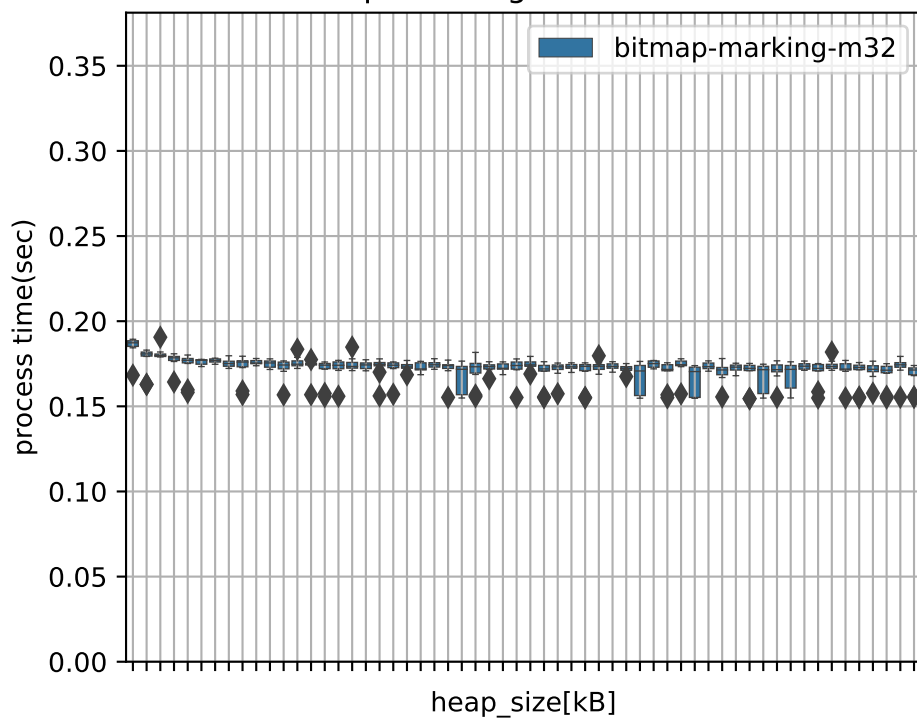
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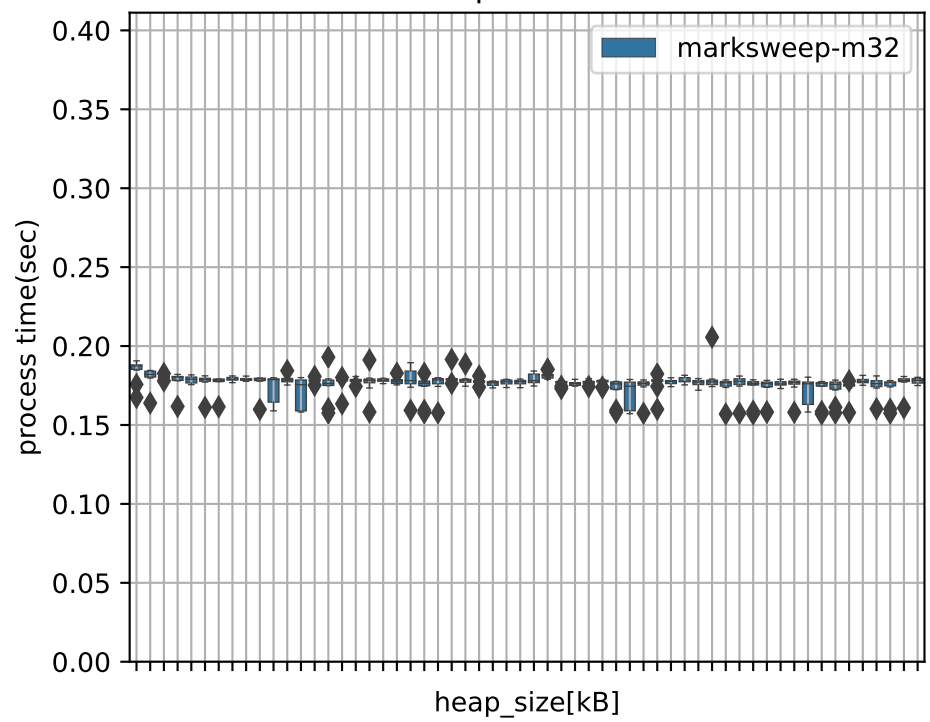




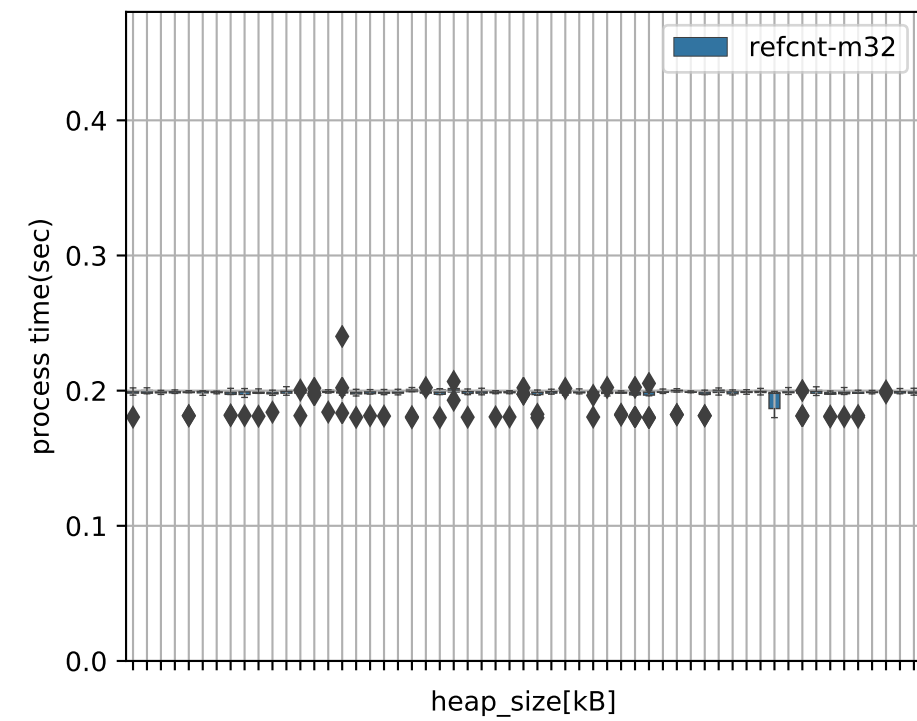
bitmap-marking-m32 total time



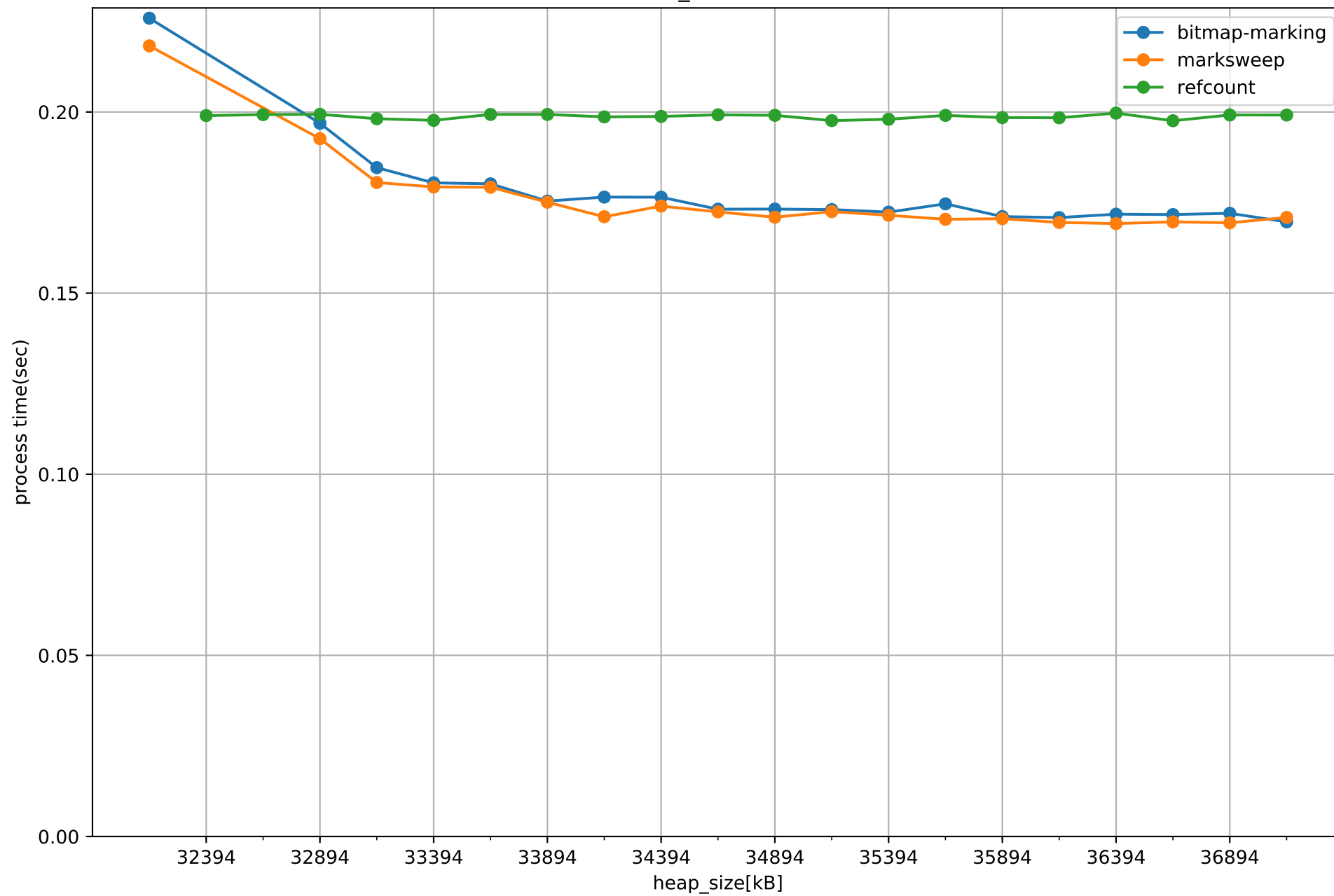
marksweep-m32 total time



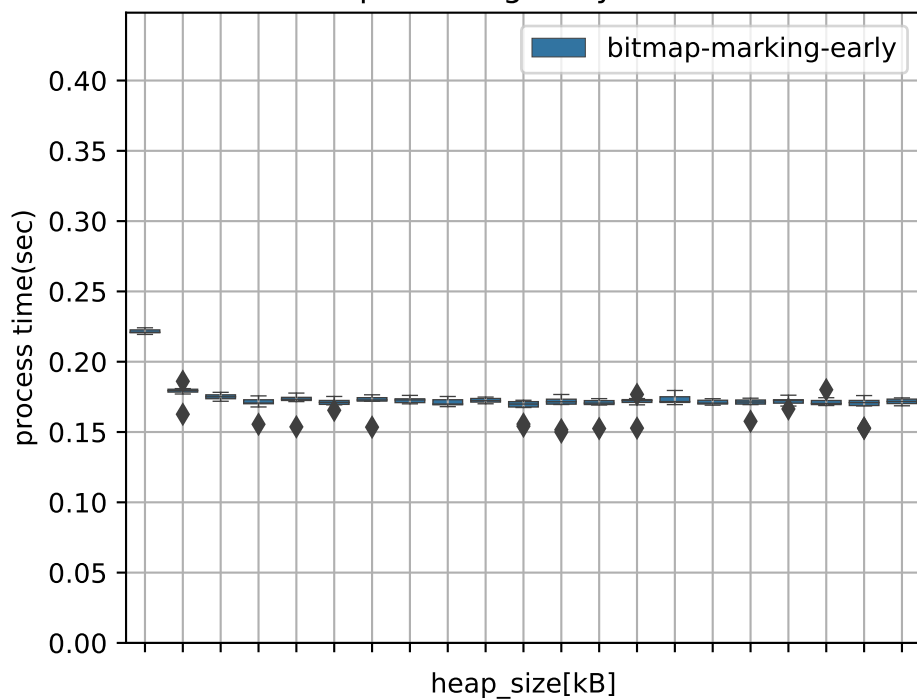
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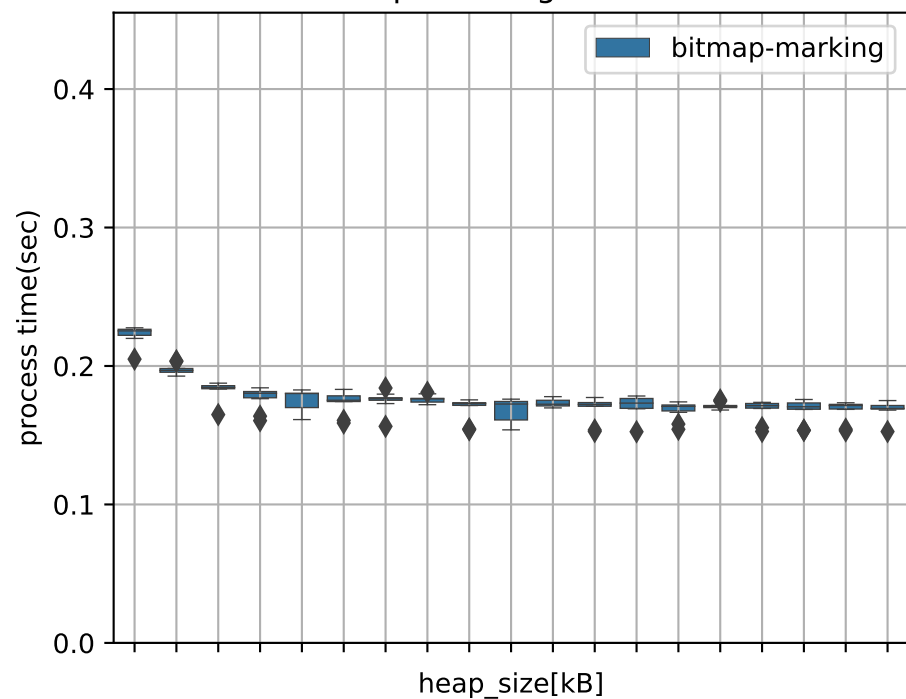
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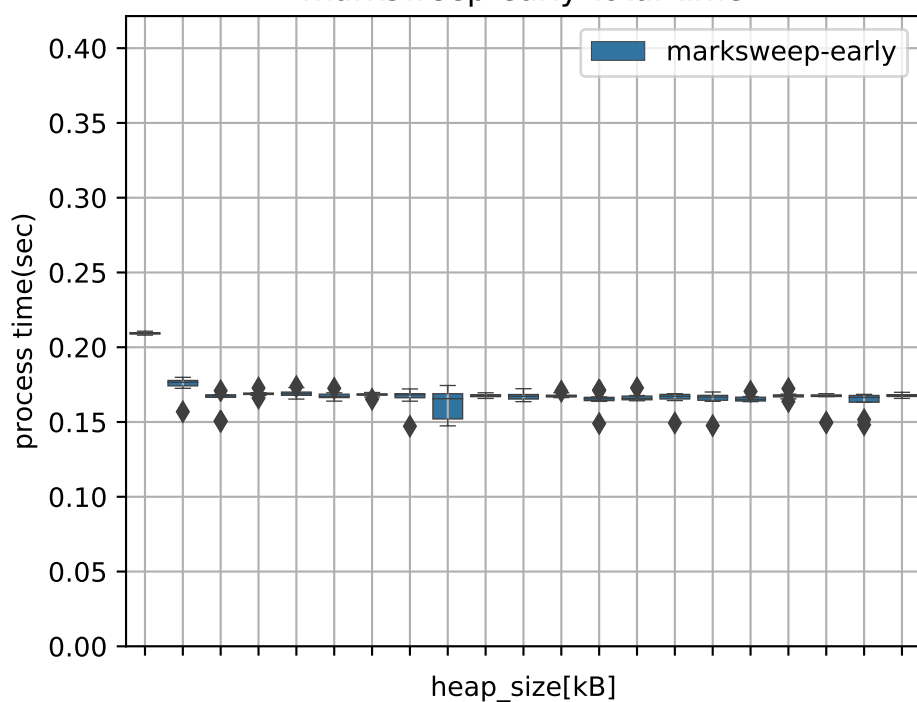
bitmap-marking-early total time



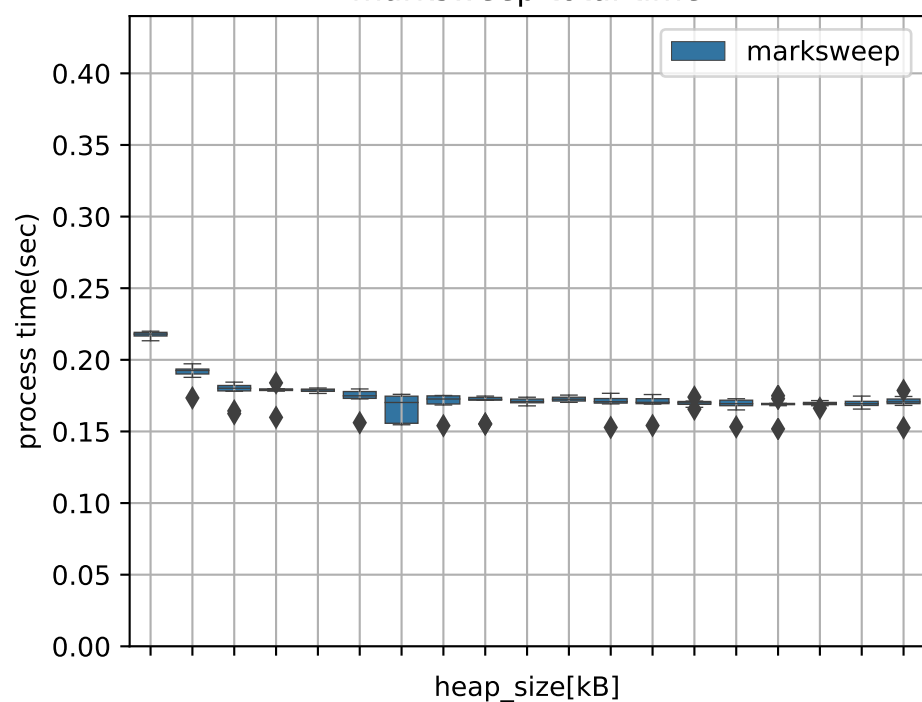
bitmap-marking total time



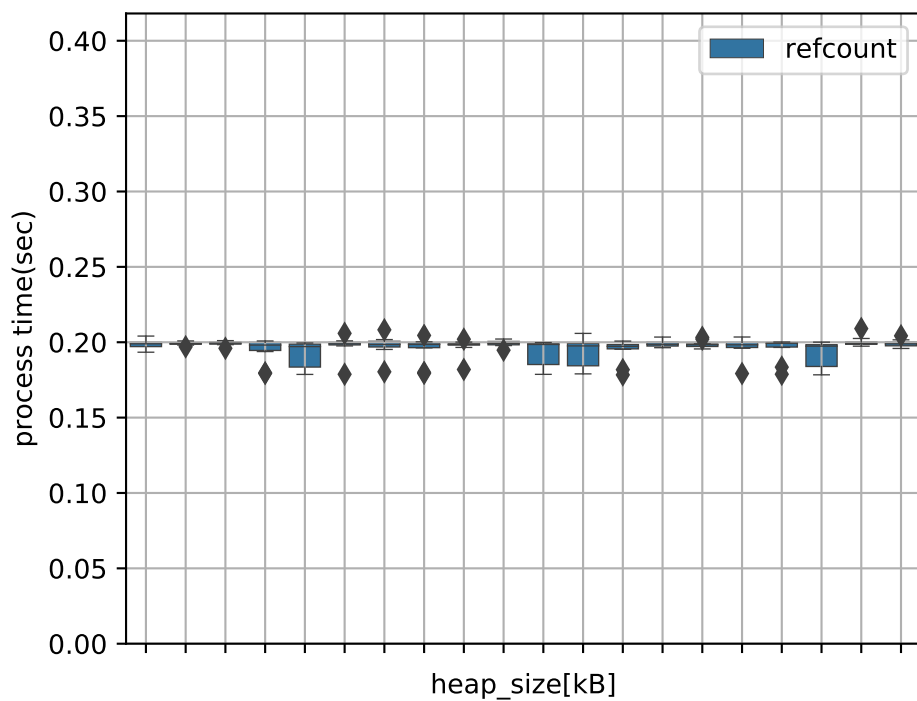
marksweep-early total time



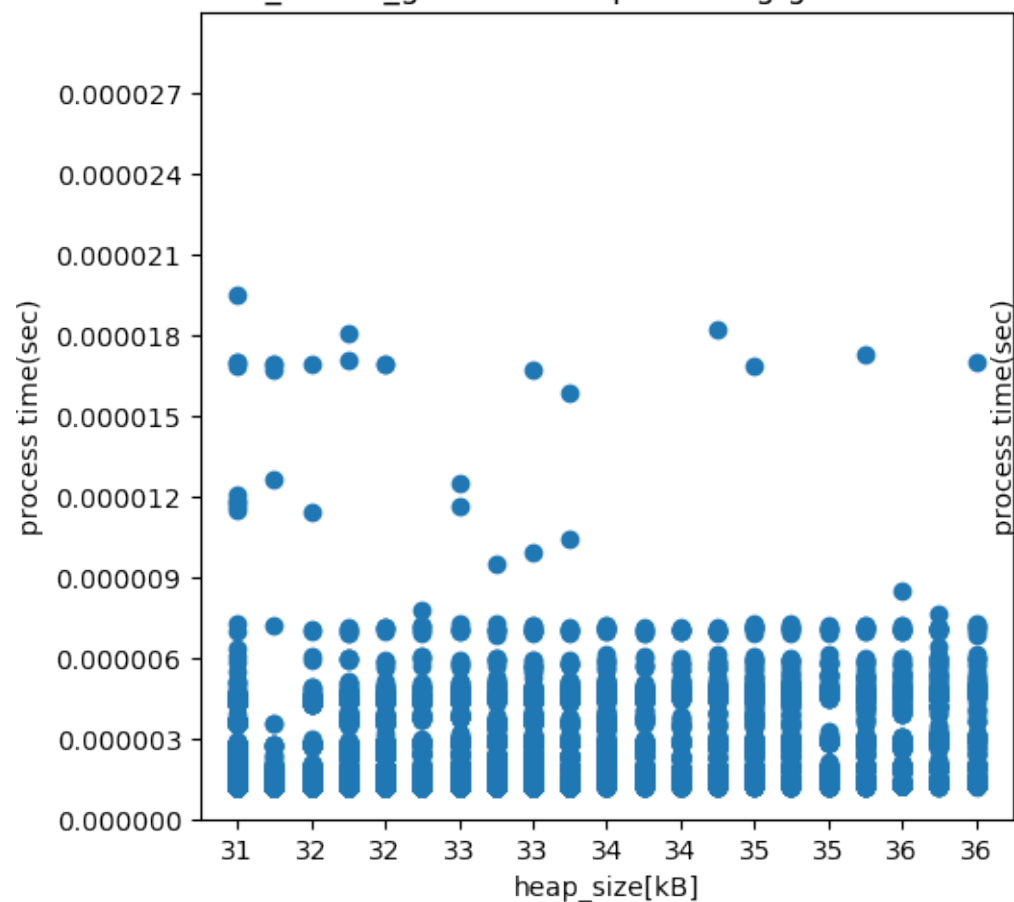
marksweep total time



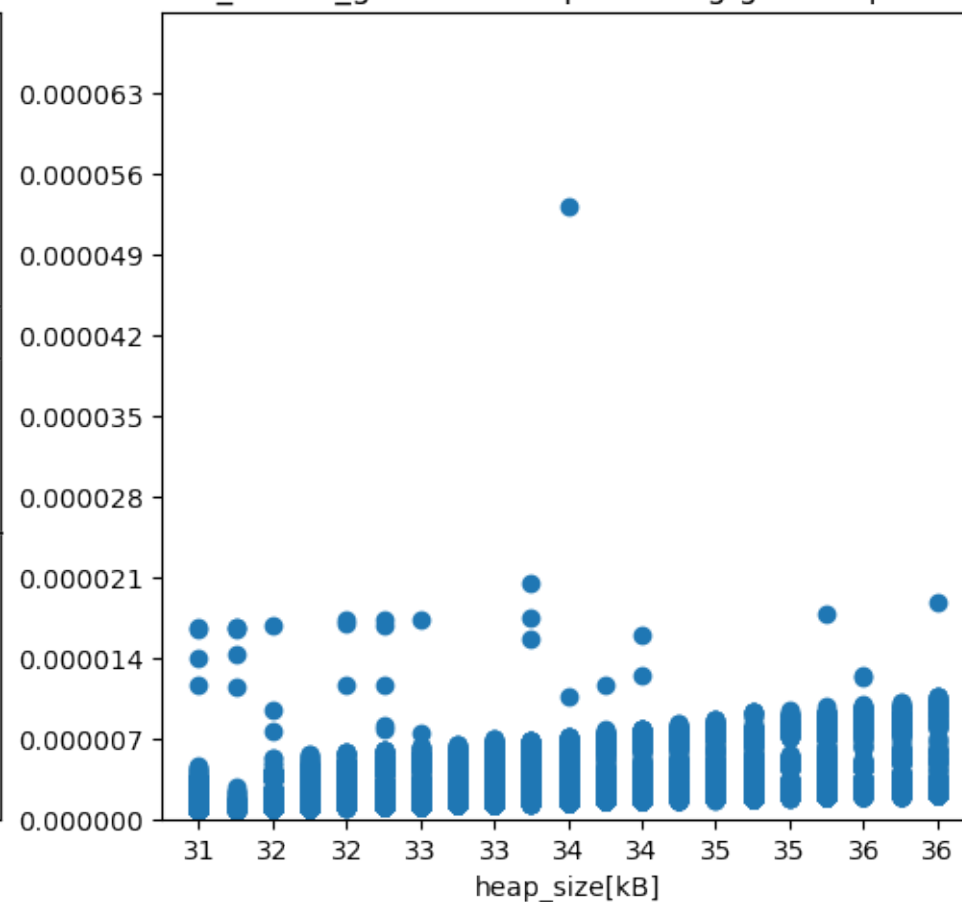
refcount total time



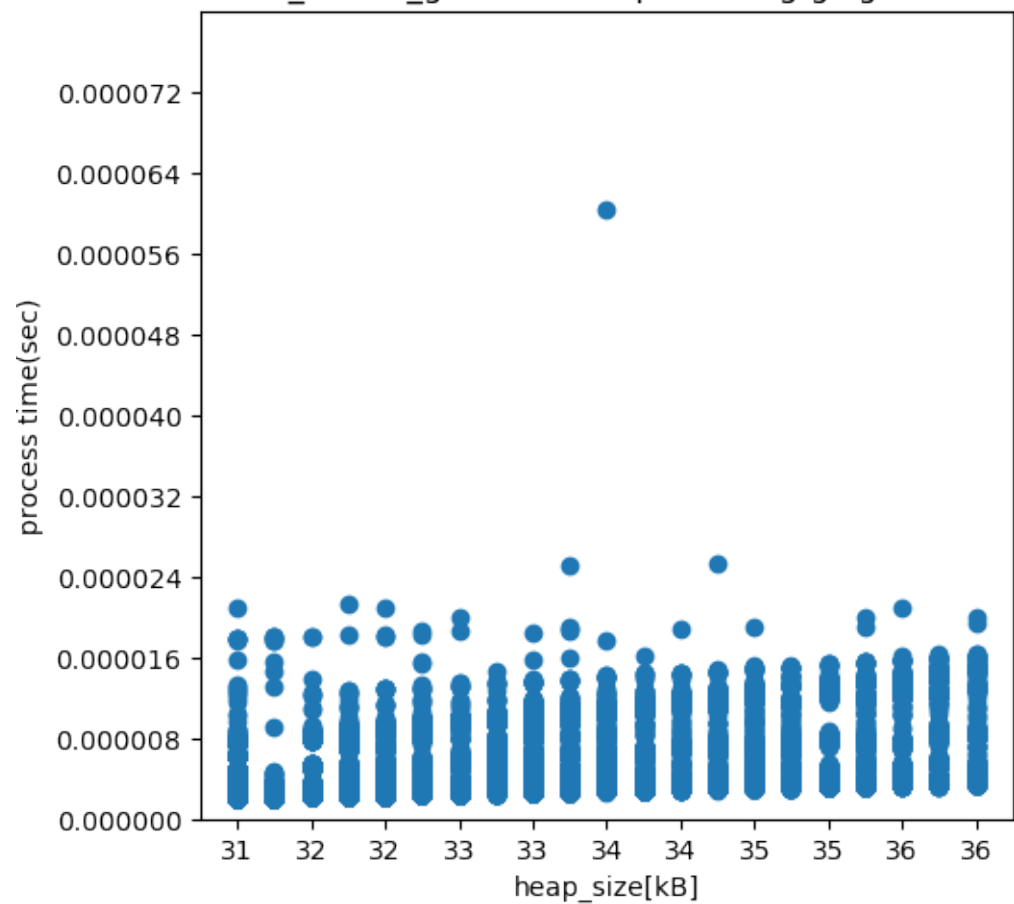
bm_fractal_gctime bitmap-marking-gc mark time



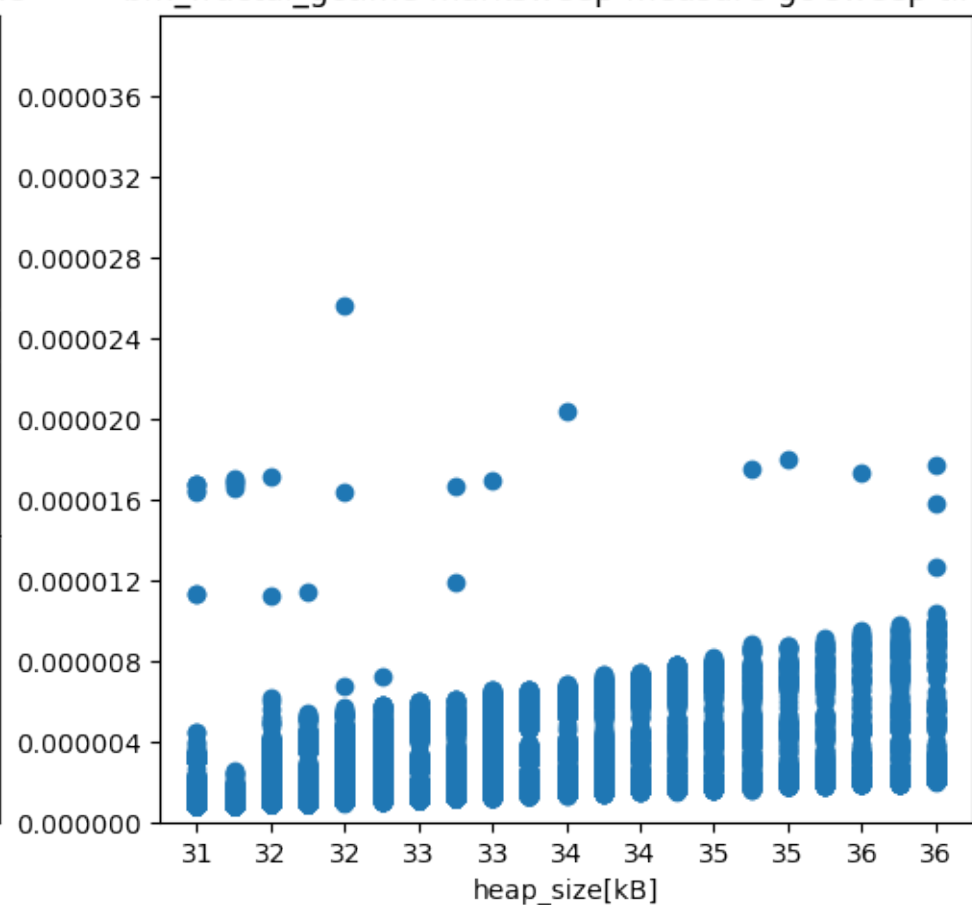
bm_fractal_gctime bitmap-marking-gc sweep time



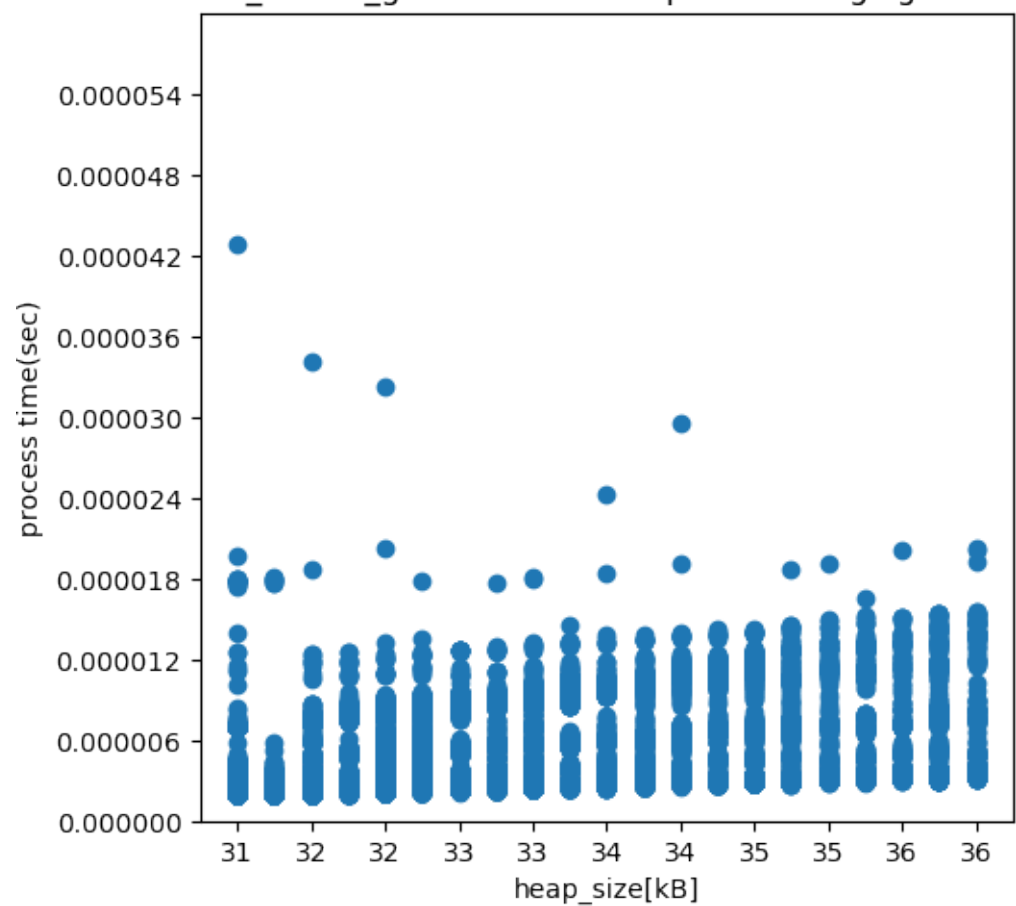
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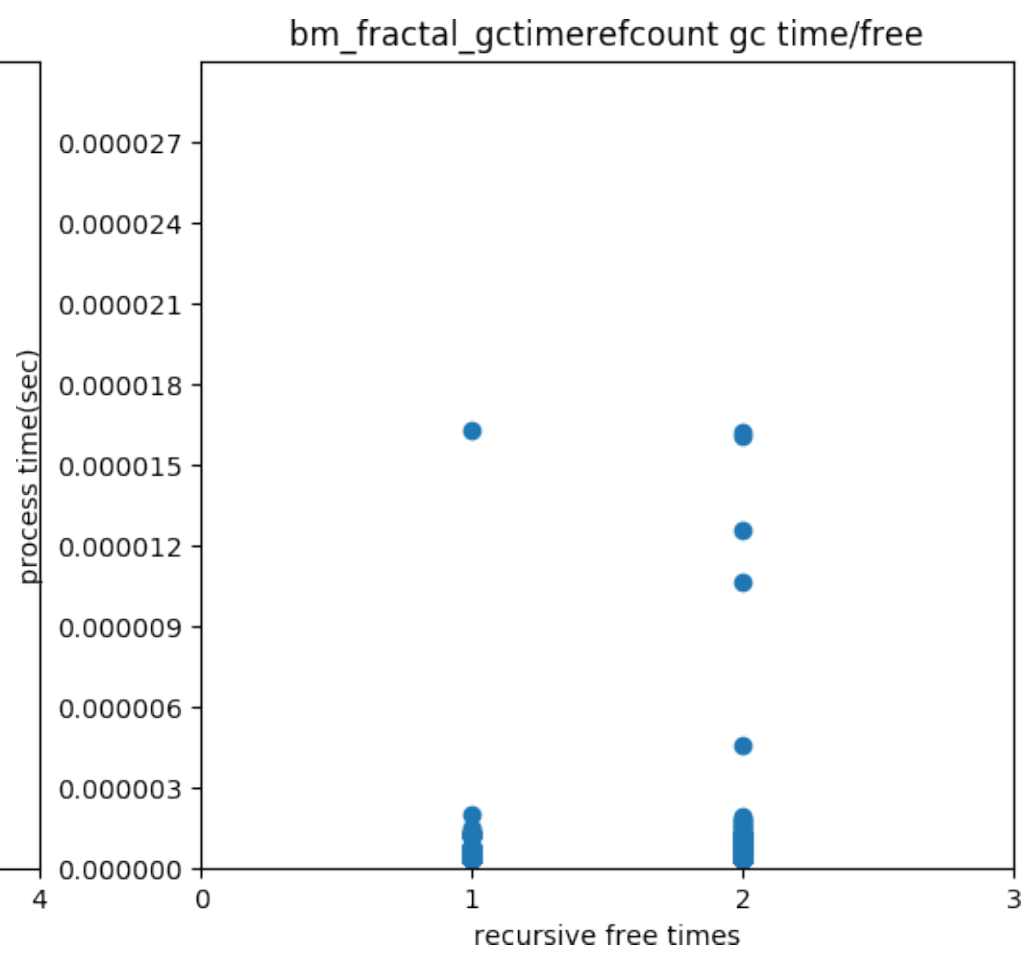
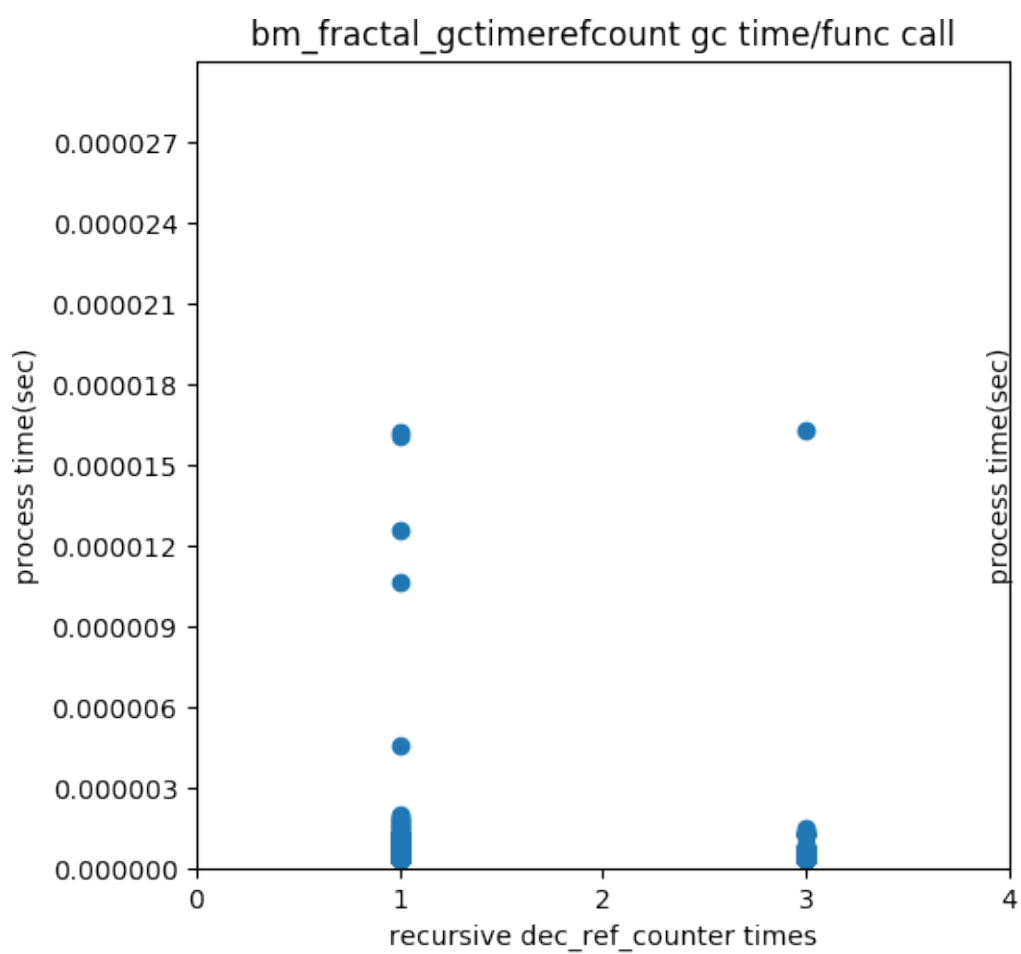


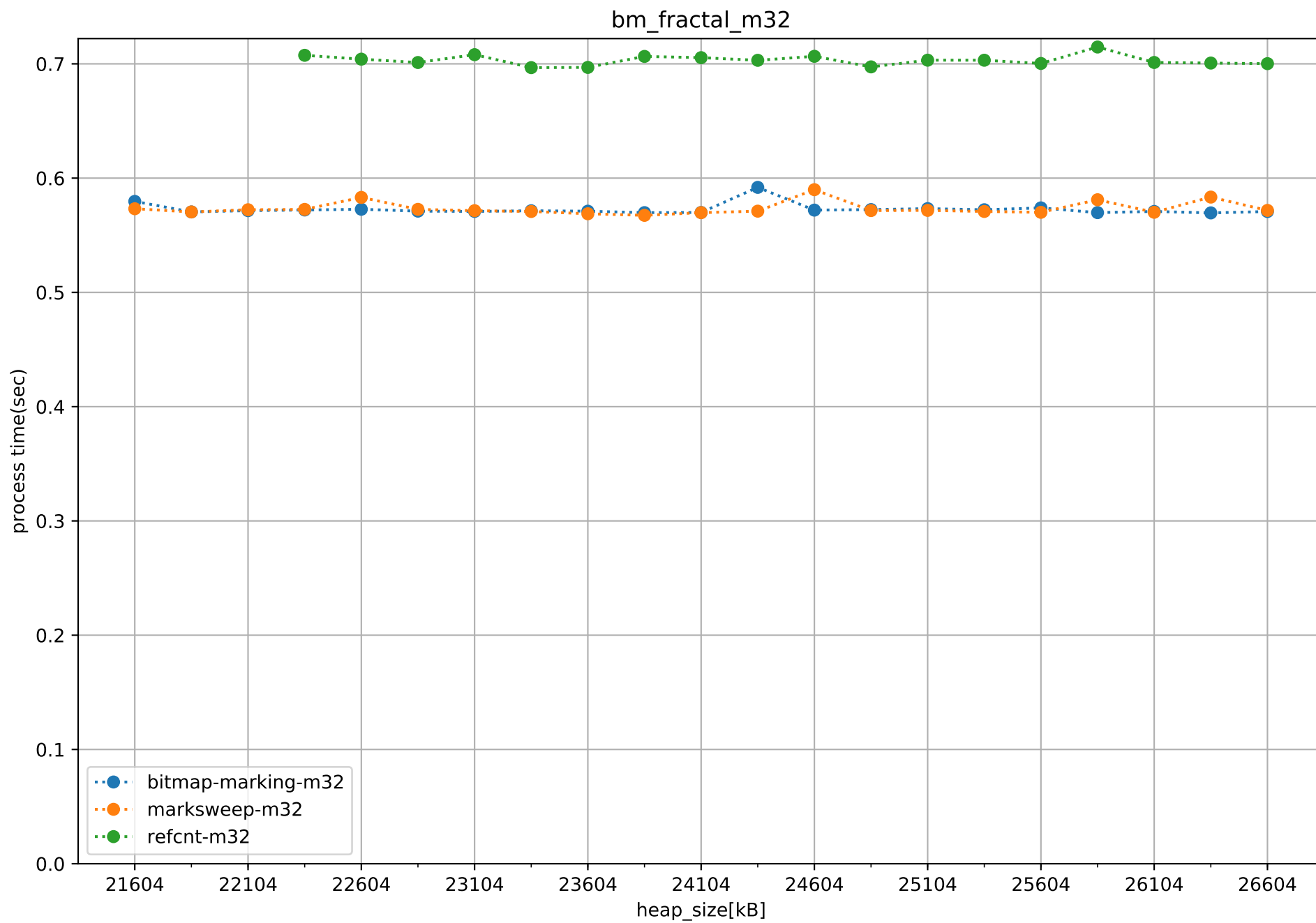
bm_fractal_gctime marksweep-measure-gc sweep time



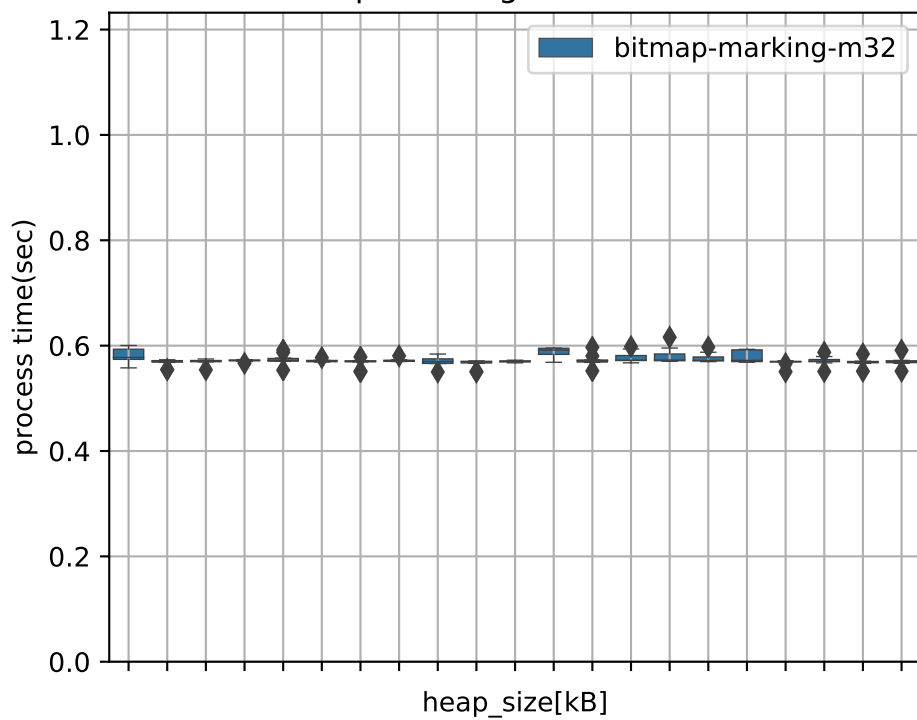
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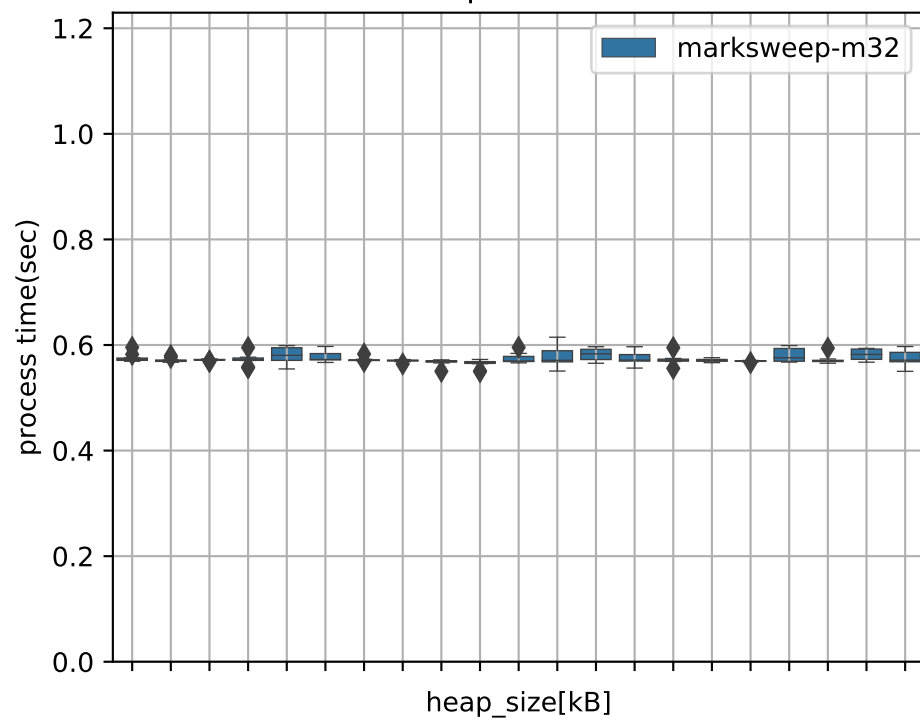




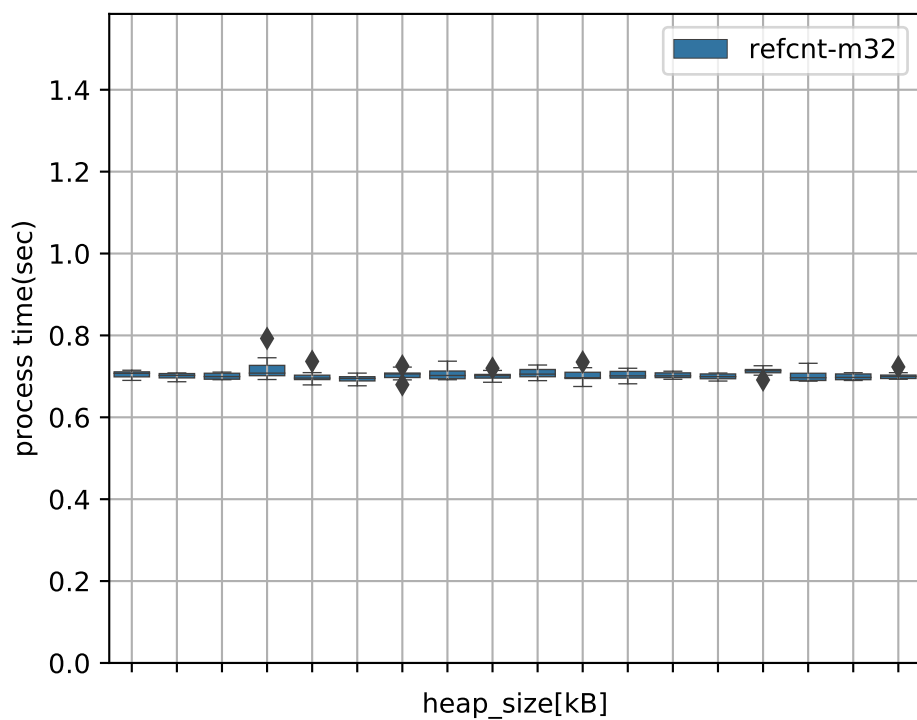
bitmap-marking-m32 total time

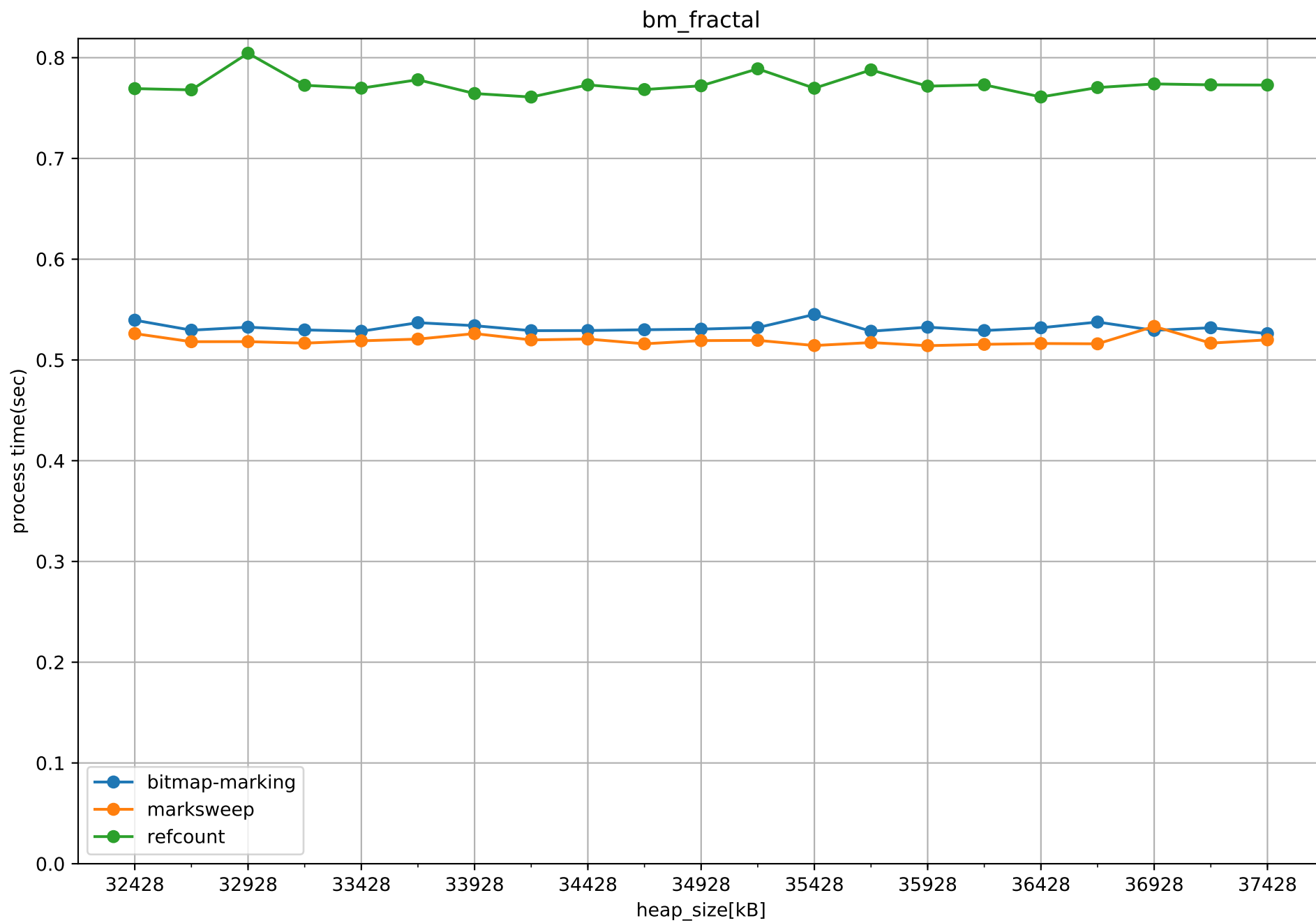


marksweep-m32 total time

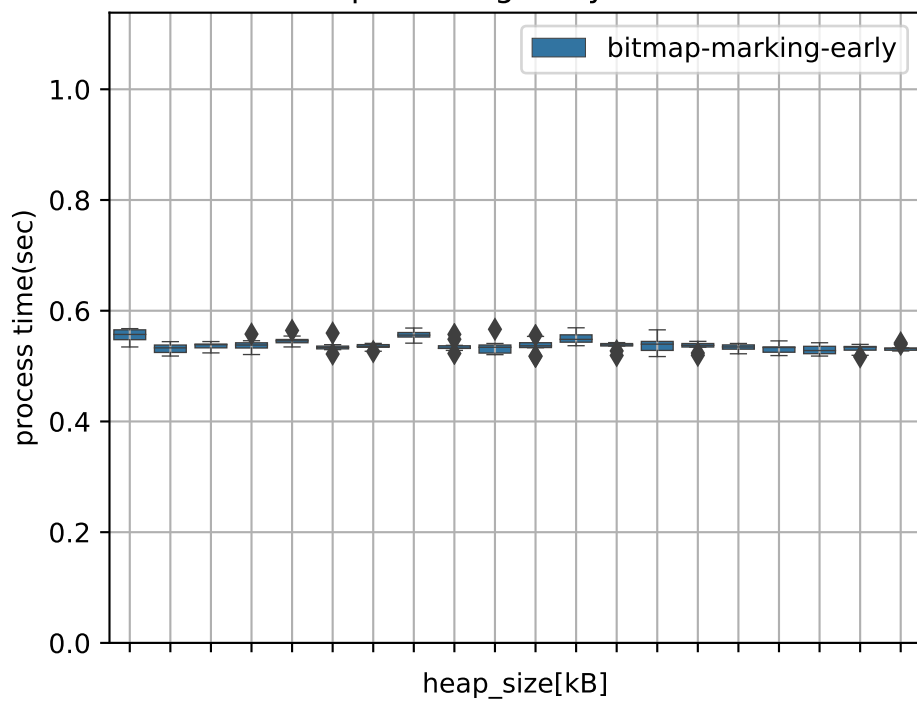


refcnt-m32 total time

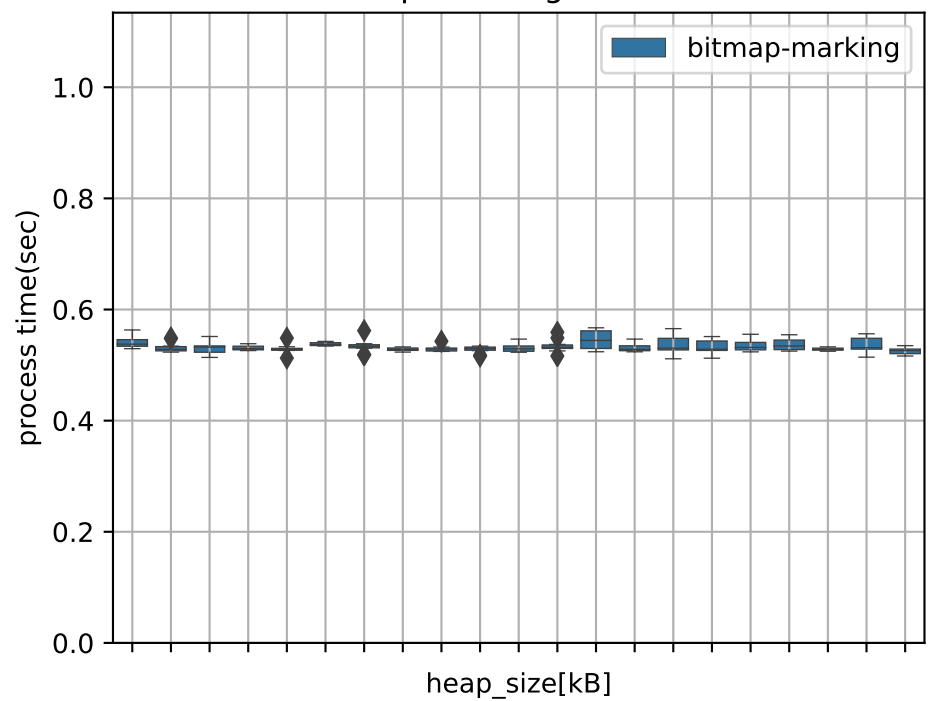




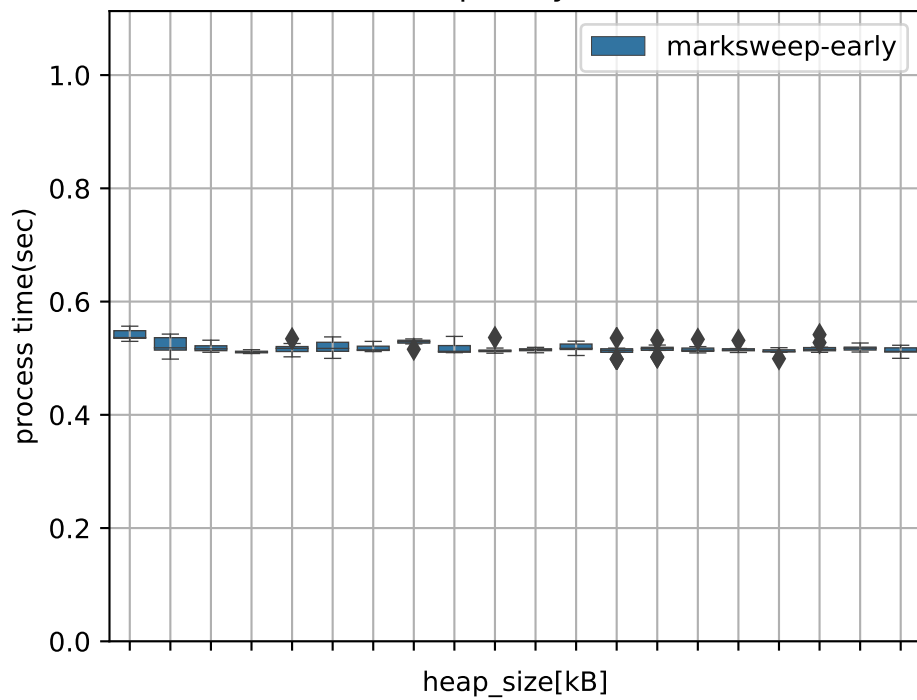
bitmap-marking-early total time



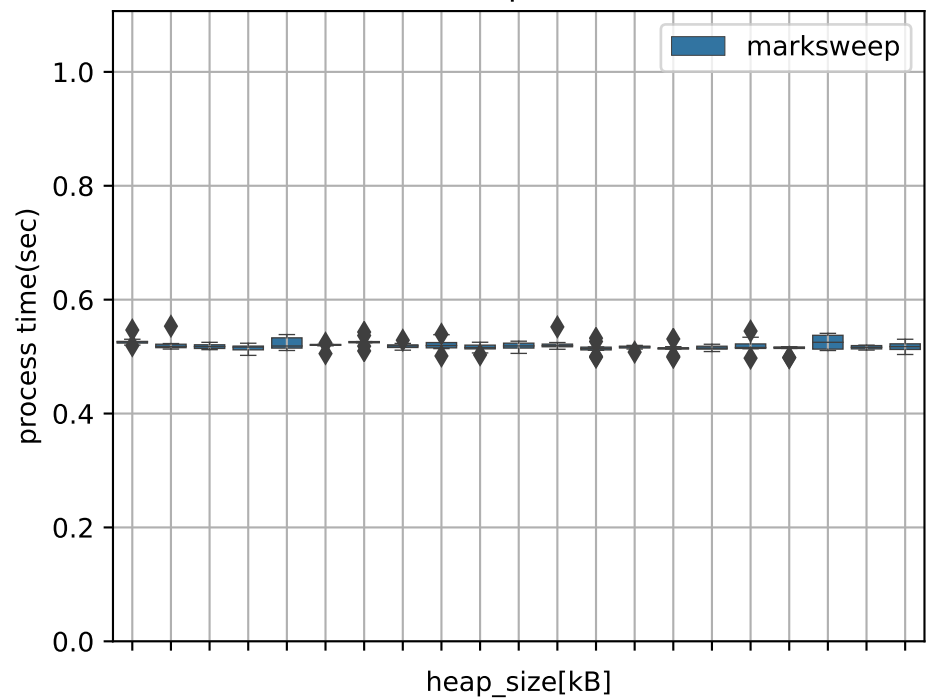
bitmap-marking total time



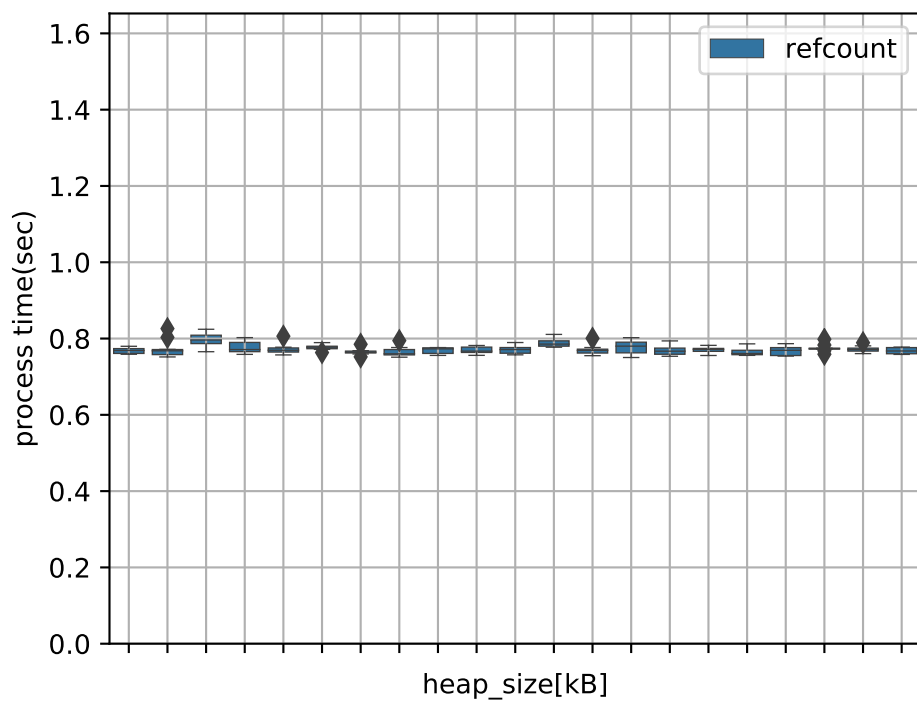
marksweep-early total time

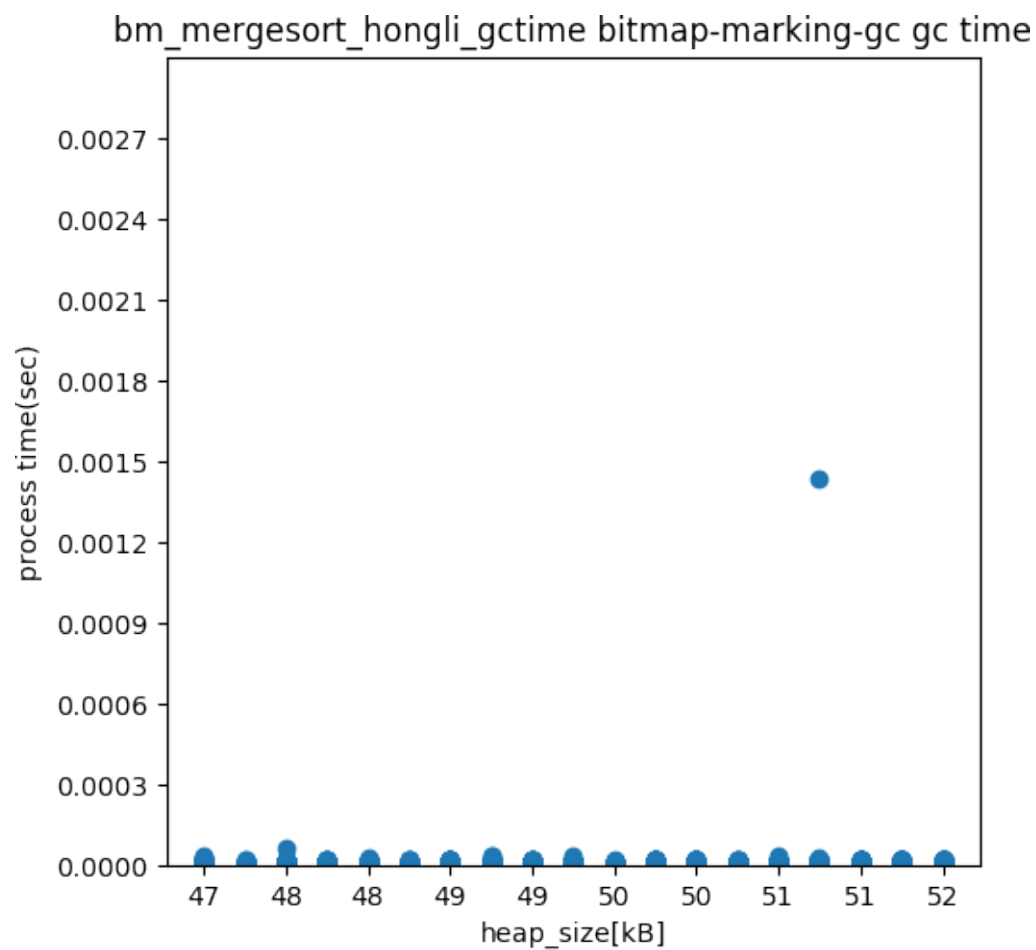
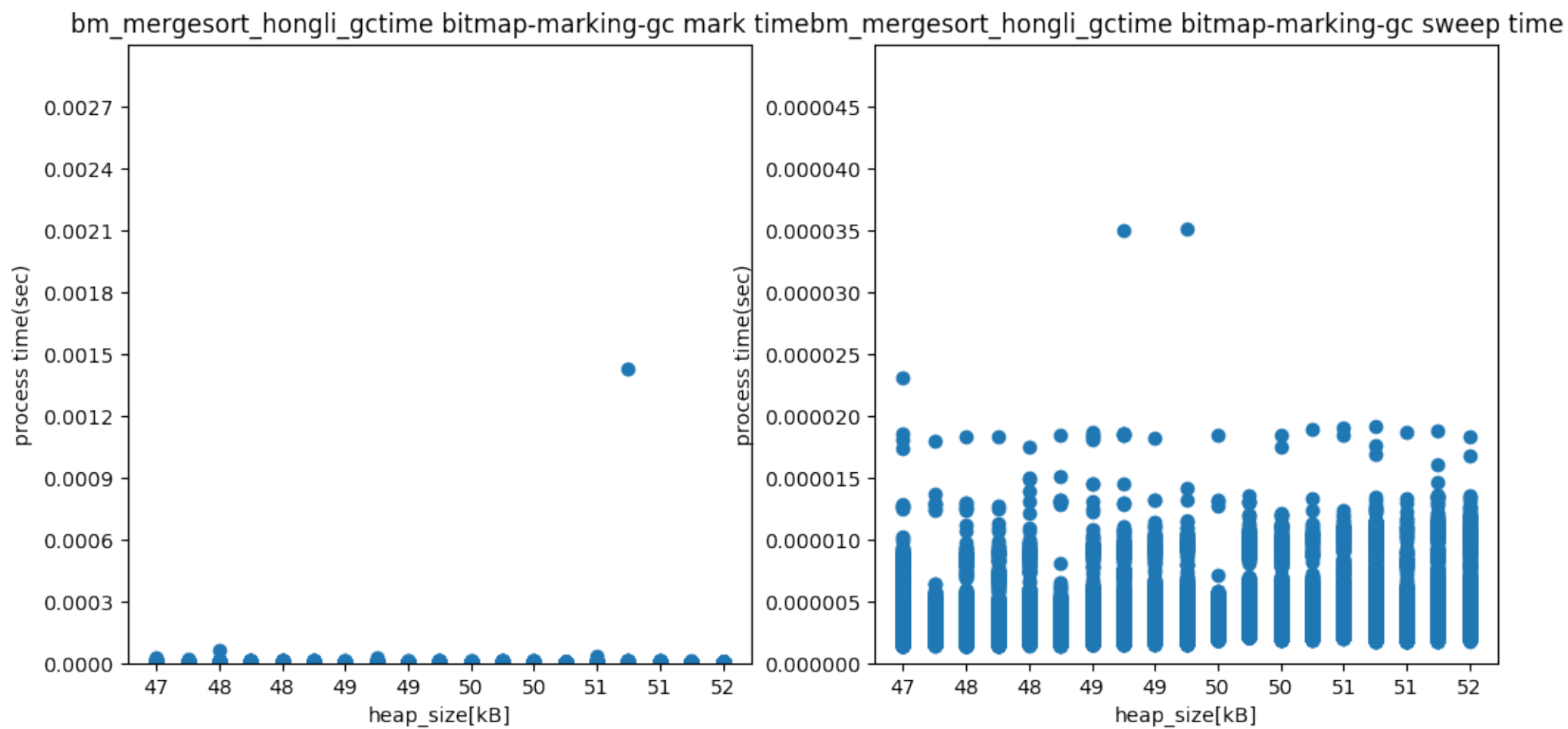


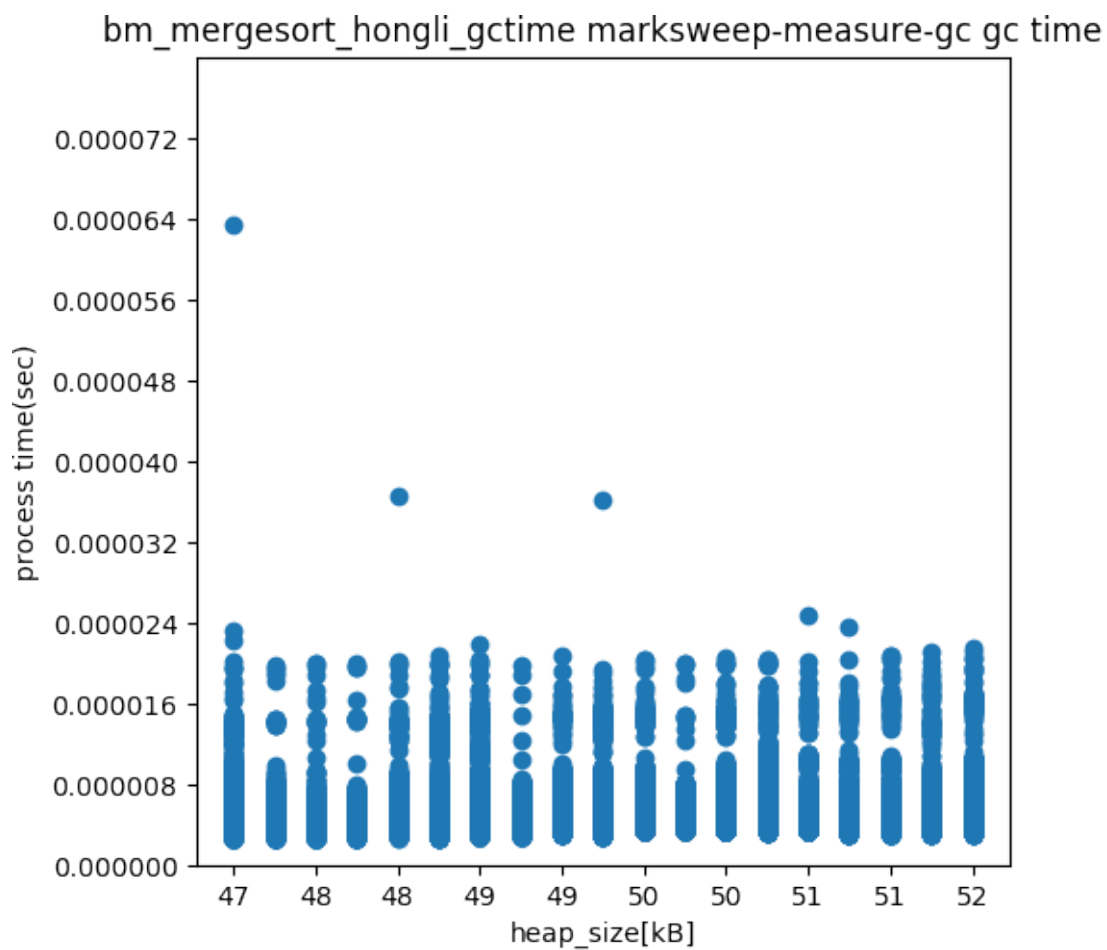
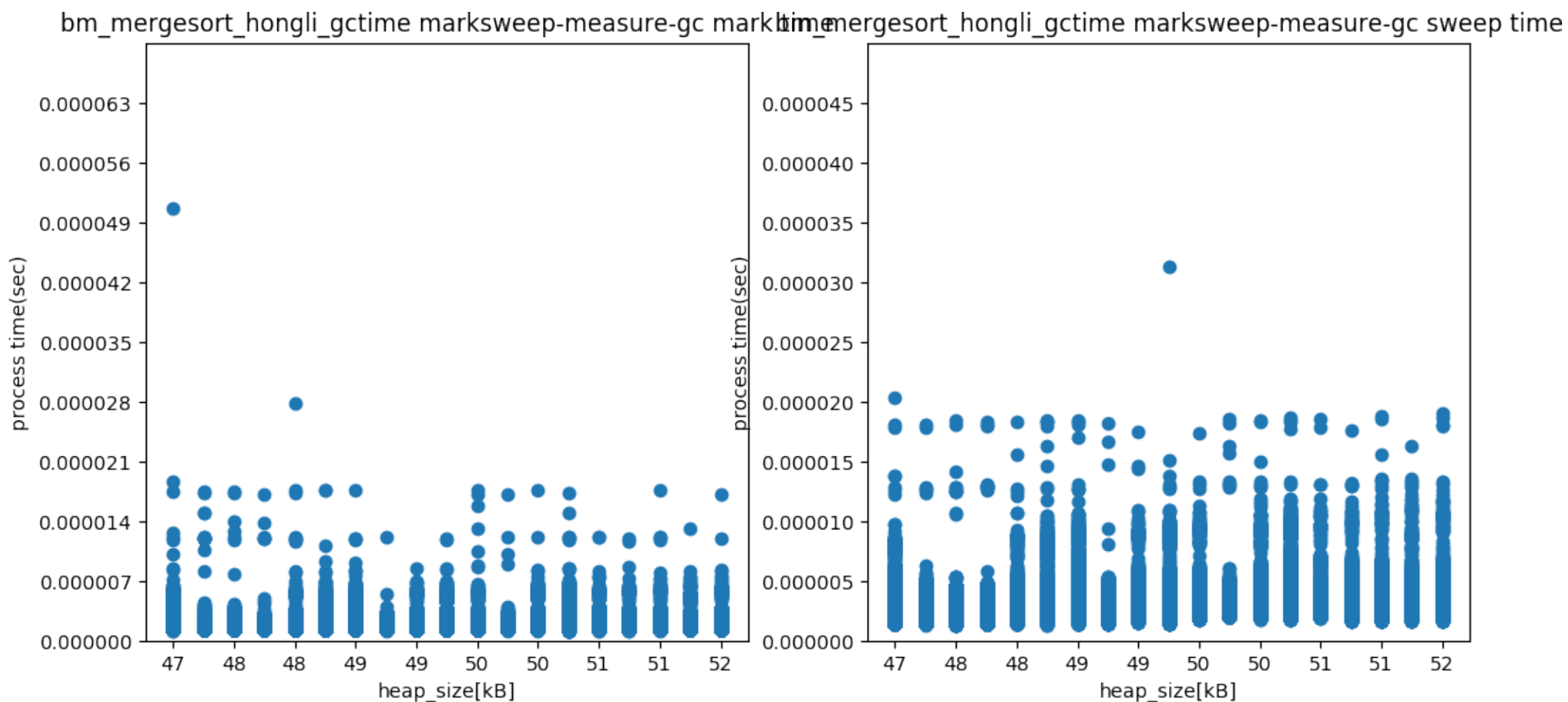
marksweep total time



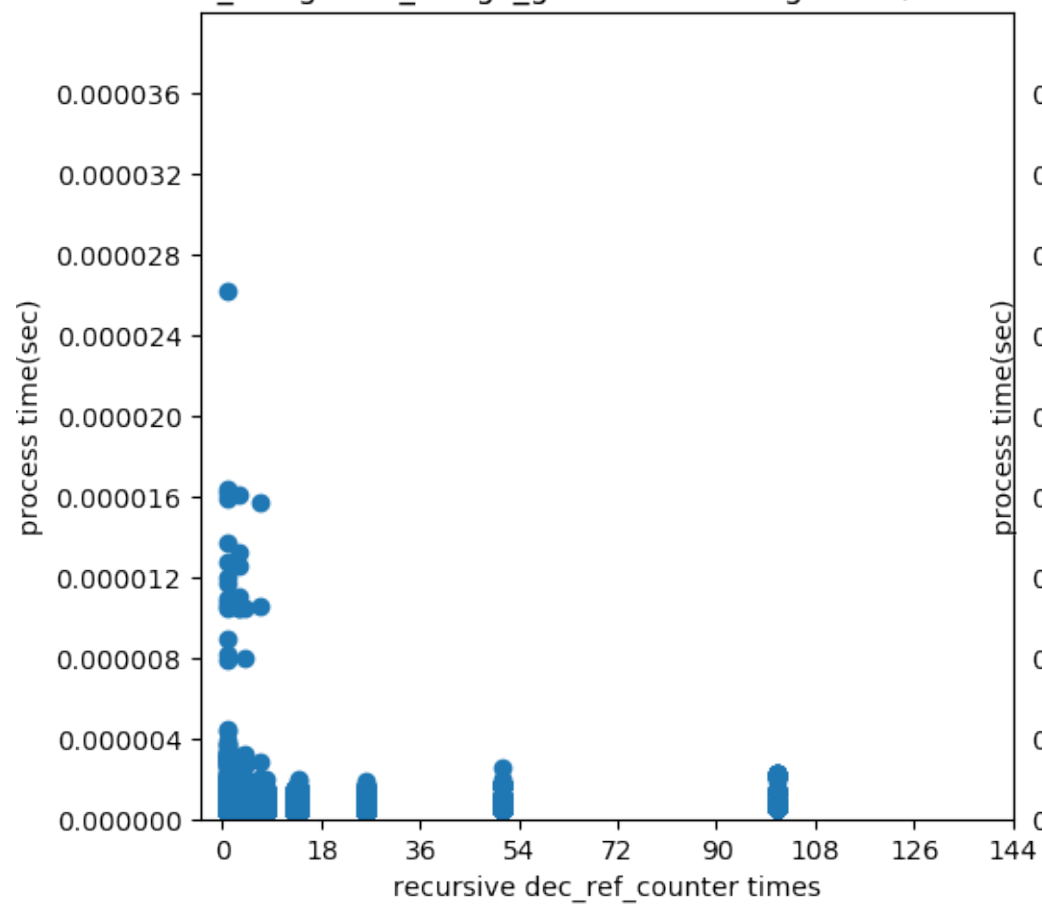
refcount total time



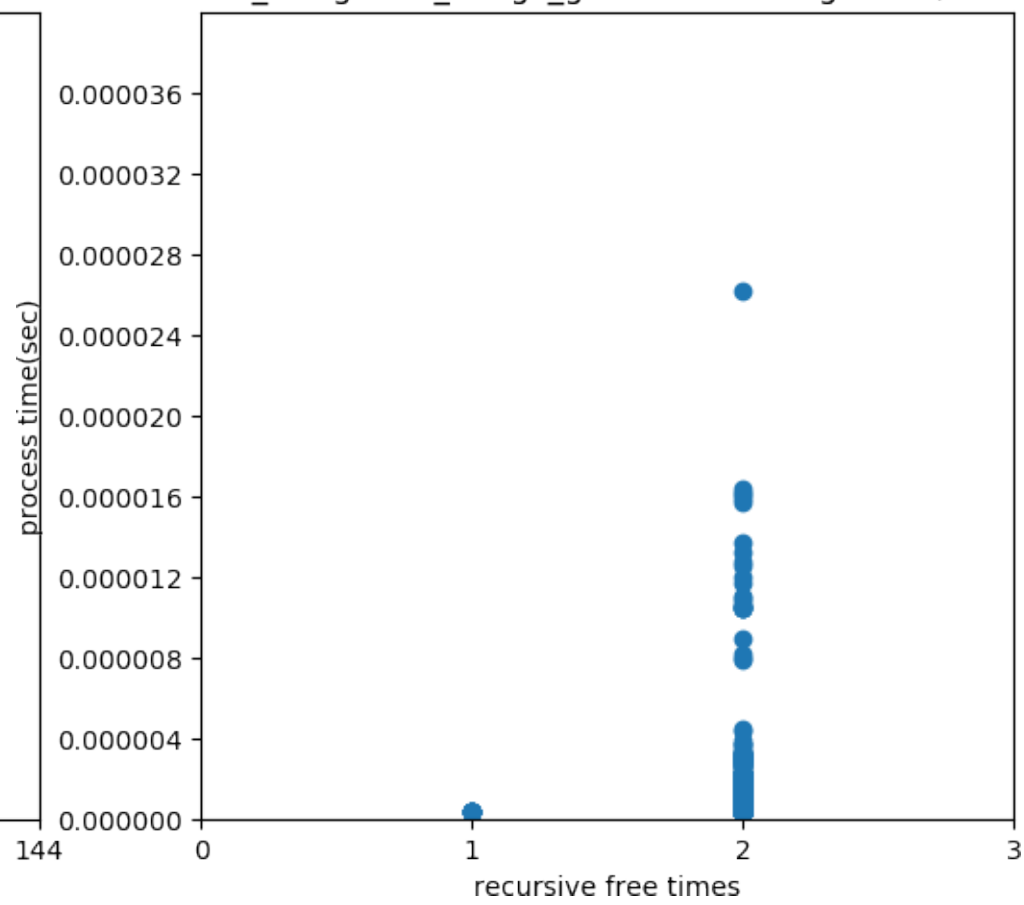




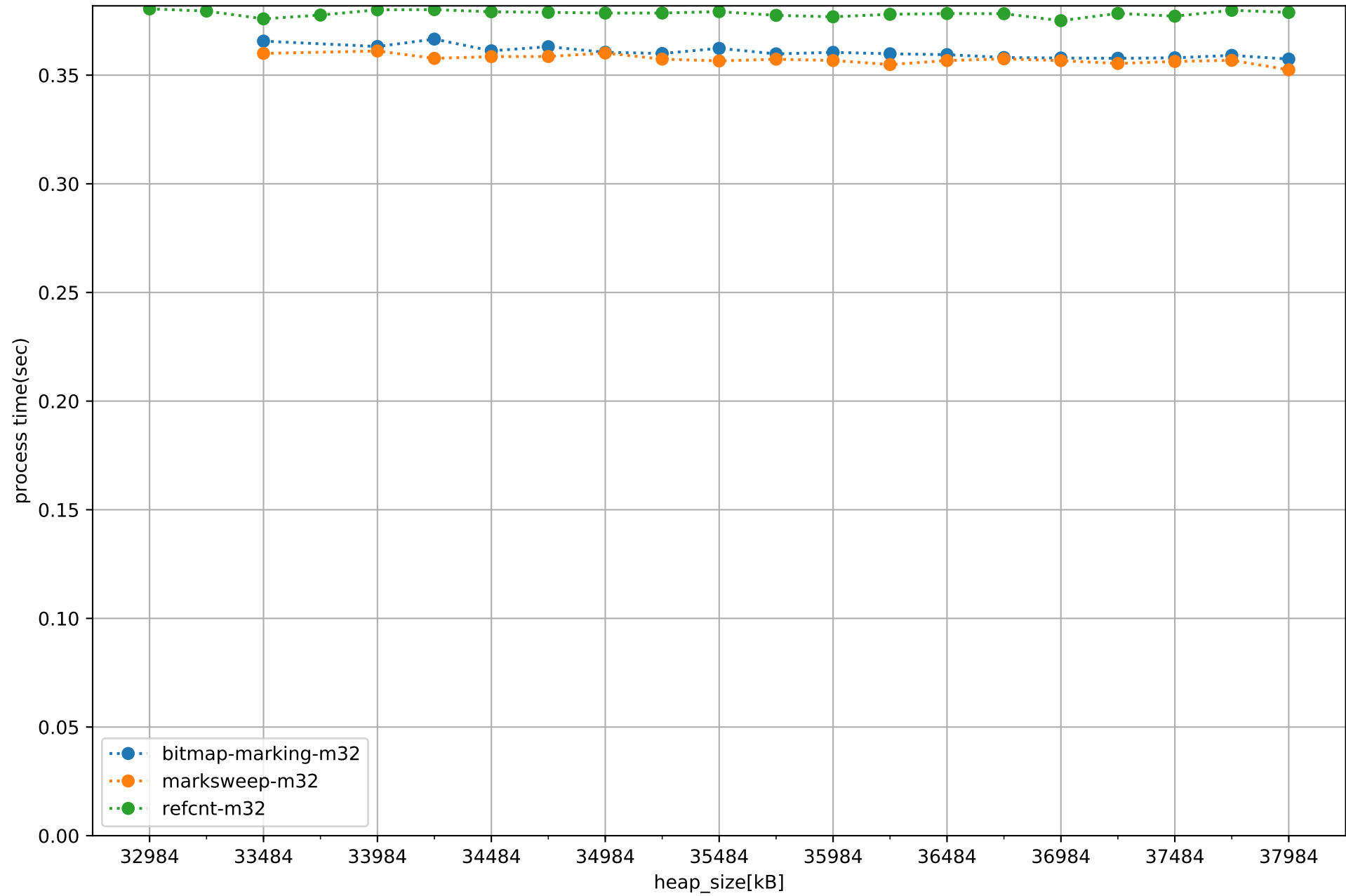
bm_mergesort_hongli_gctimerefcount gc time/func call



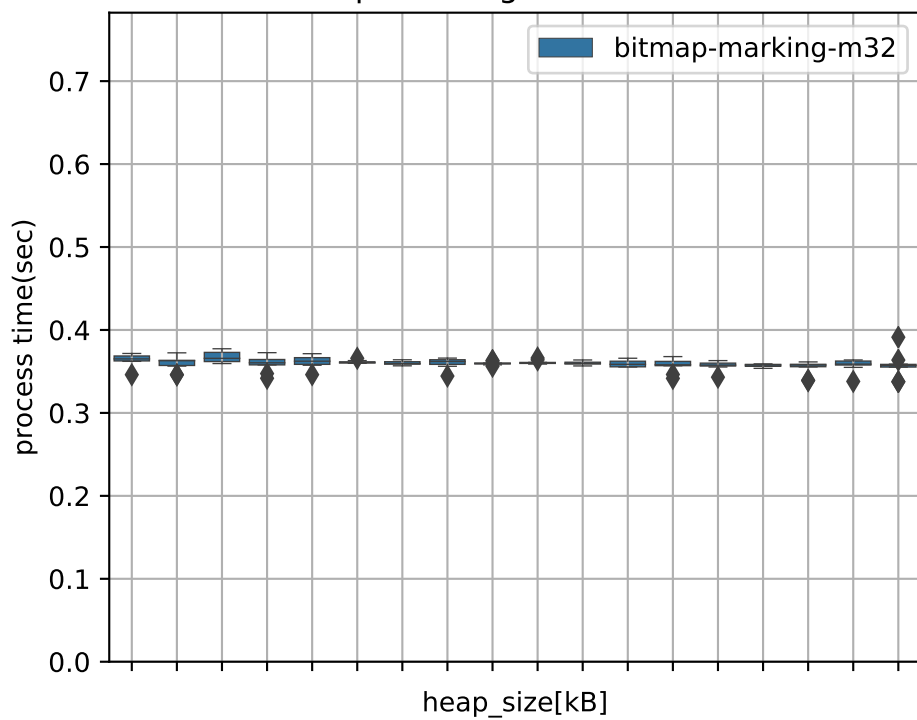
bm_mergesort_hongli_gctimerefcount gc time/free



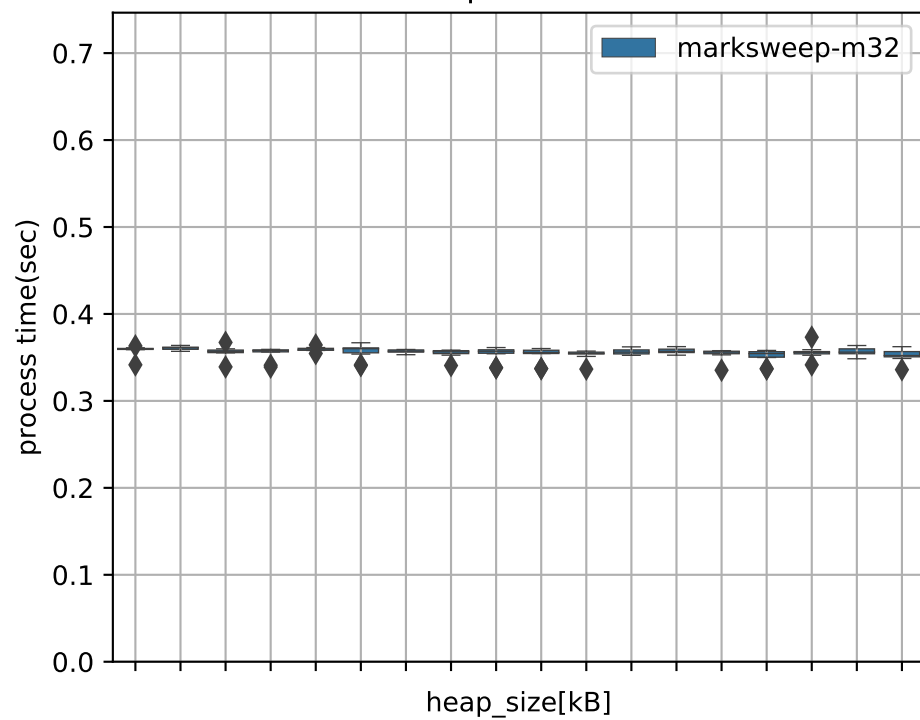
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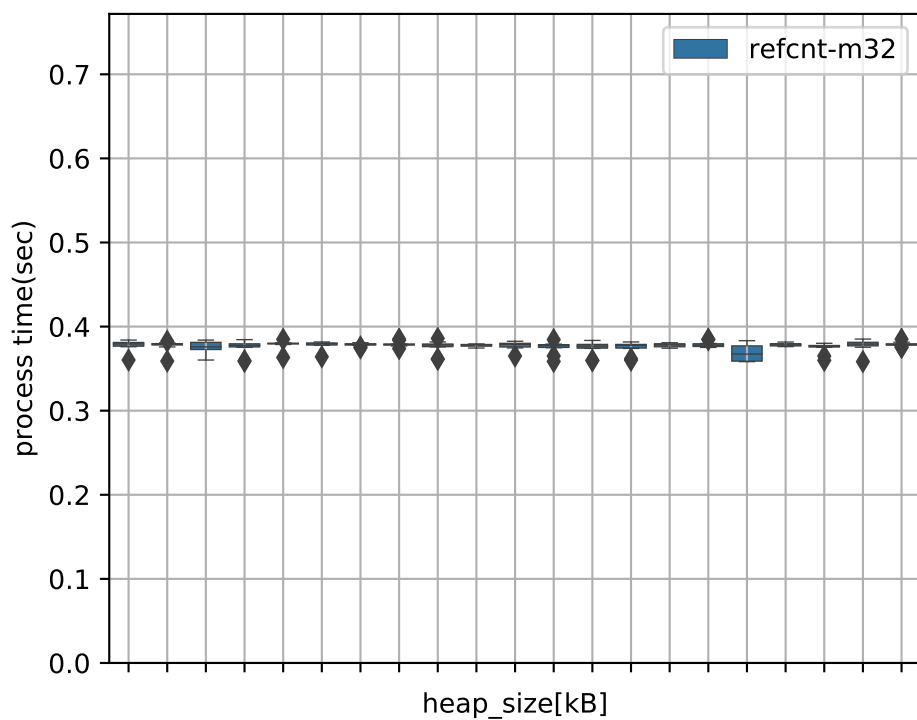
bitmap-marking-m32 total time

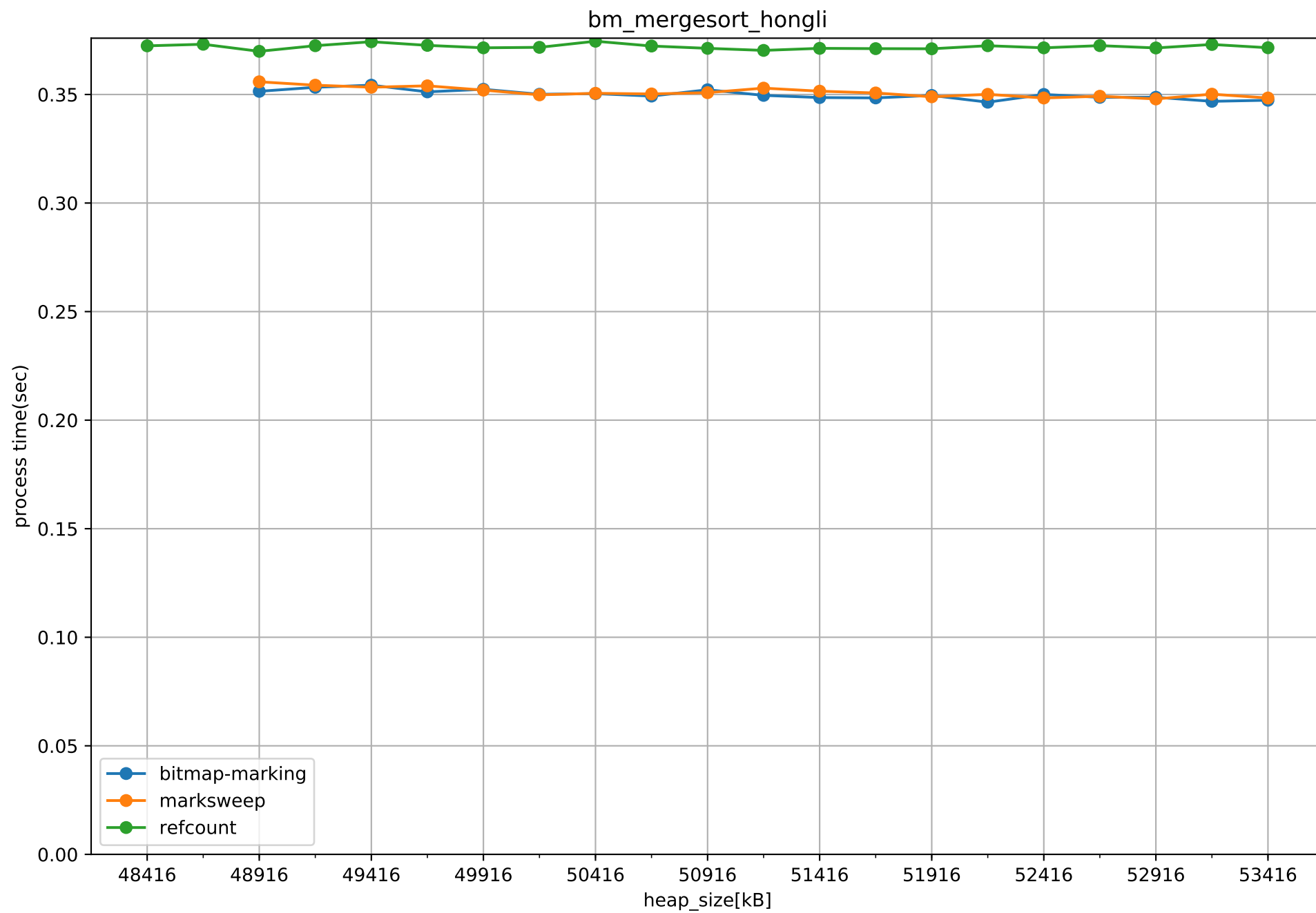


marksweep-m32 total time

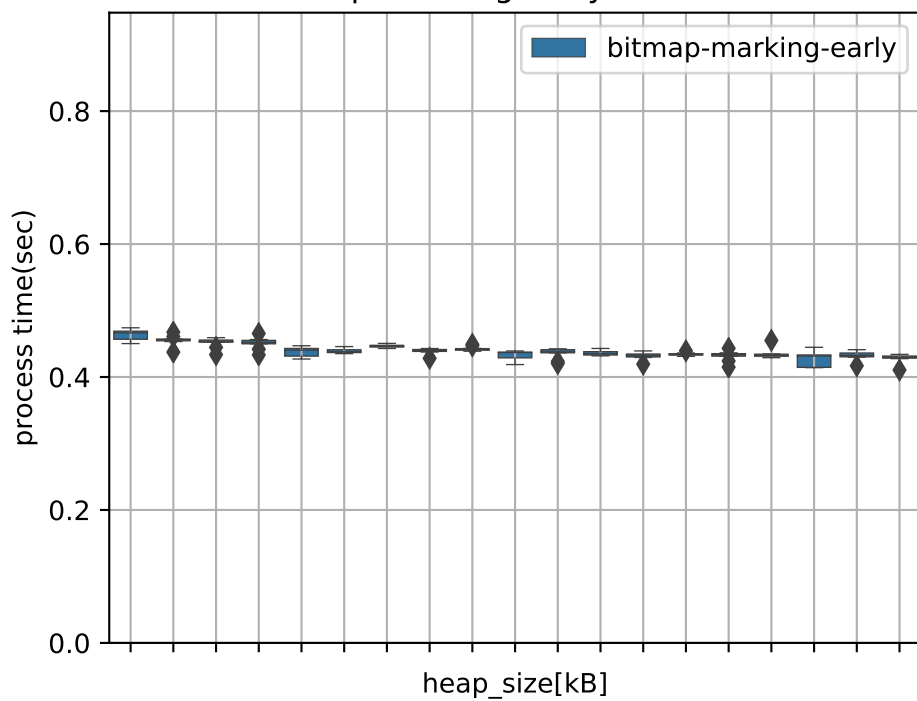


refcnt-m32 total time

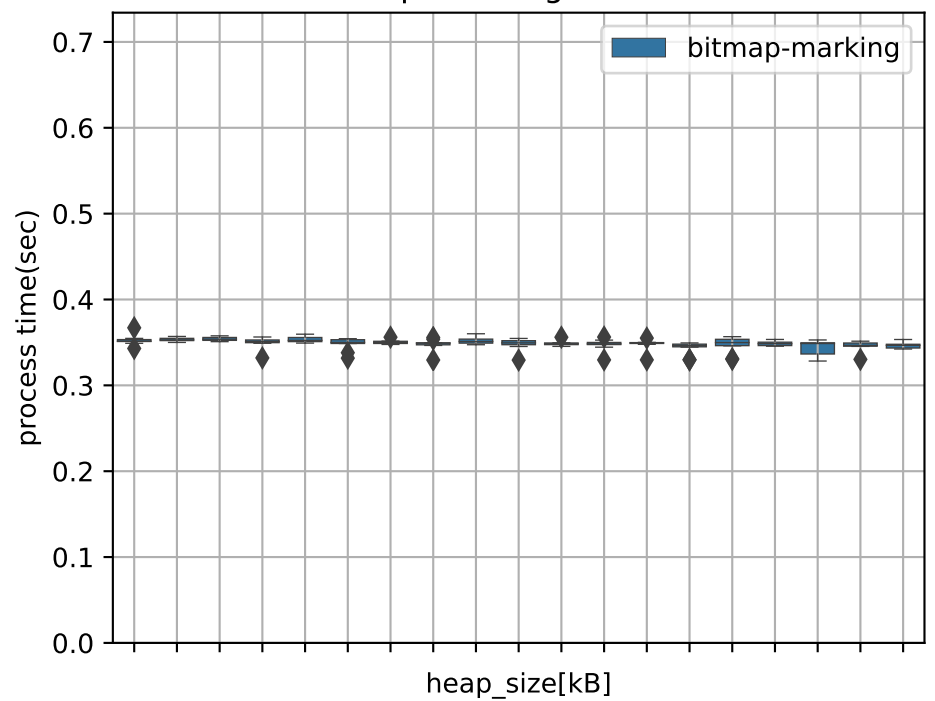




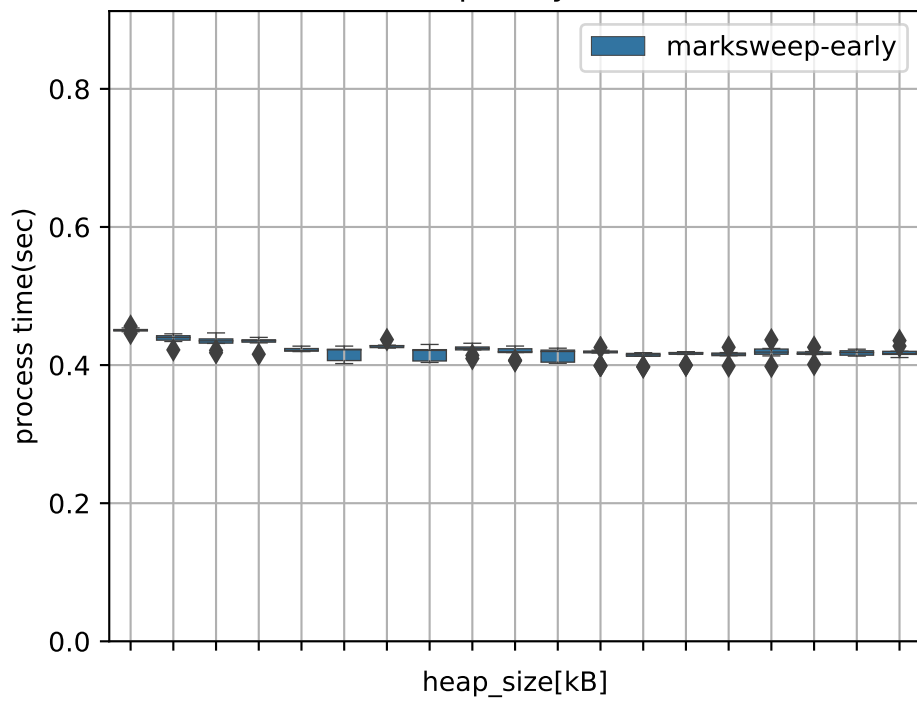
bitmap-marking-early total time



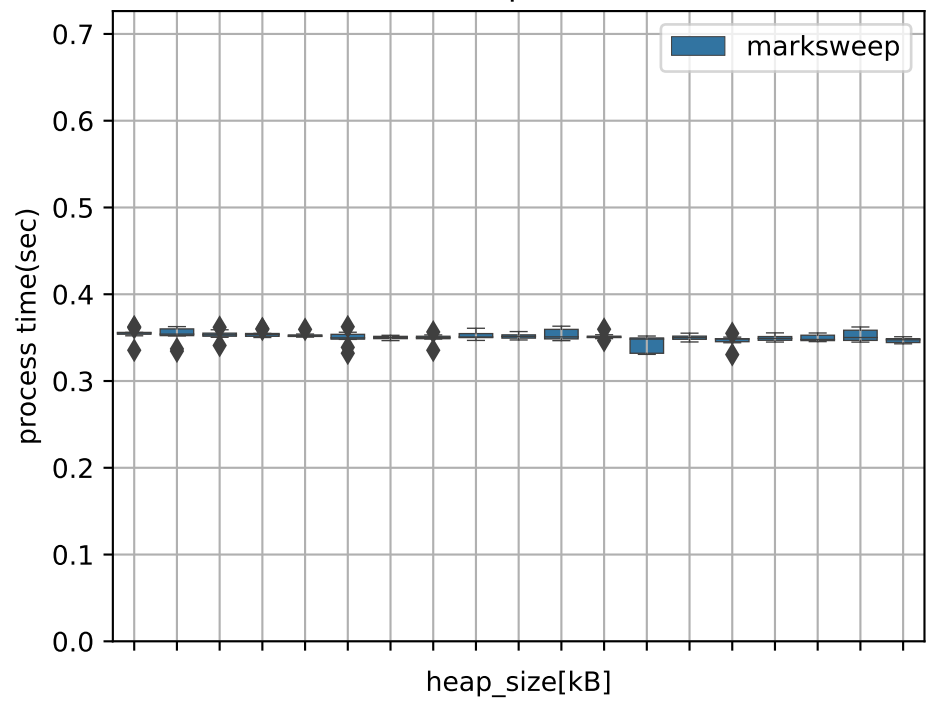
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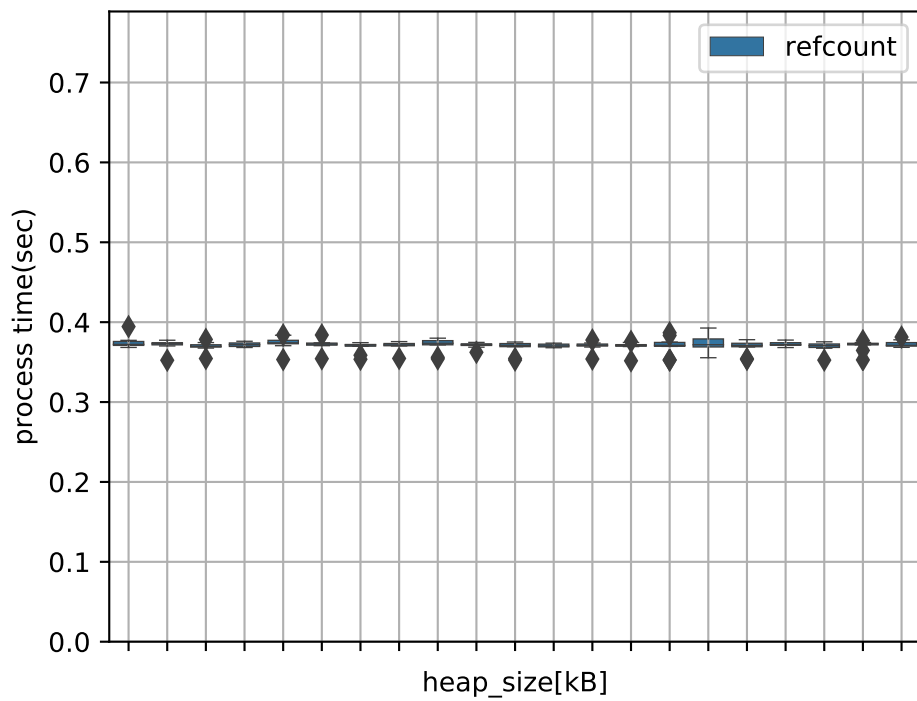
marksweep-early total time



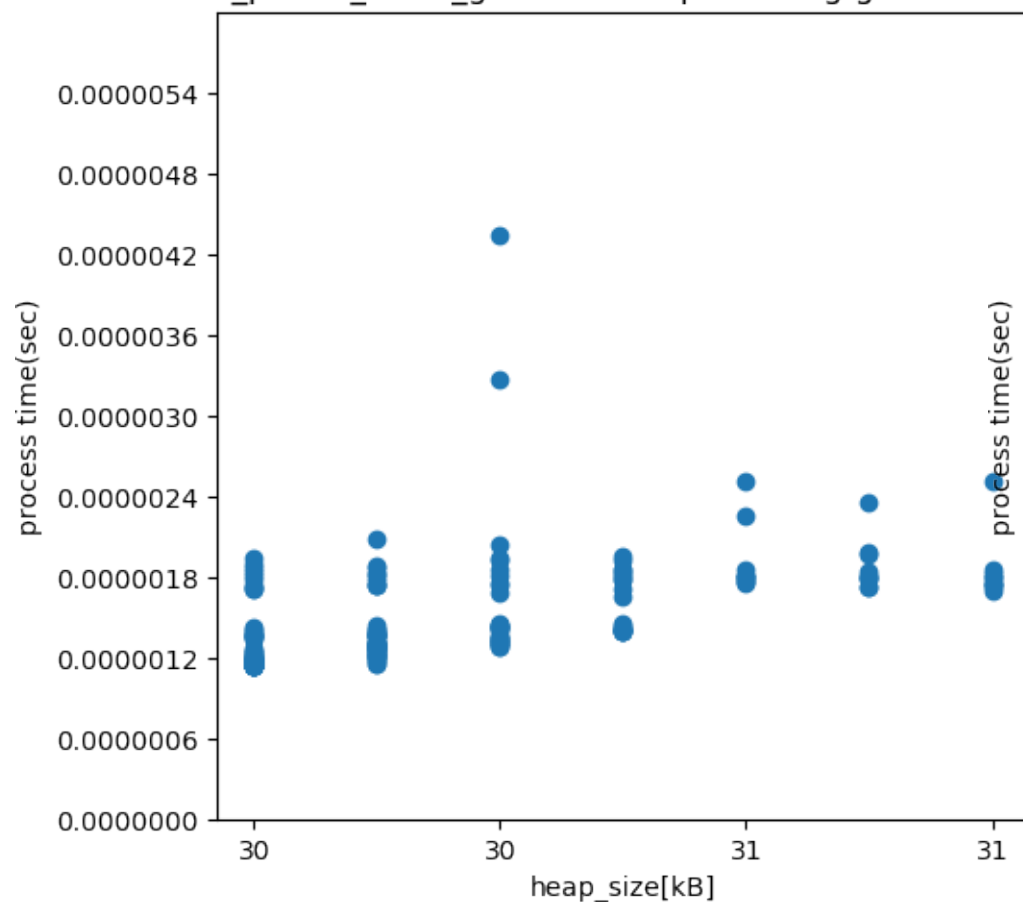
marksweep total time



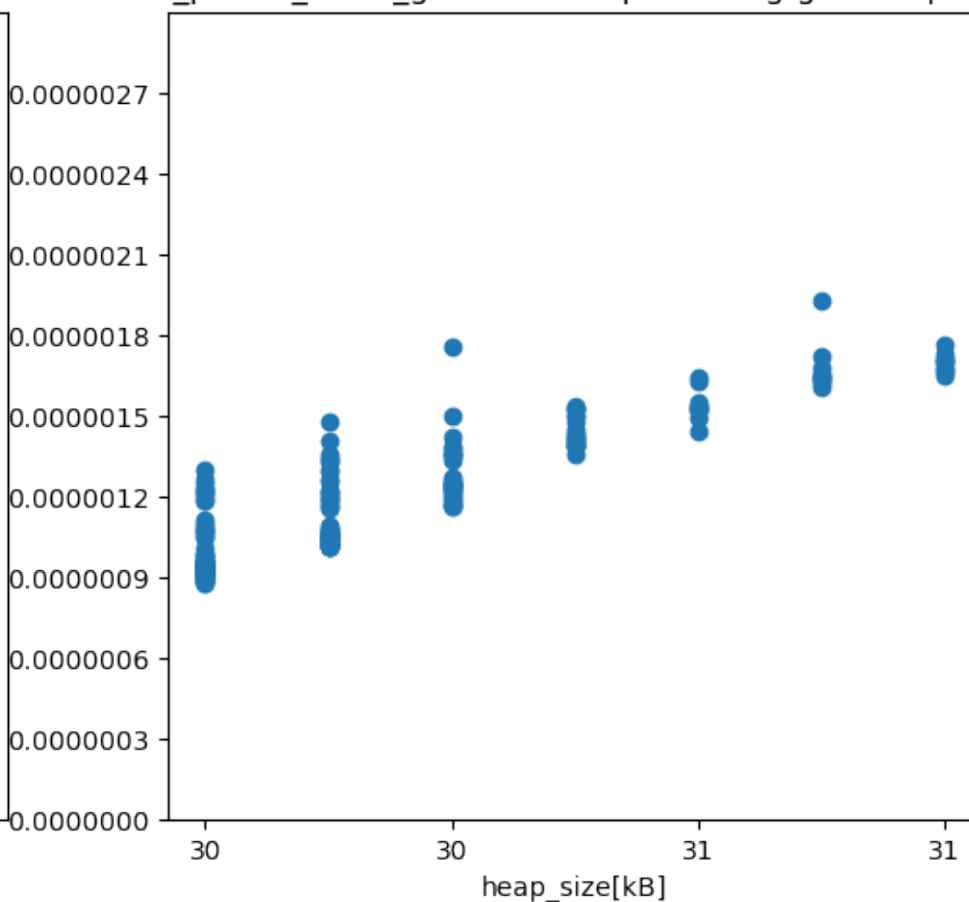
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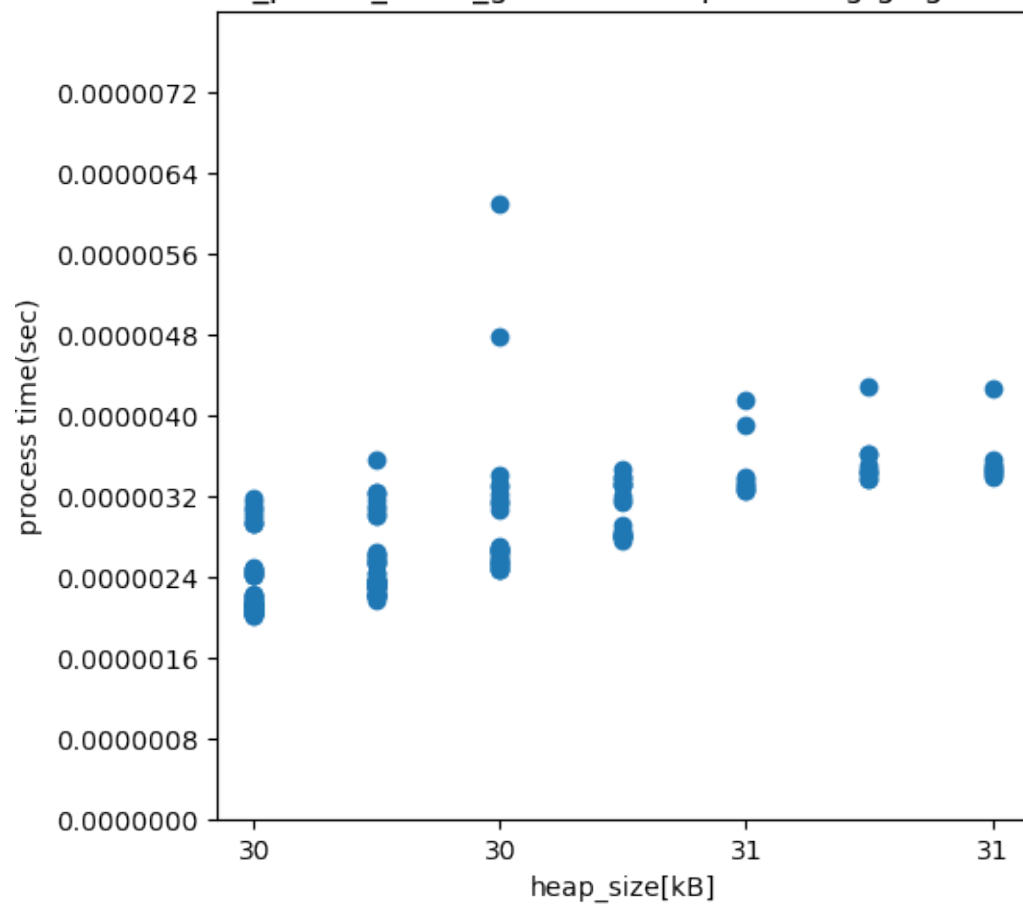
bm_partial_sums_gctime bitmap-marking-gc mark time



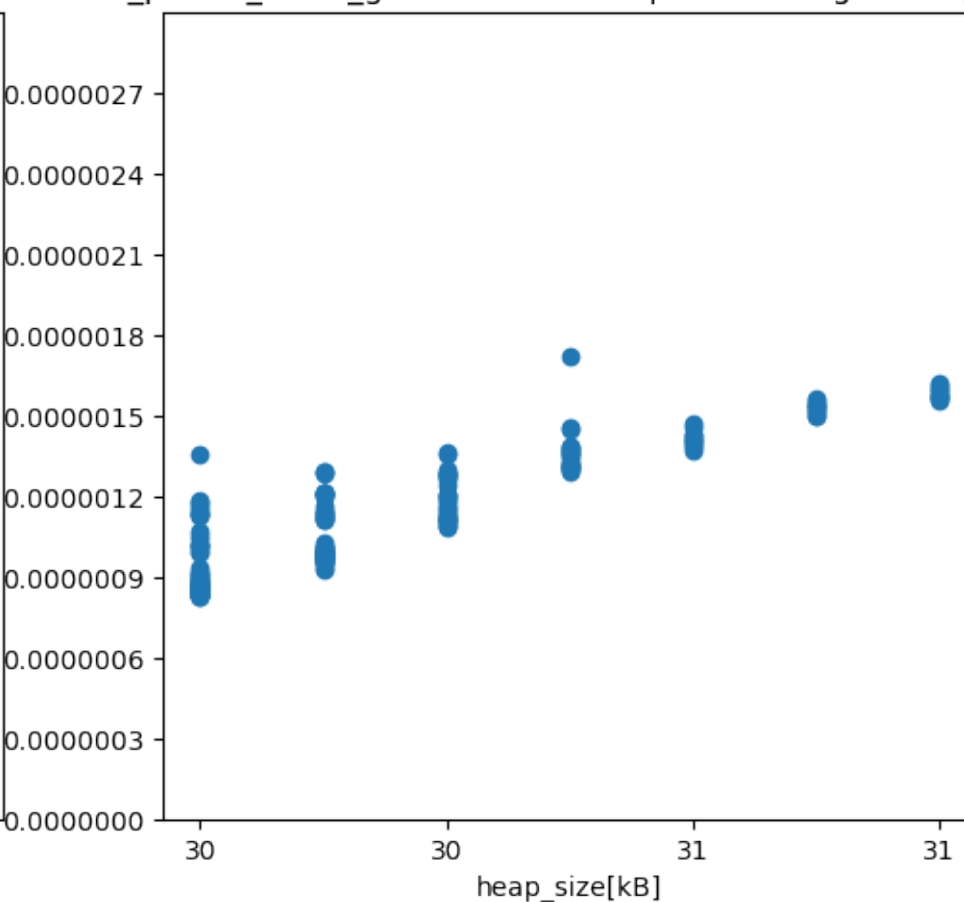
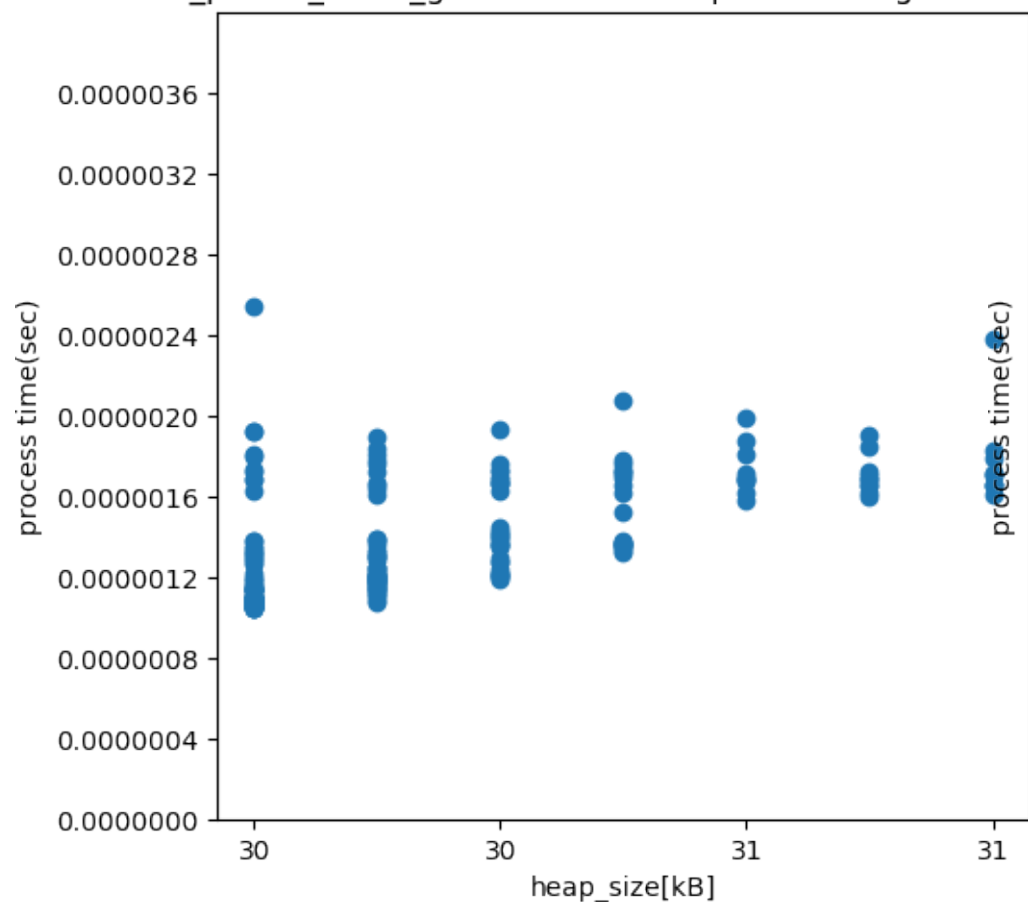
bm_partial_sums_gctime bitmap-marking-gc sweep time



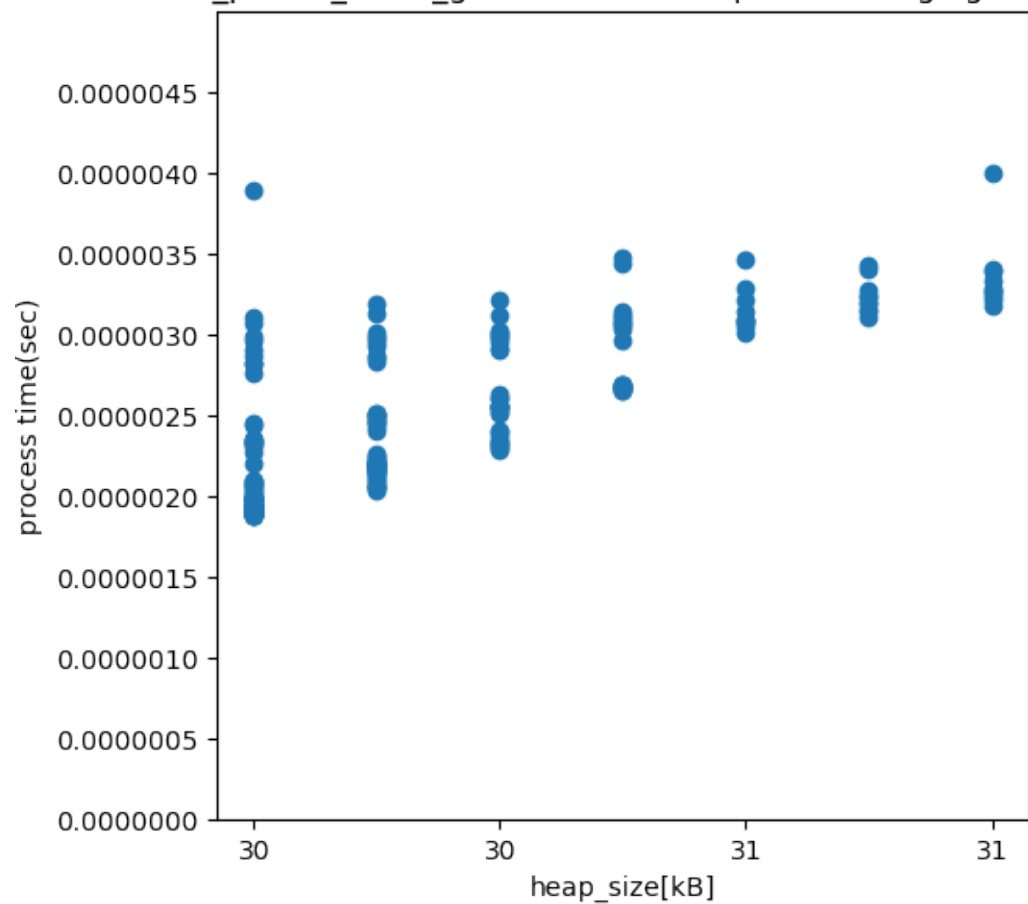
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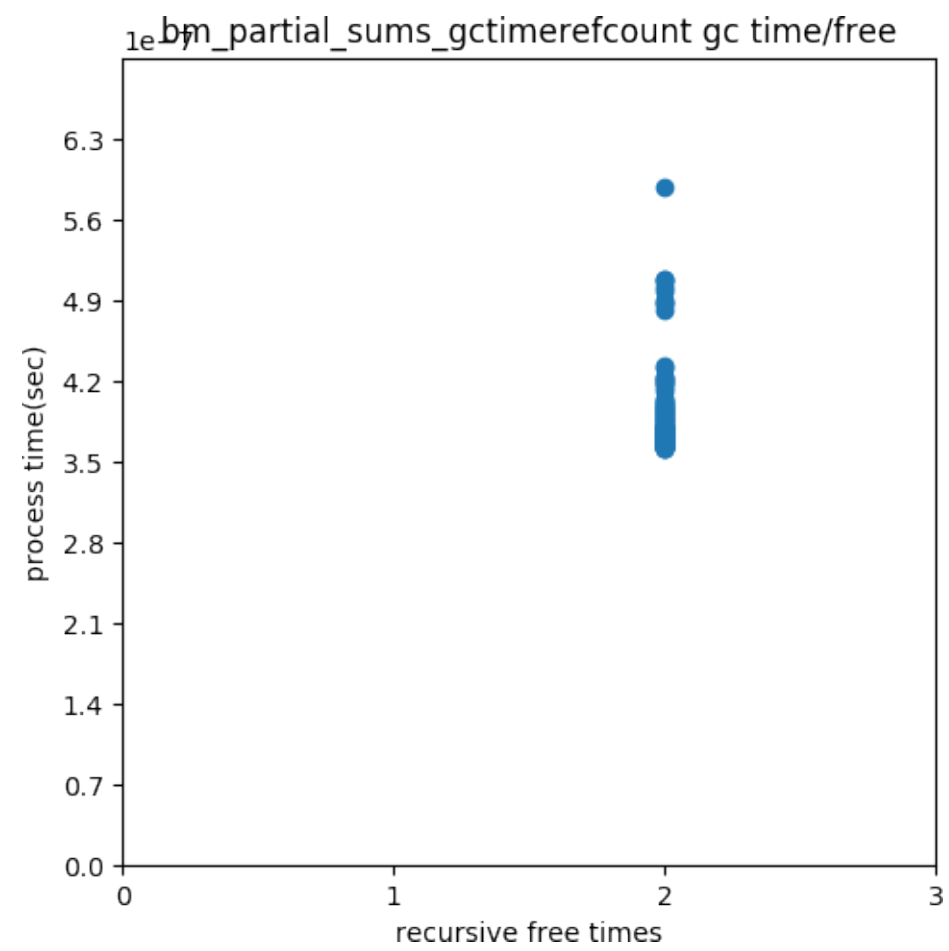
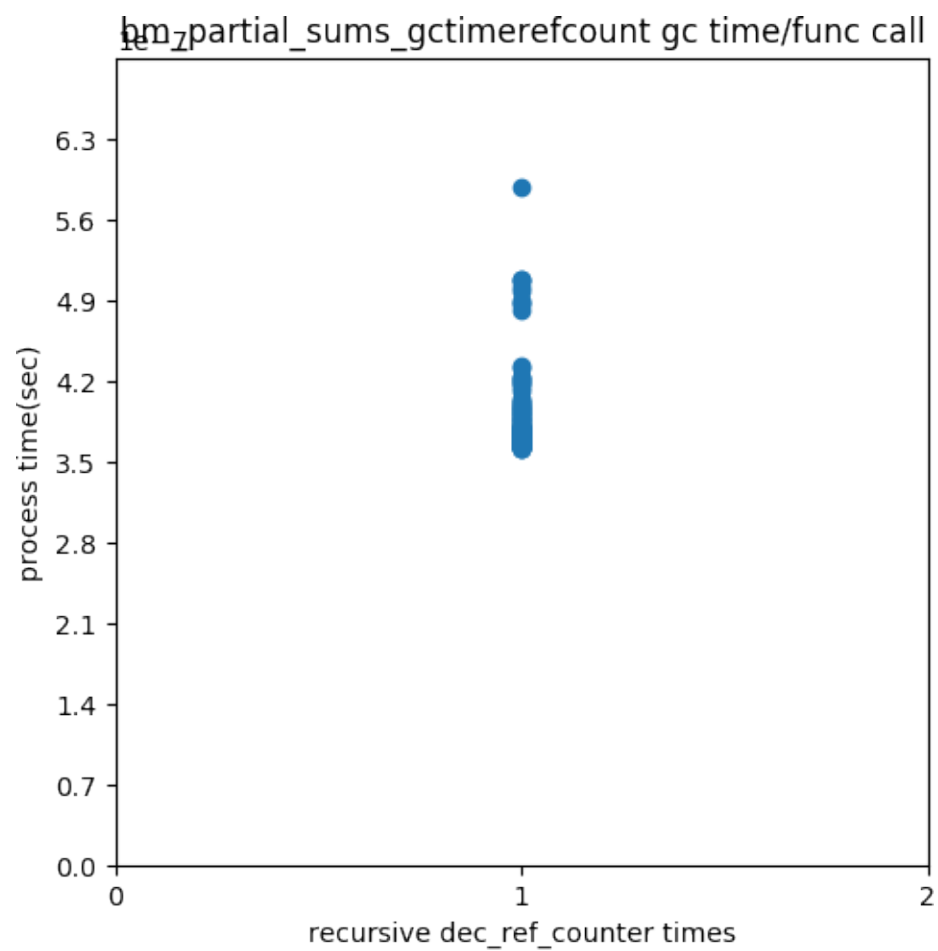


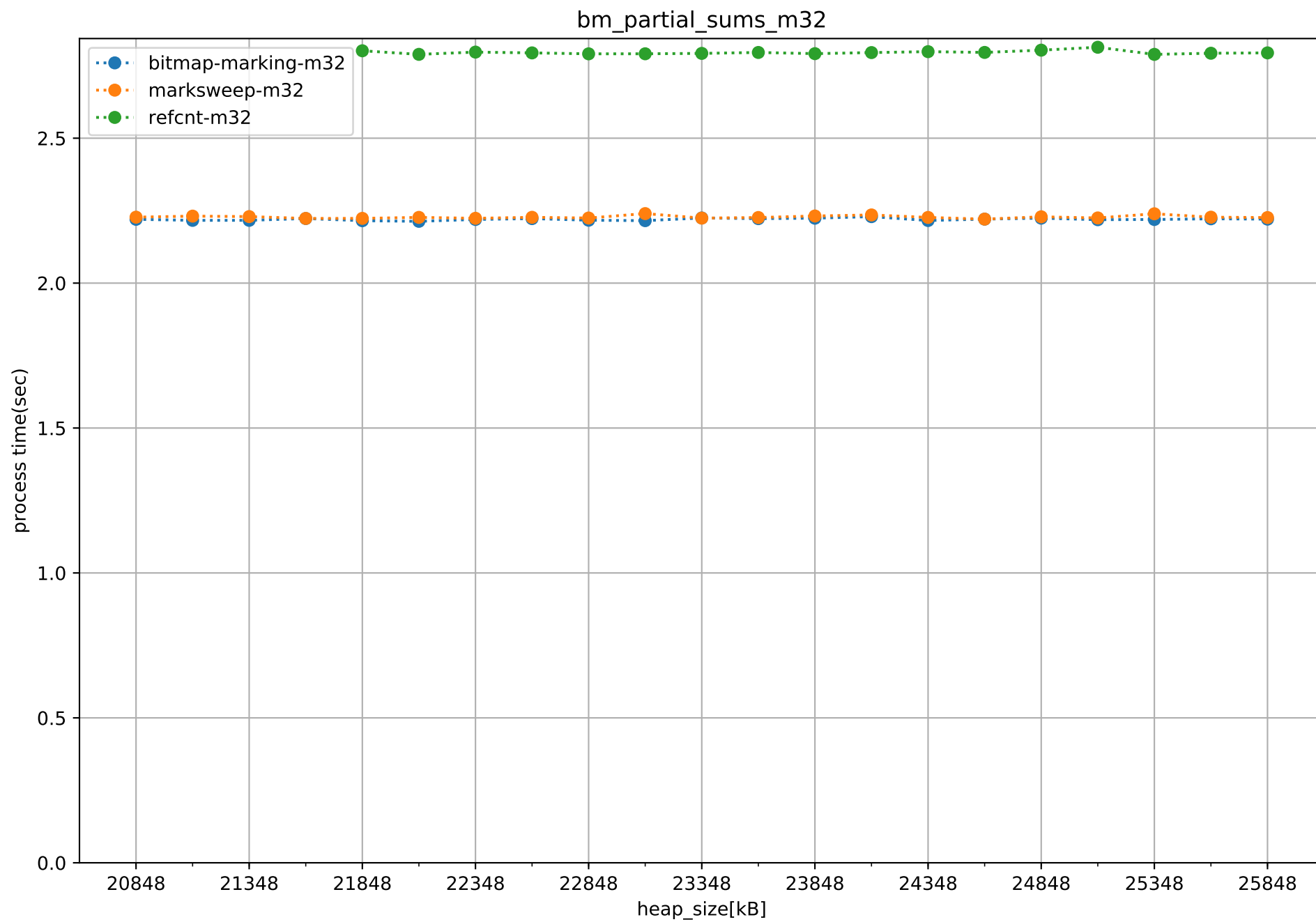
bm_partial_sums_gctime markswep-measure-gc mark timebm_partial_sums_gctime markswep-measure-gc sweep time



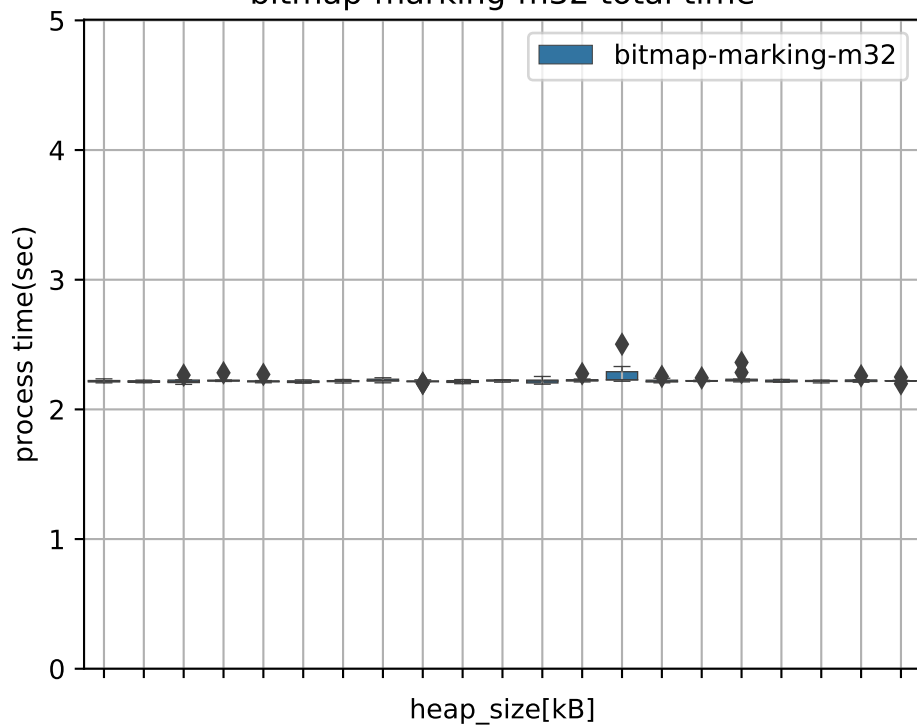
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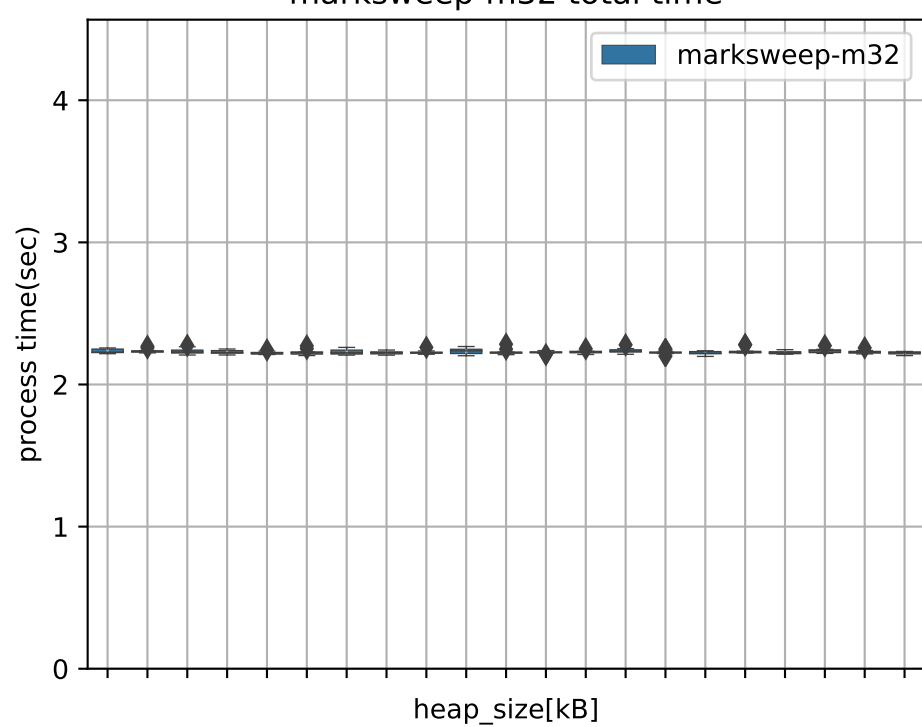




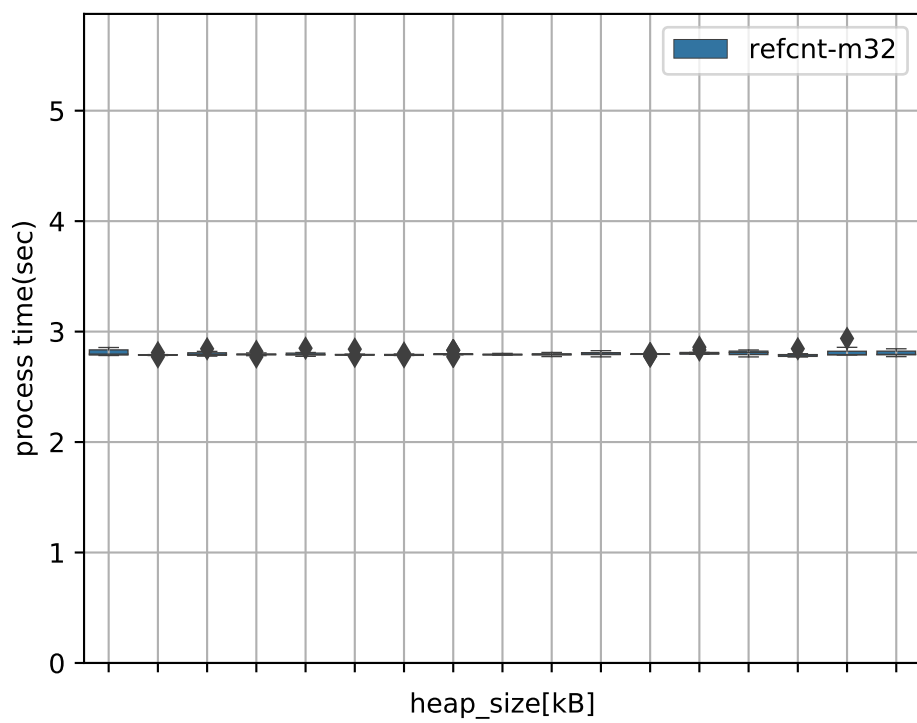
bitmap-marking-m32 total time

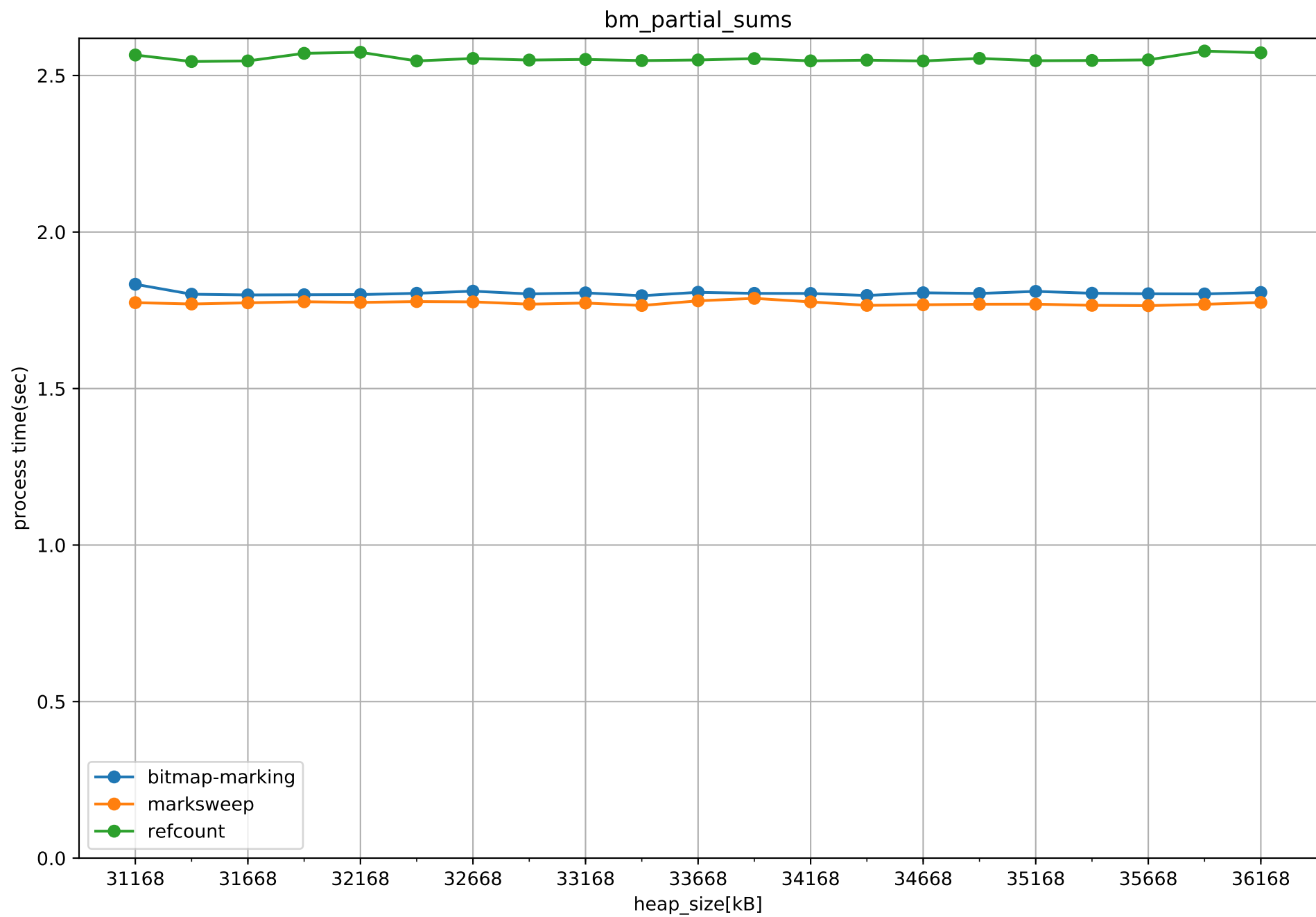


marksweep-m32 total time

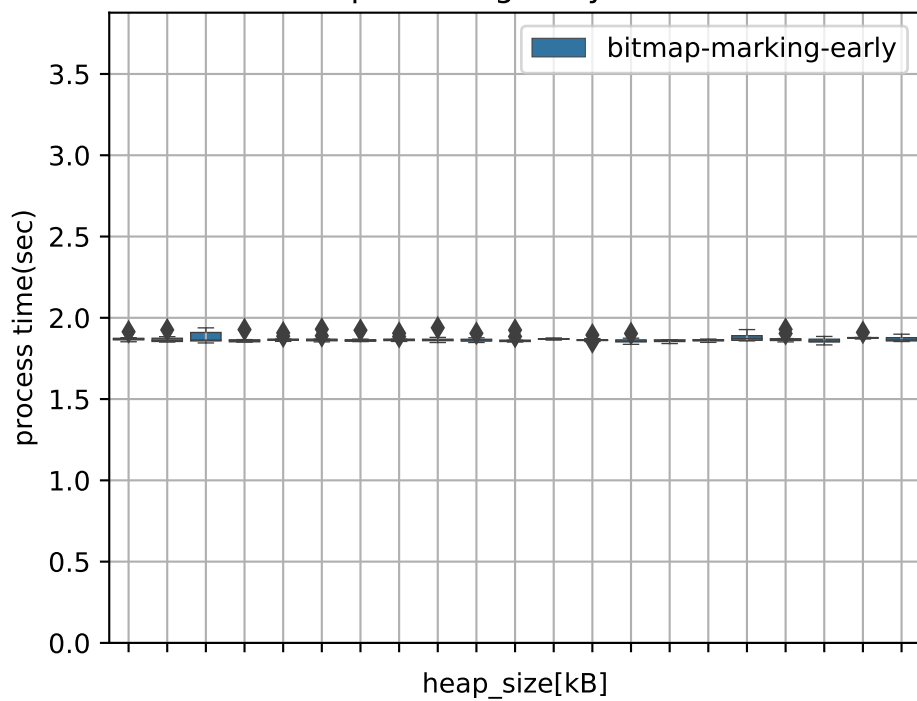


refcnt-m32 total time

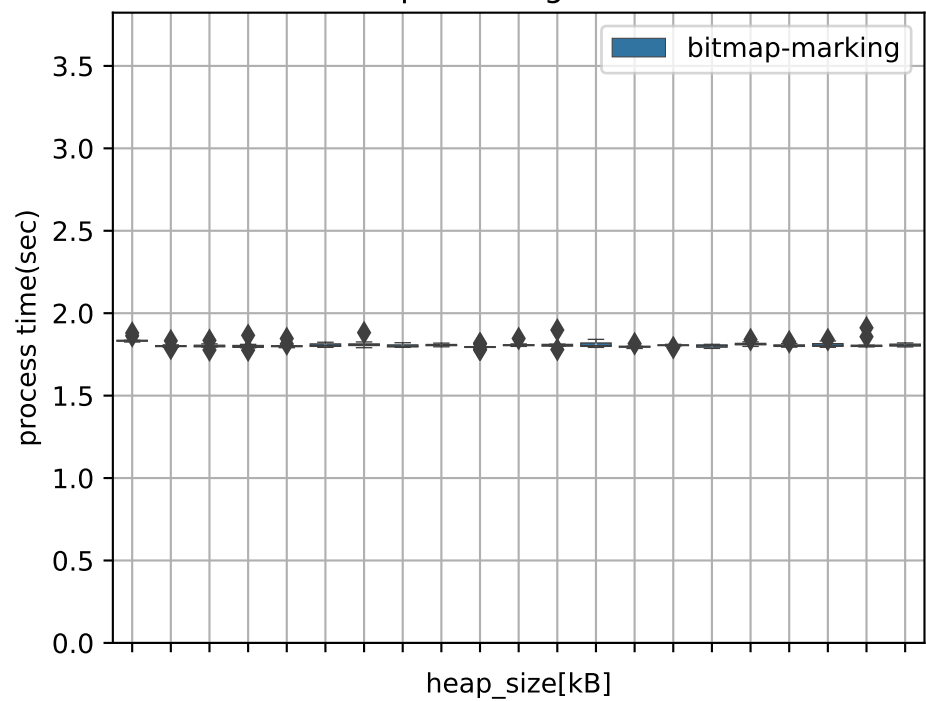




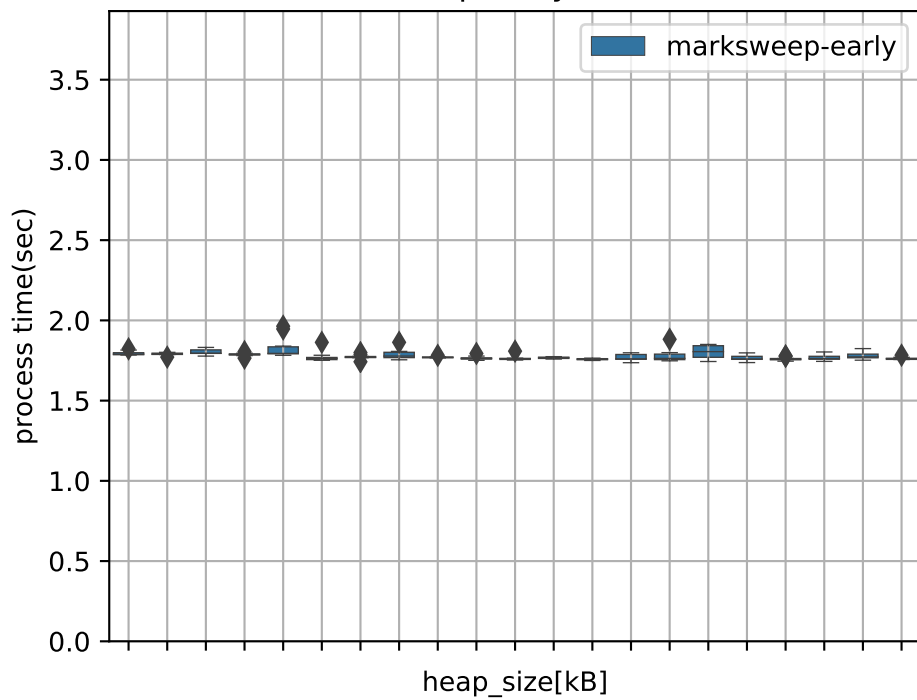
bitmap-marking-early total time



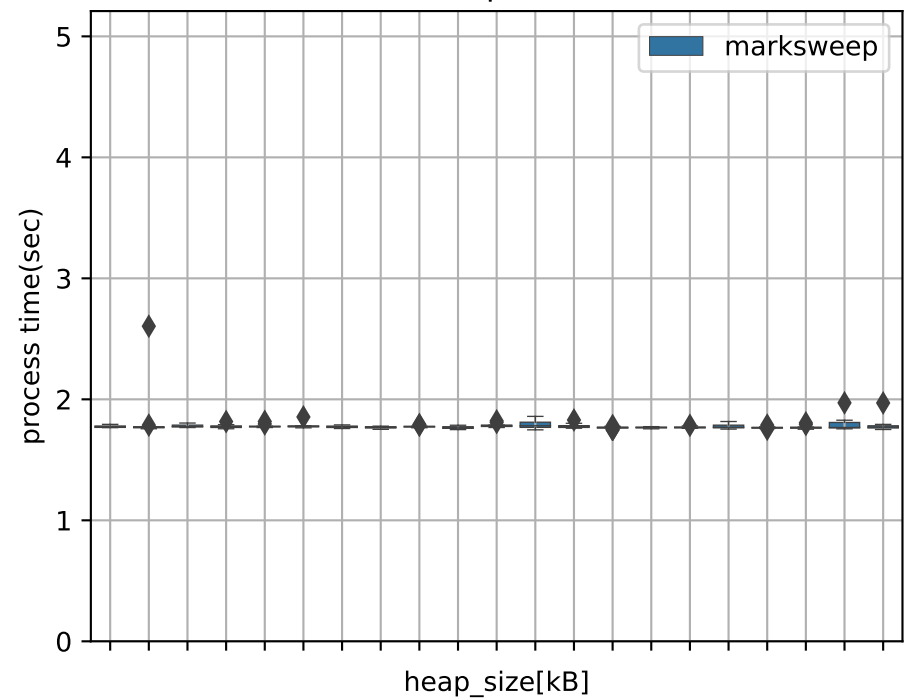
bitmap-marking total time



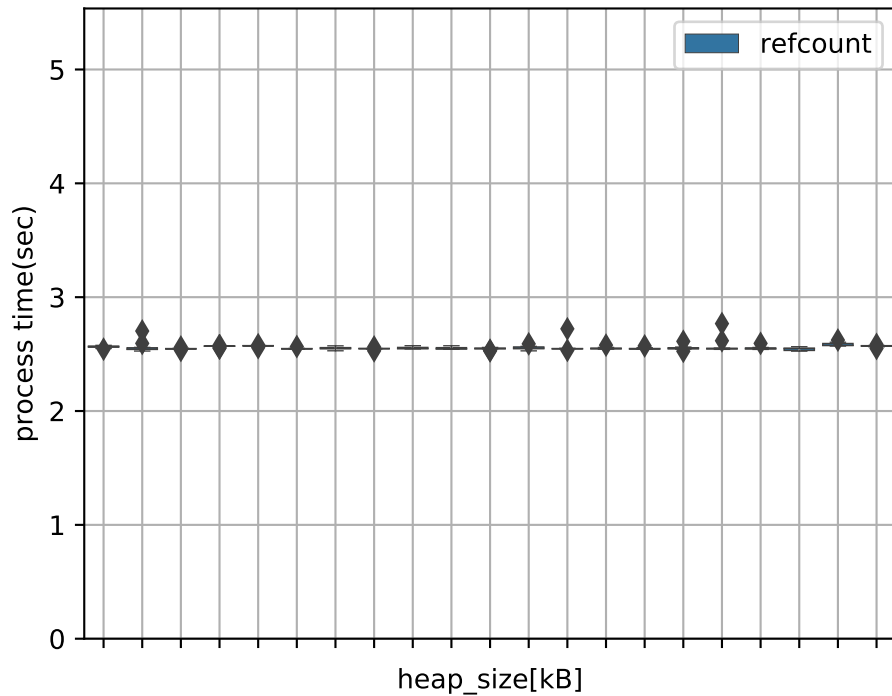
marksweep-early total time

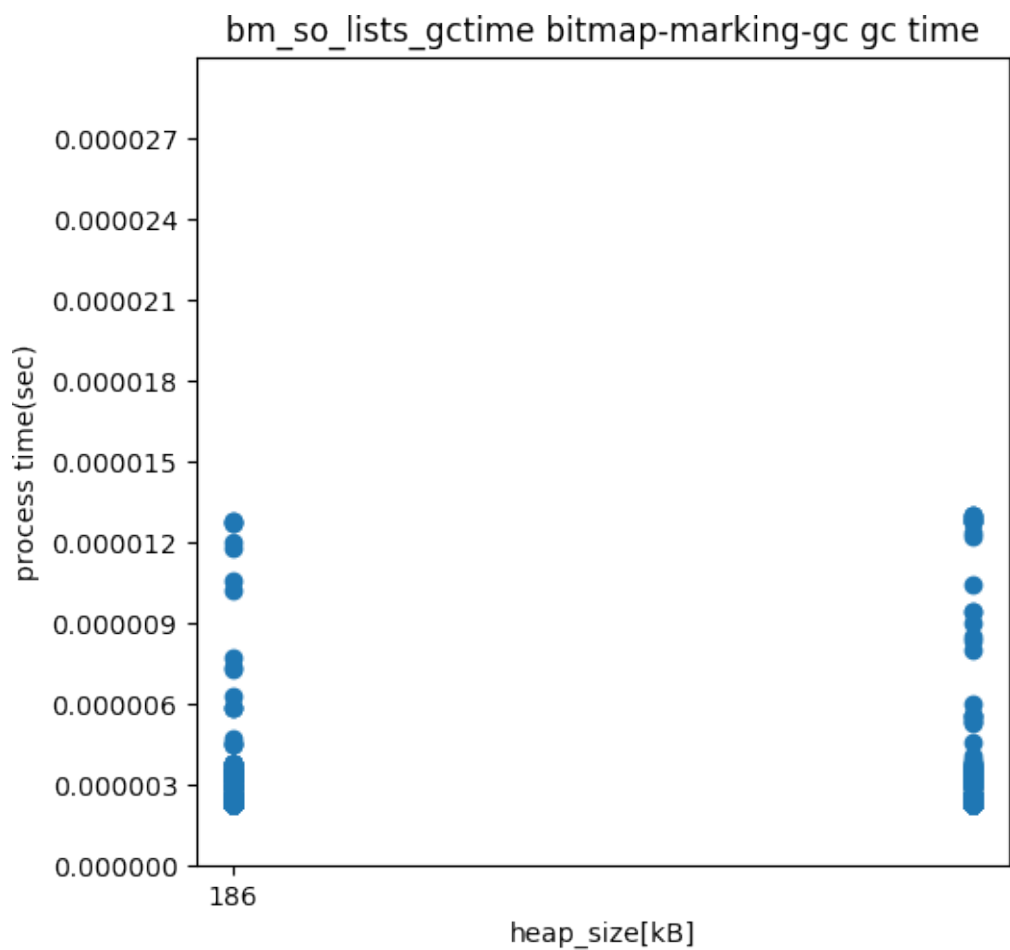
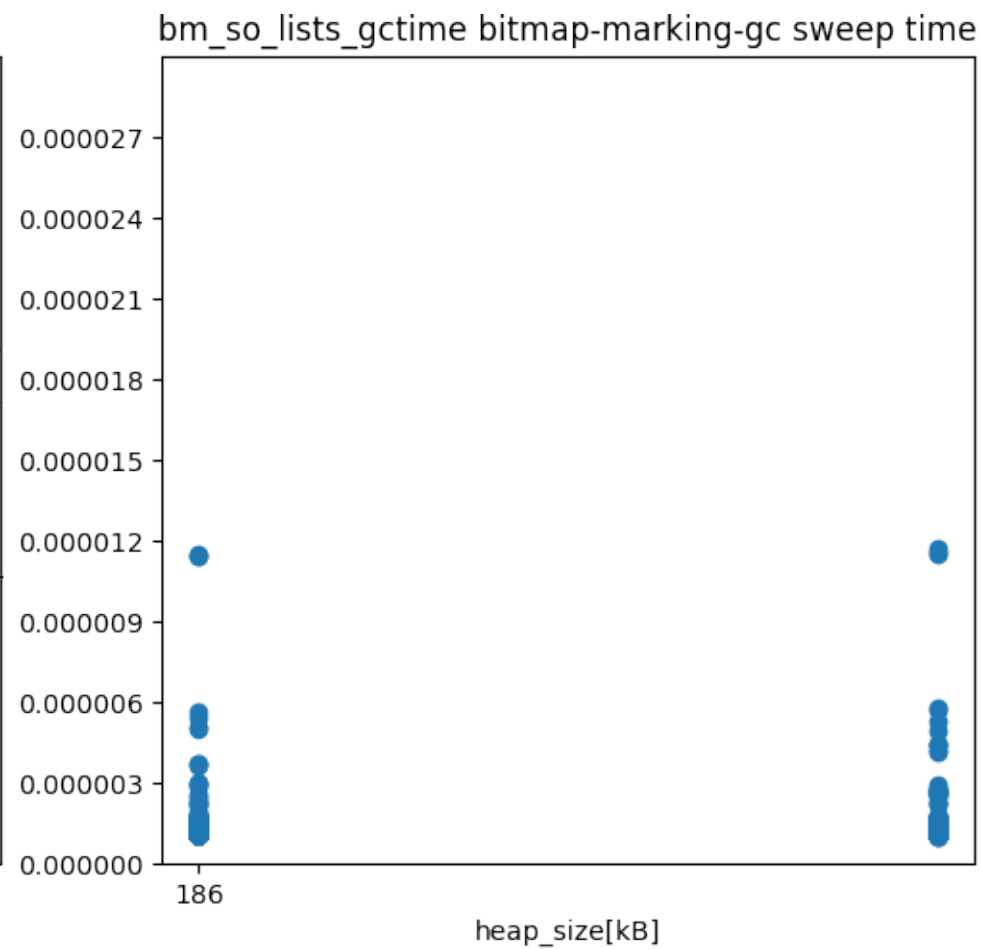
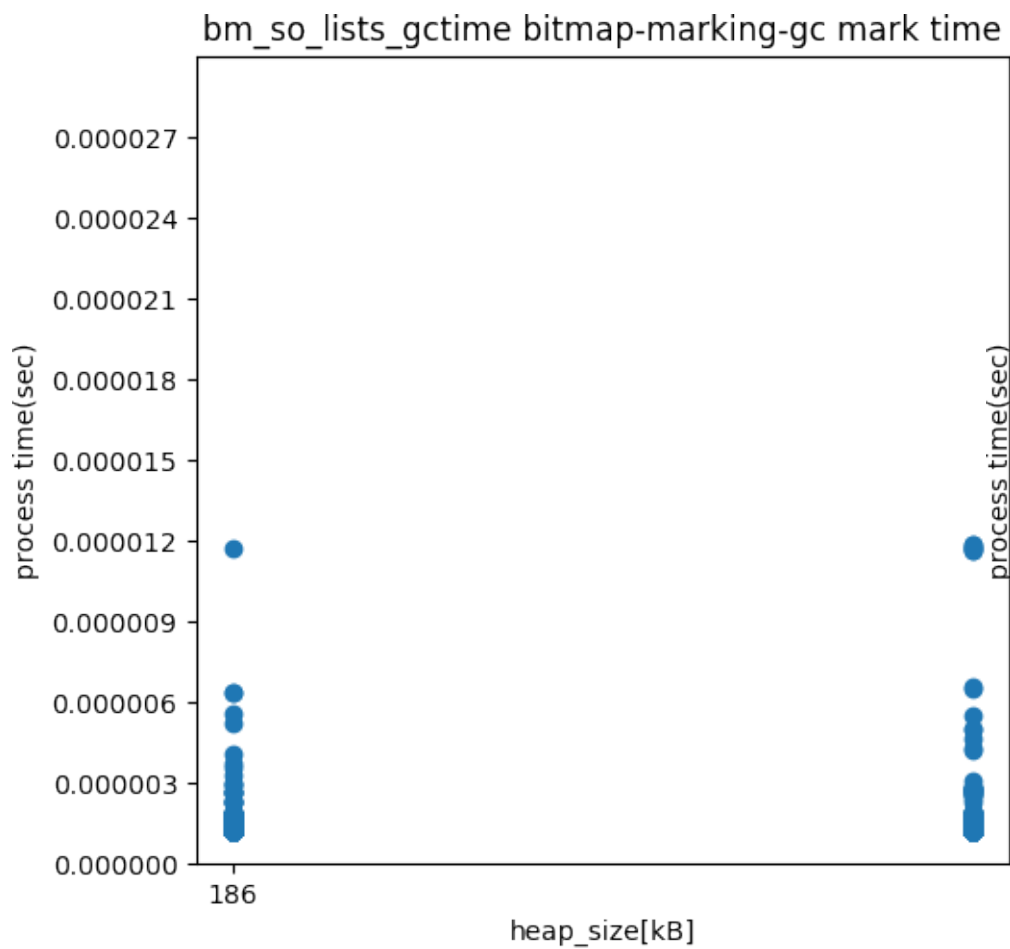


marksweep total time

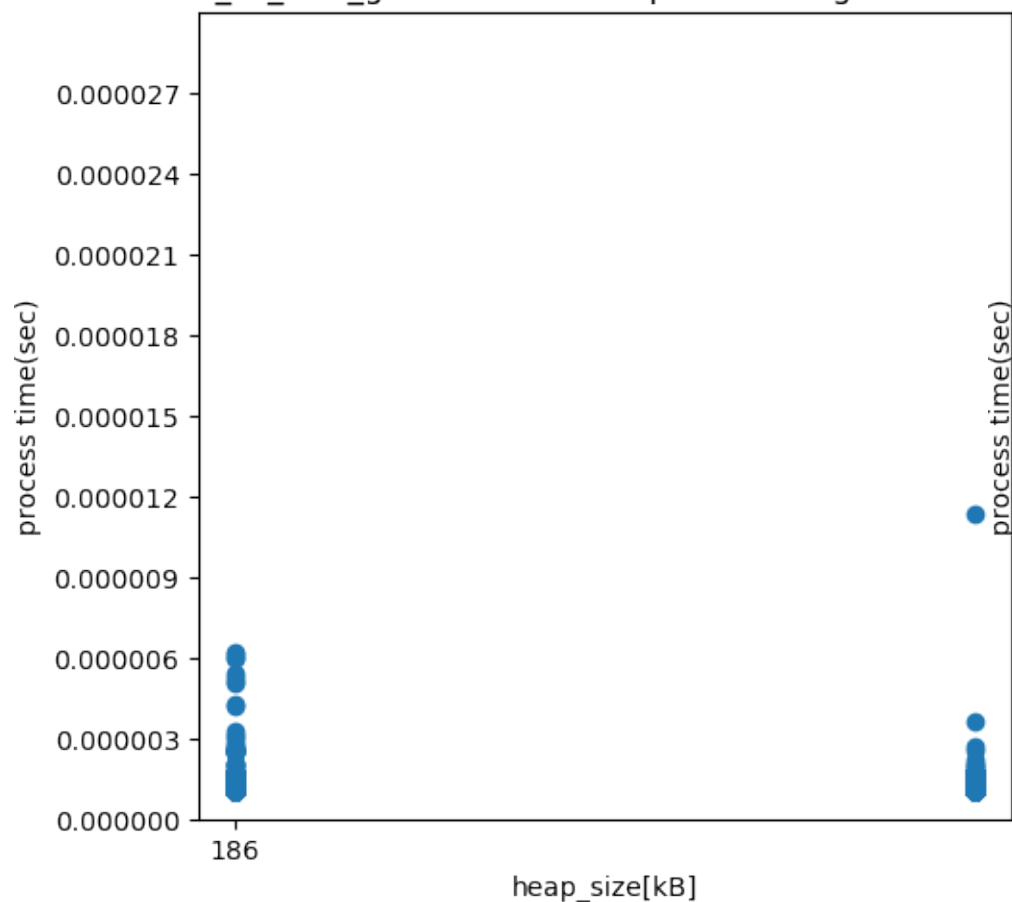


refcount total time

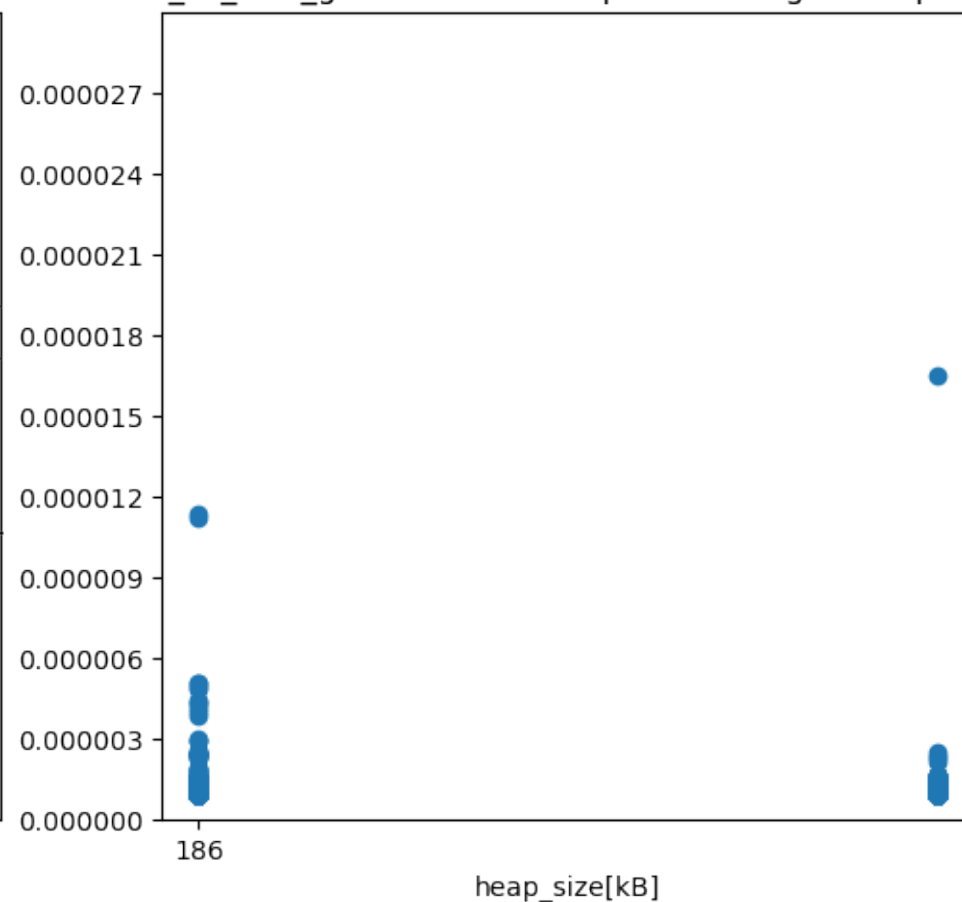




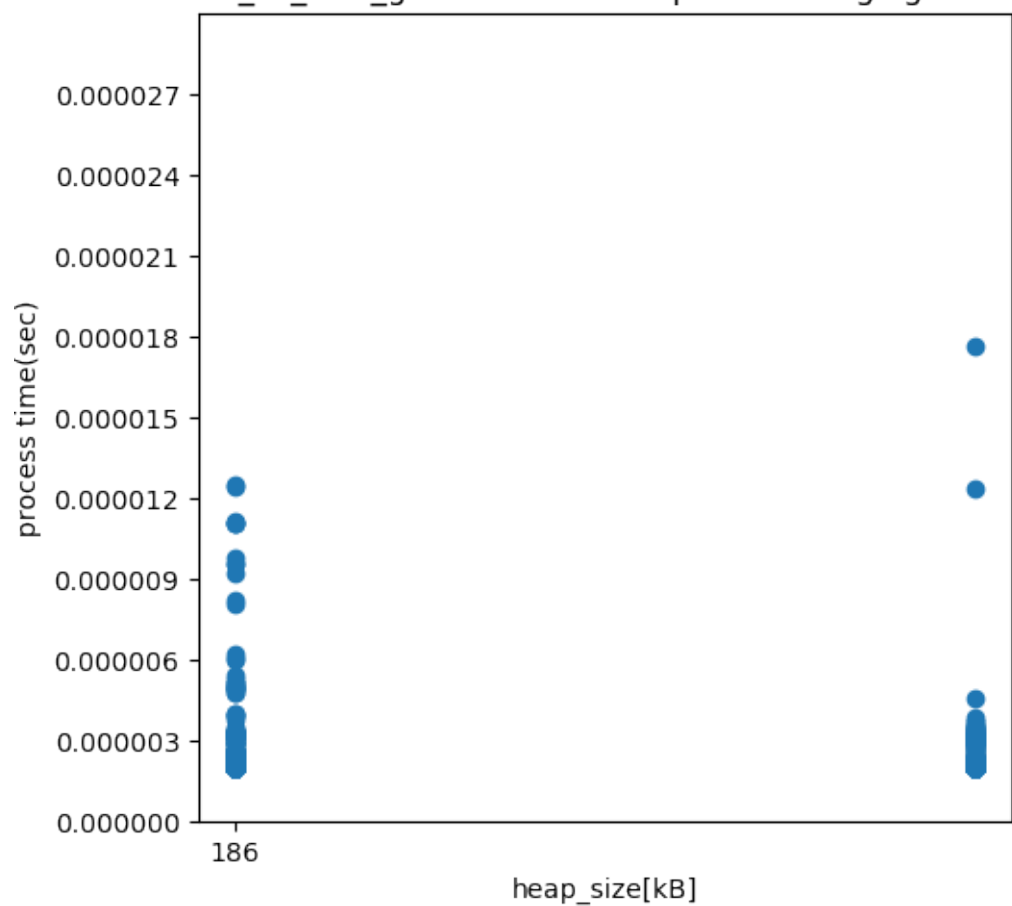
bm_so_lists_gctime markswEEP-measure-gc mark time

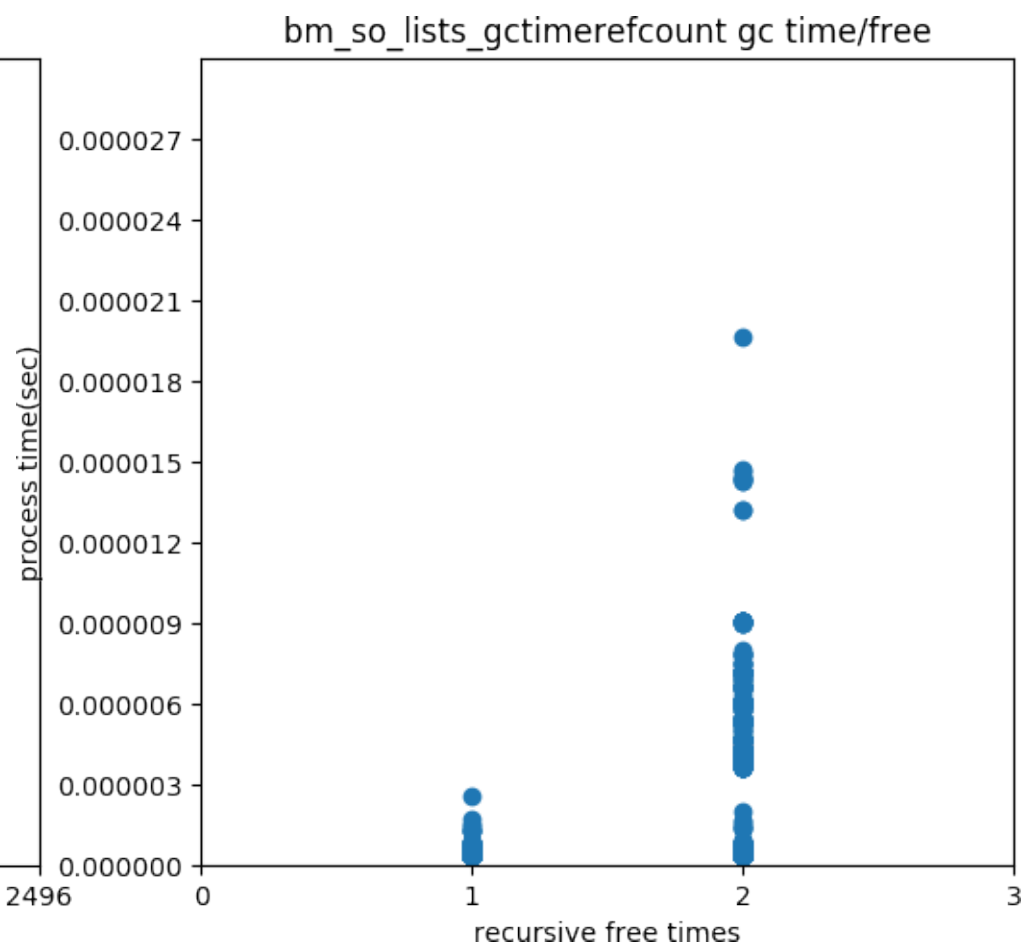
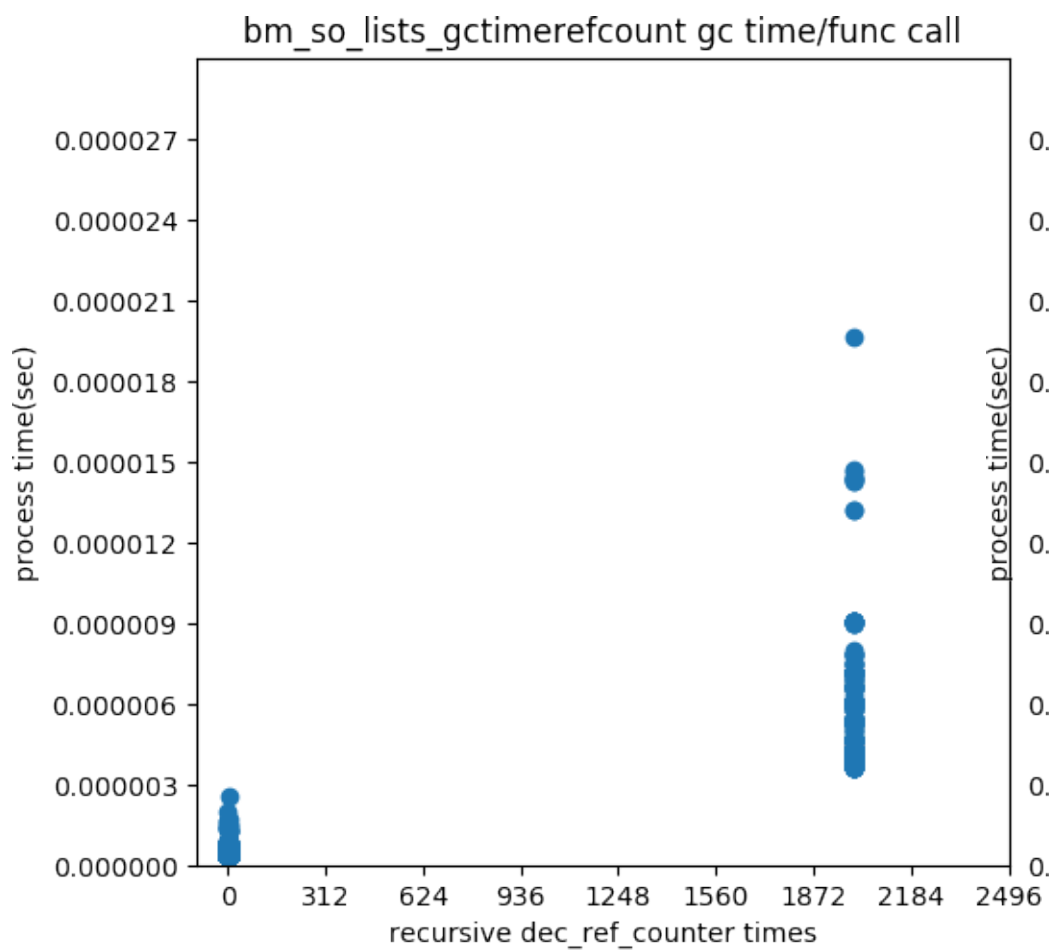


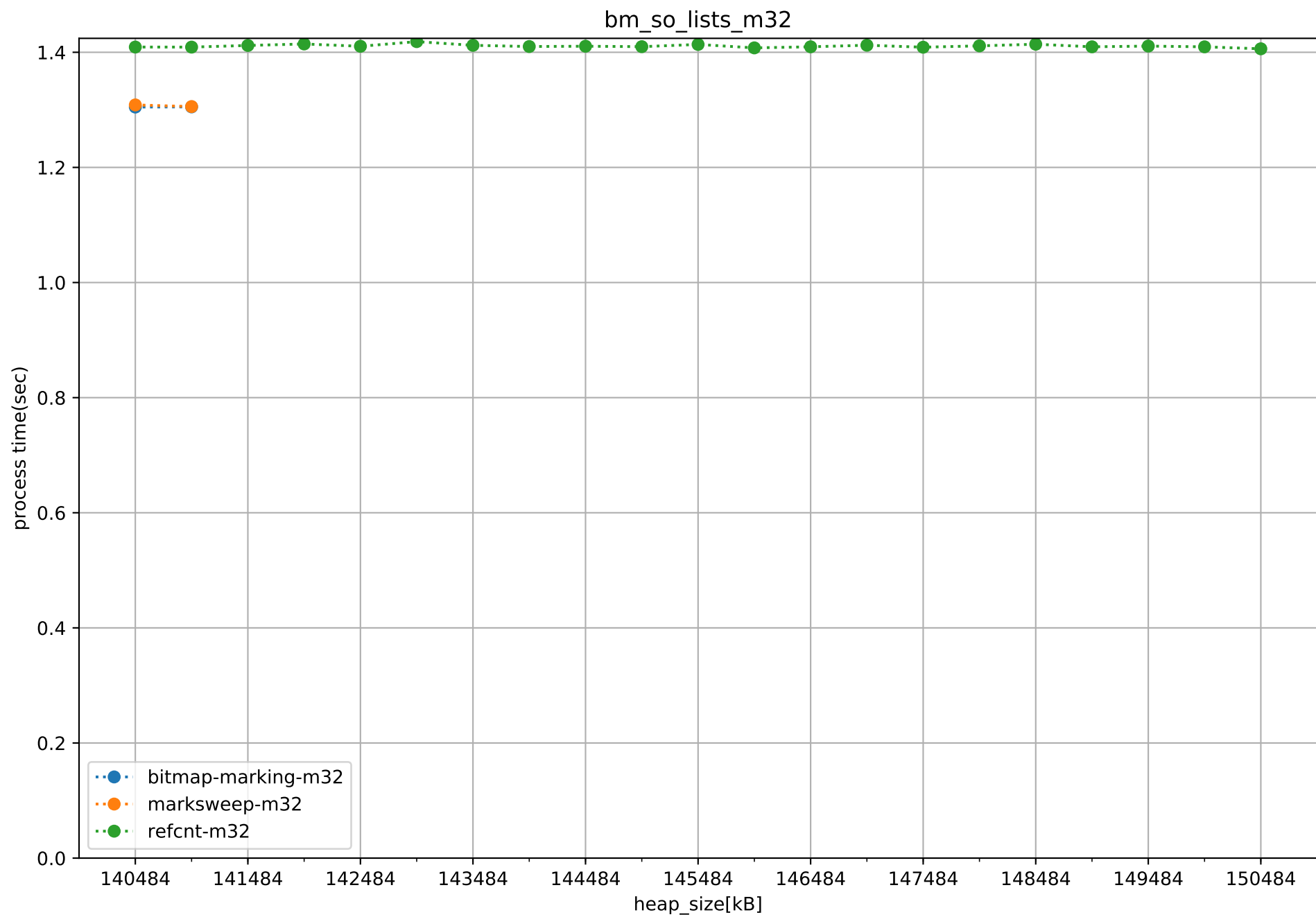
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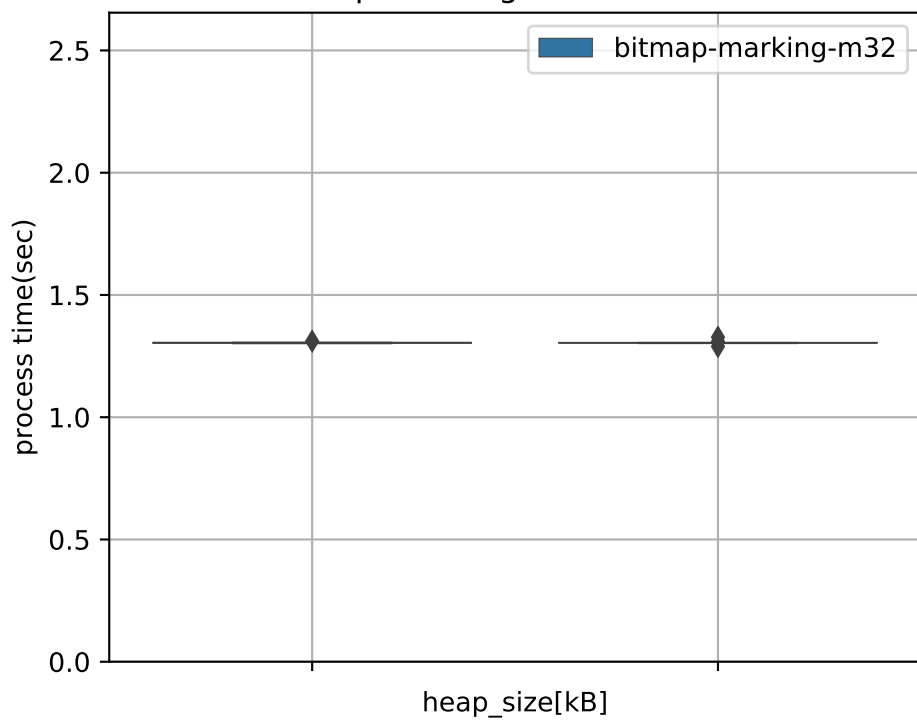
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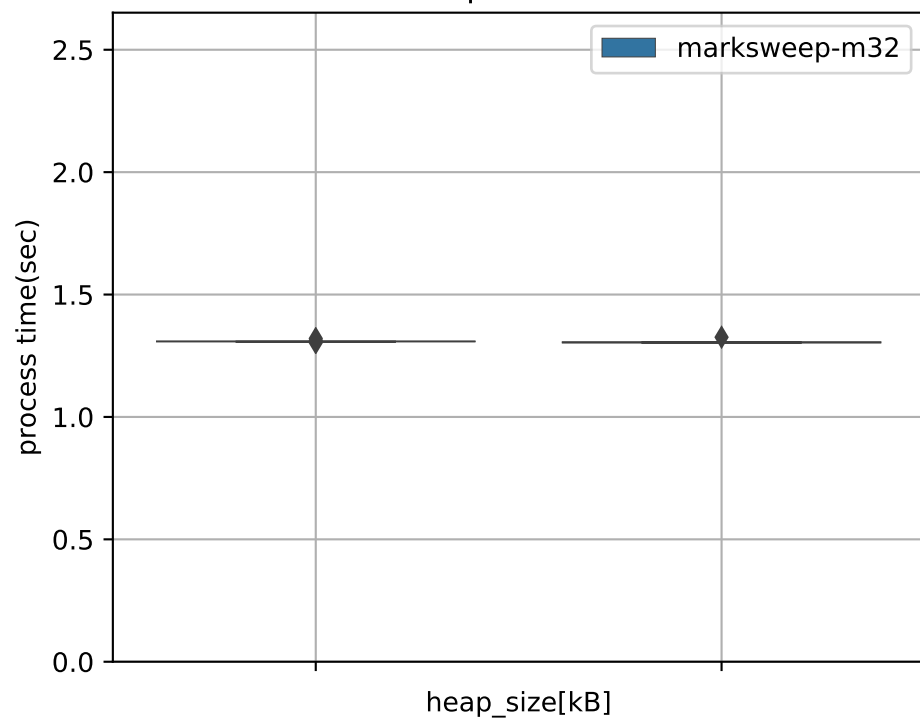




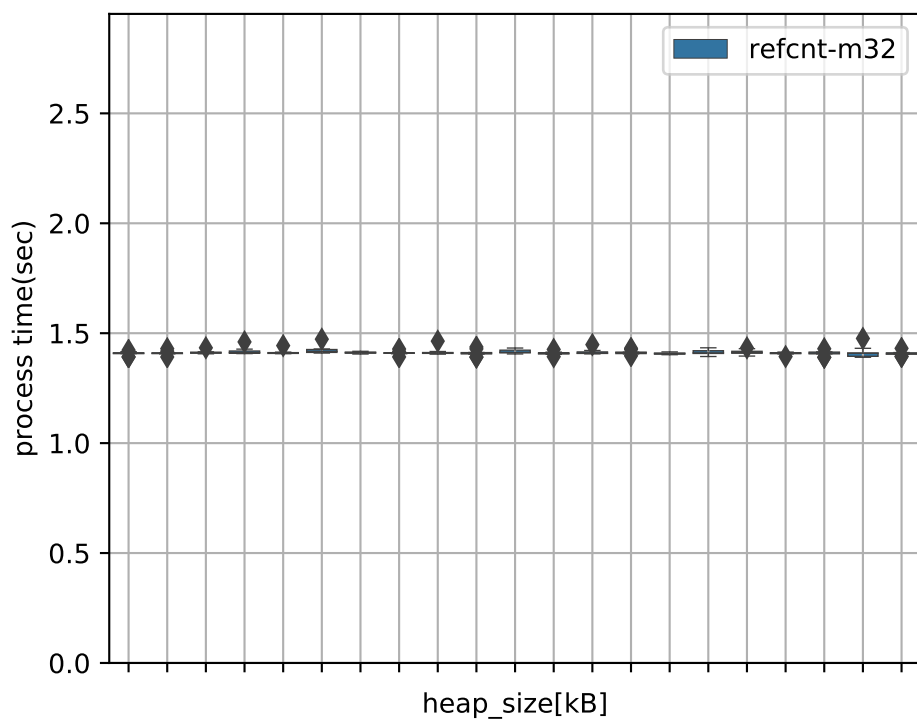
bitmap-marking-m32 total time

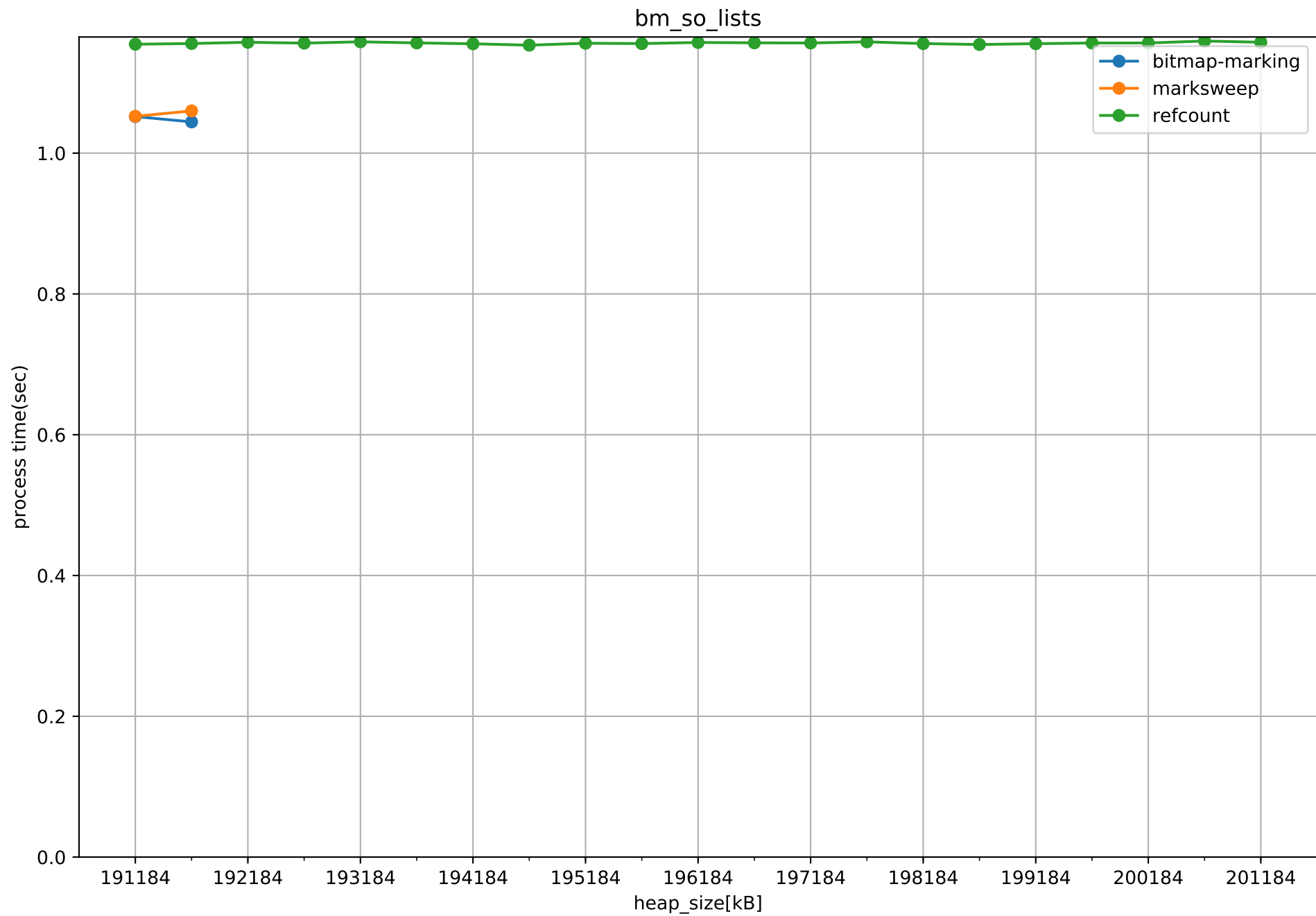


marksweep-m32 total time

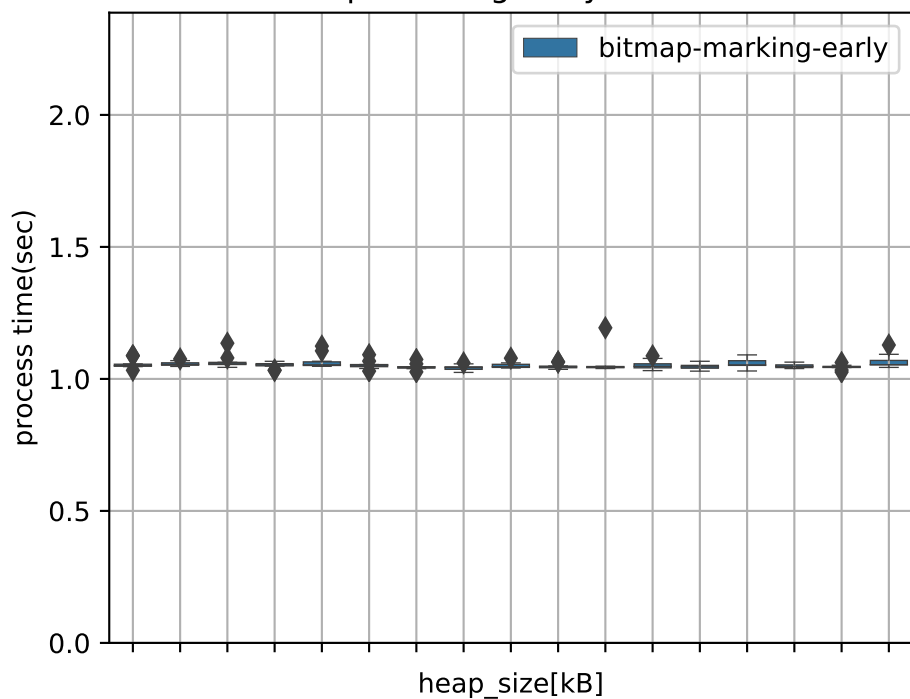


refcnt-m32 total time

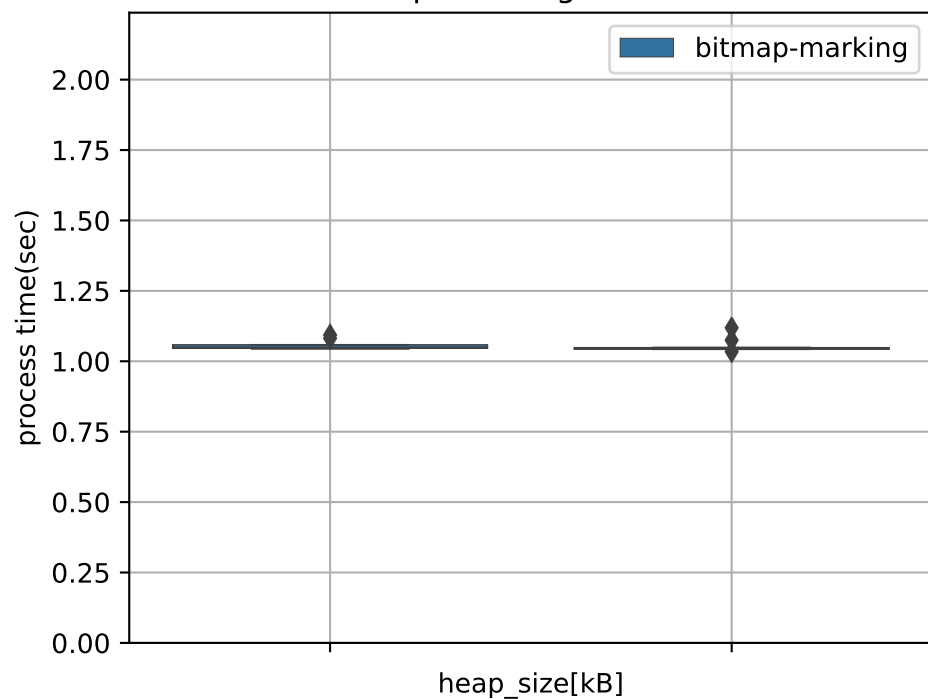




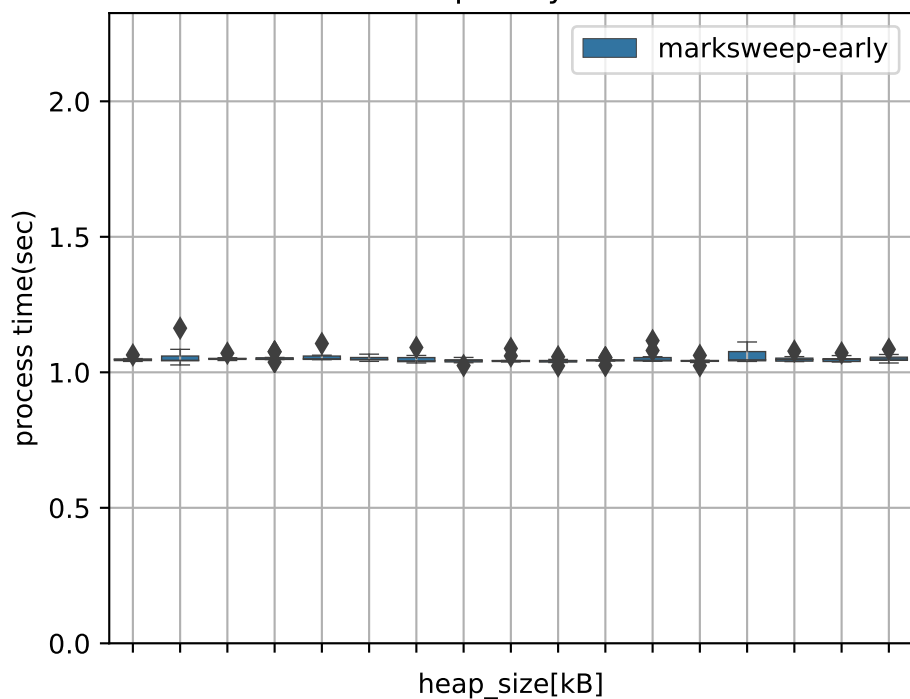
bitmap-marking-early total time



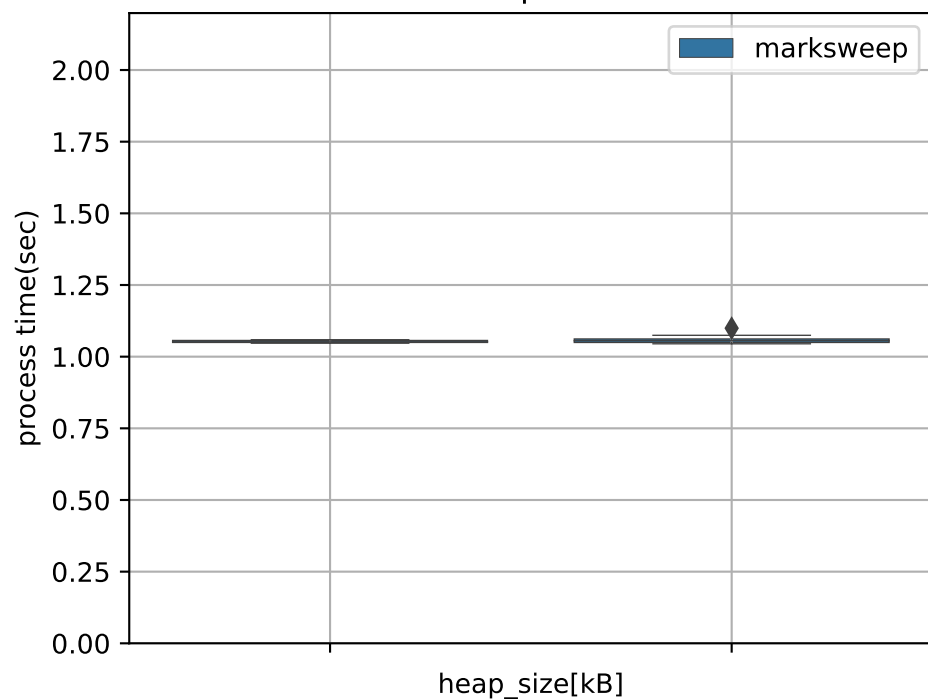
bitmap-marking total time



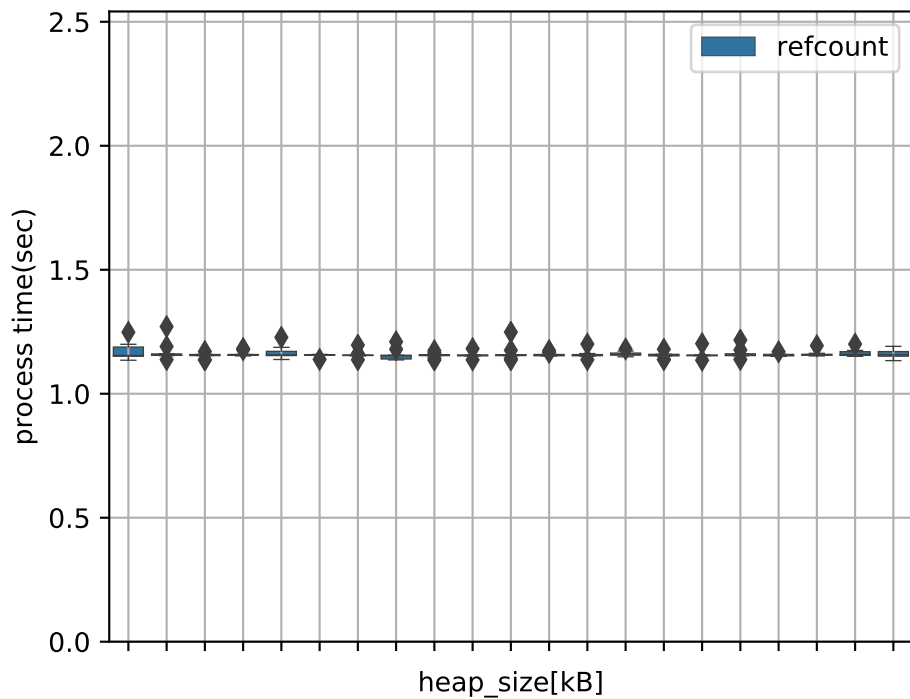
marksweep-early total time



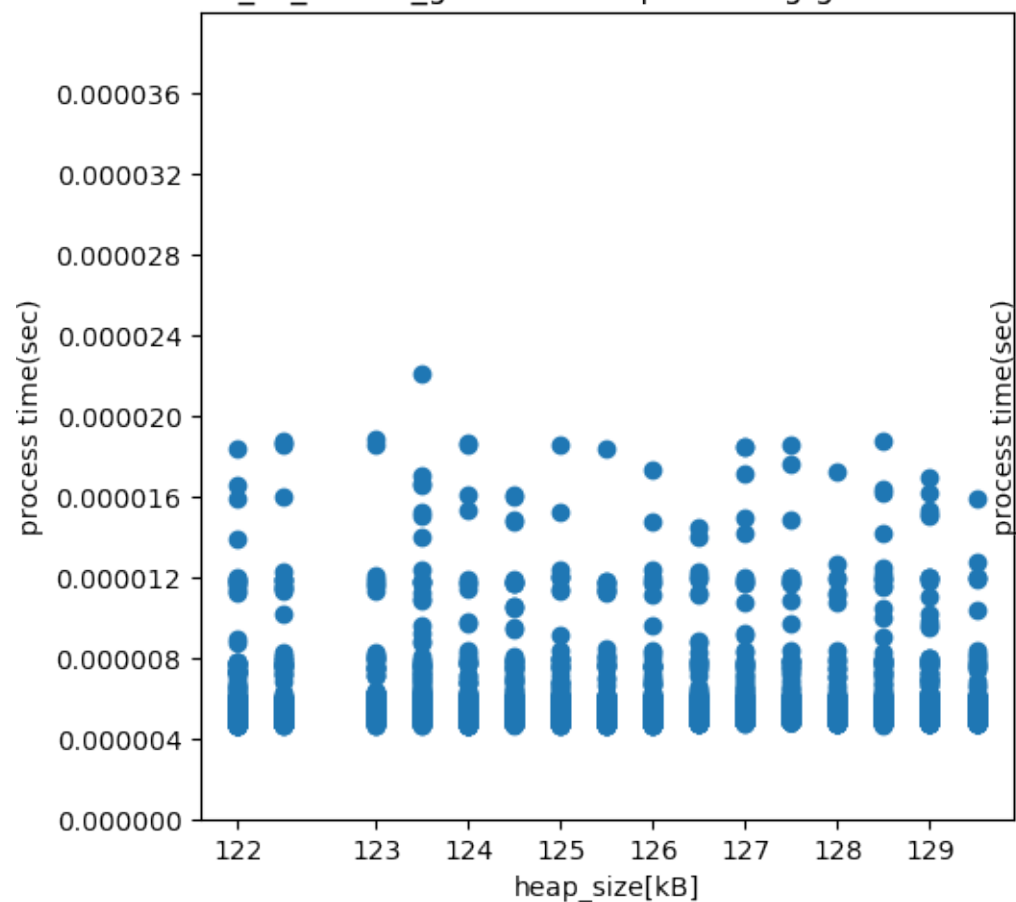
marksweep total time



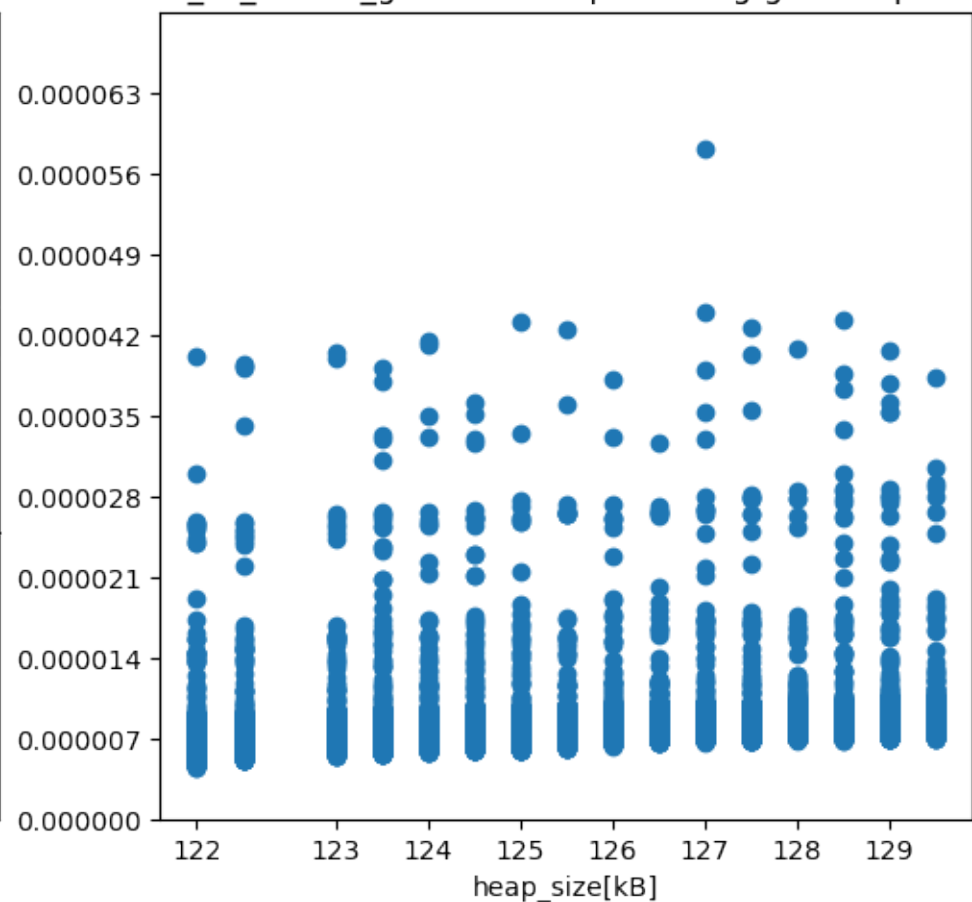
refcount total time



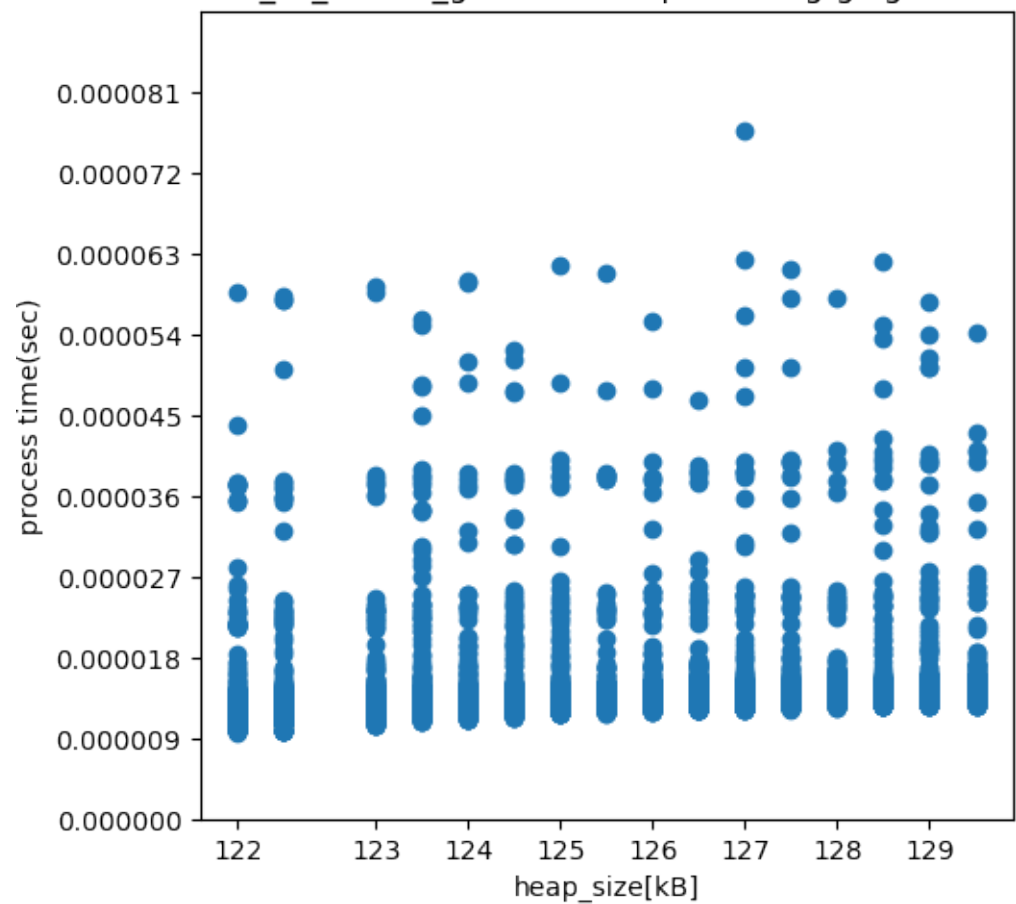
bm_so_matrix_gctime bitmap-marking-gc mark time



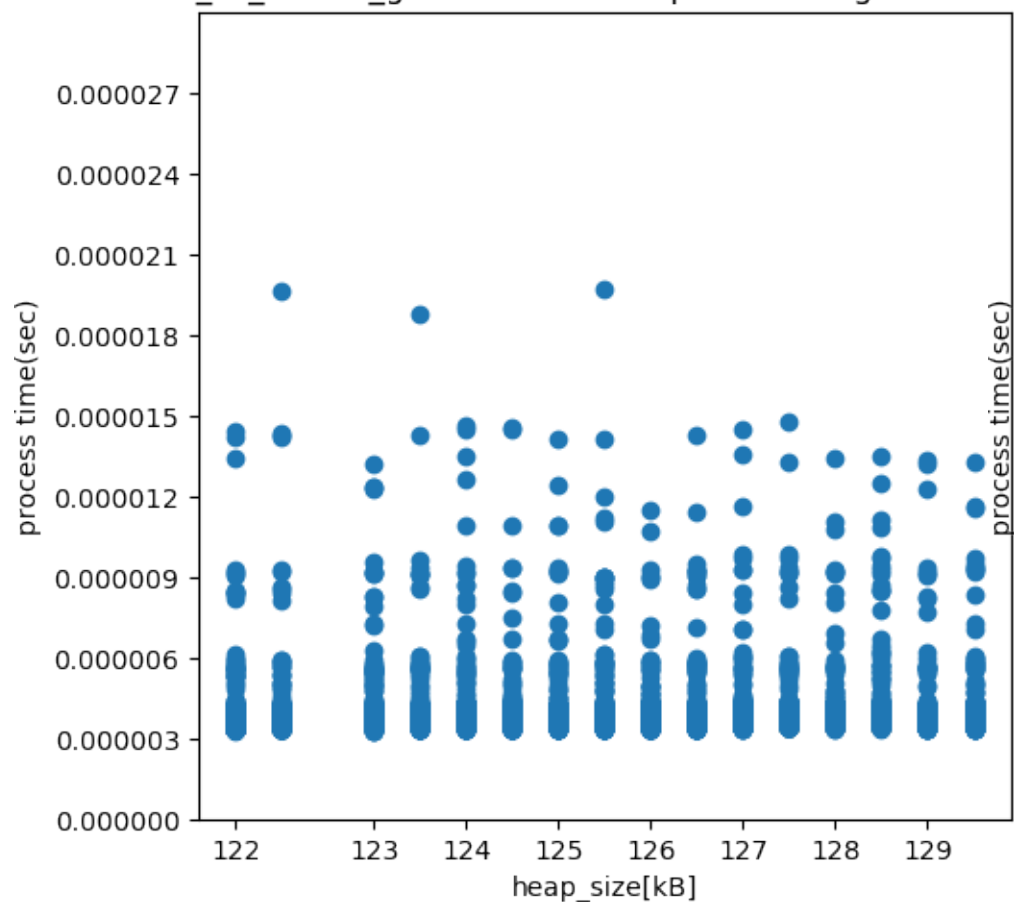
bm_so_matrix_gctime bitmap-marking-gc sweep time



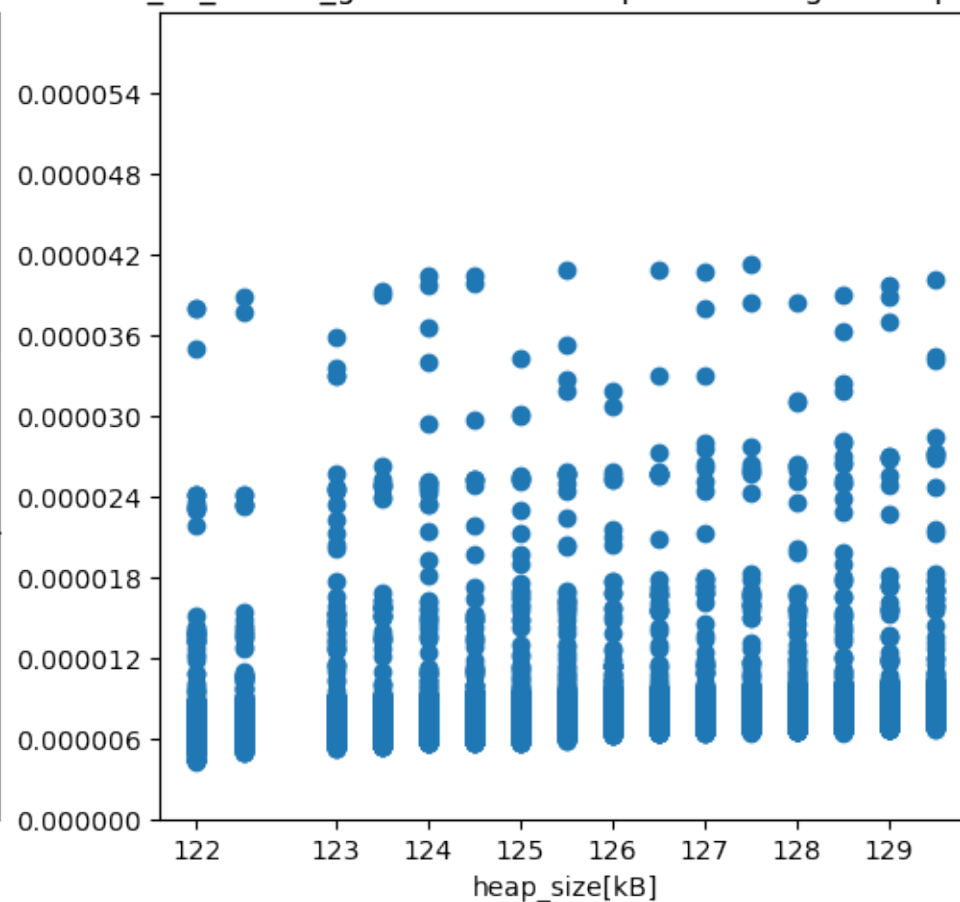
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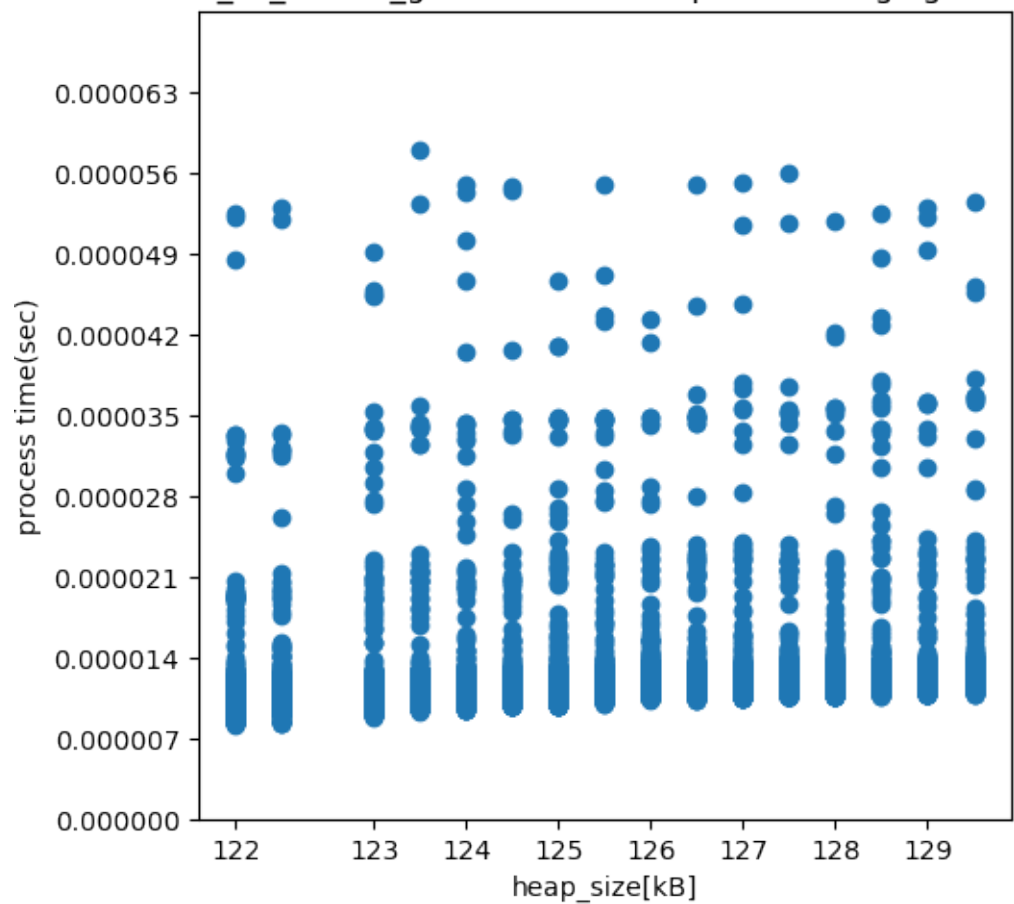
bm_so_matrix_gctime markswep-measure-gc mark time

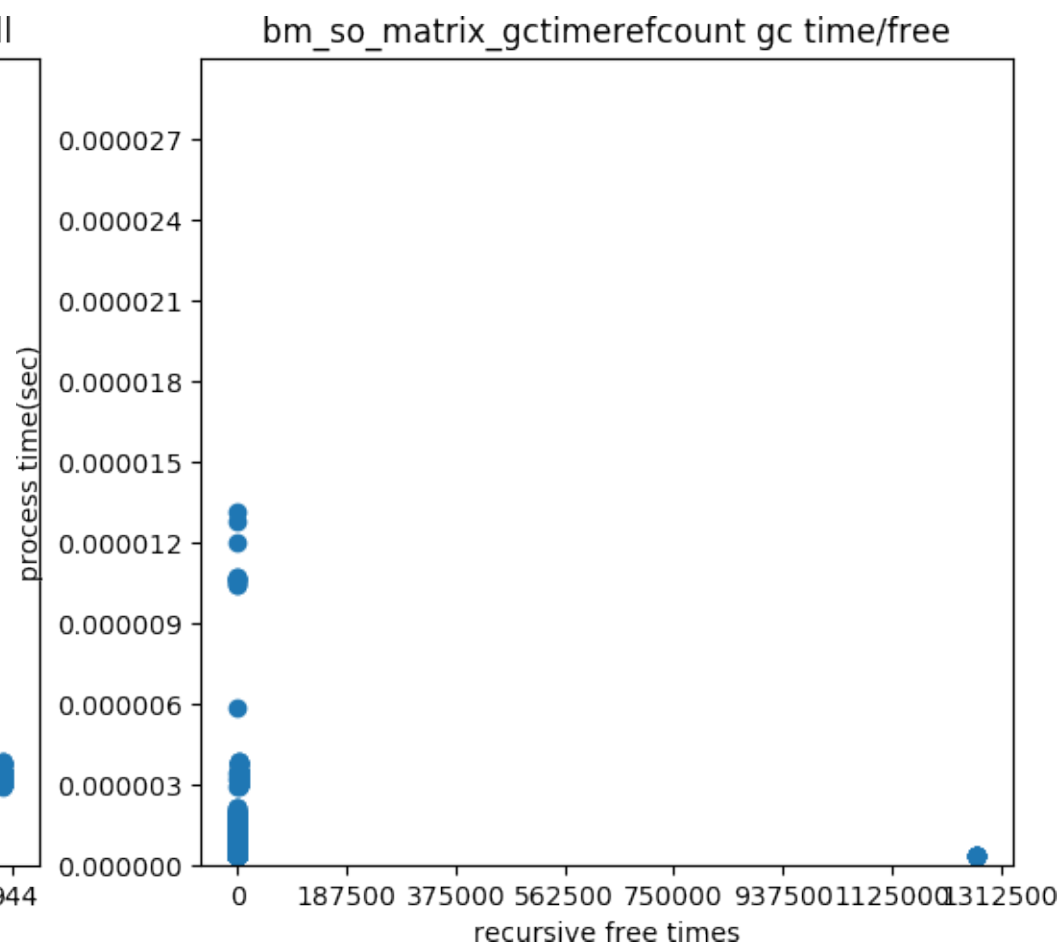
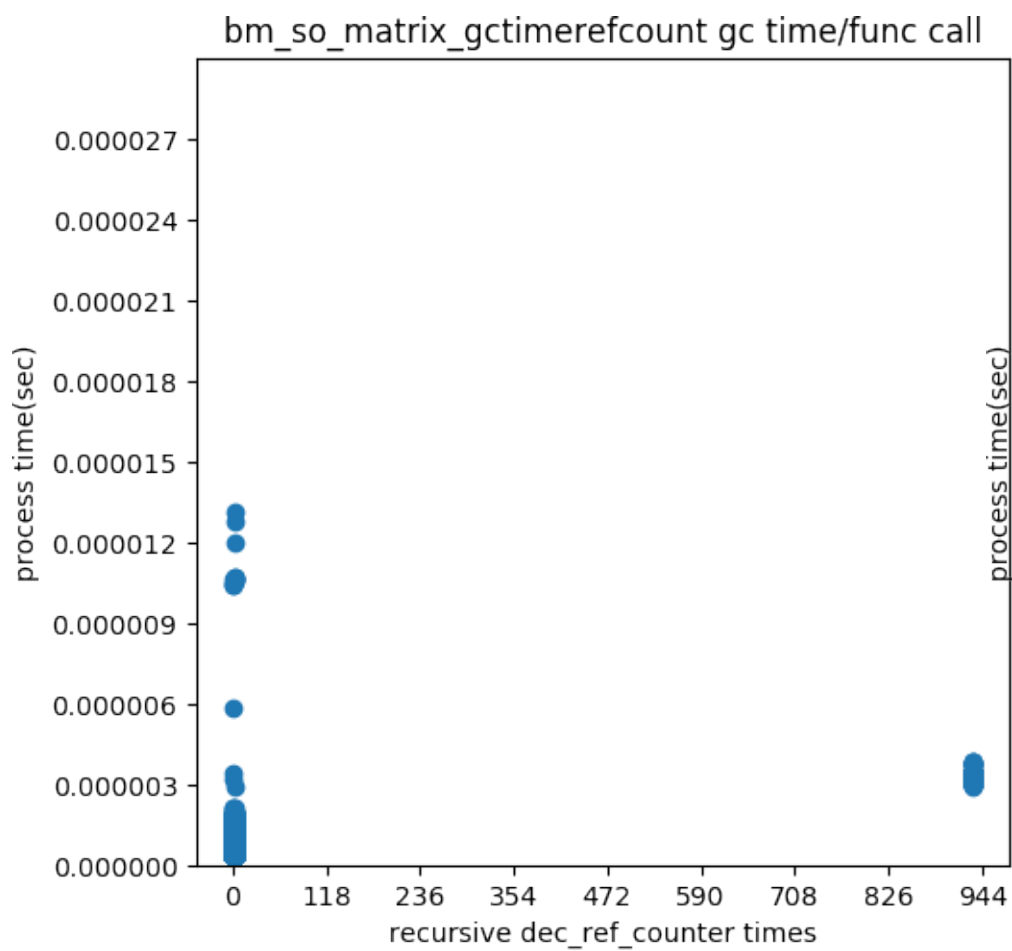


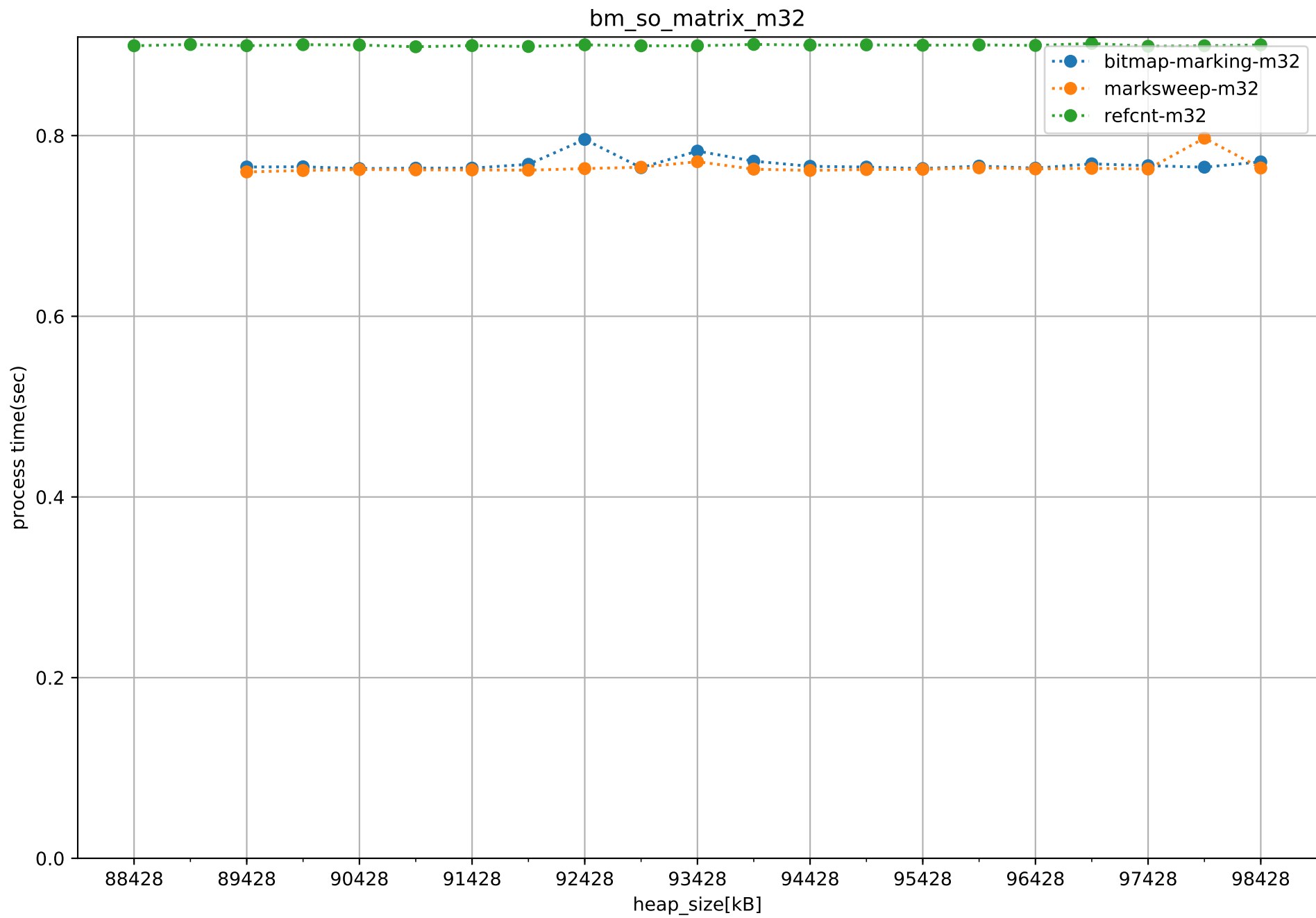
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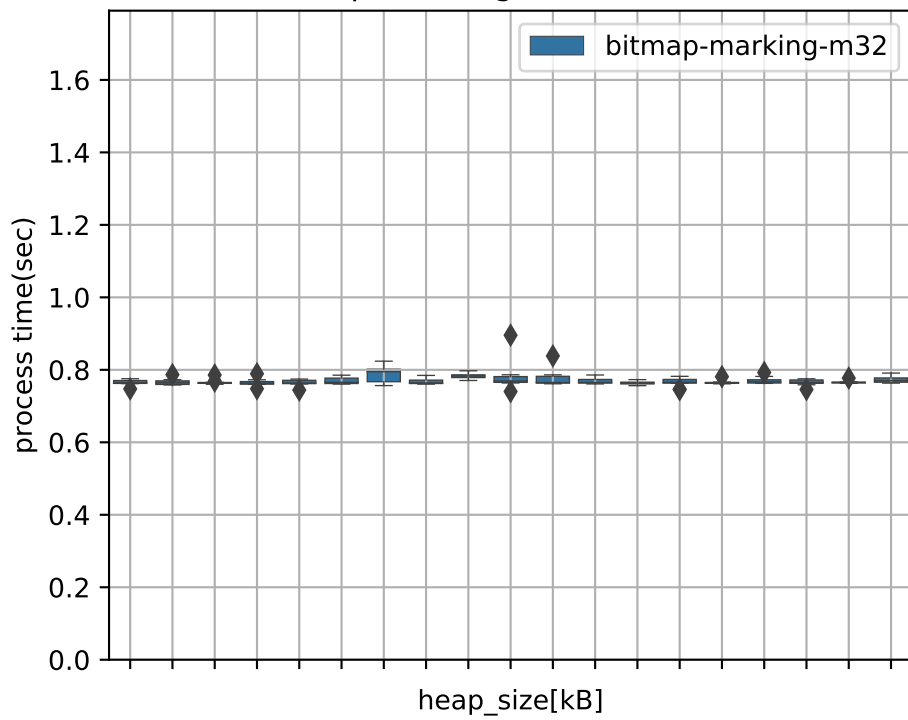
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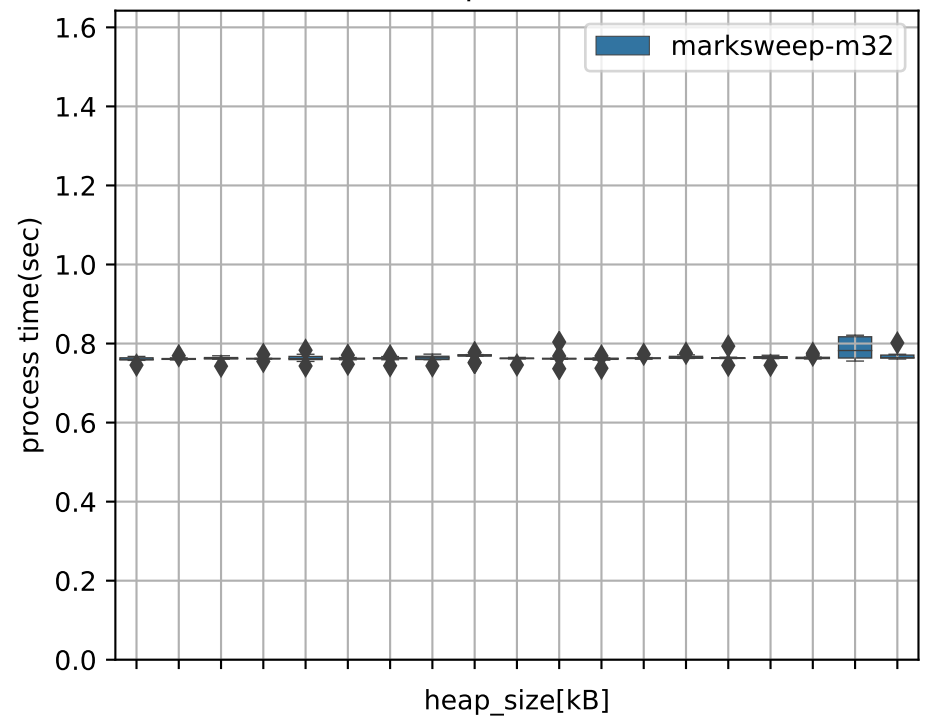




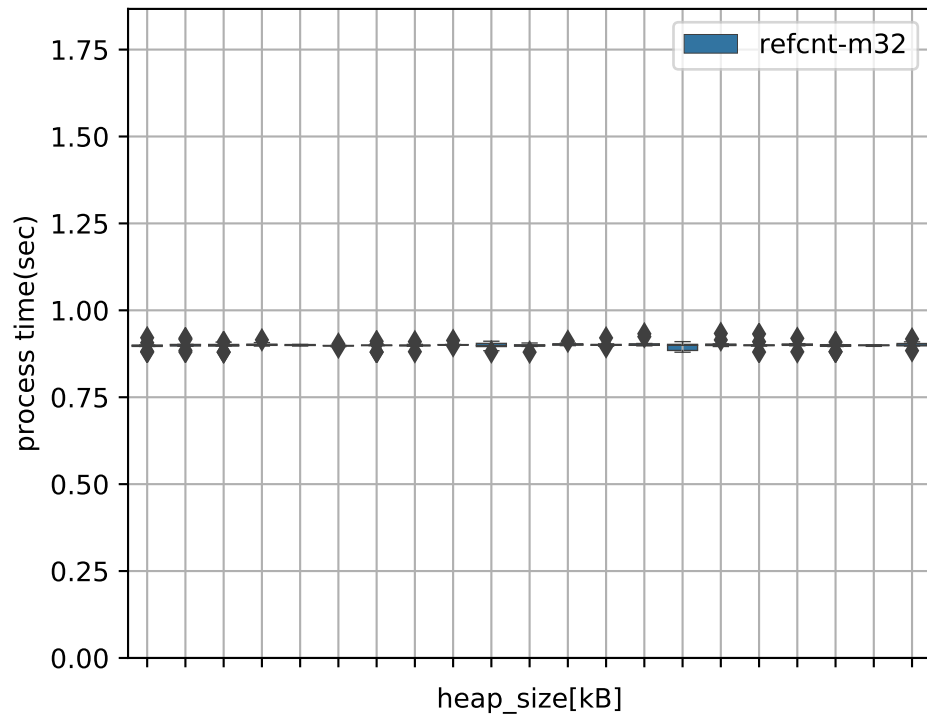
bitmap-marking-m32 total time

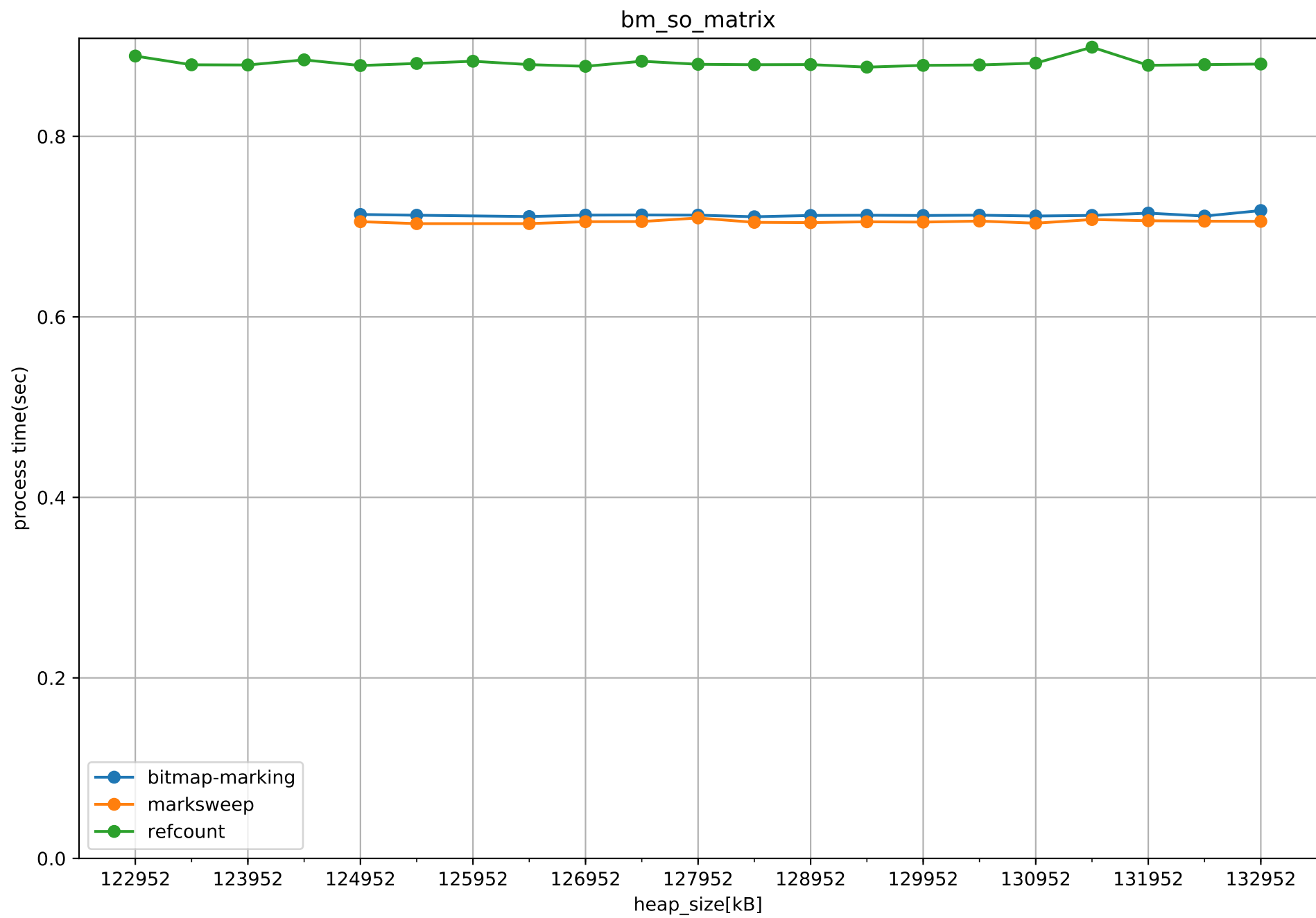


marksweep-m32 total time

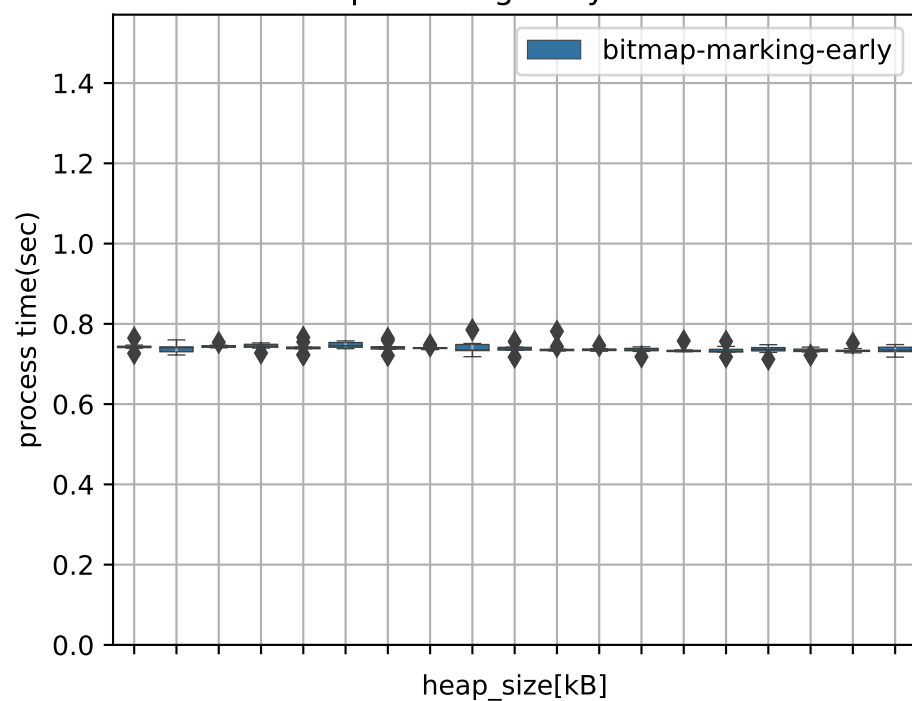


refcnt-m32 total time

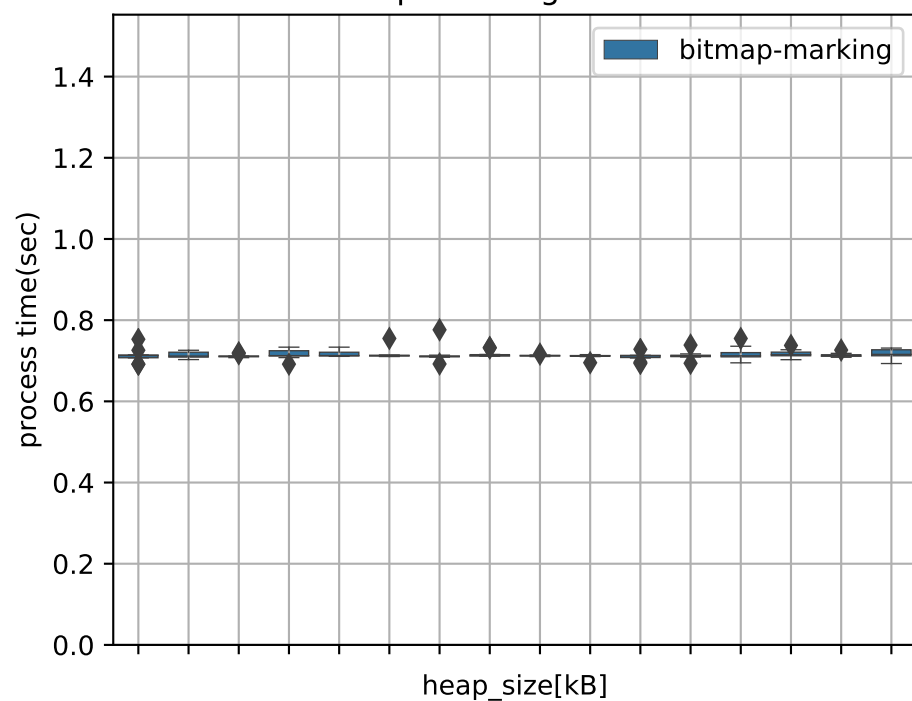




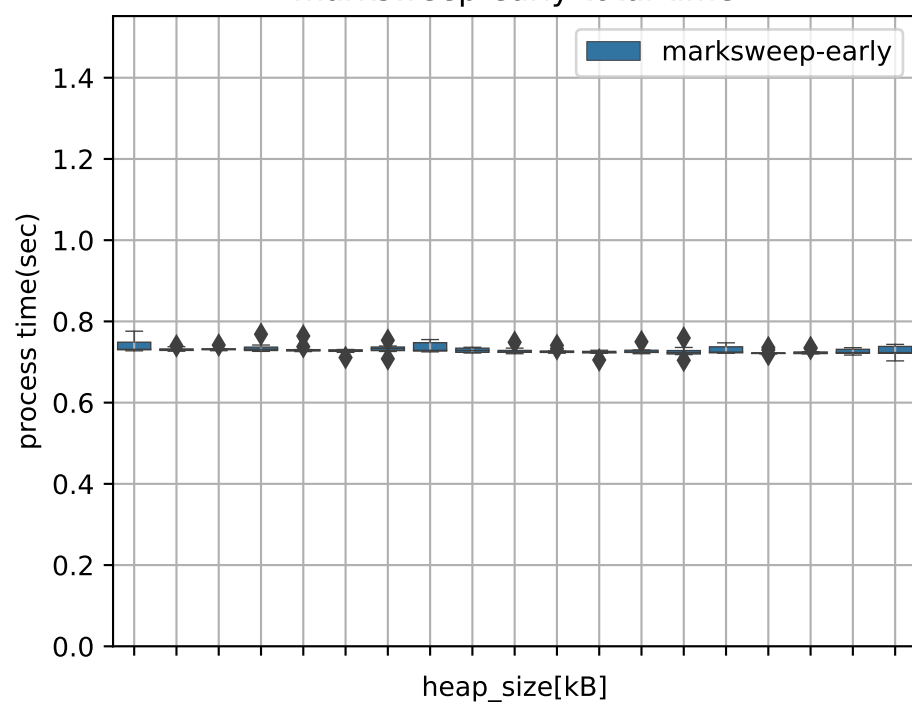
bitmap-marking-early total time



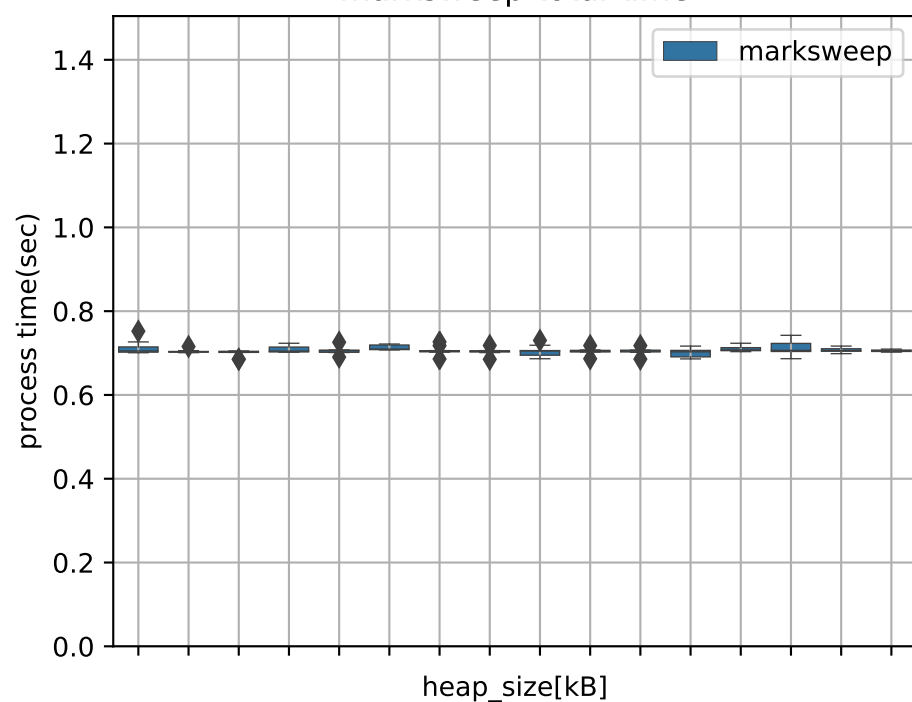
bitmap-marking total time



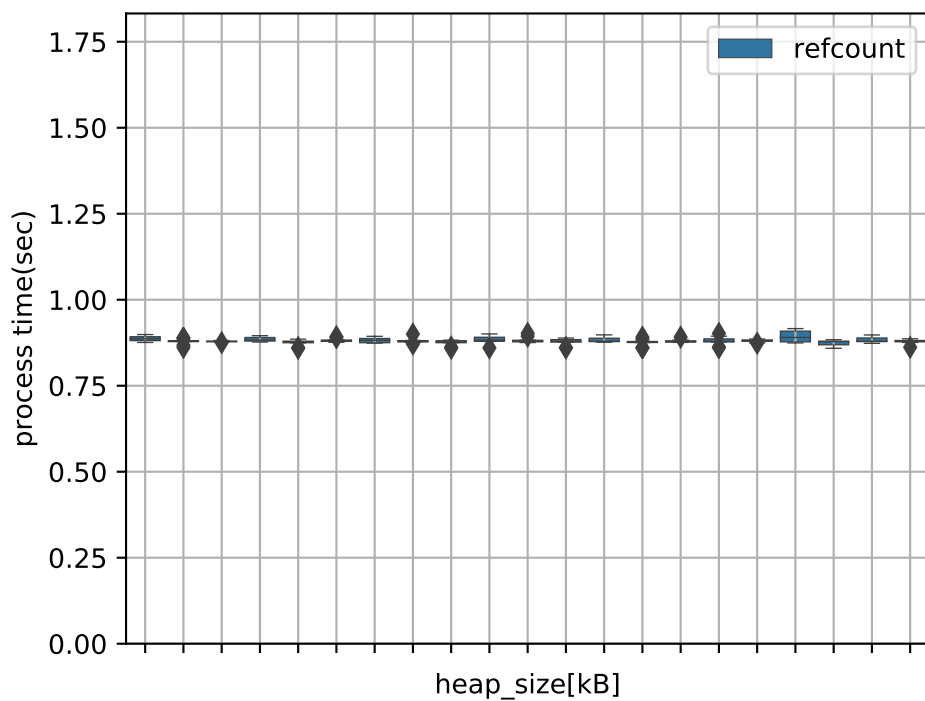
marksweep-early total time



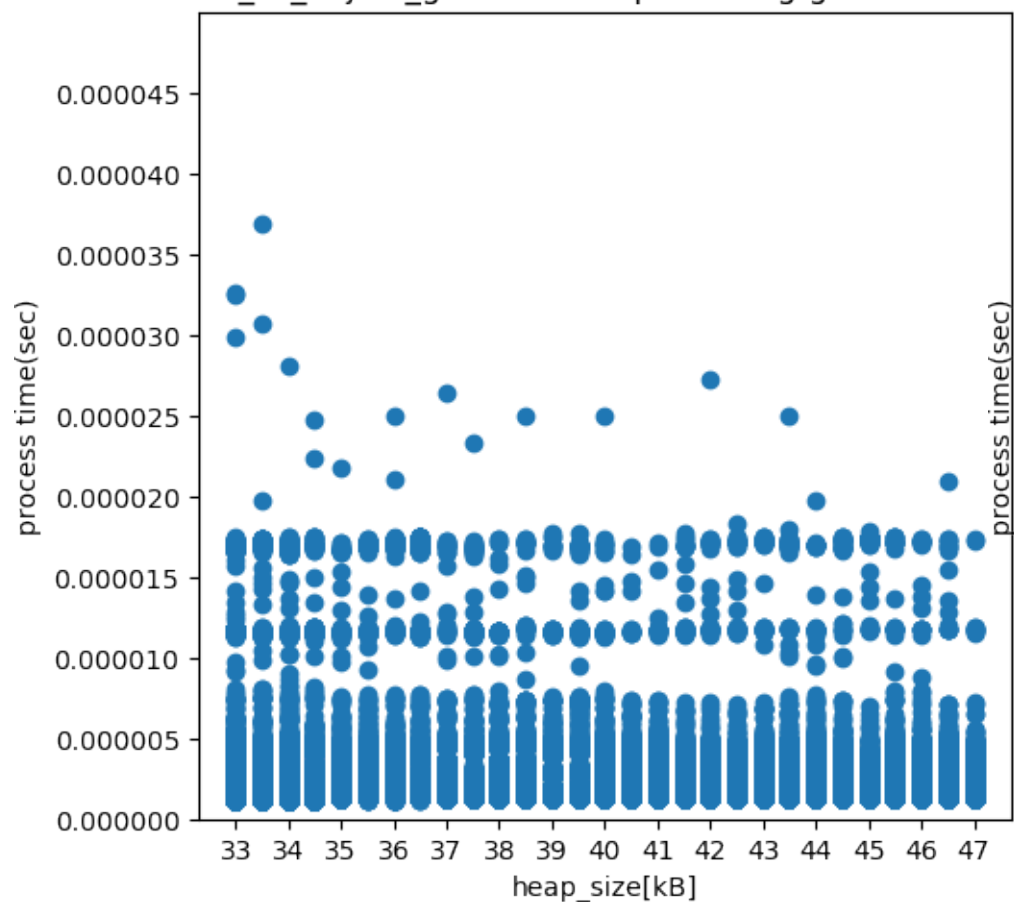
marksweep total time



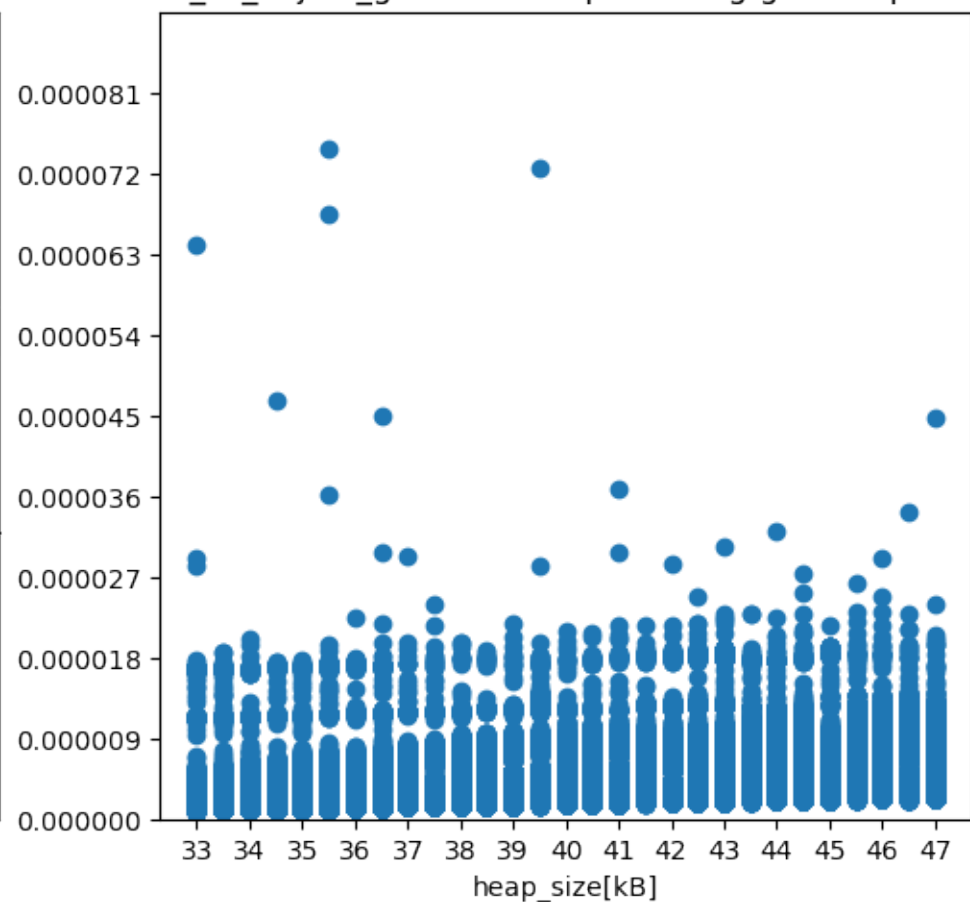
refcount total time



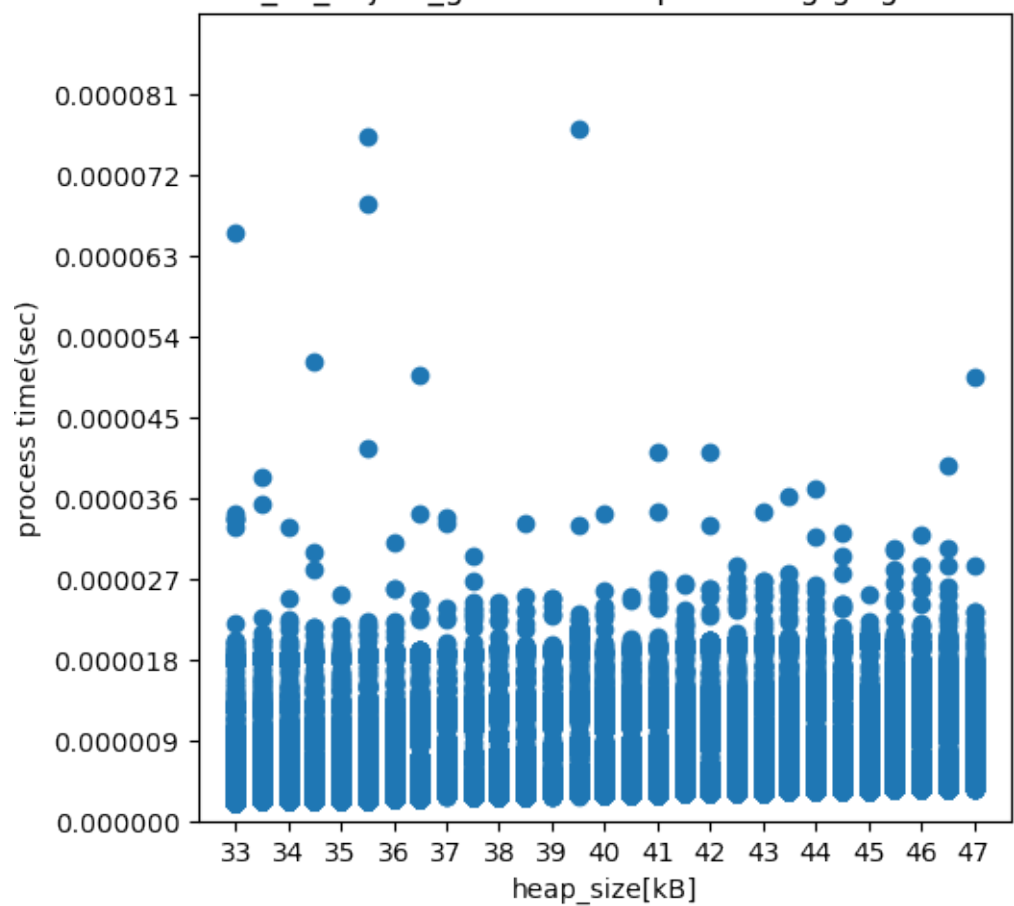
bm_so_object_gctime bitmap-marking-gc mark time



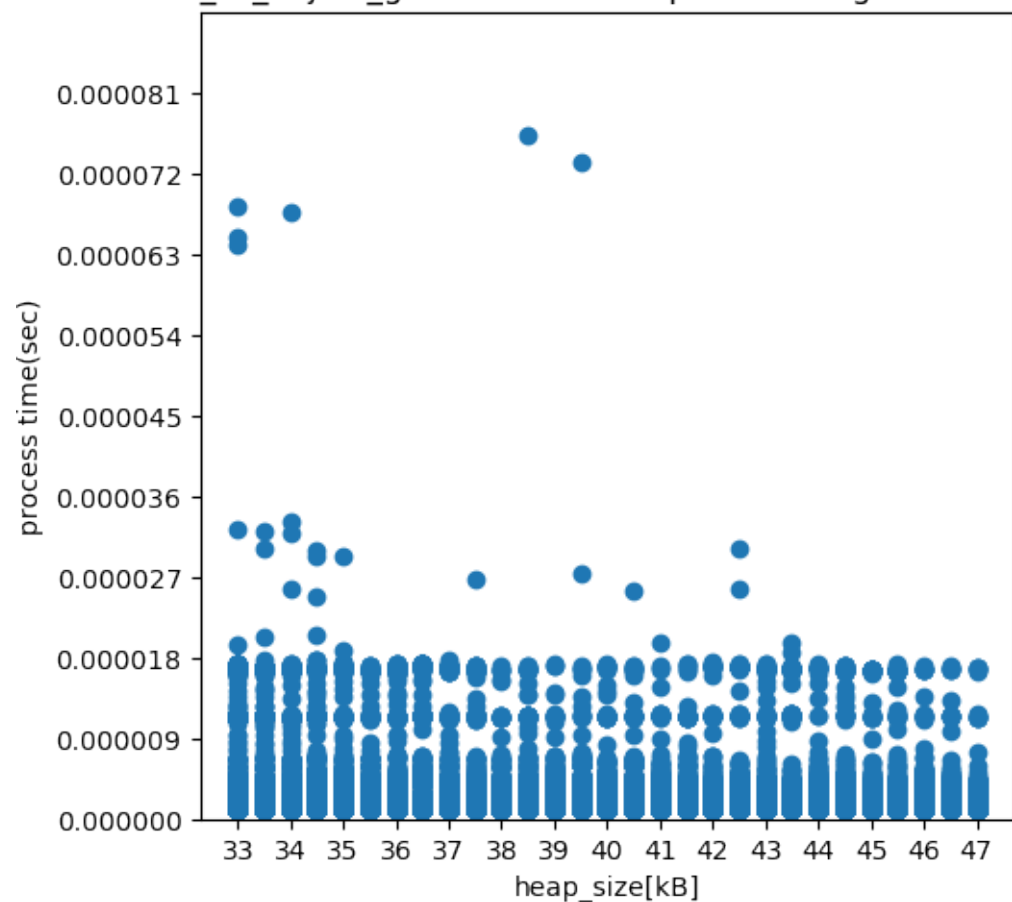
bm_so_object_gctime bitmap-marking-gc sweep time



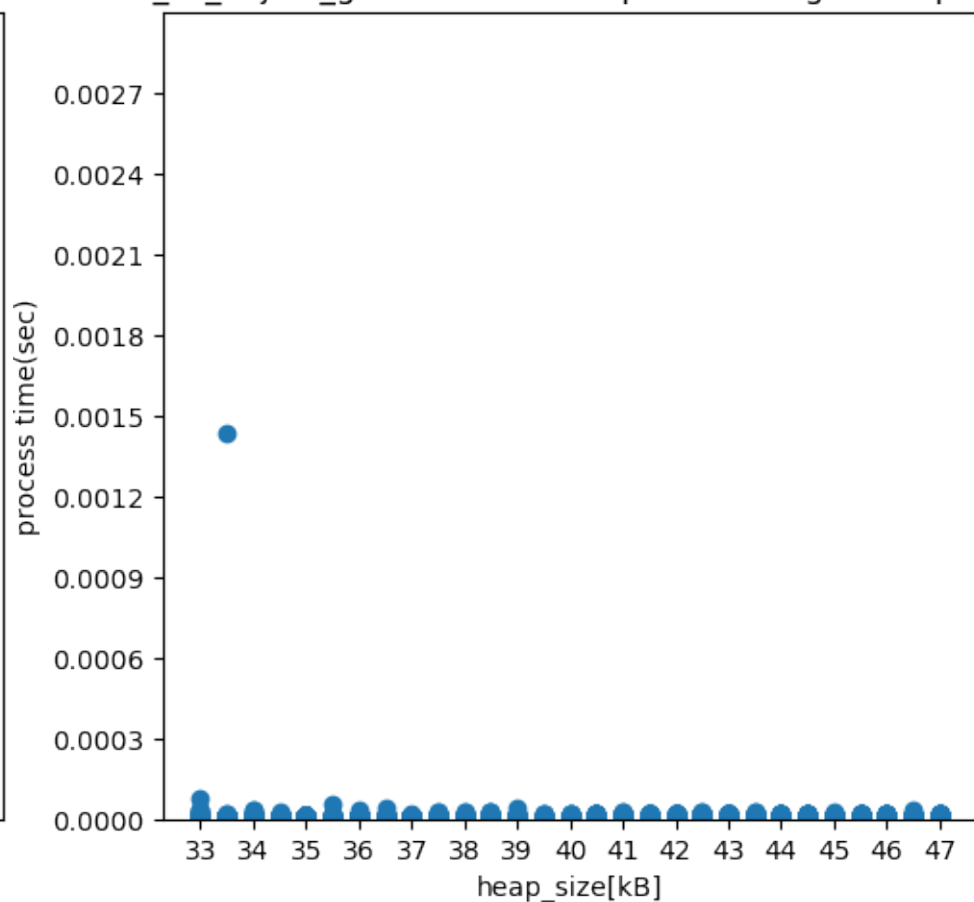
bm_so_object_gctime bitmap-marking-gc gc time



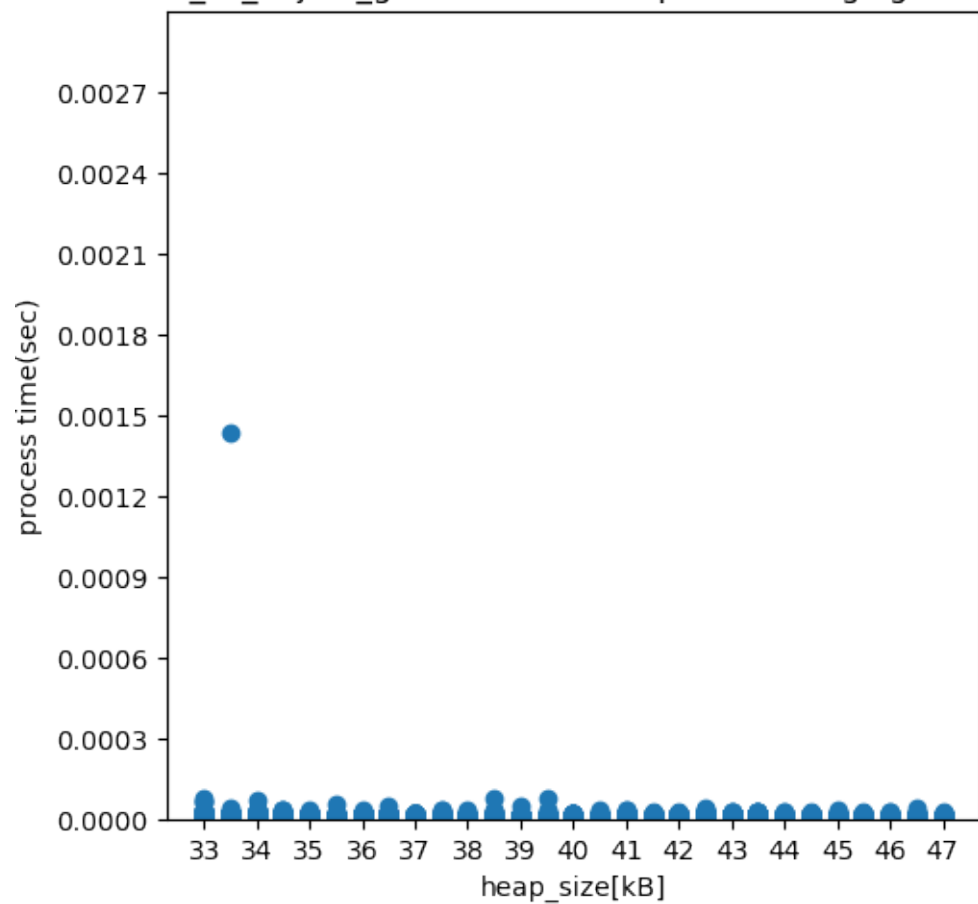
bm_so_object_gctime markswep-measure-gc mark time

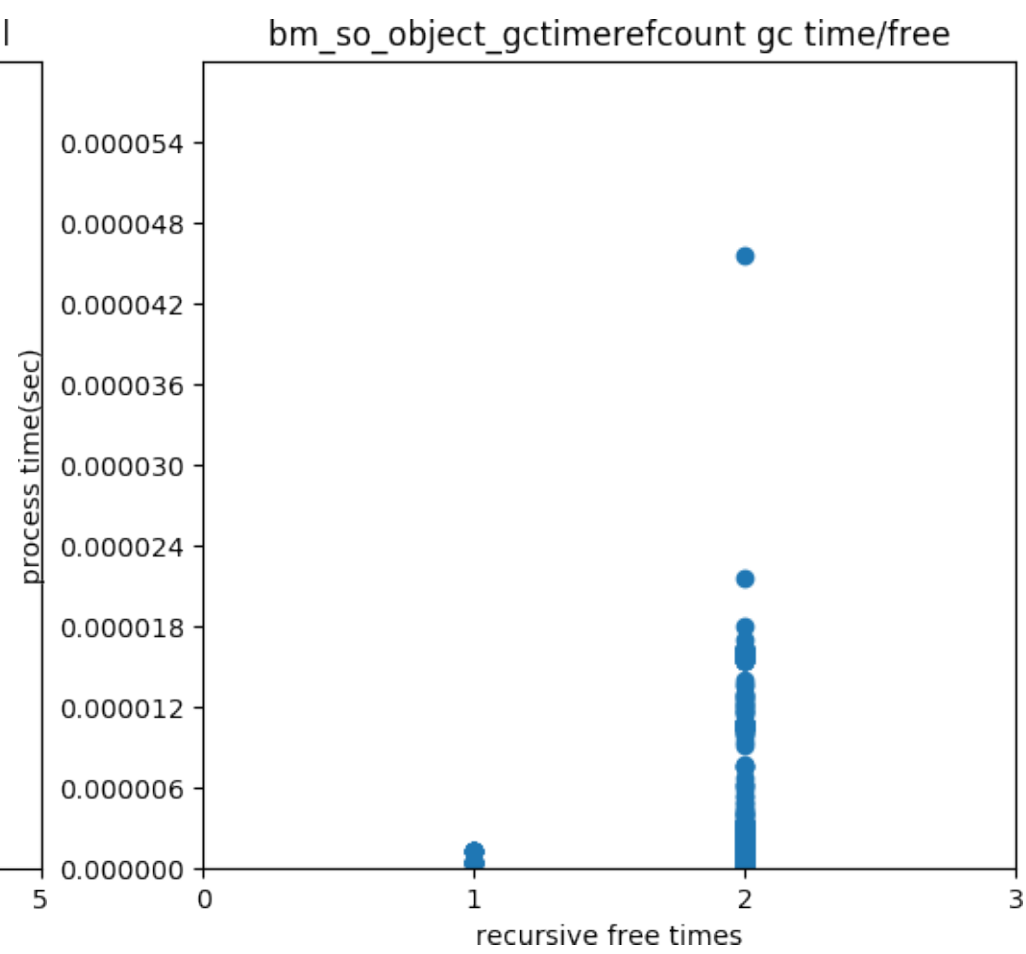
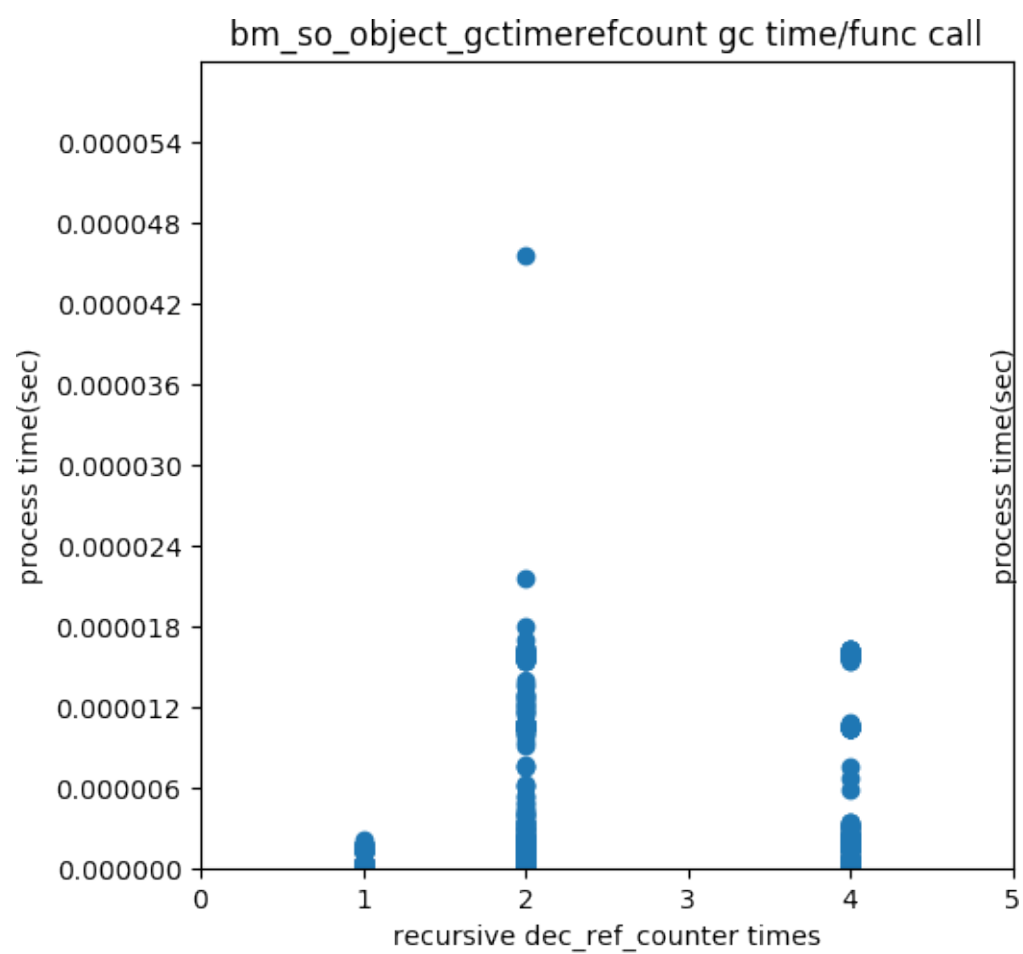


bm_so_object_gctime markswep-measure-gc sweep time

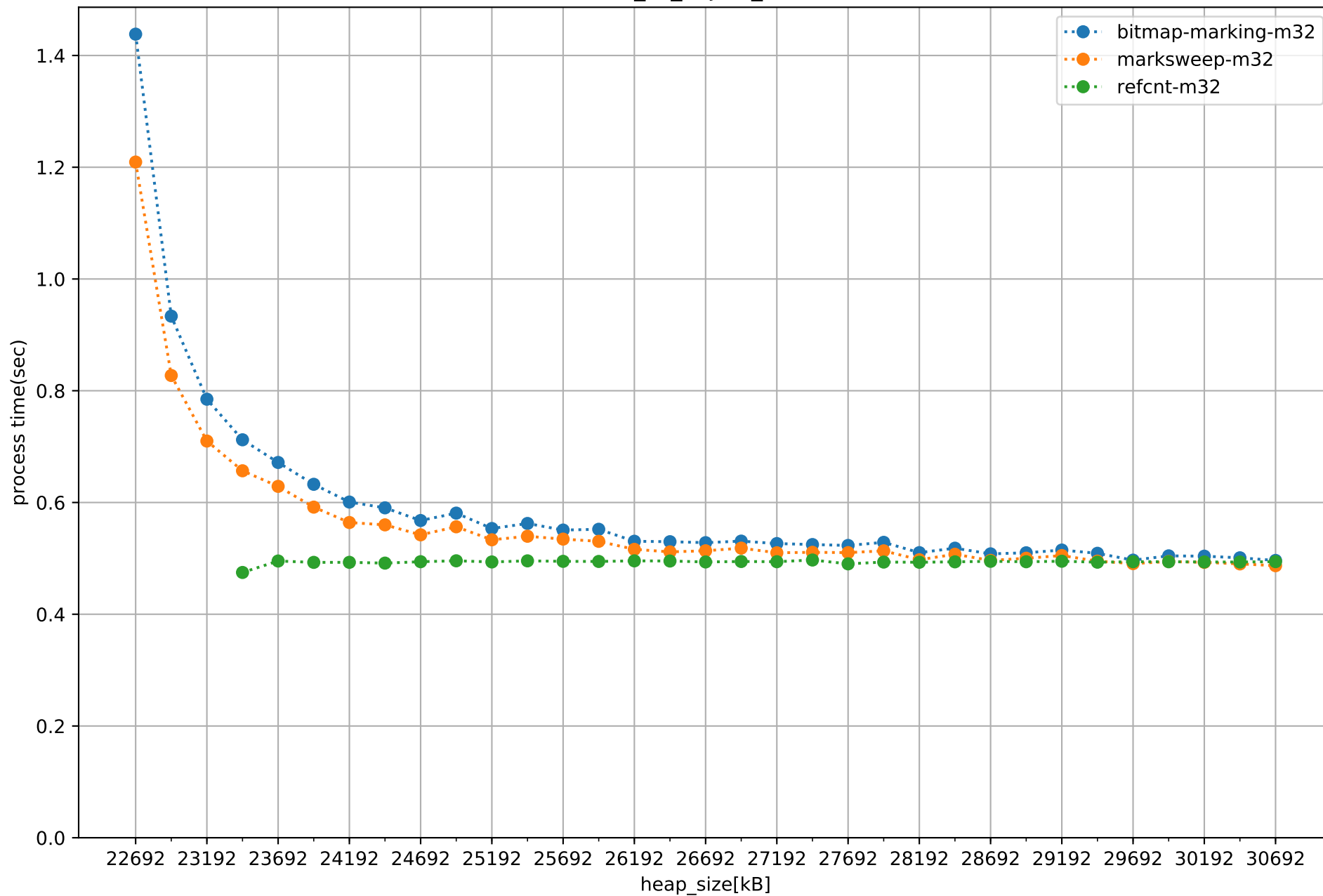


bm_so_object_gctime markswep-measure-gc gc time

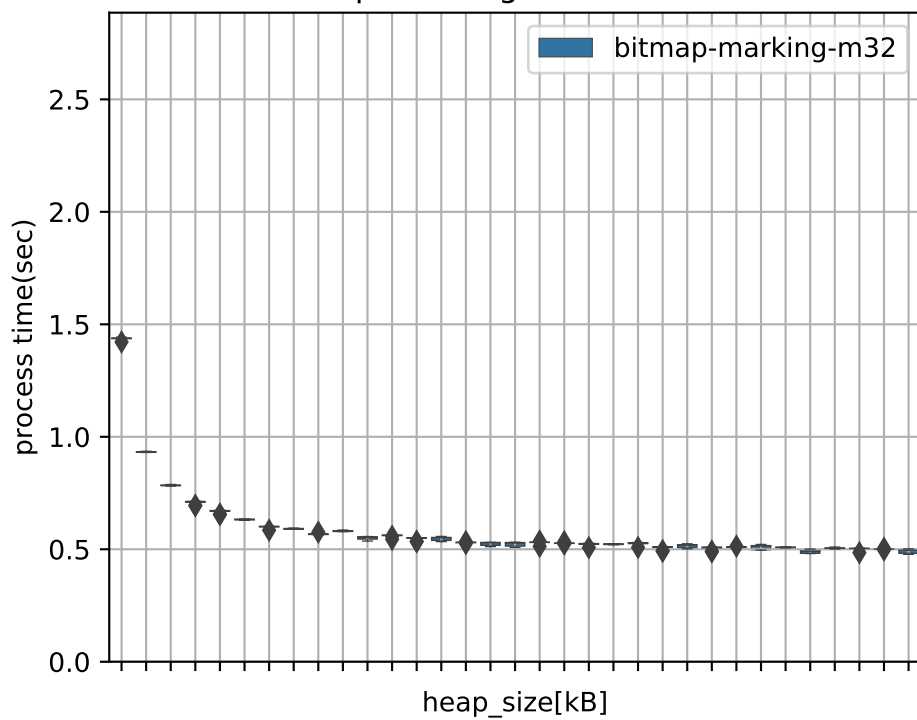




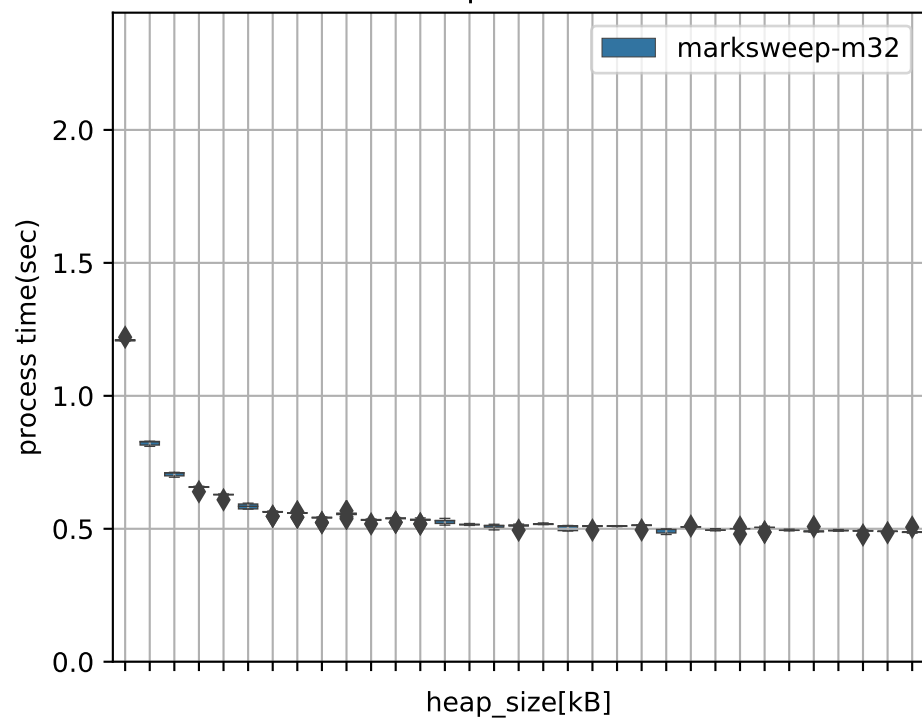
bm_so_object_m32



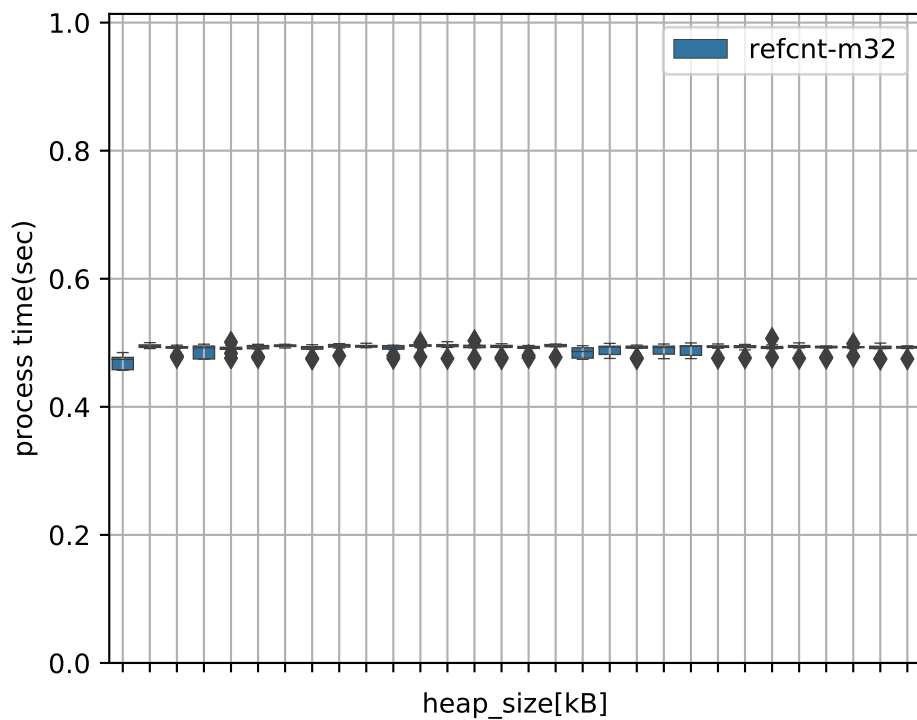
bitmap-marking-m32 total time



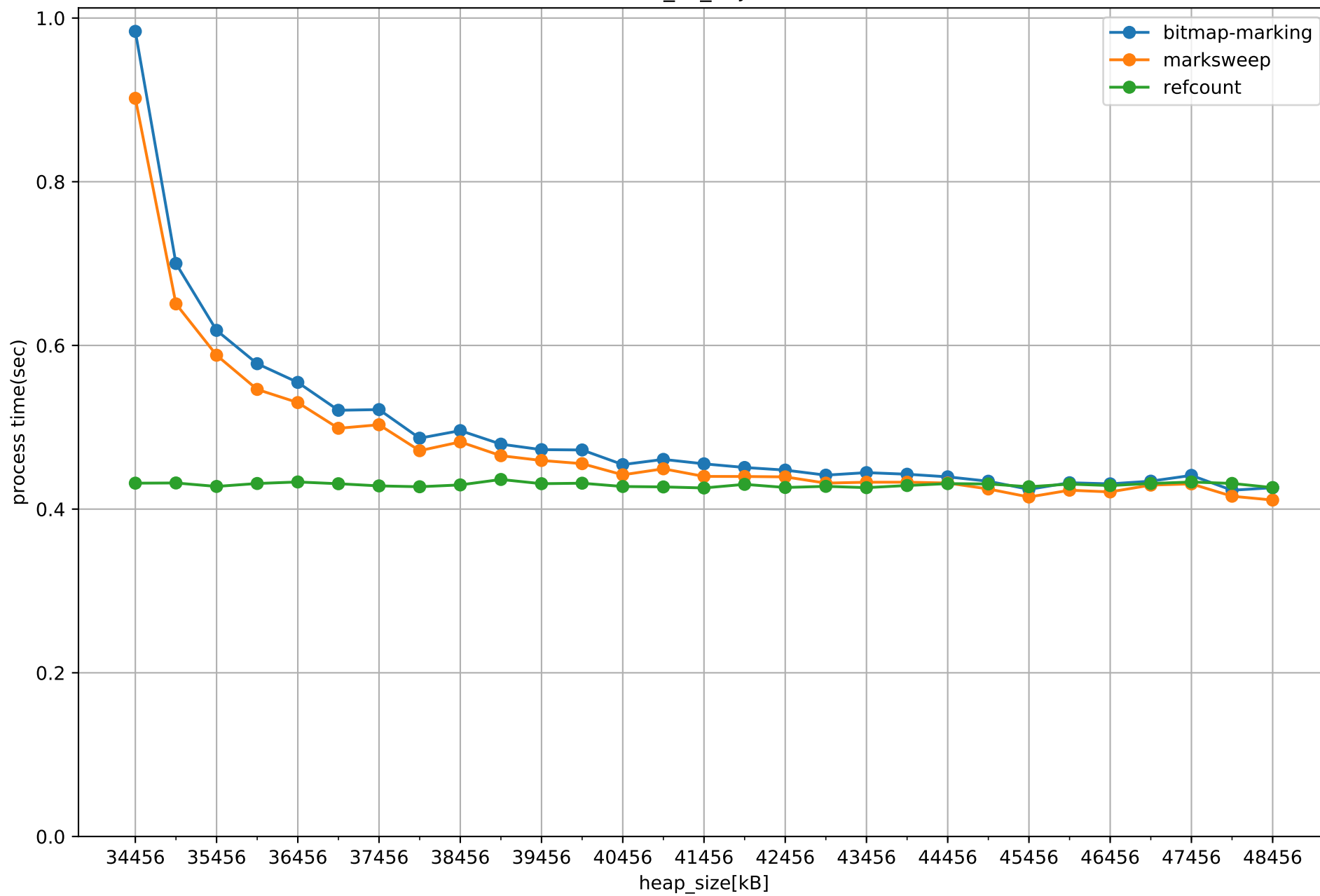
marksweep-m32 total time



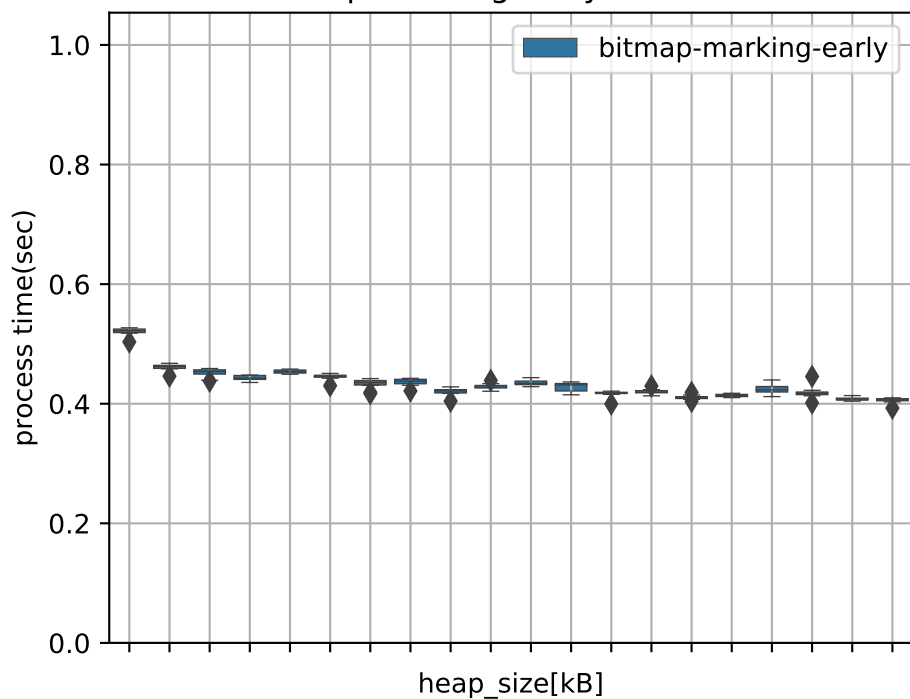
refcnt-m32 total time



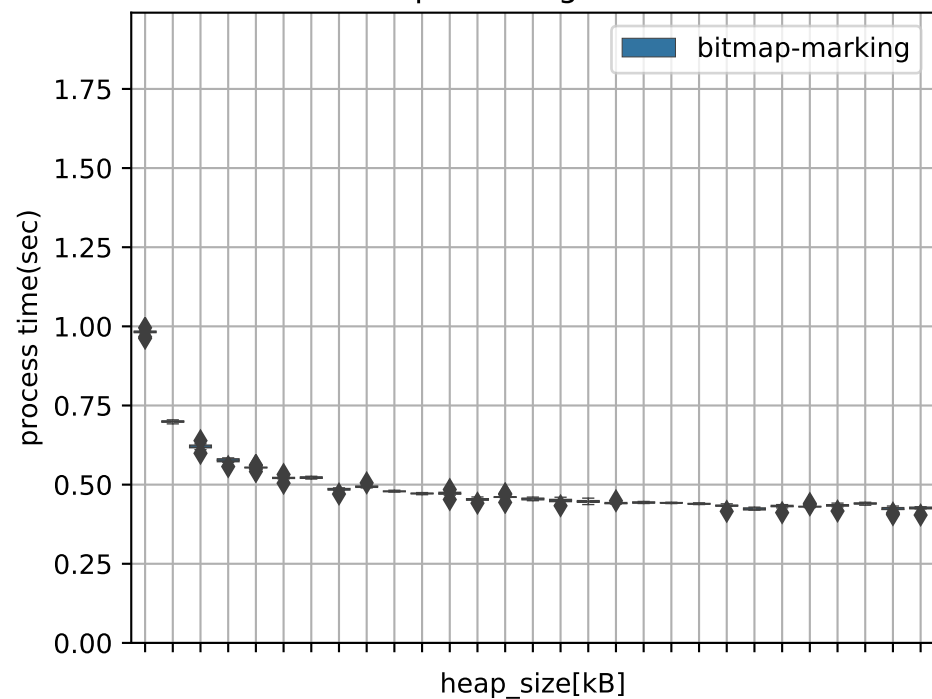
bm_so_object



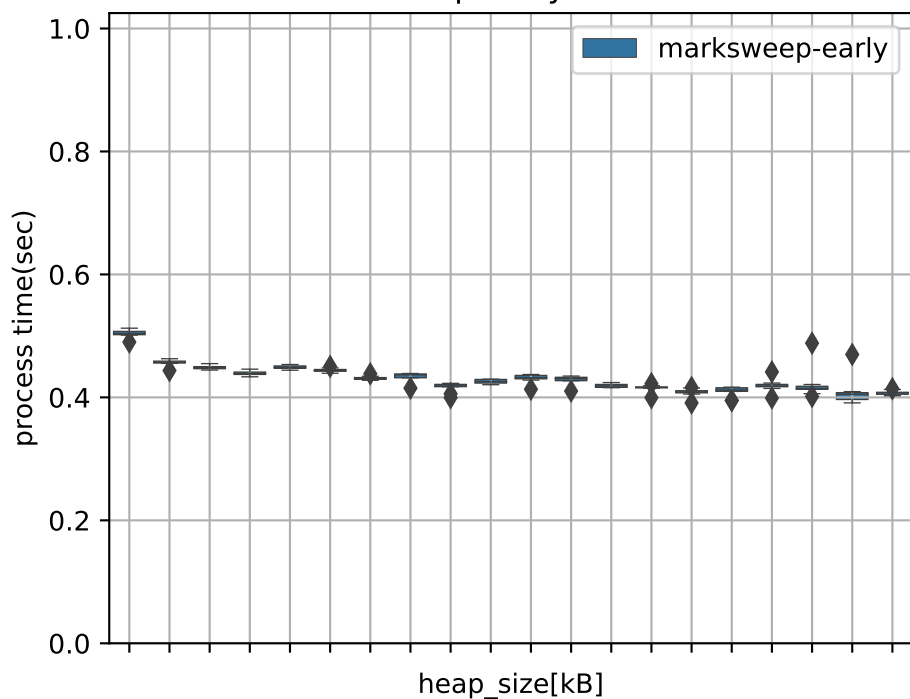
bitmap-marking-early total time



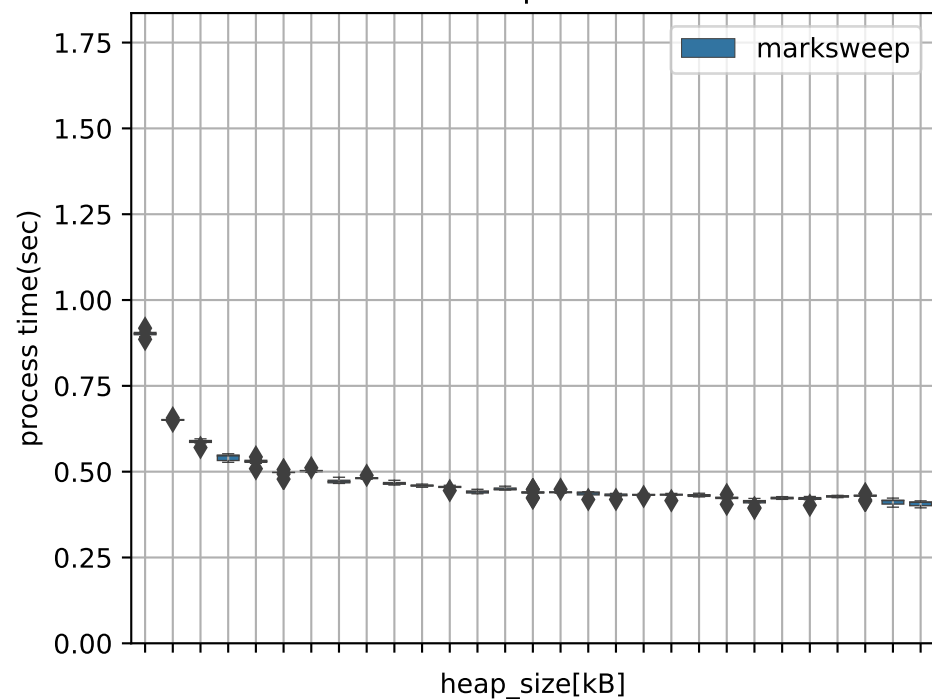
bitmap-marking total time



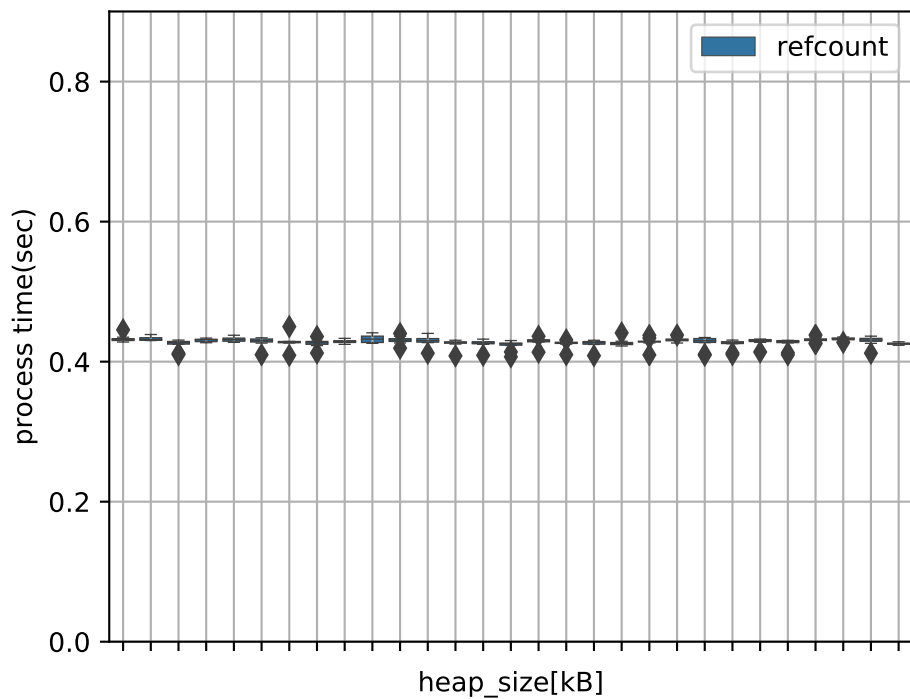
marksweep-early total time



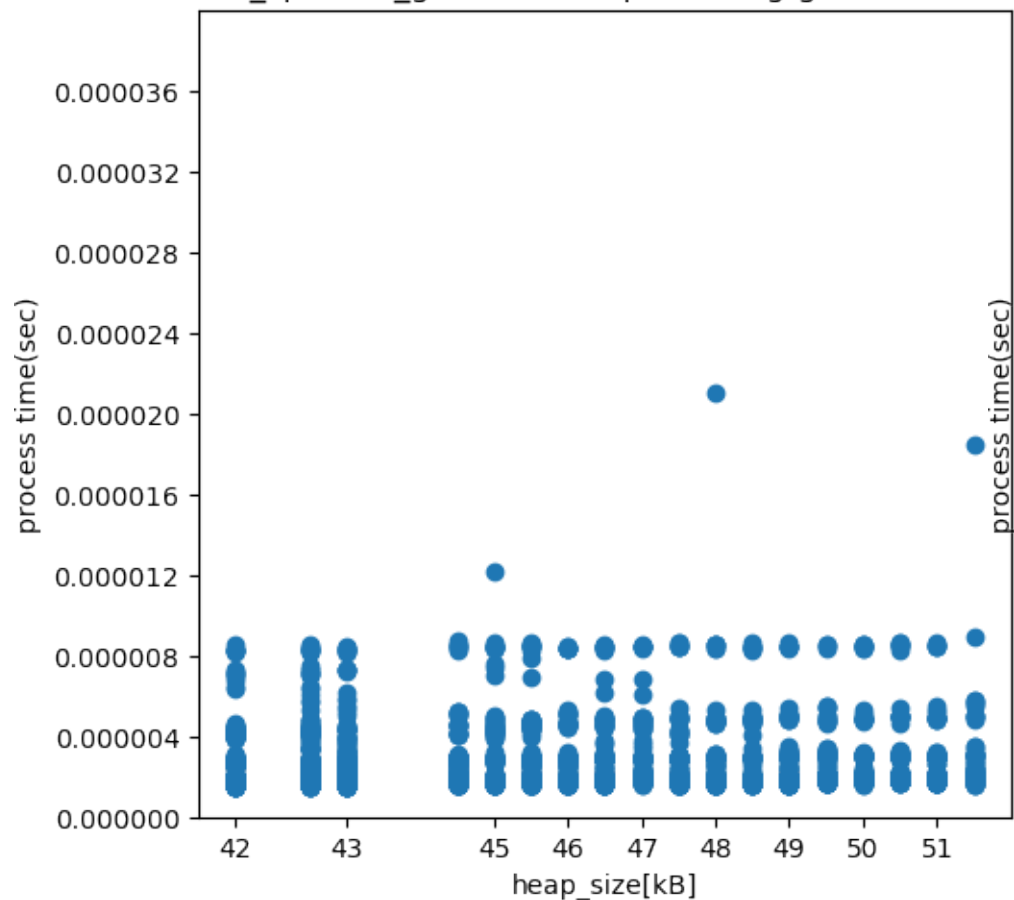
marksweep total time



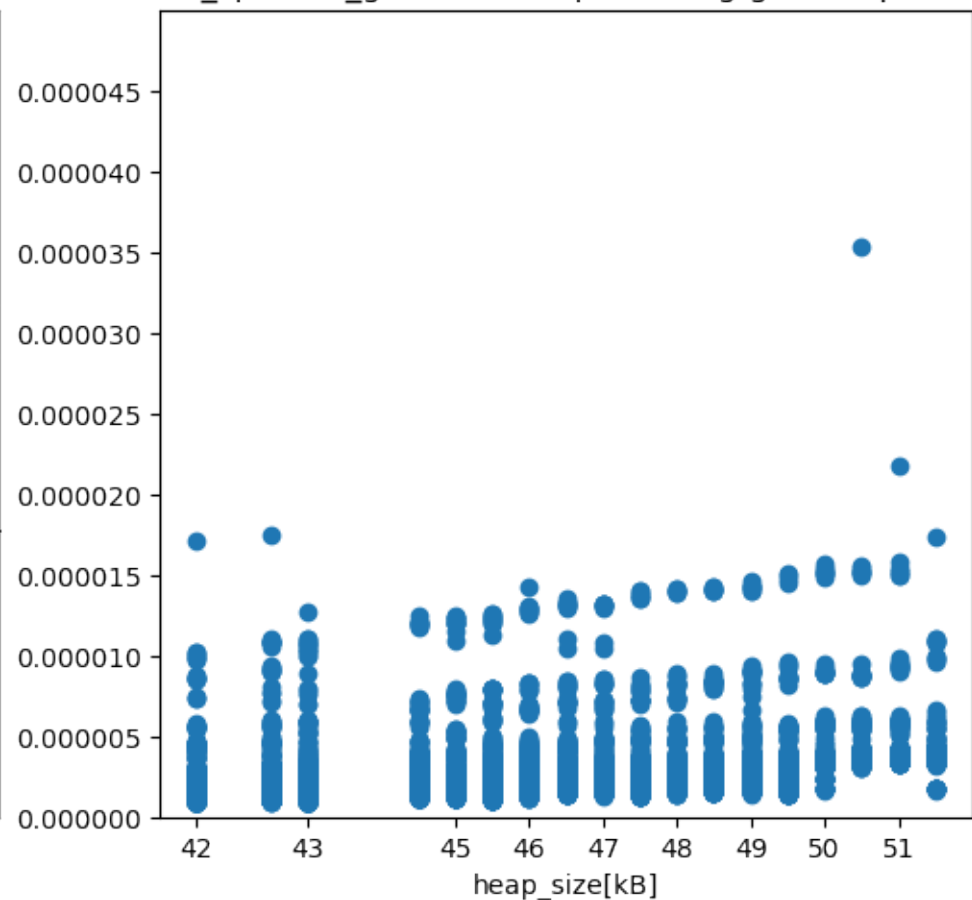
refcount total time



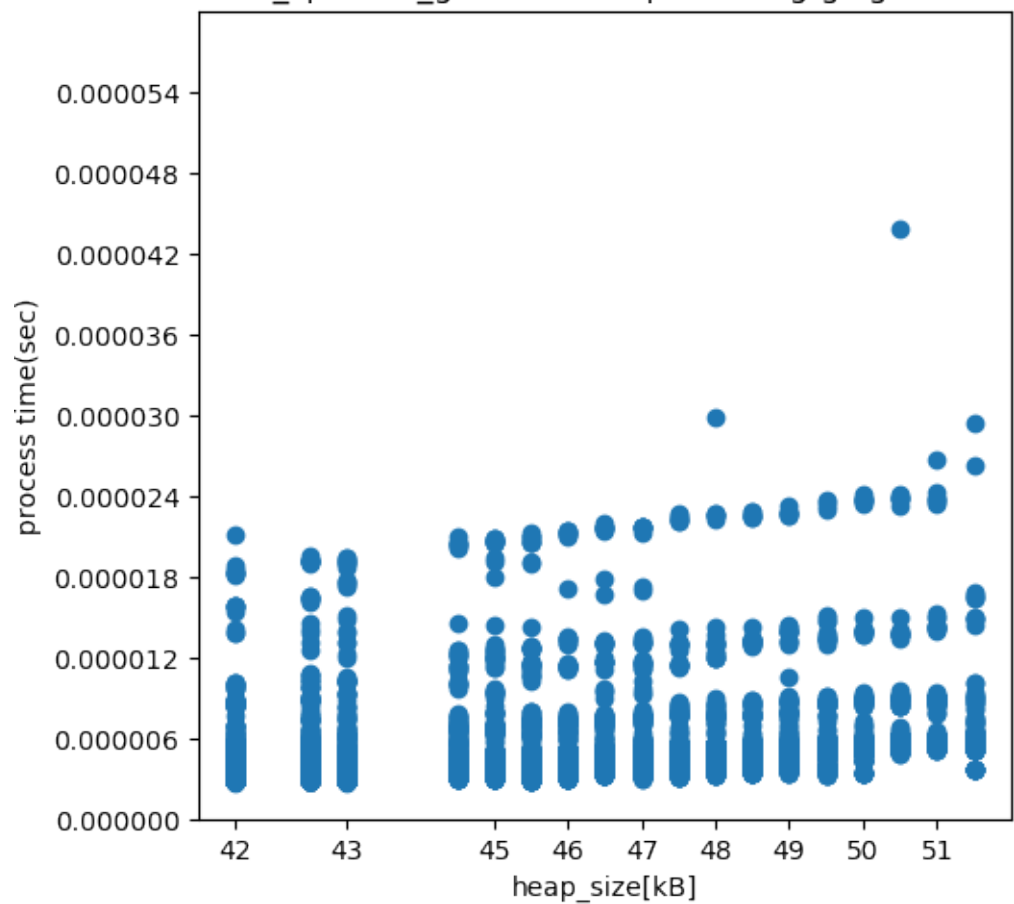
bm_spectral_gctime bitmap-marking-gc mark time



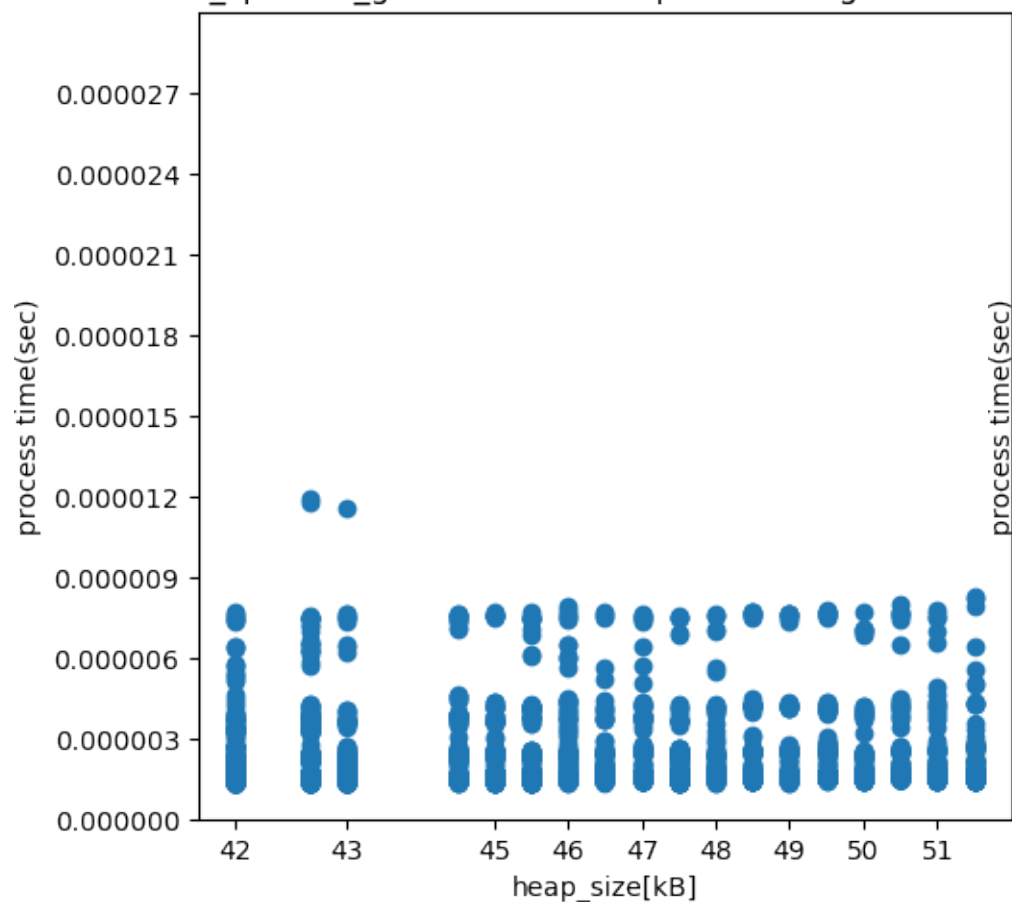
bm_spectral_gctime bitmap-marking-gc sweep time



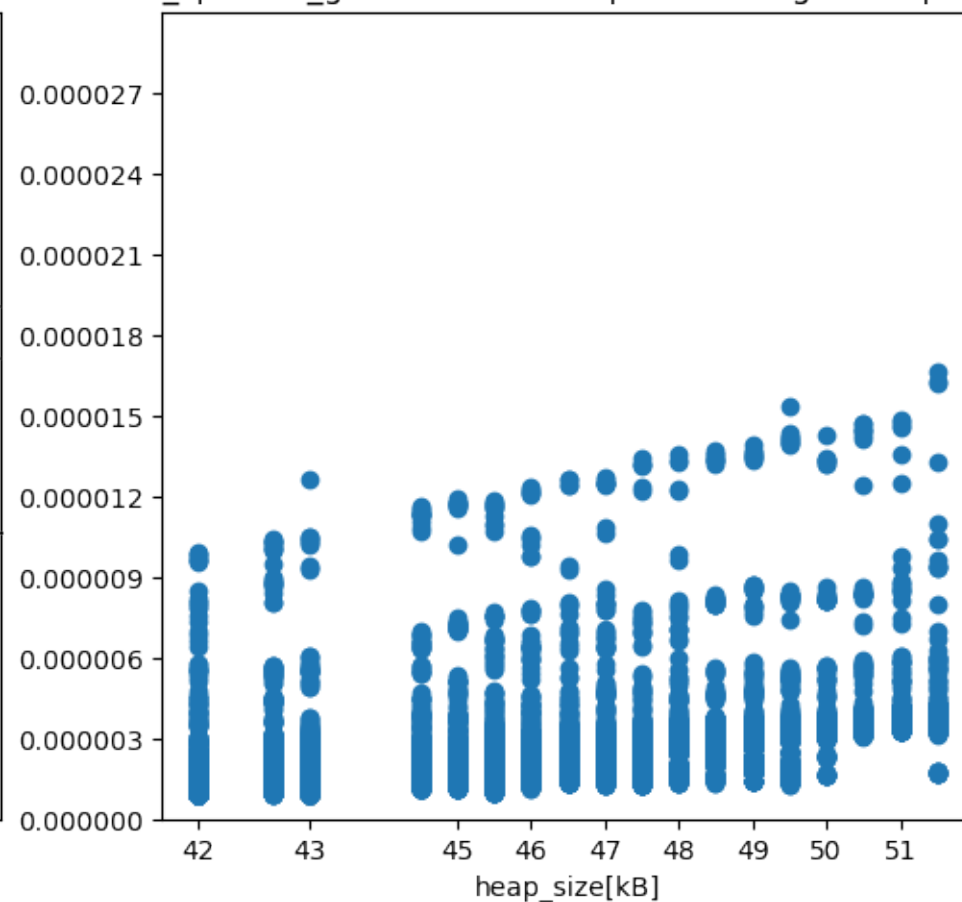
bm_spectral_gctime bitmap-marking-gc gc time



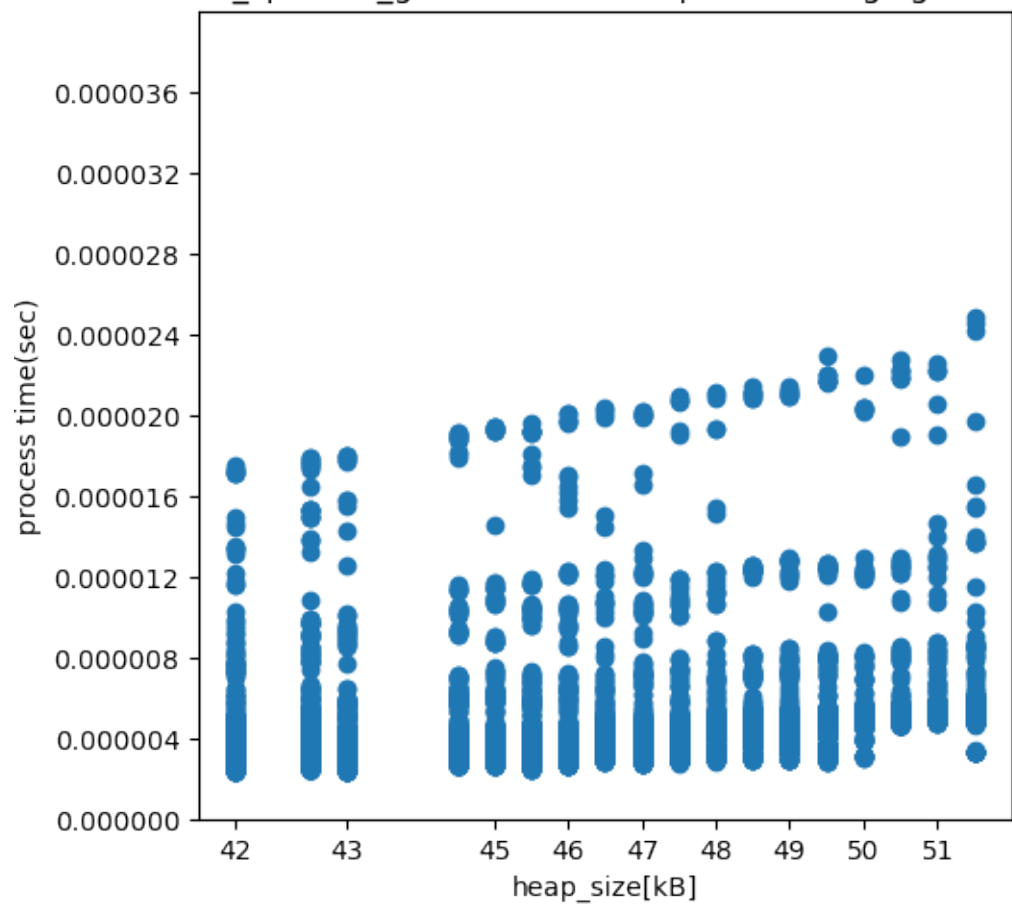
bm_spectral_gctime markswep-measure-gc mark time

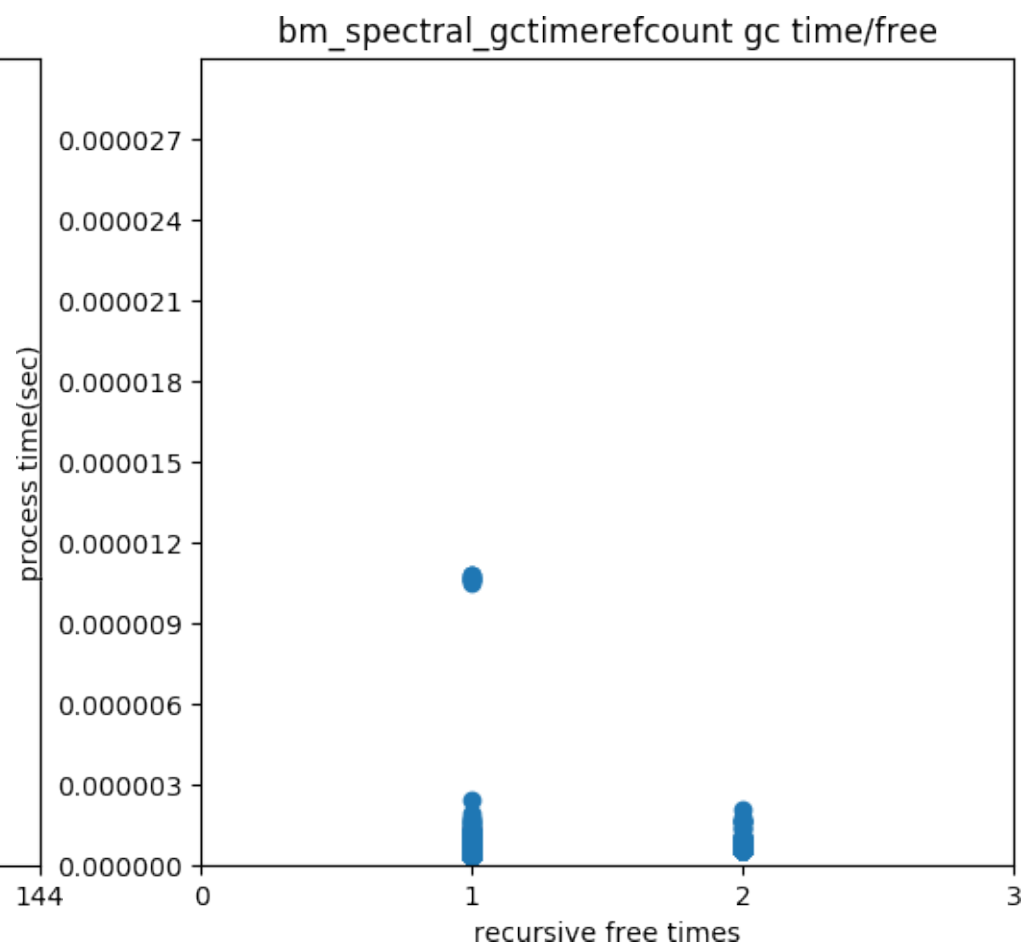
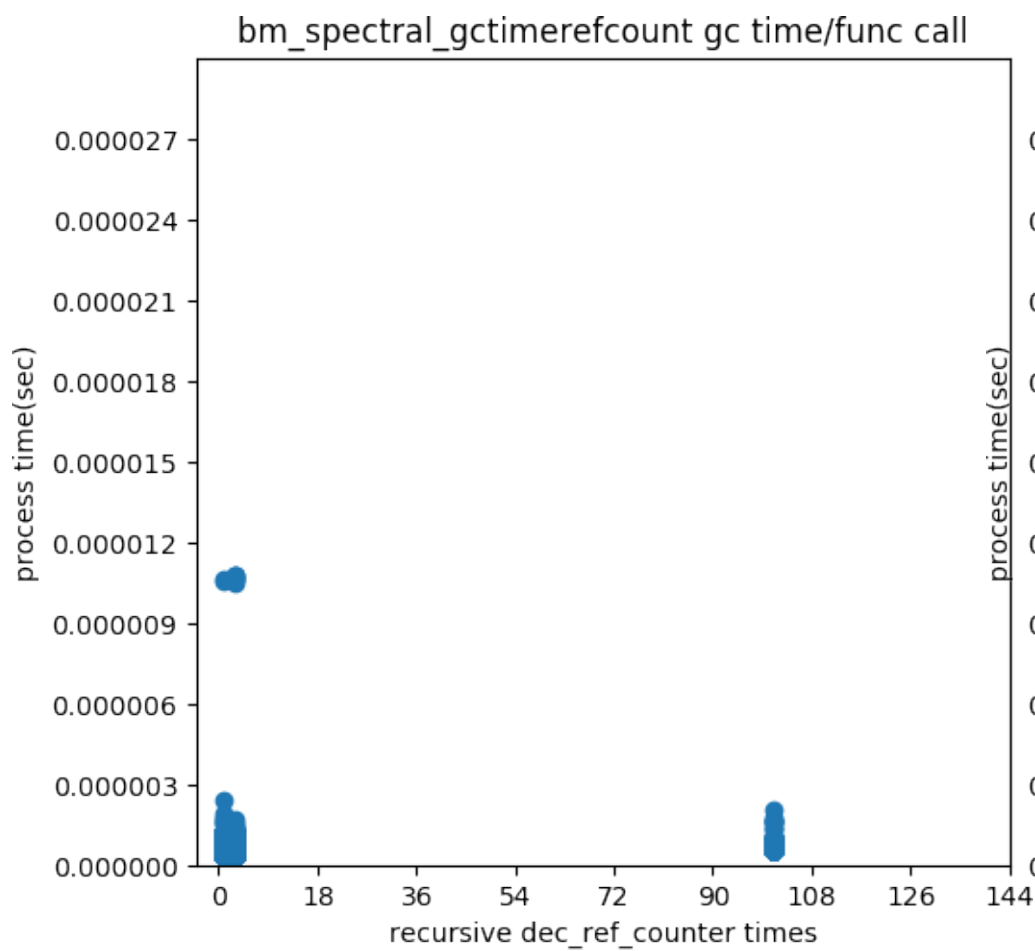


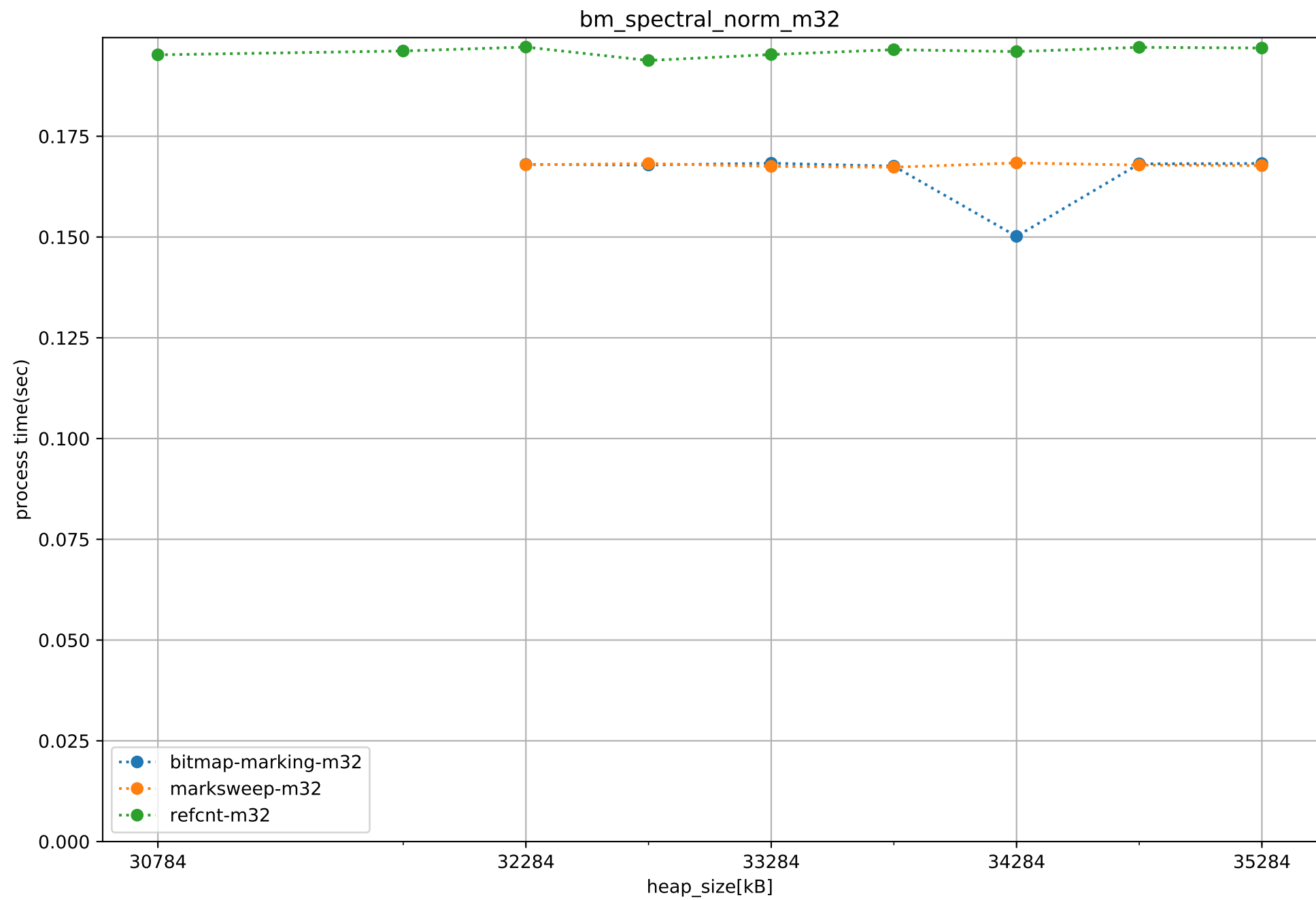
bm_spectral_gctime markswep-measure-gc sweep time



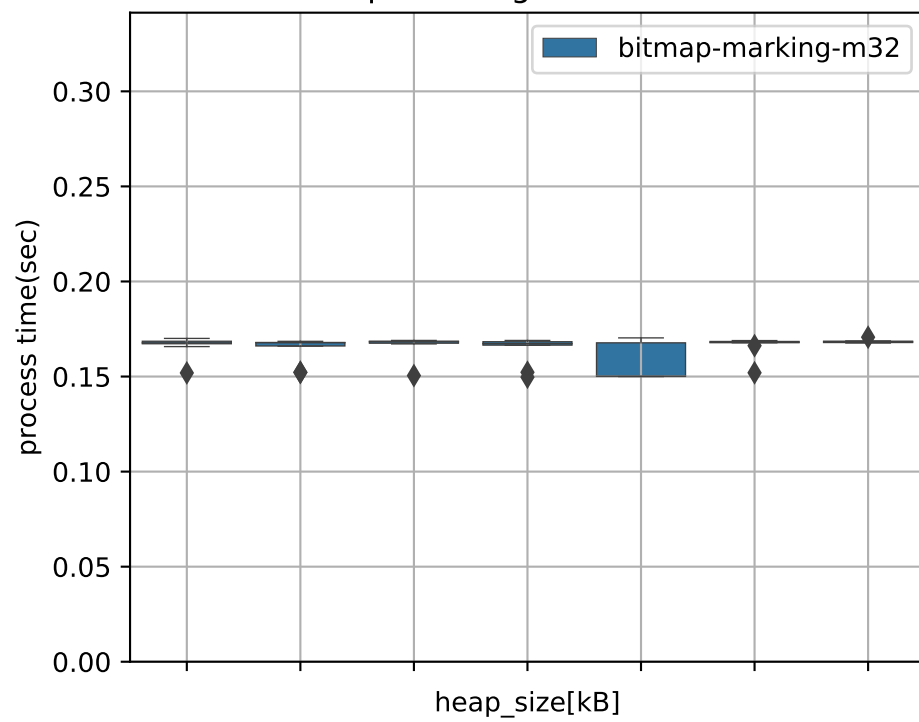
bm_spectral_gctime markswep-measure-gc gc time



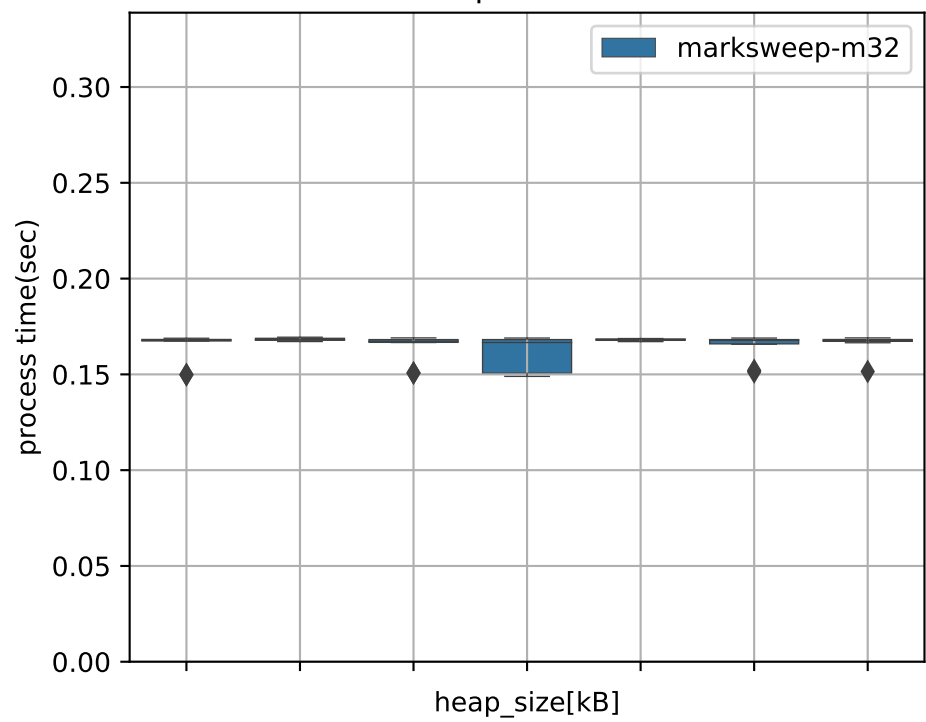




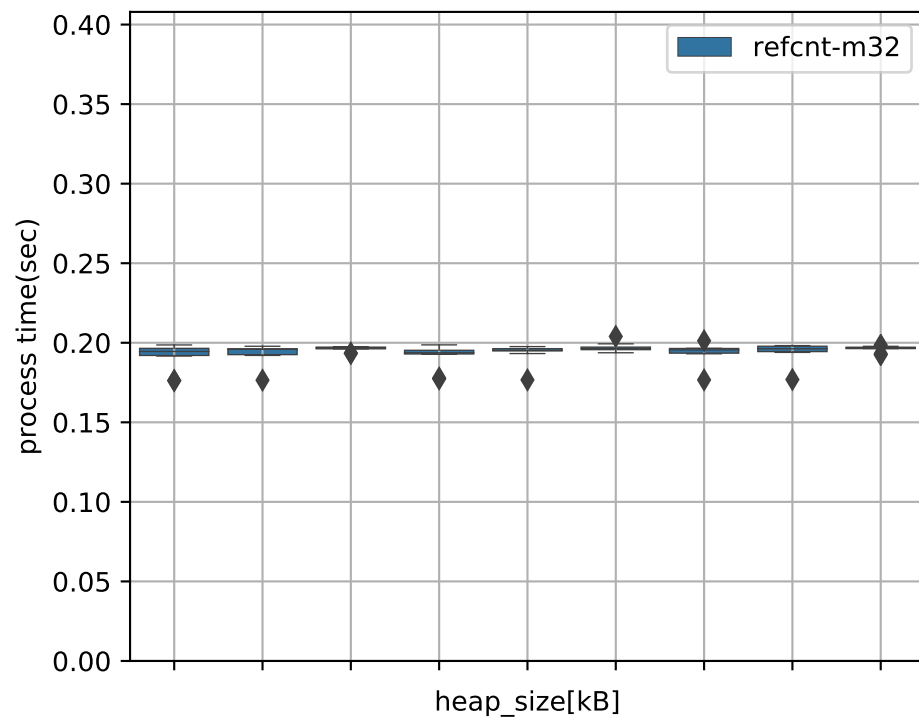
bitmap-marking-m32 total time

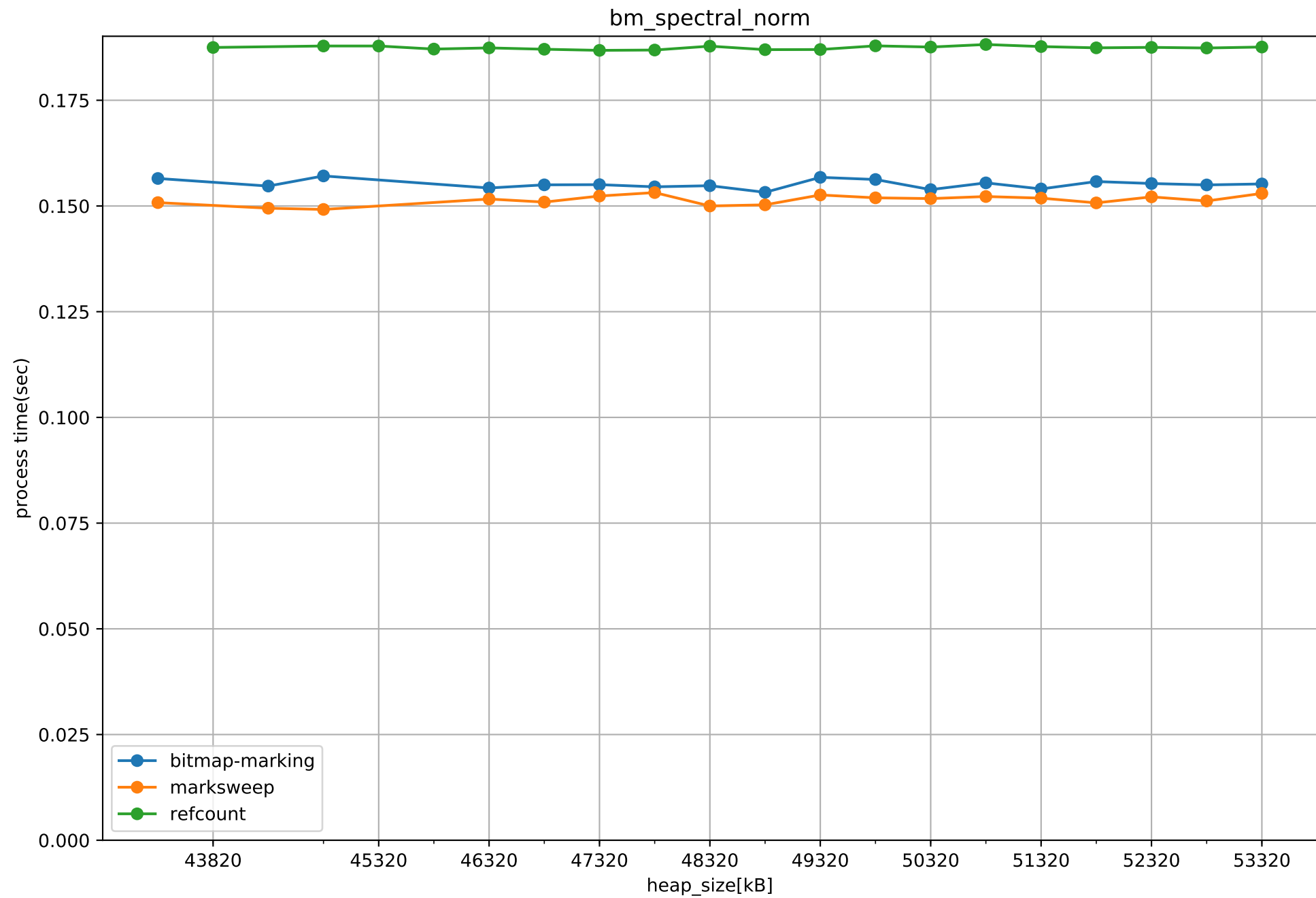


marksweep-m32 total time

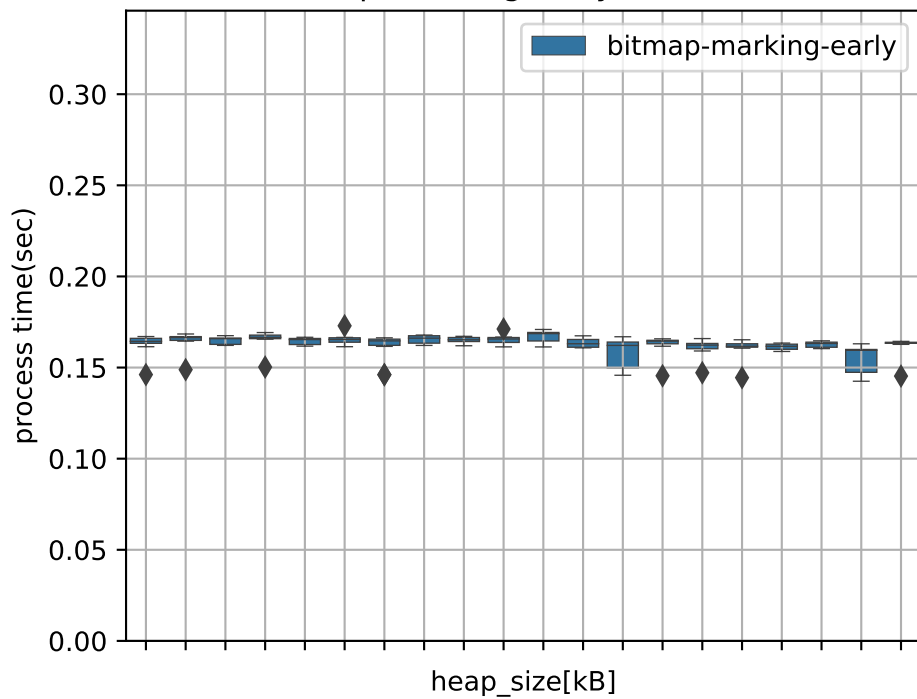


refcnt-m32 total time

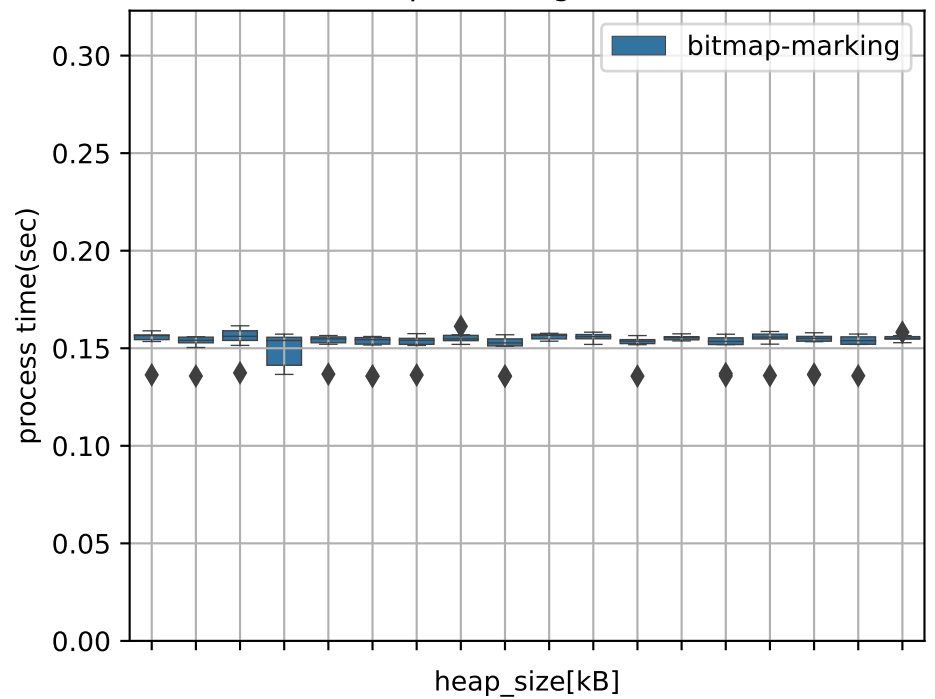




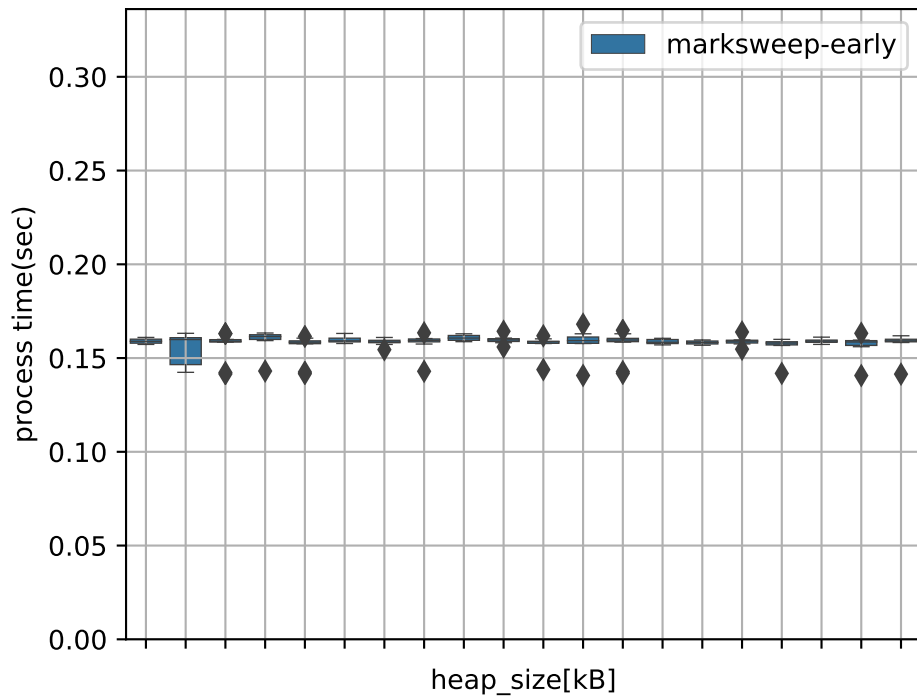
bitmap-marking-early total time



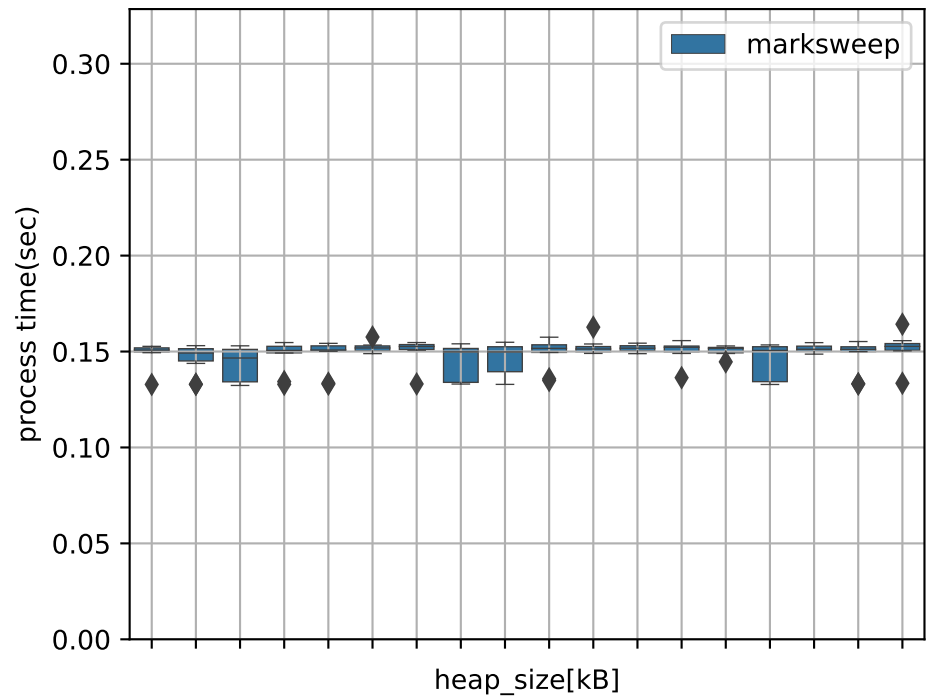
bitmap-marking total time



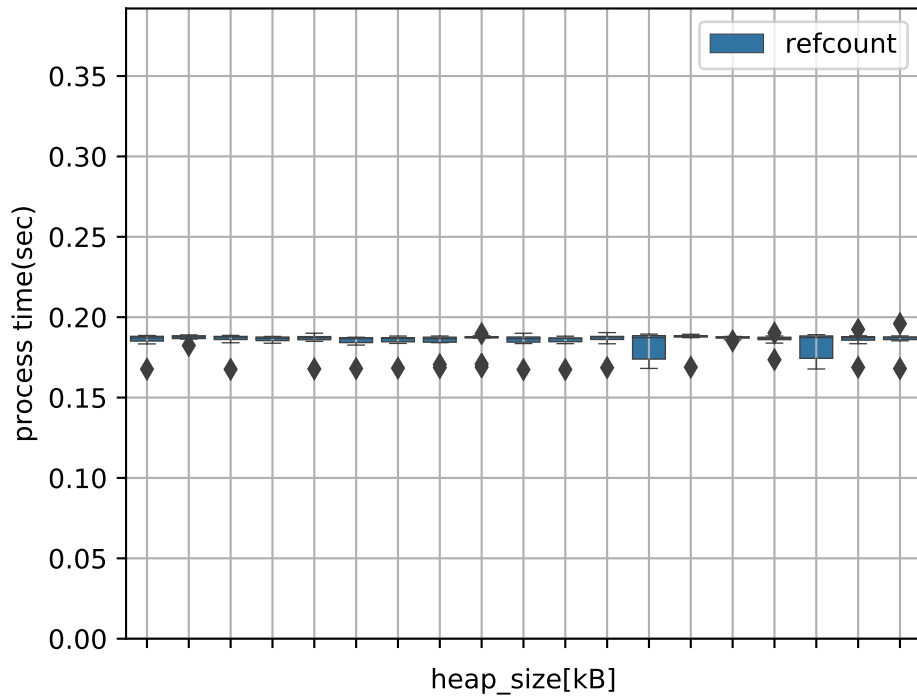
marksweep-early total time



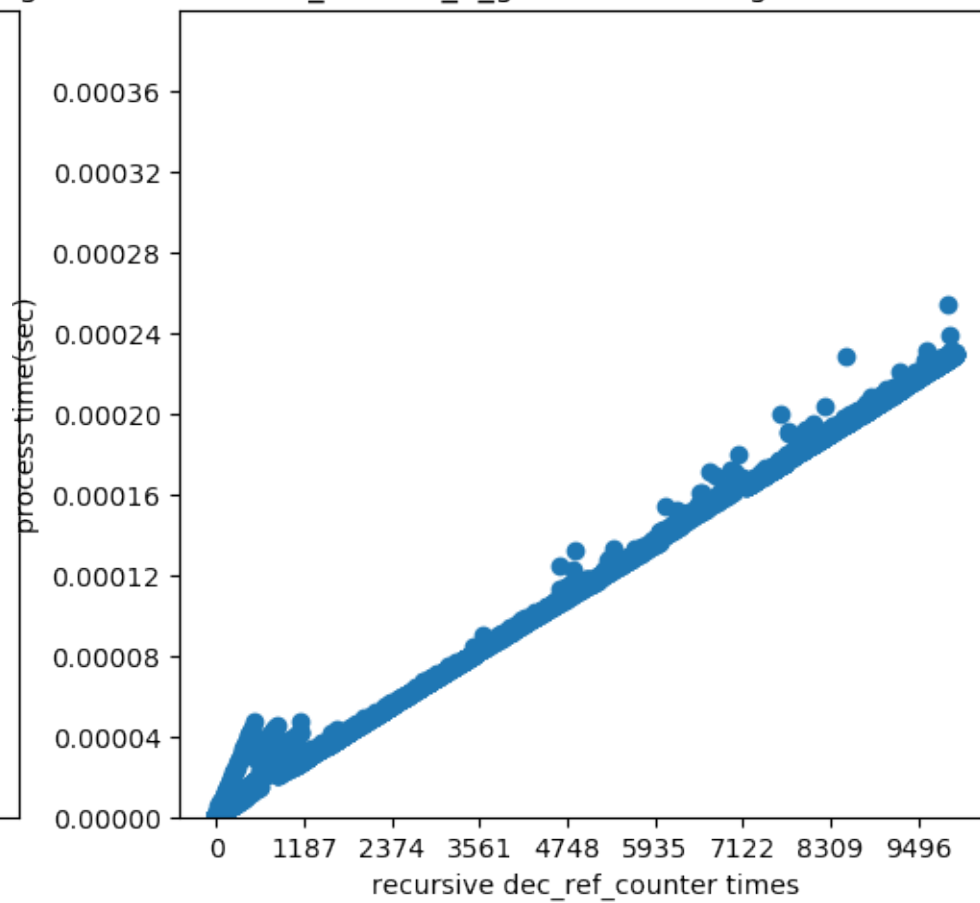
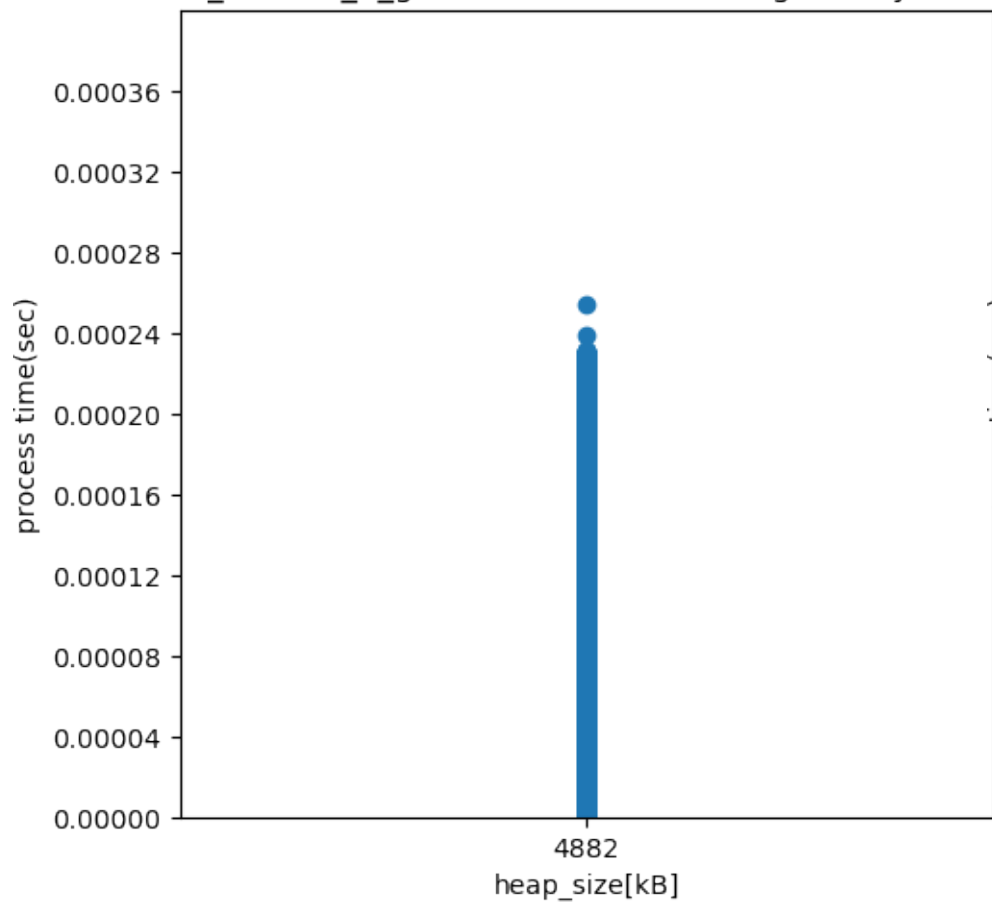
marksweep total time



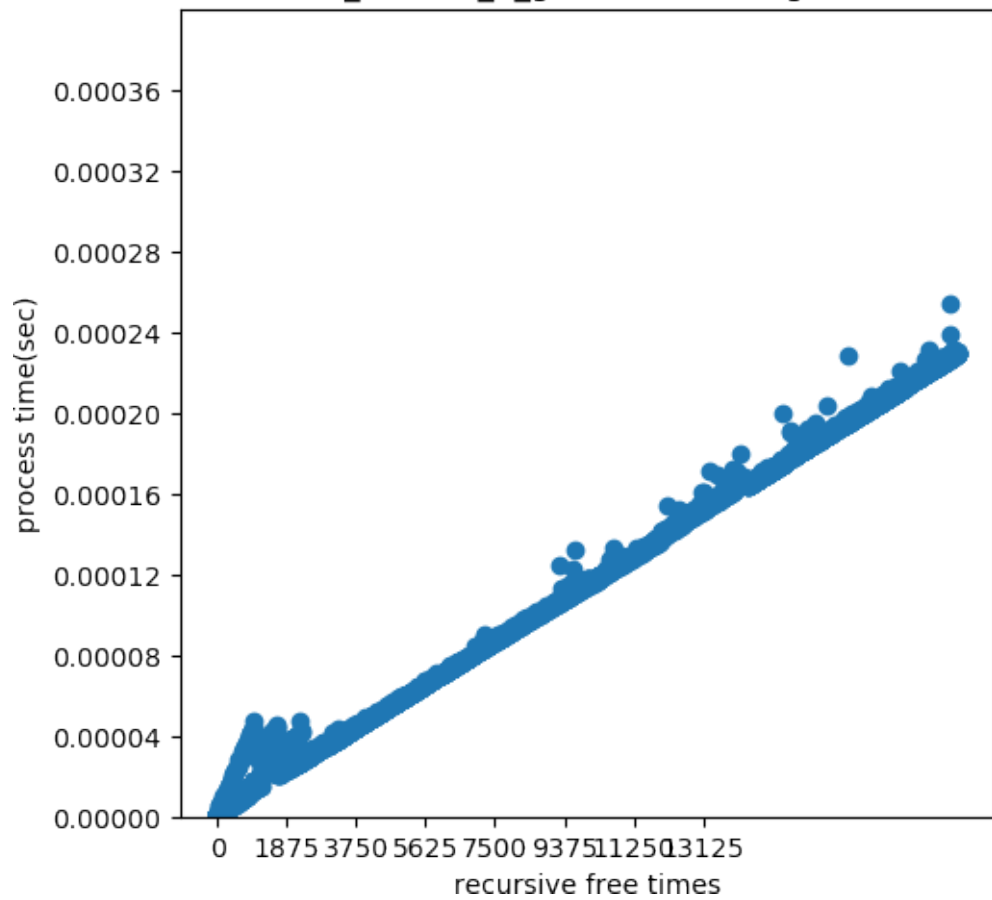
refcount total time



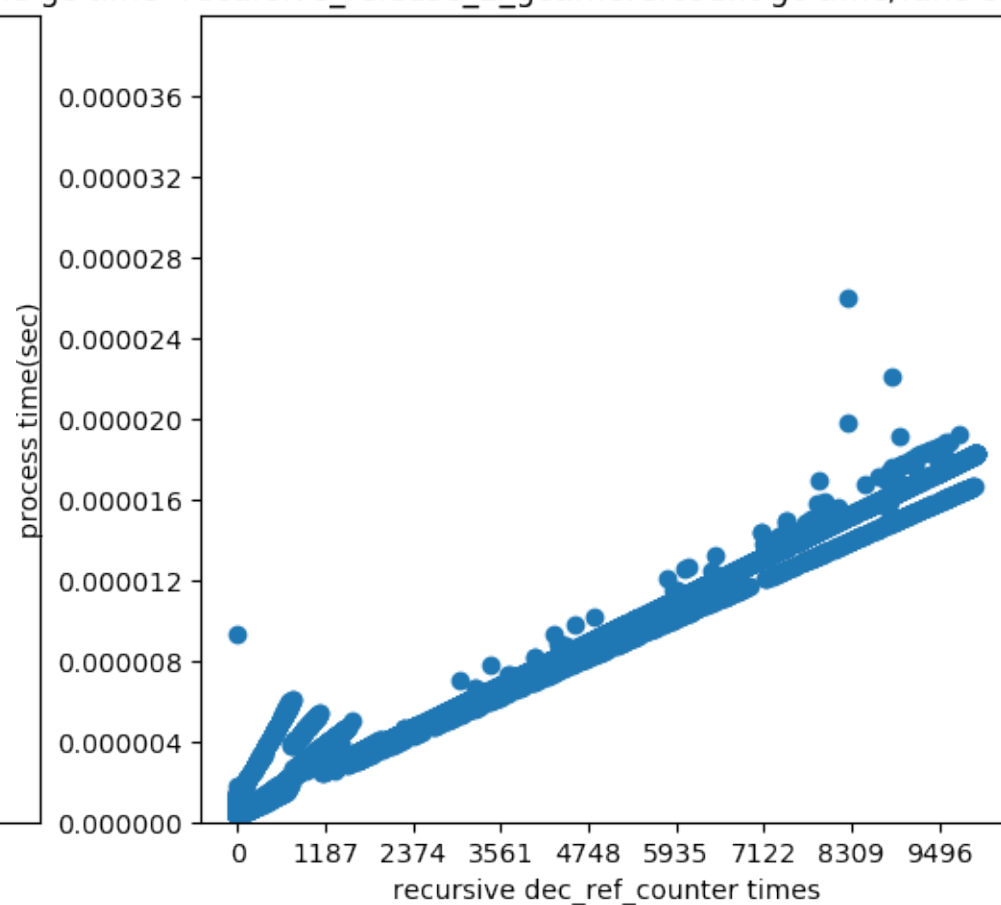
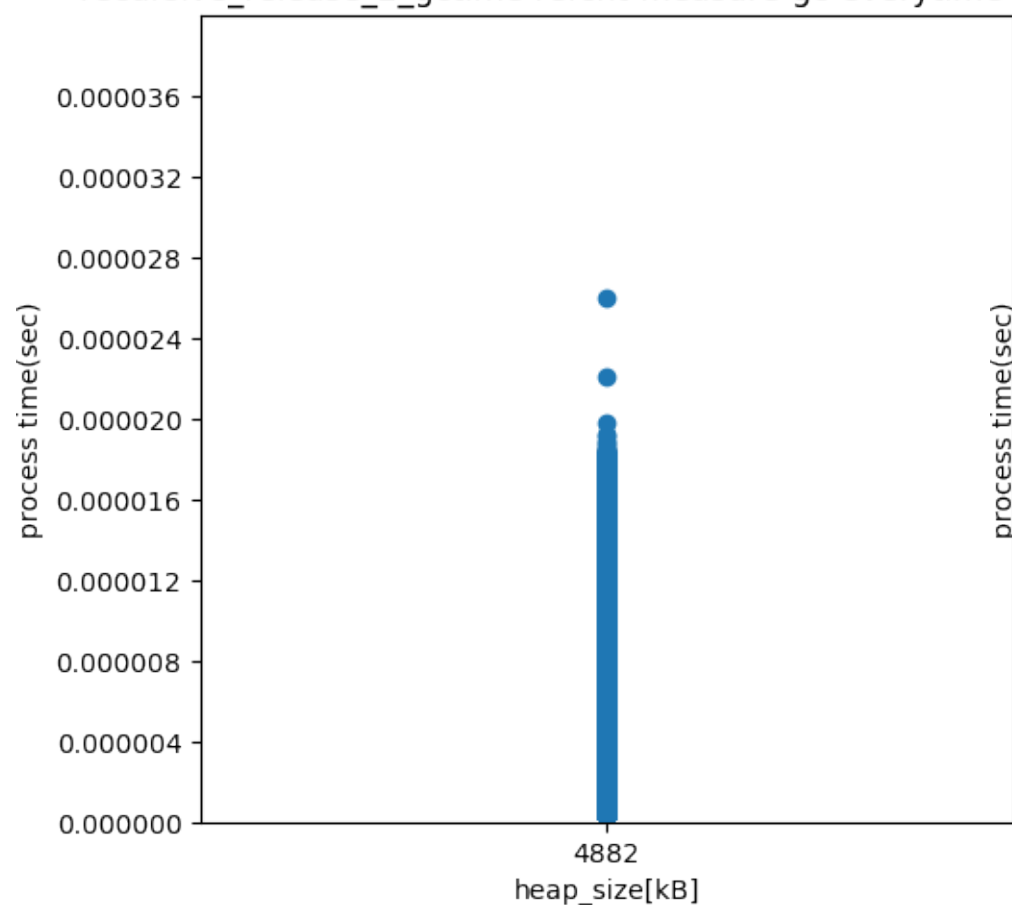
recursive_release_1_gctime refcnt-measure-gc-everytime gc time recursive_release_1_gctimerefcount gc time/func call



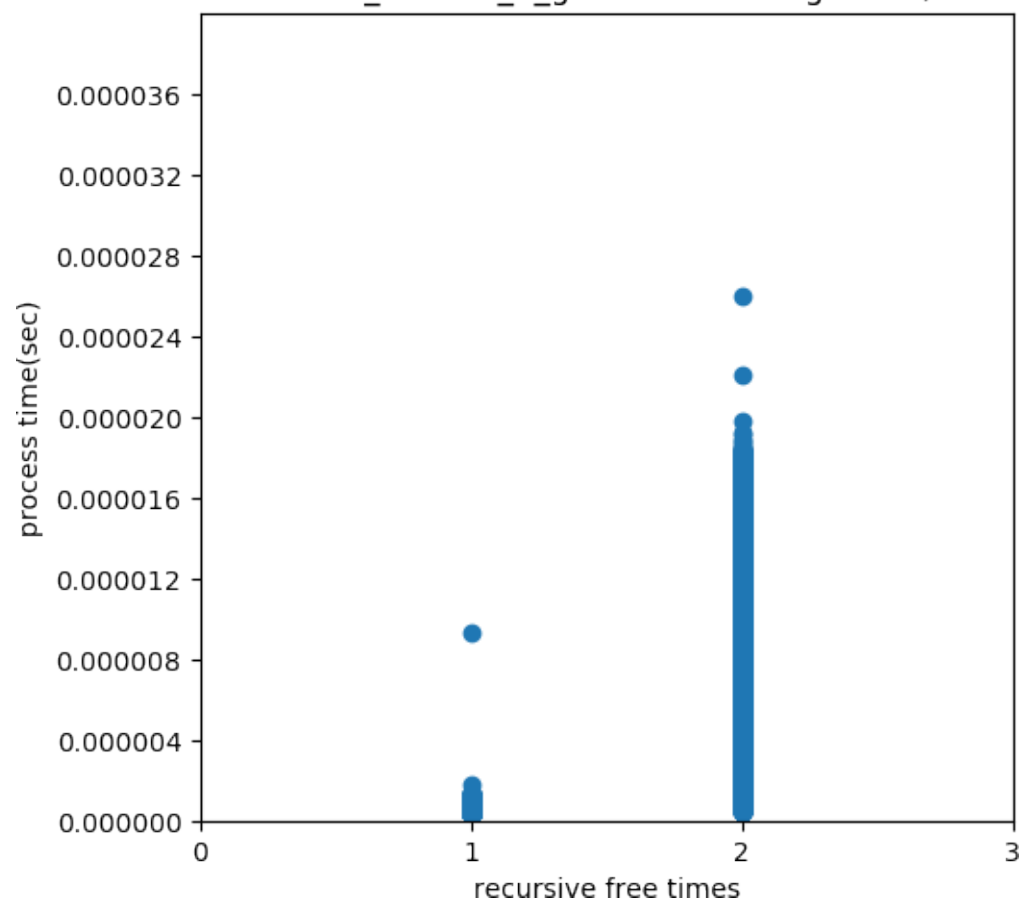
recursive_release_1_gctimerefcount gc time/free

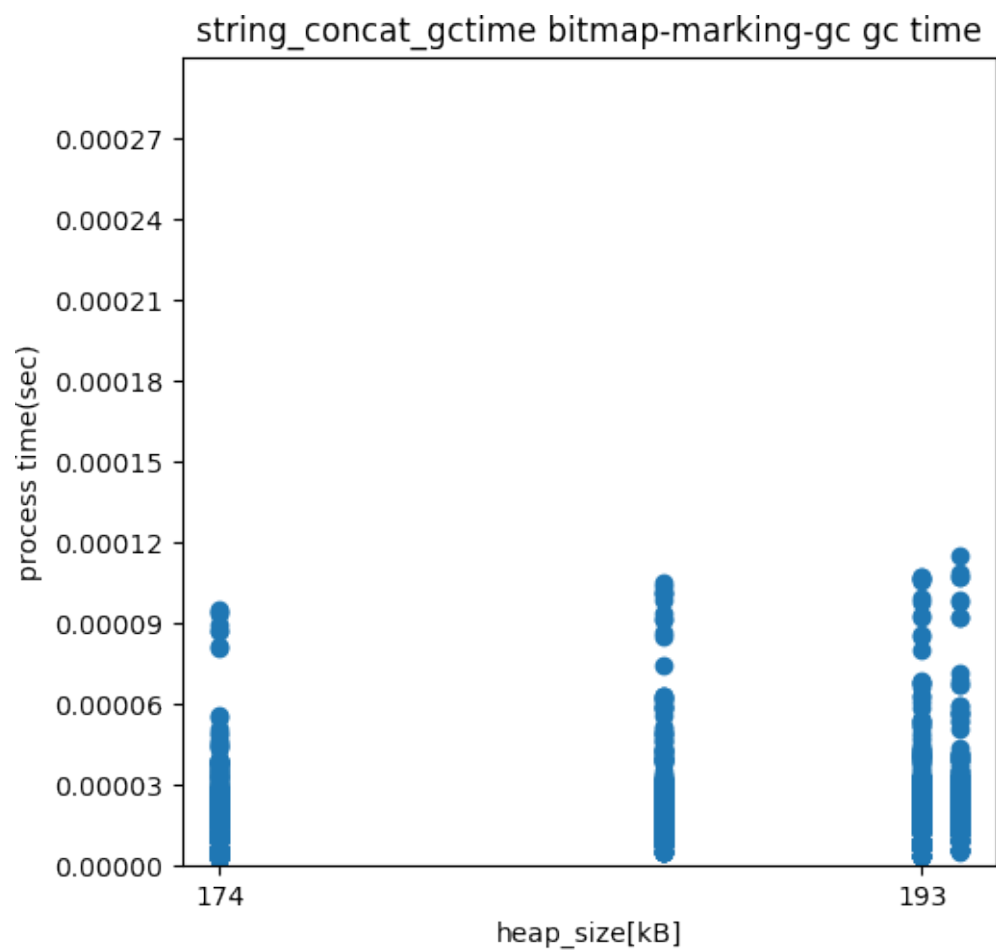
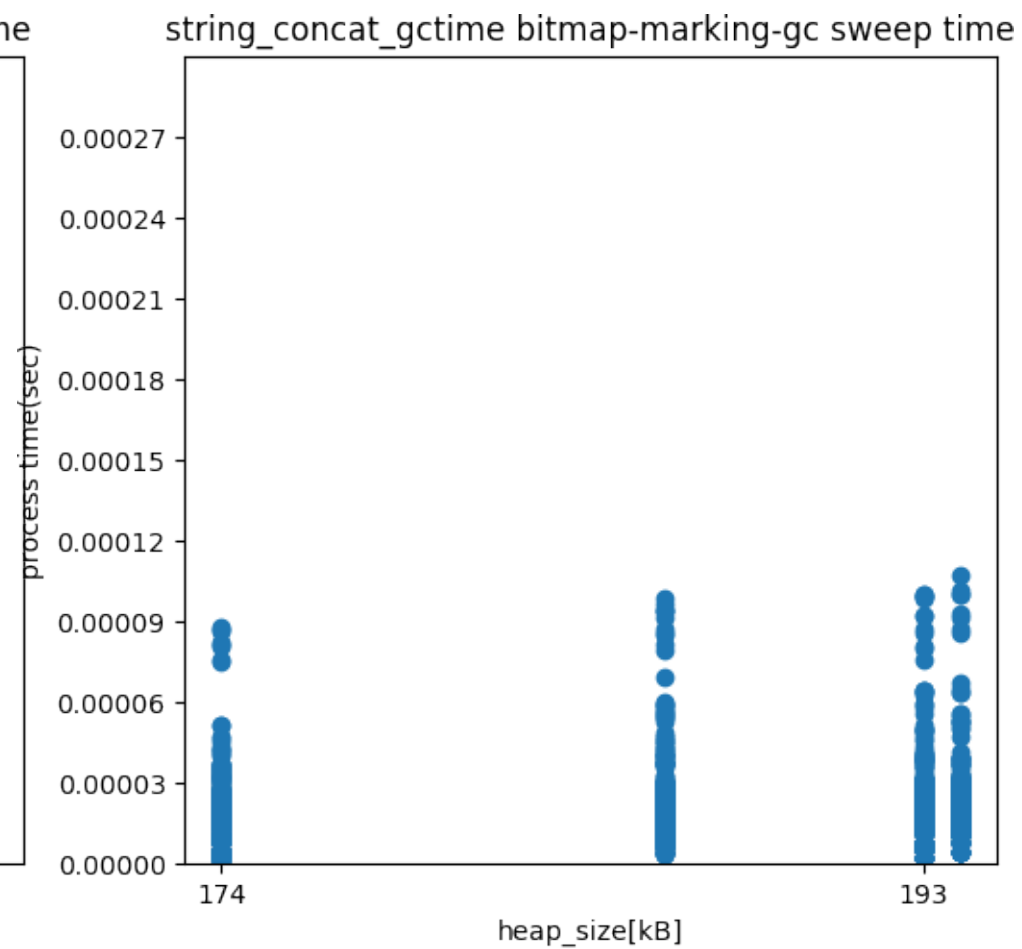
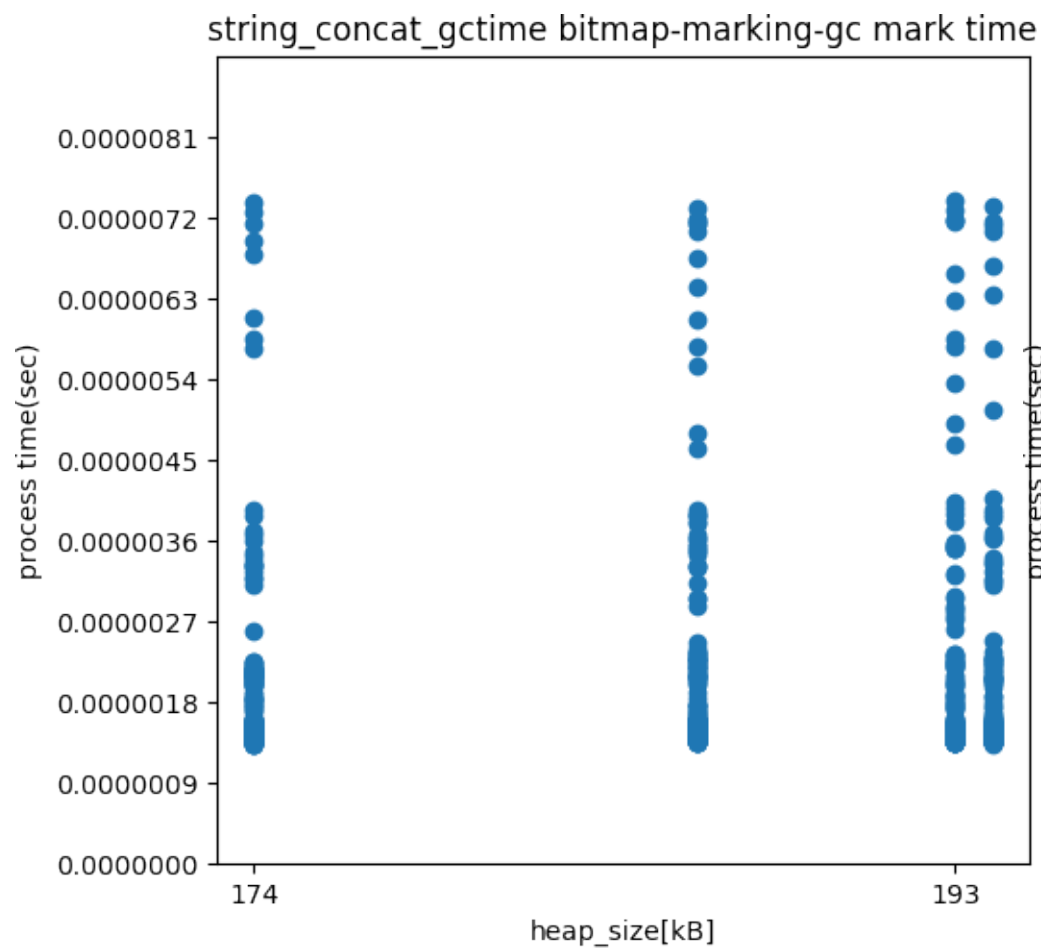


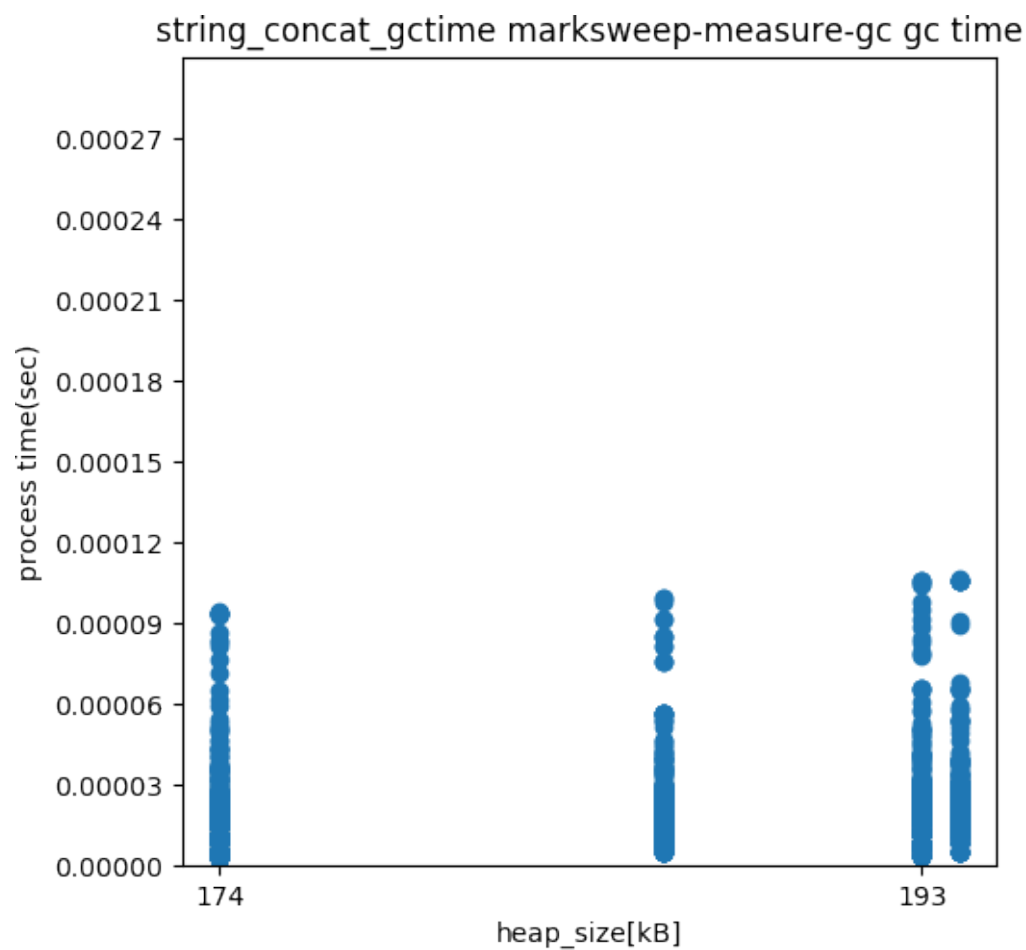
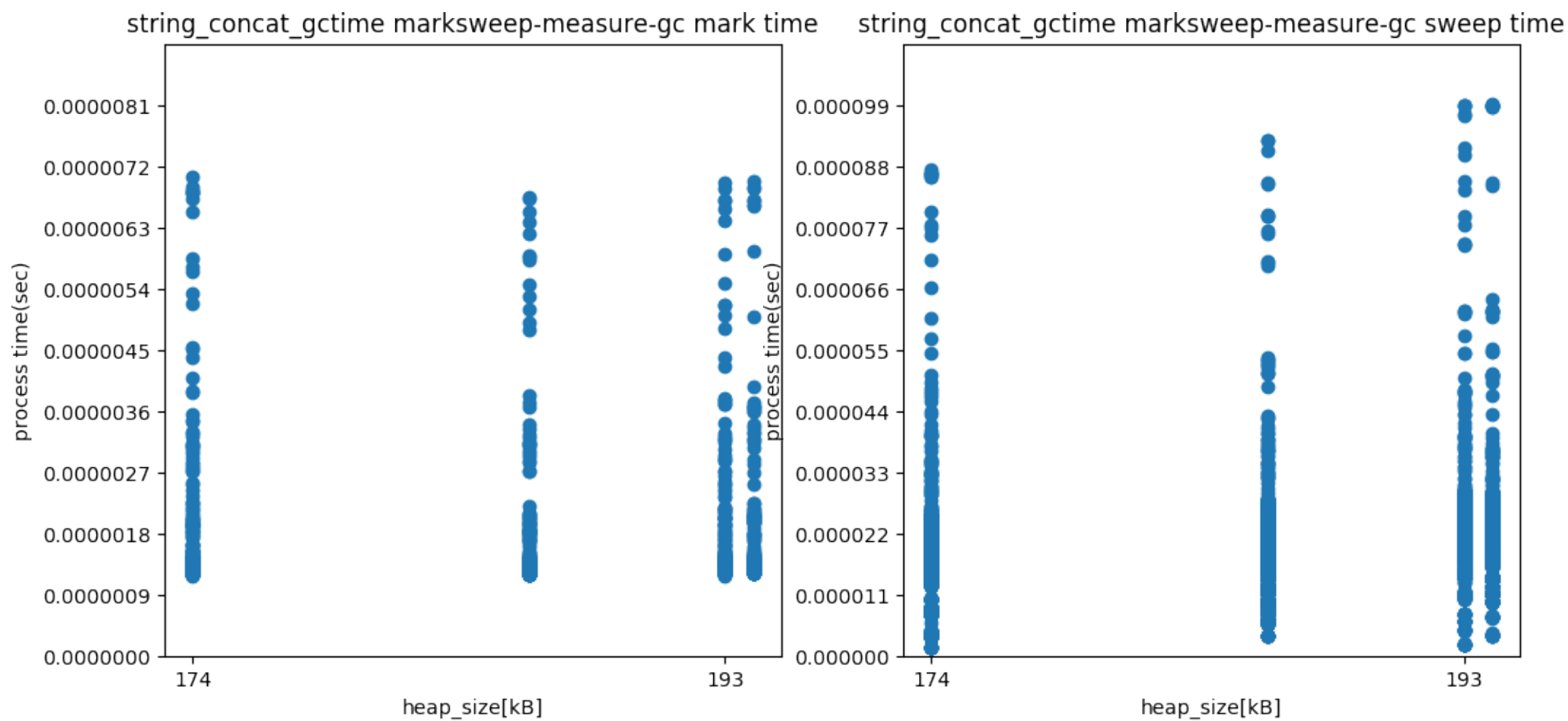
recursive_release_2_gctime refcnt-measure-gc-everytime gc time recursive_release_2_gctimerefcount gc time/func call



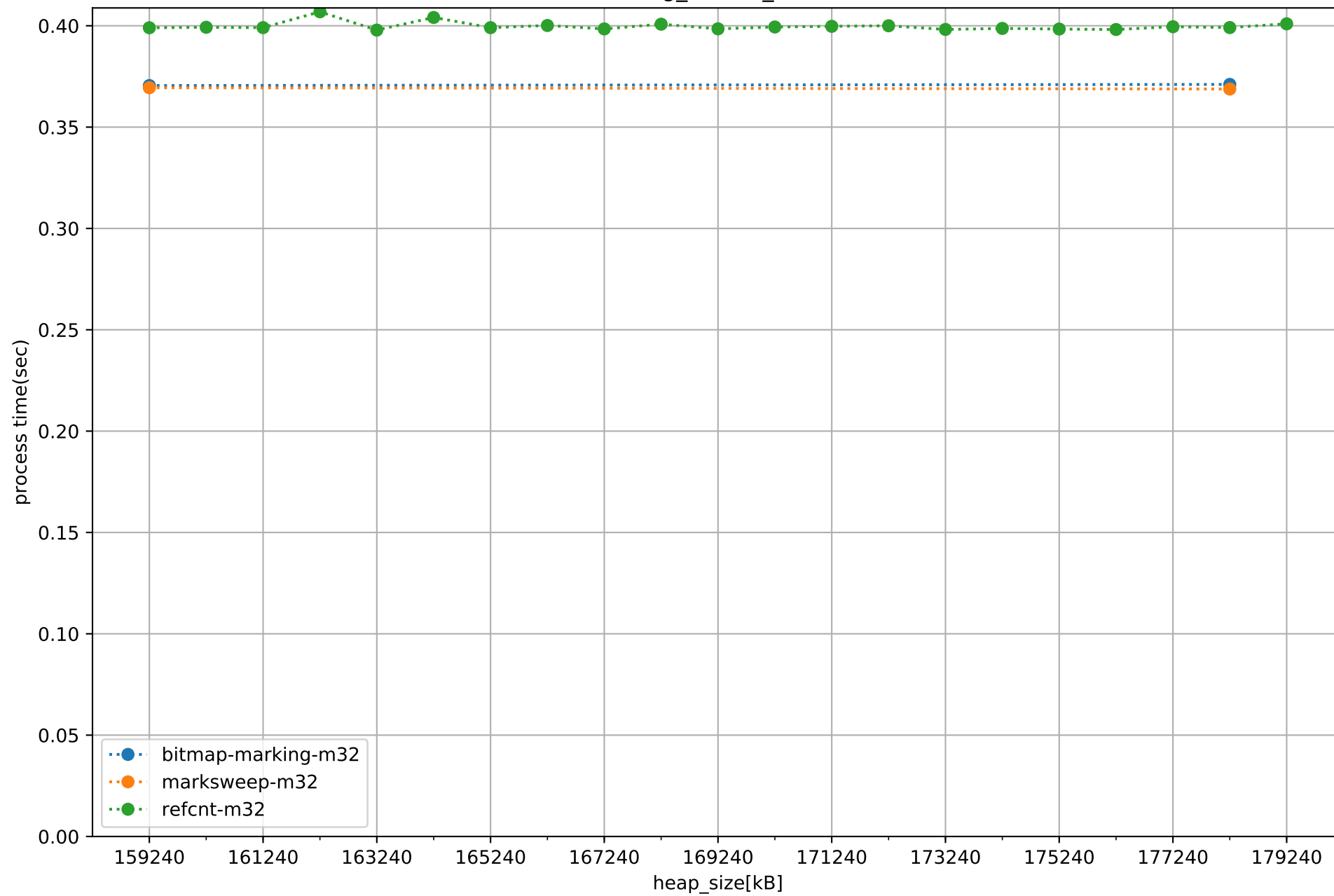
recursive_release_2_gctimerefcount gc time/free



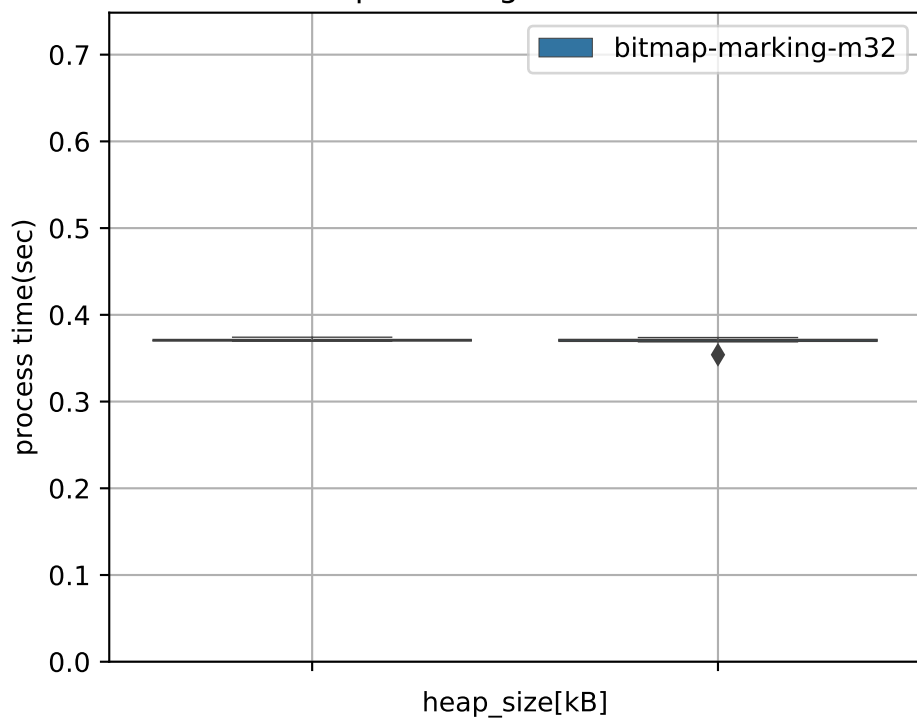




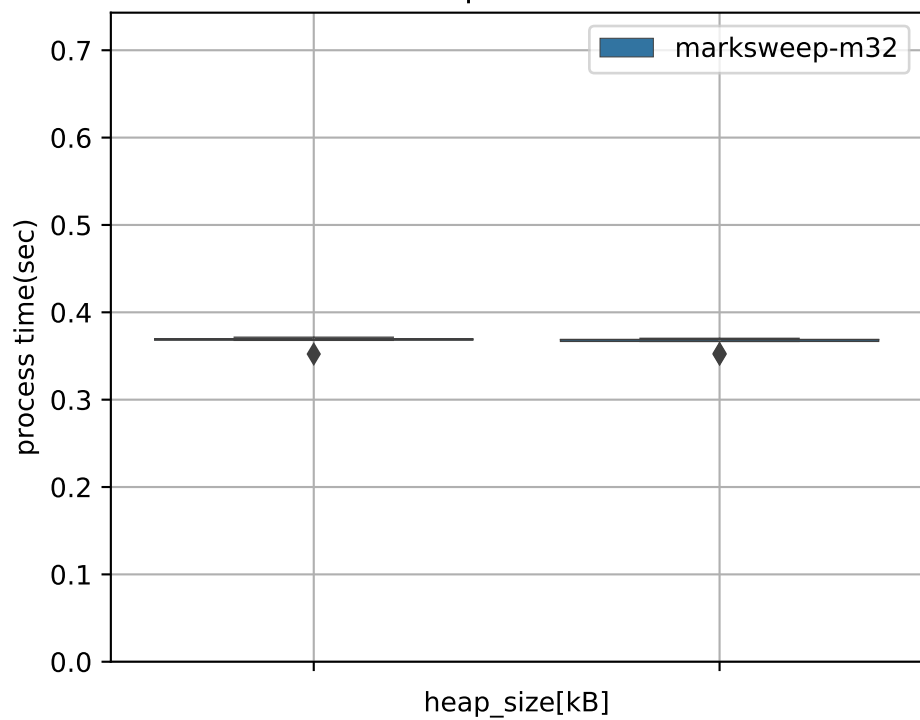
string_concat_m32



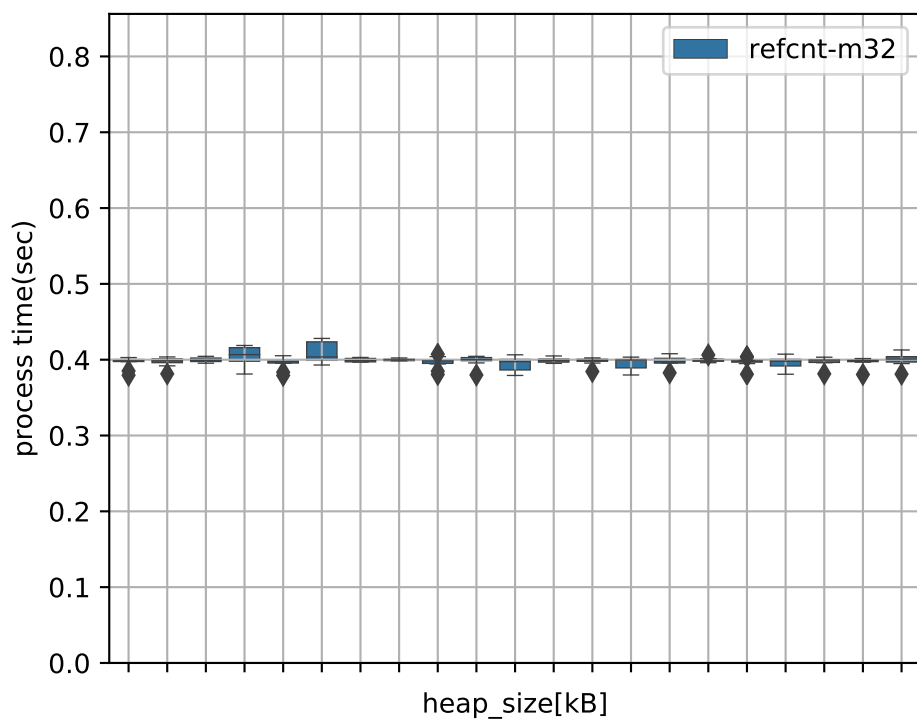
bitmap-marking-m32 total time

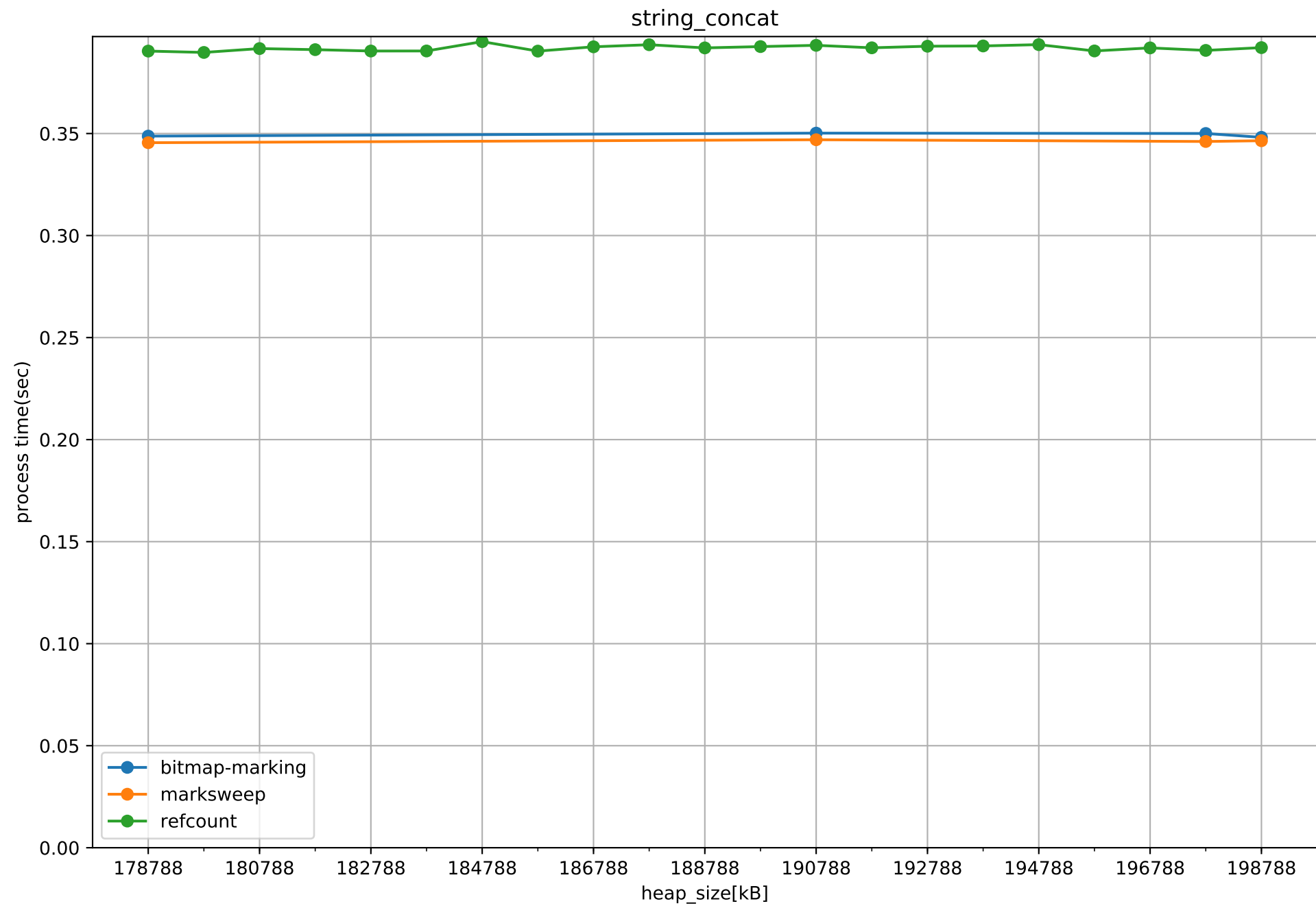


marksweep-m32 total time

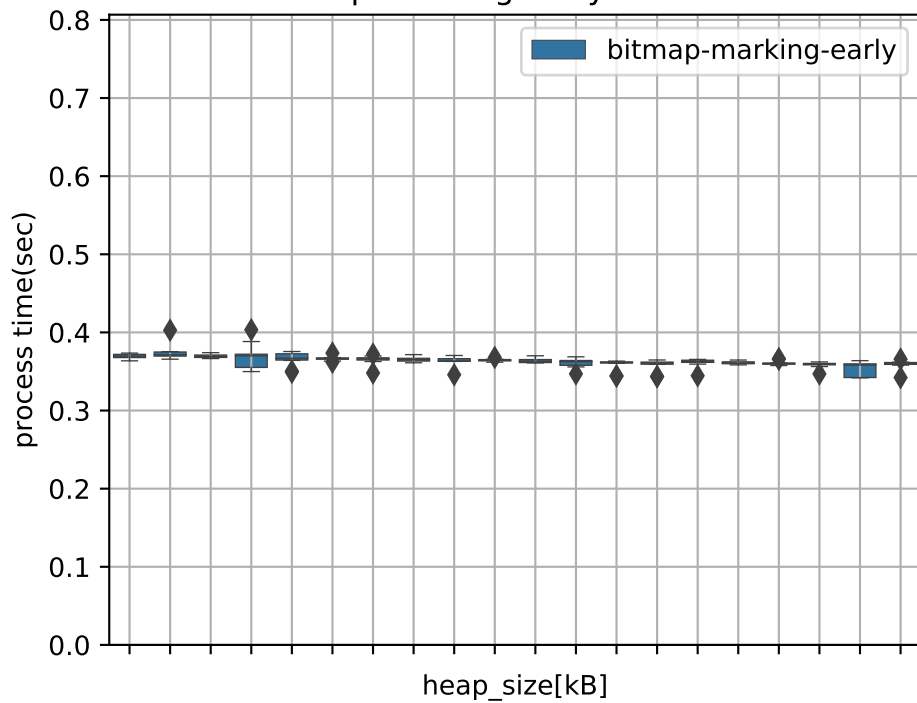


refcnt-m32 total time

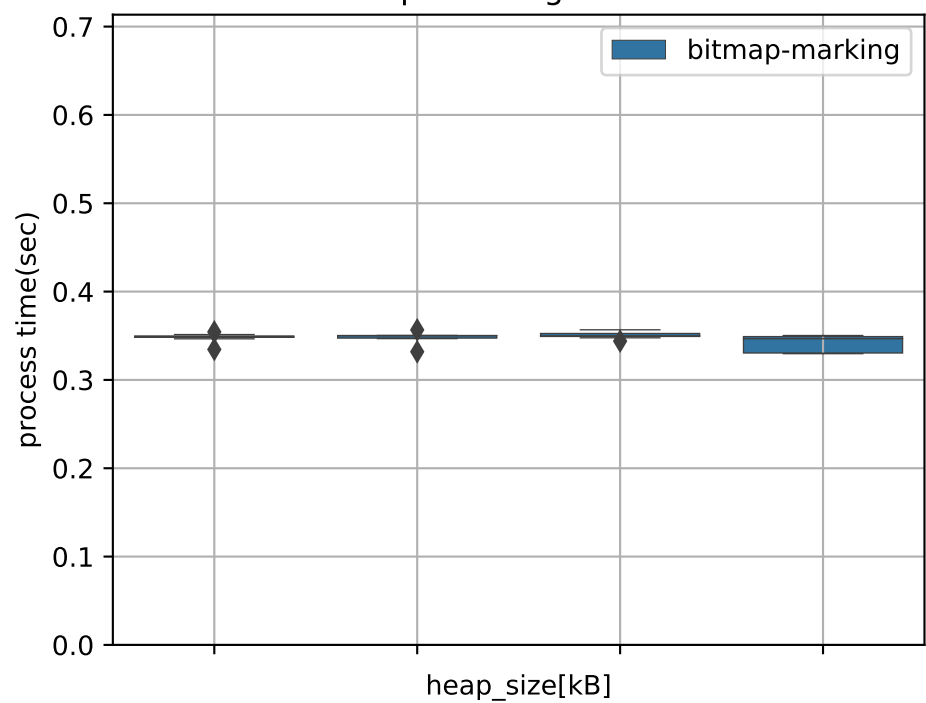




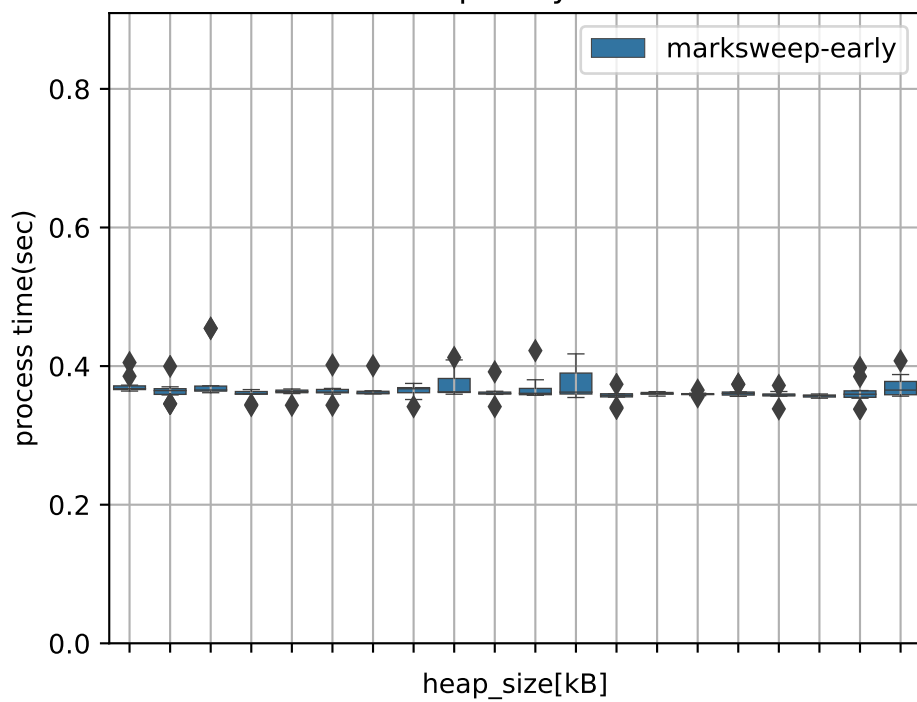
bitmap-marking-early total time



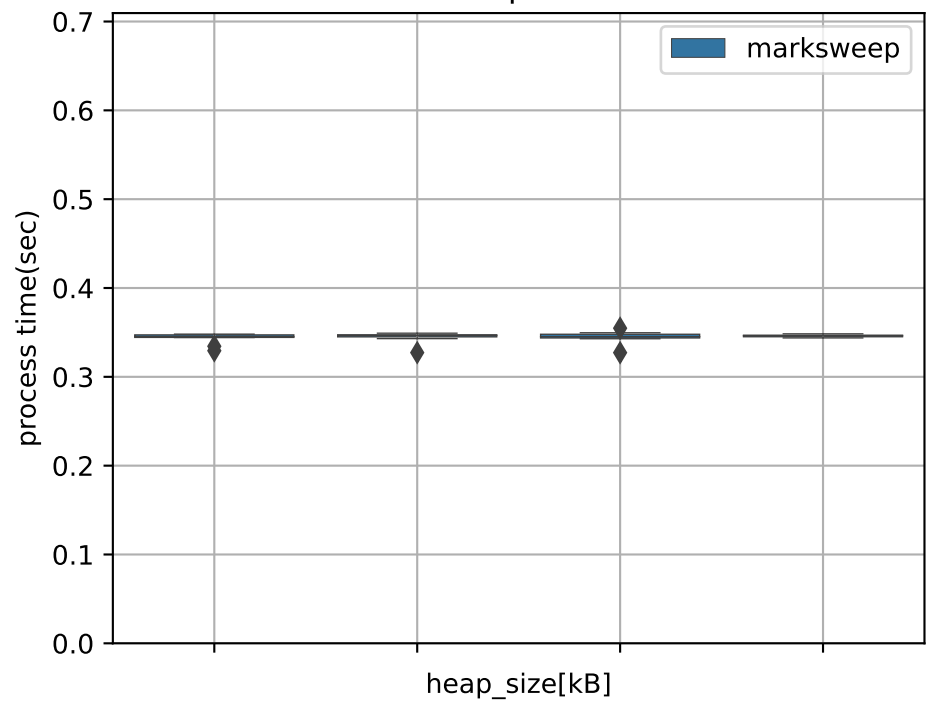
bitmap-marking total time



marksweep-early total time



marksweep total time



refcount total time

