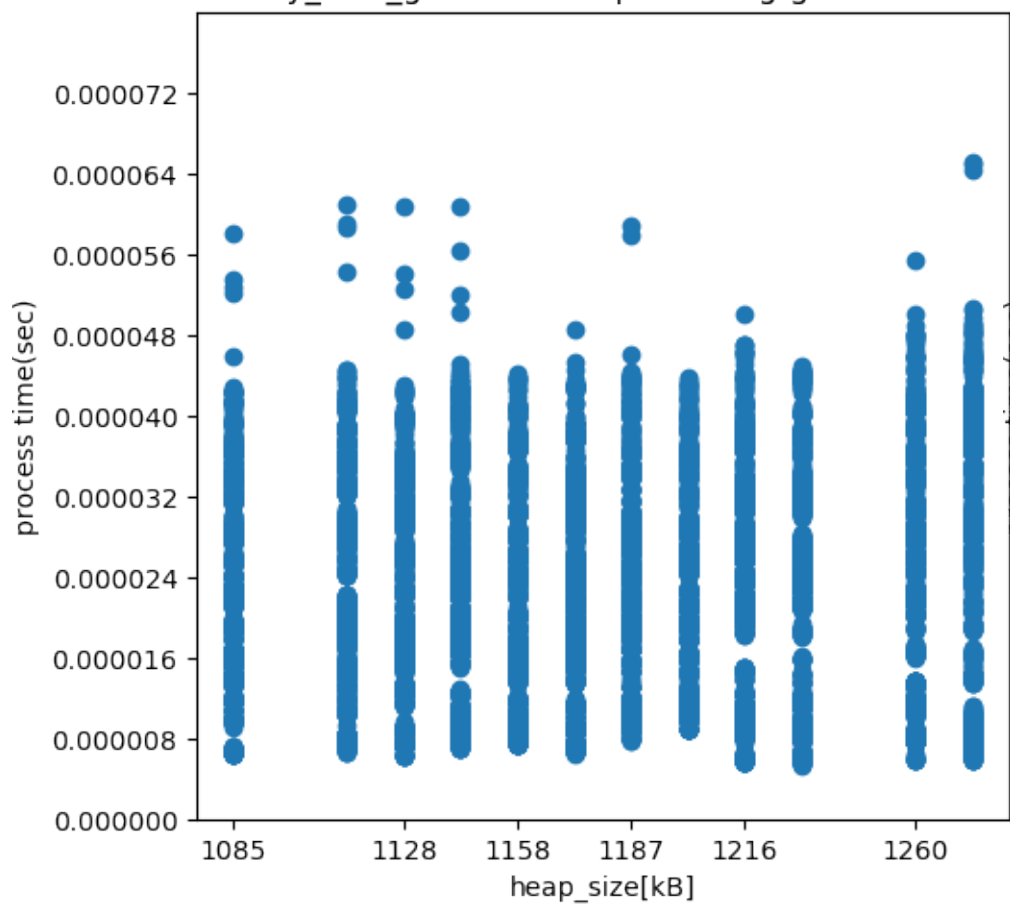
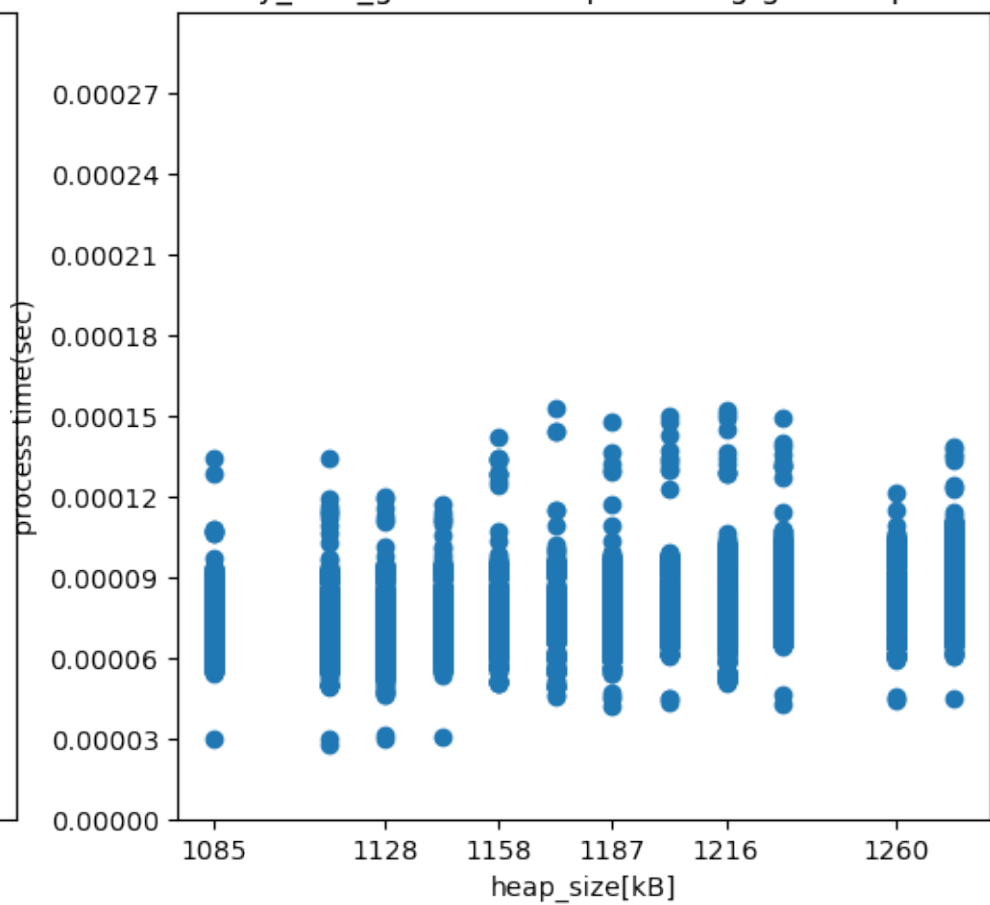


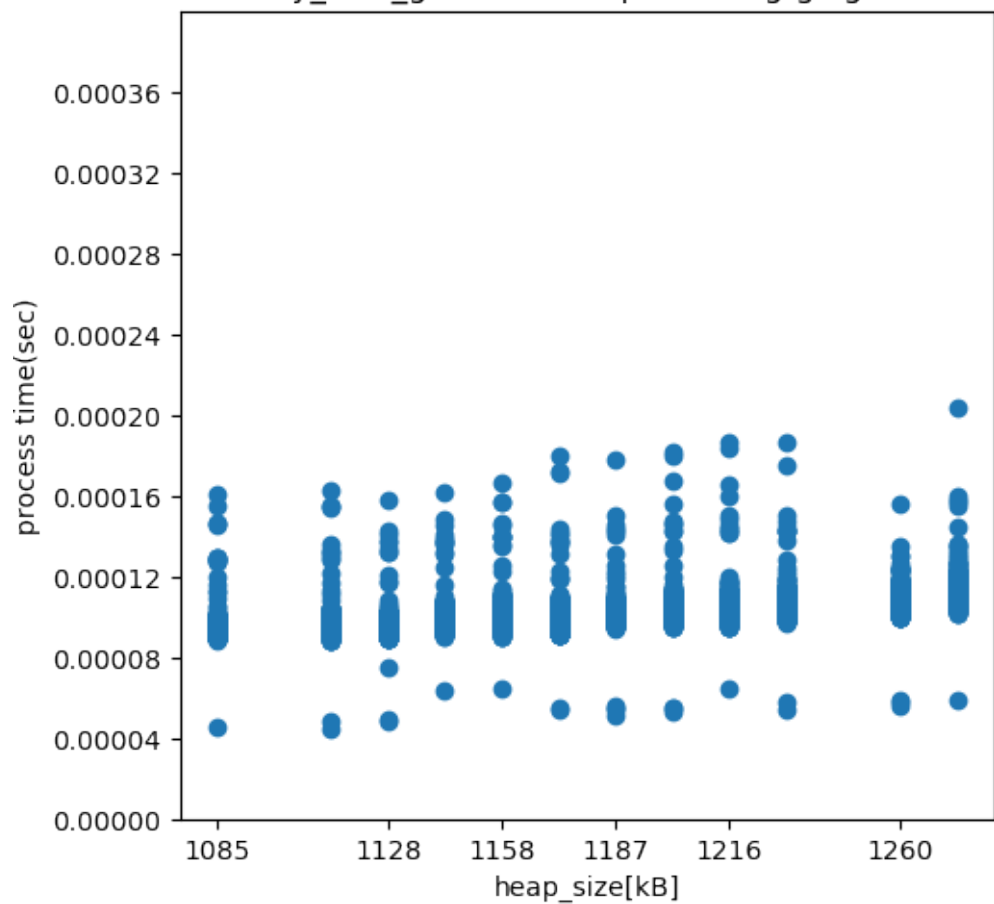
binary_tree_gctime bitmap-marking-gc mark time



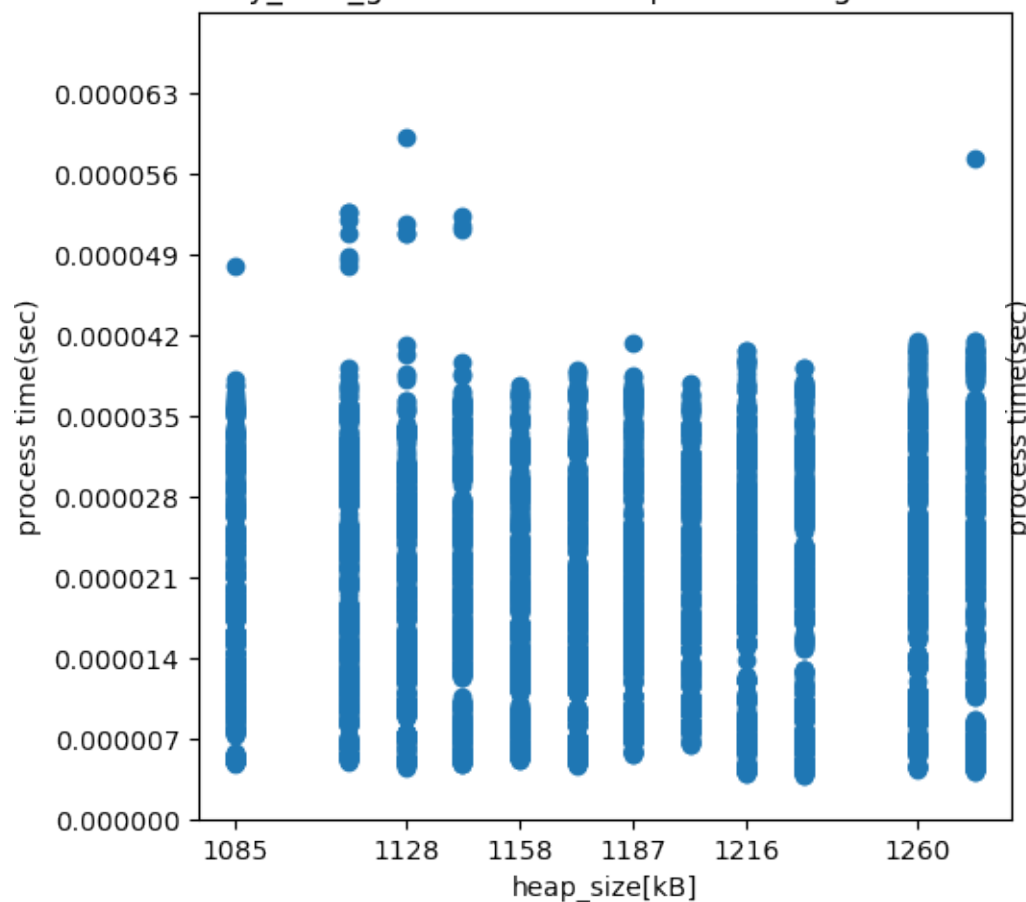
binary_tree_gctime bitmap-marking-gc sweep time



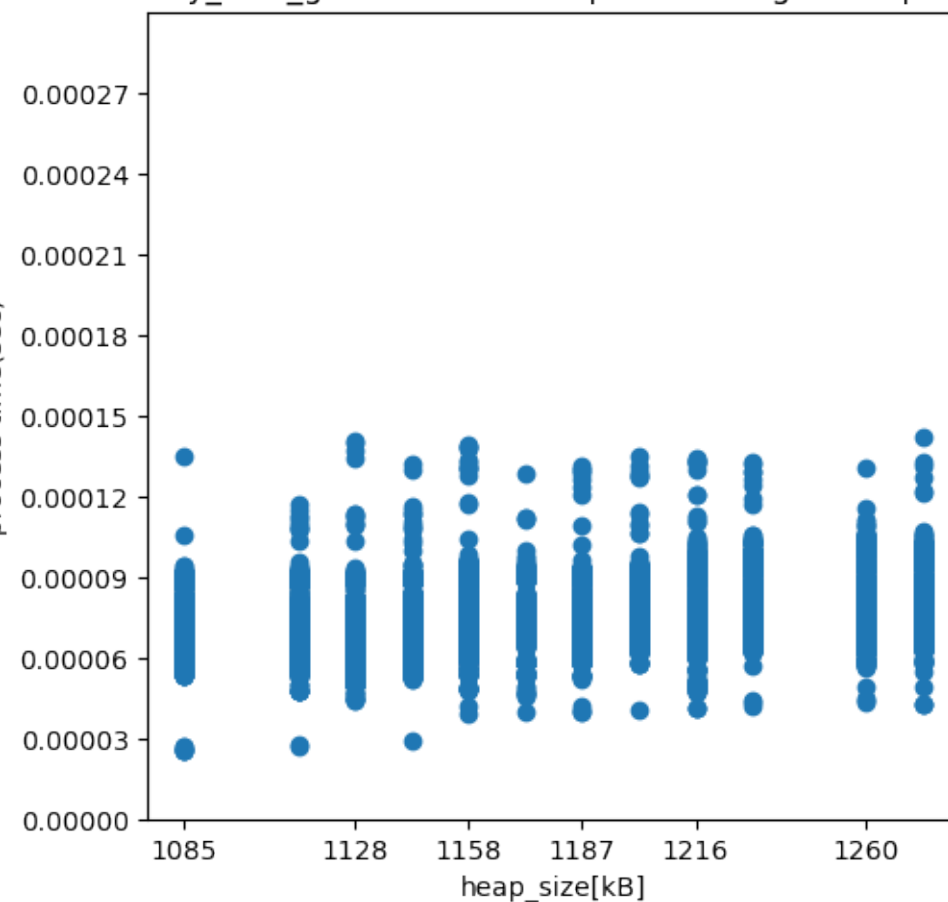
binary_tree_gctime bitmap-marking-gc gc time



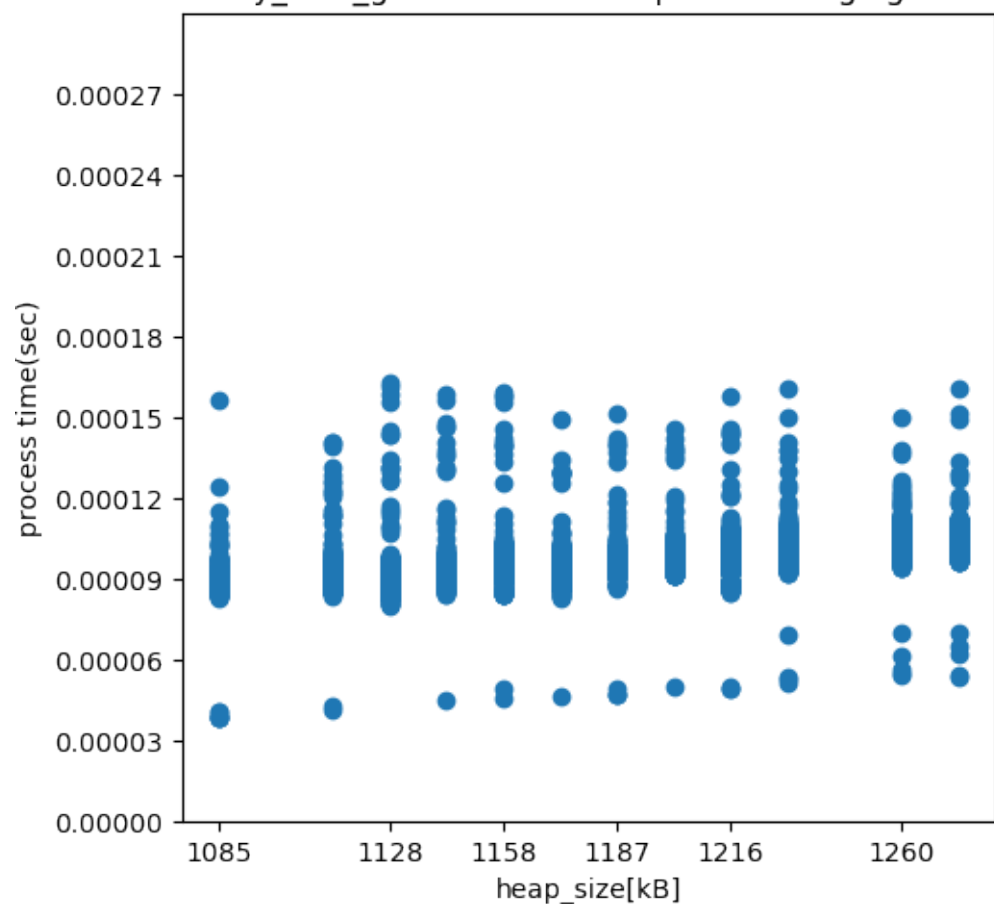
binary_tree_gctime markswep-measure-gc mark time

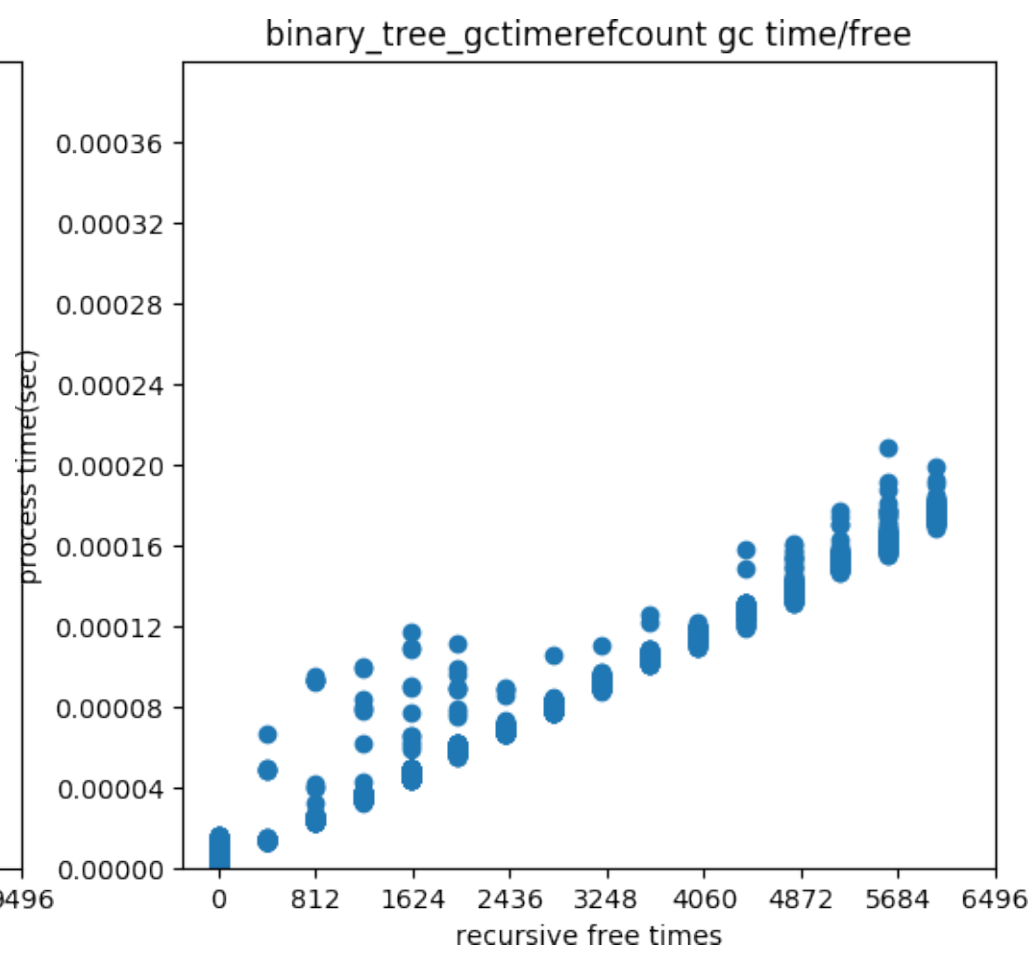
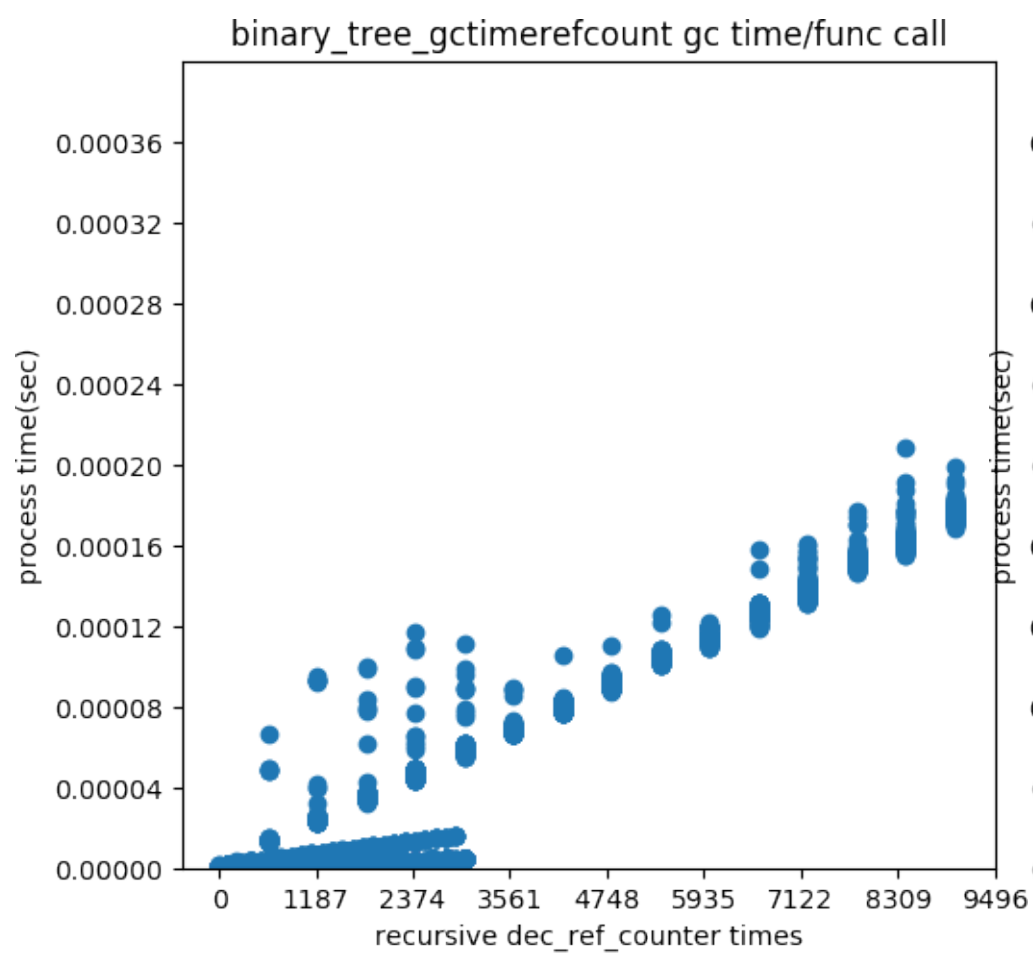


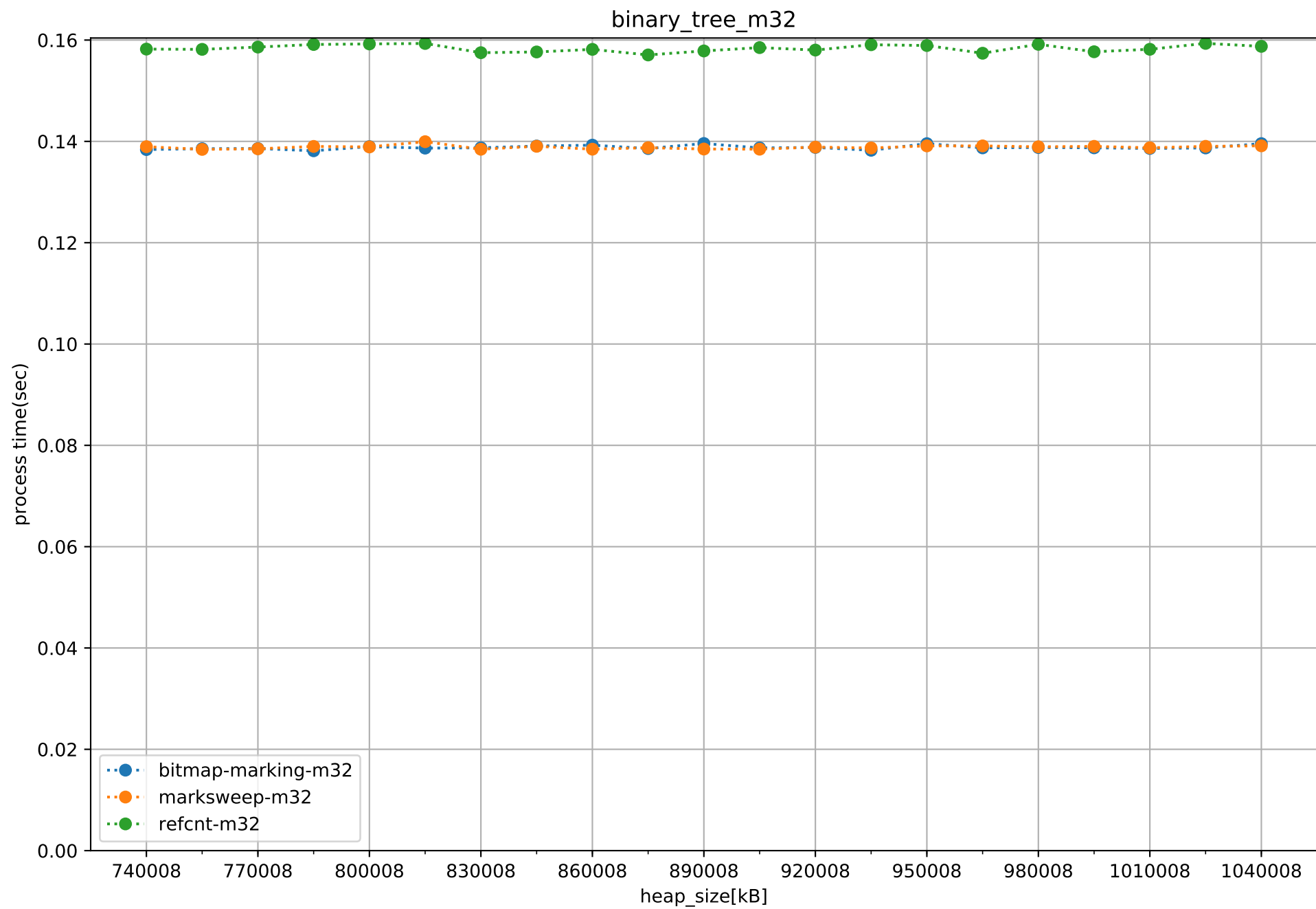
binary_tree_gctime markswep-measure-gc sweep time



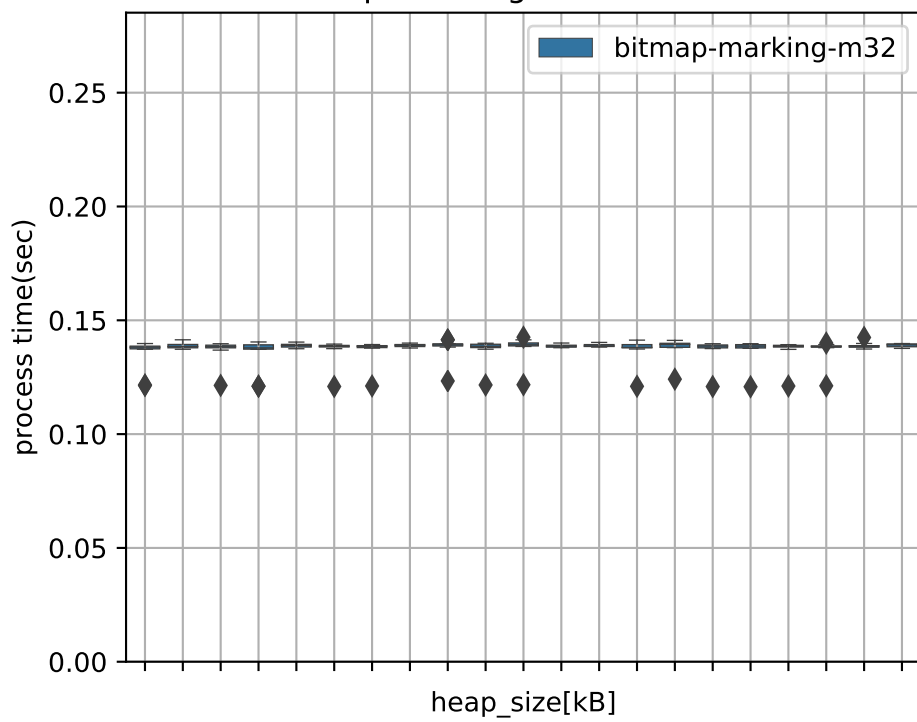
binary_tree_gctime markswep-measure-gc gc time



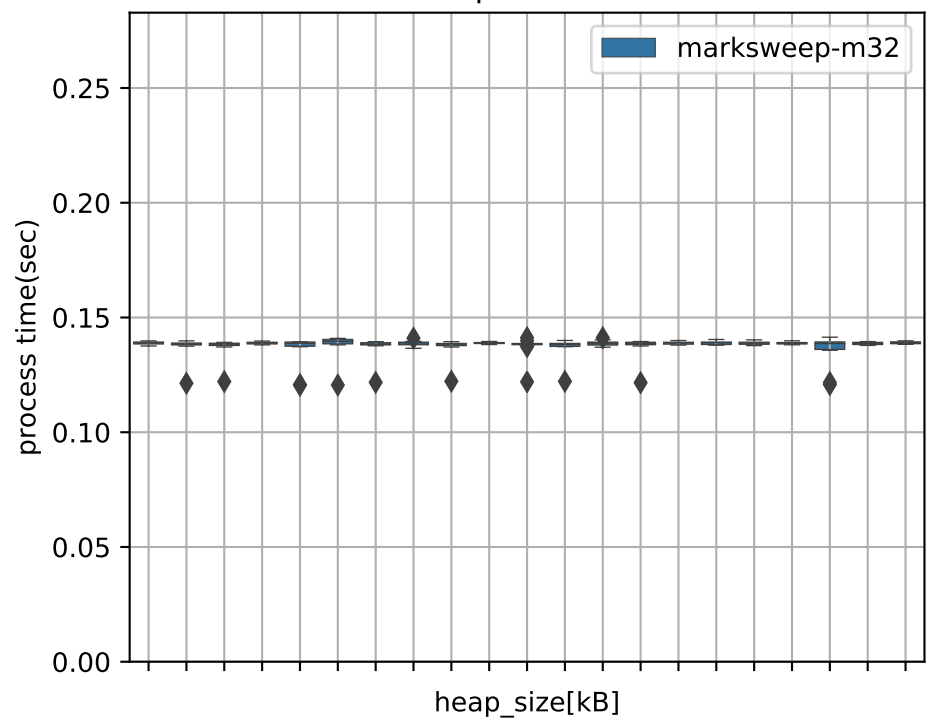




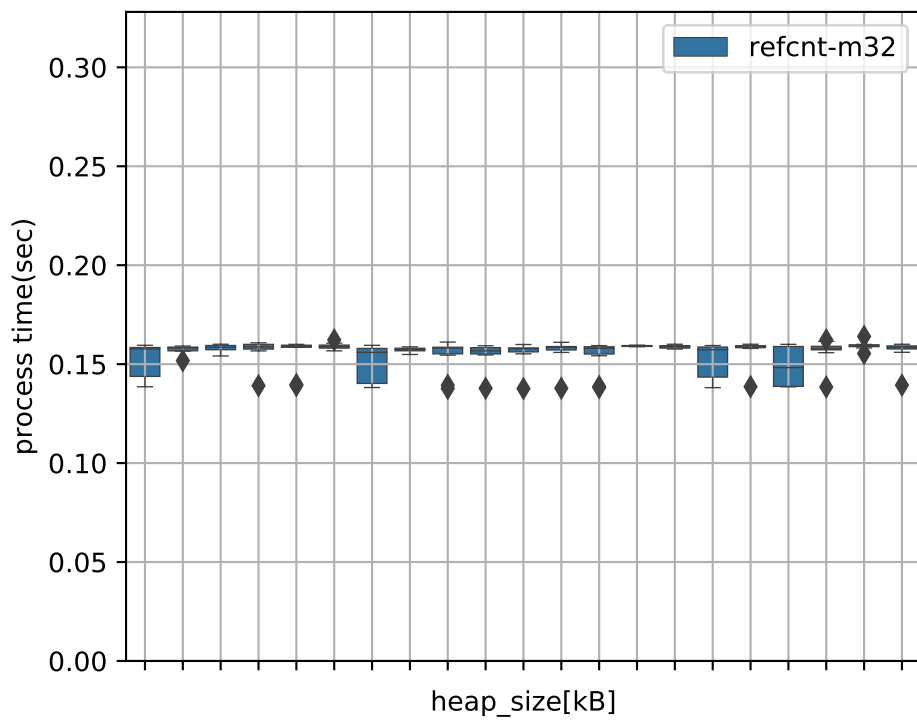
bitmap-marking-m32 total time

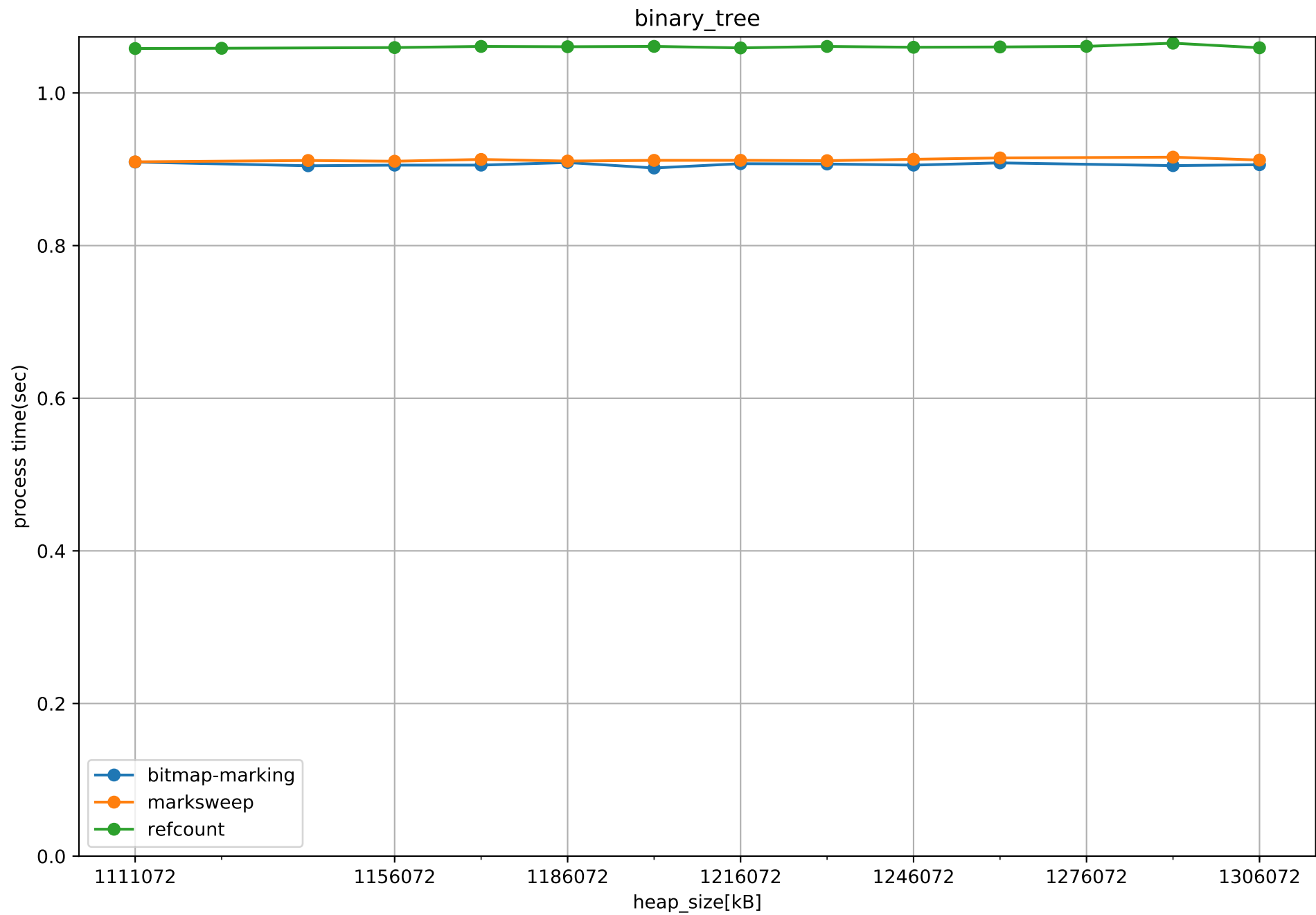


marksweep-m32 total time

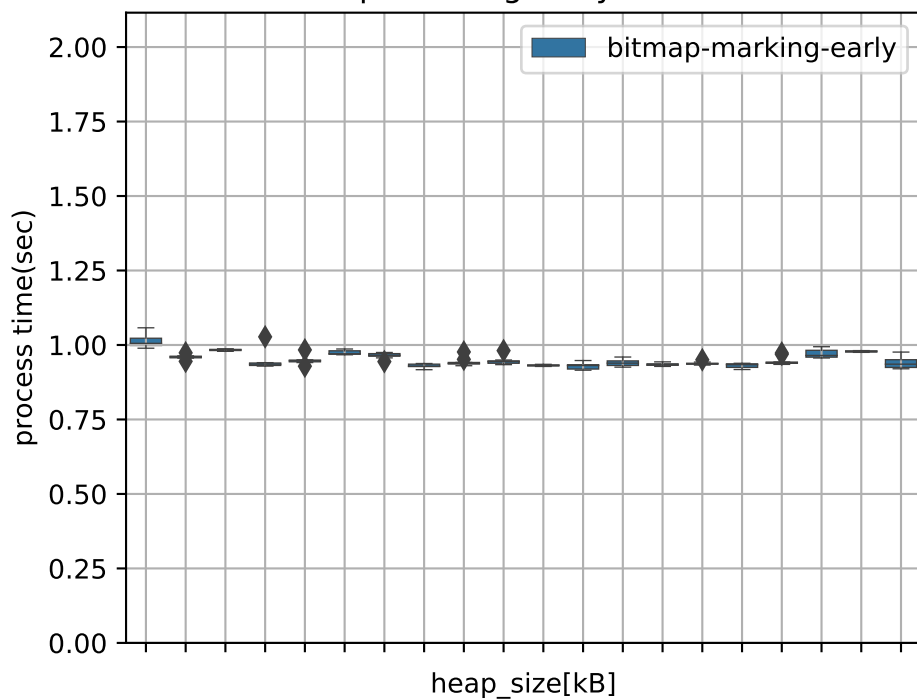


refcnt-m32 total time

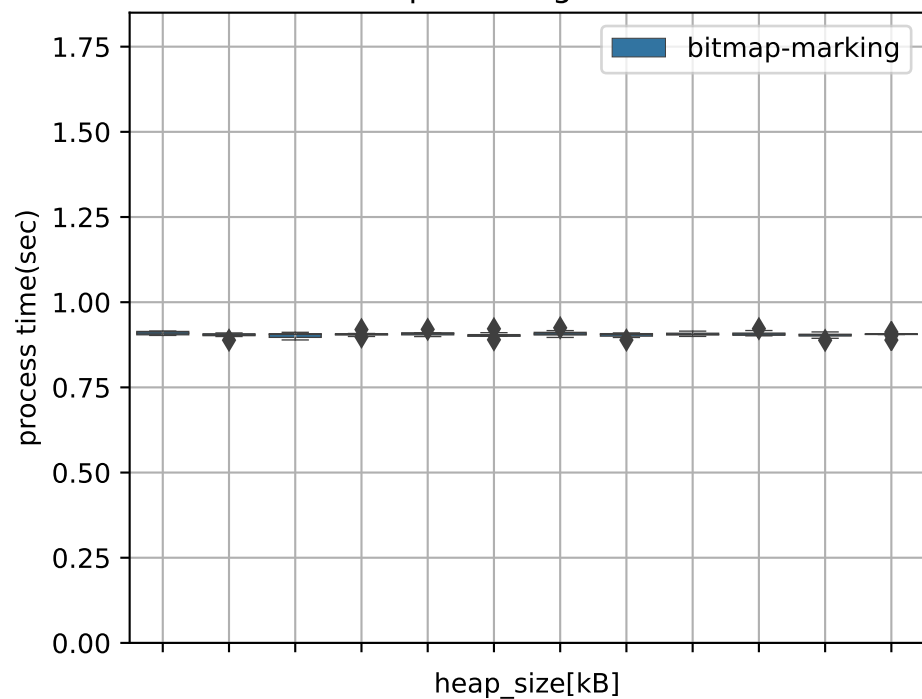




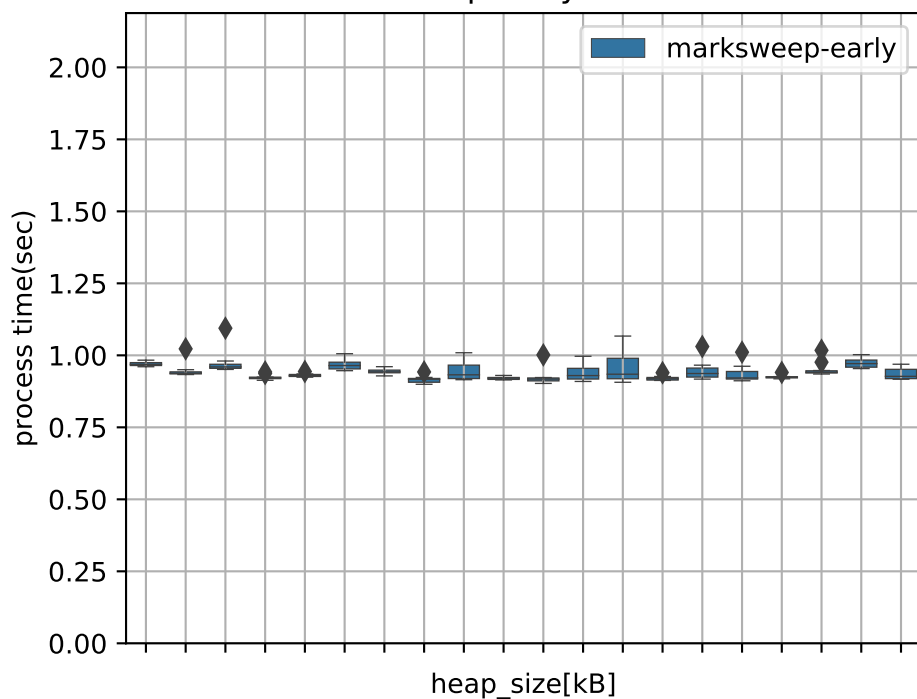
bitmap-marking-early total time



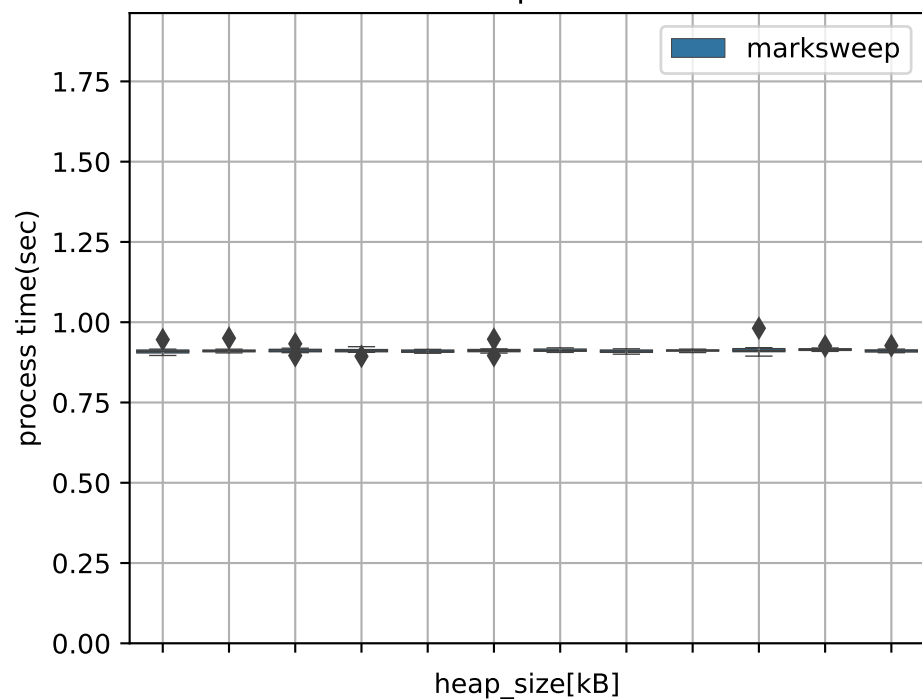
bitmap-marking total time



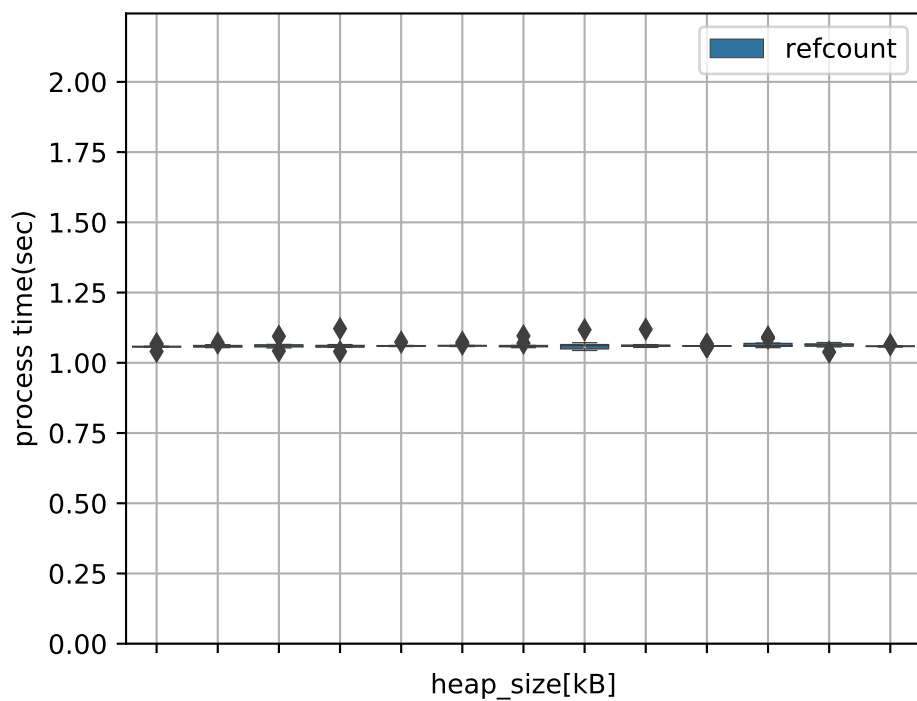
marksweep-early total time

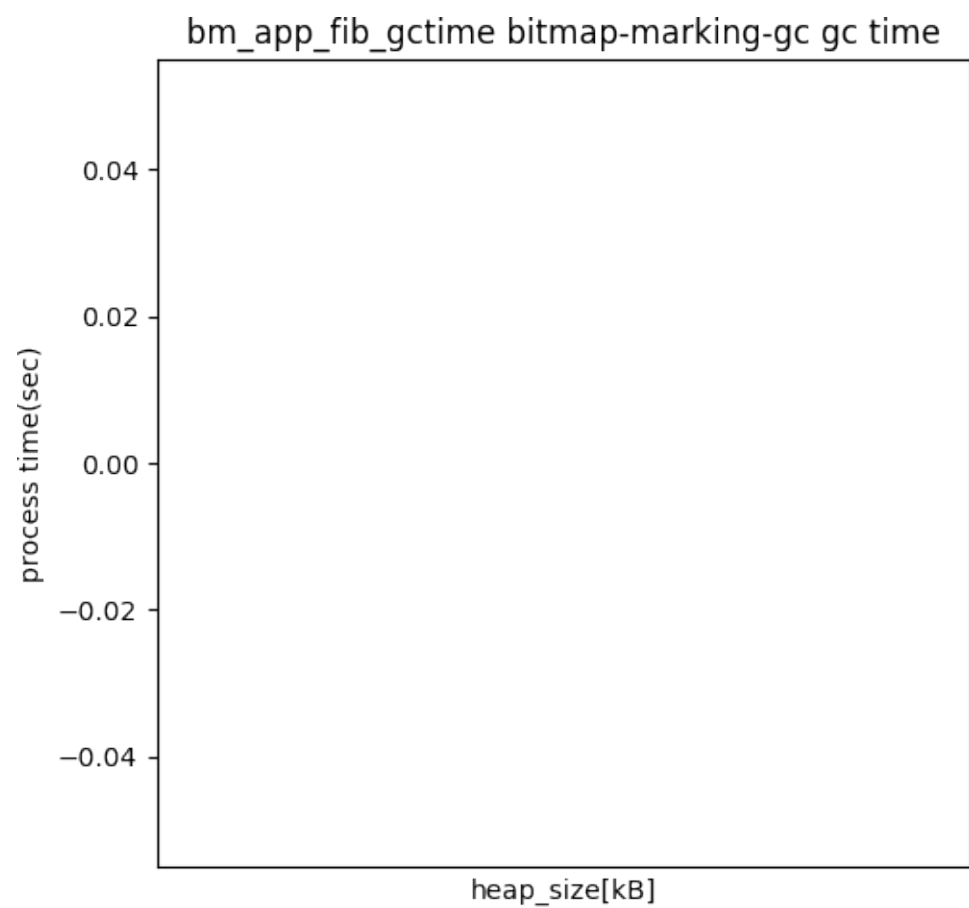
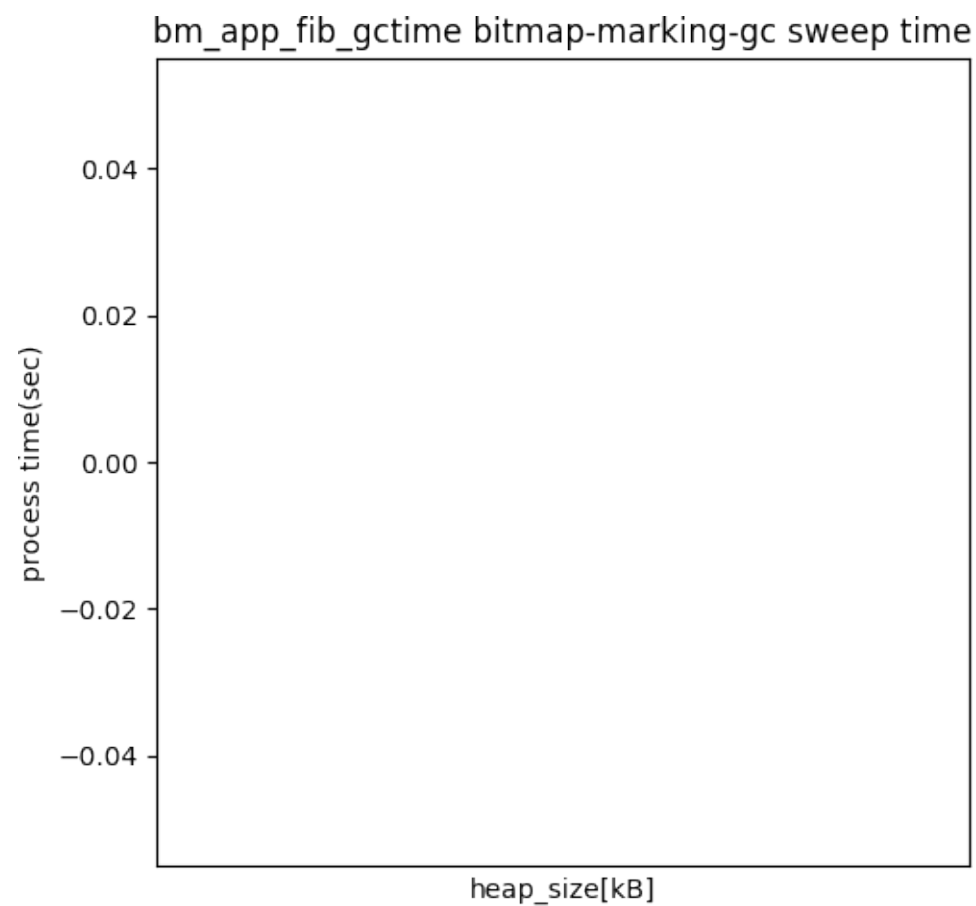
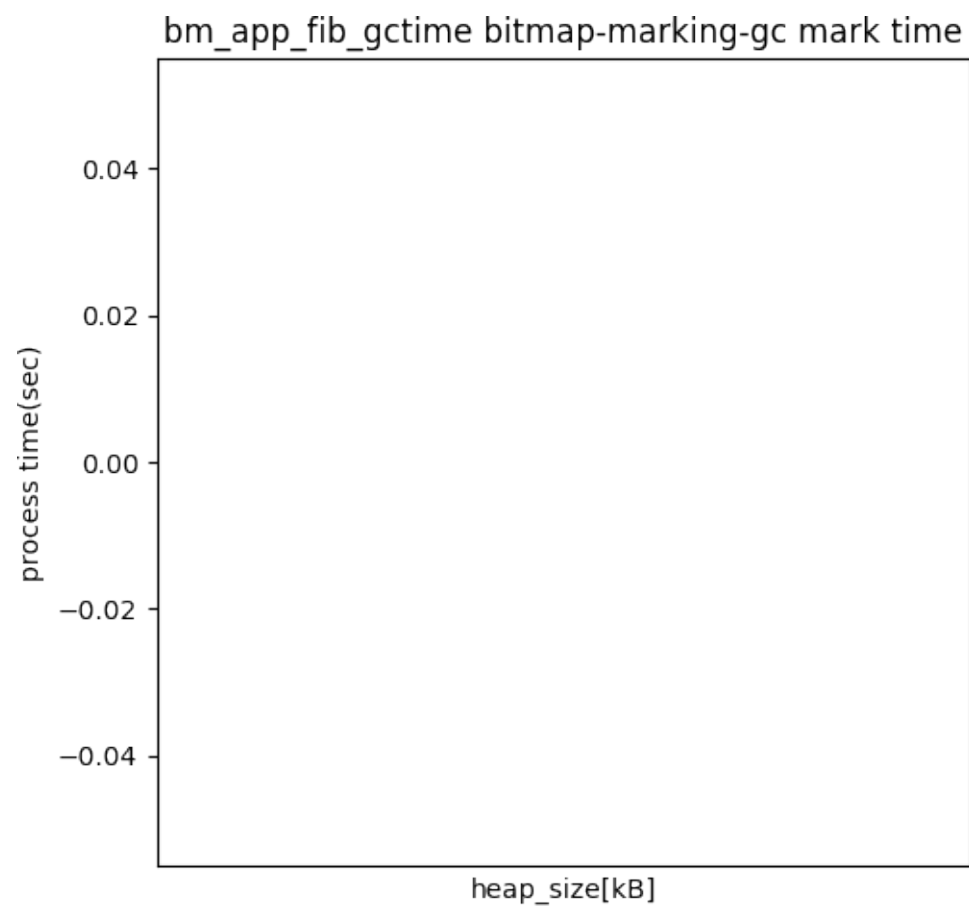


marksweep total time

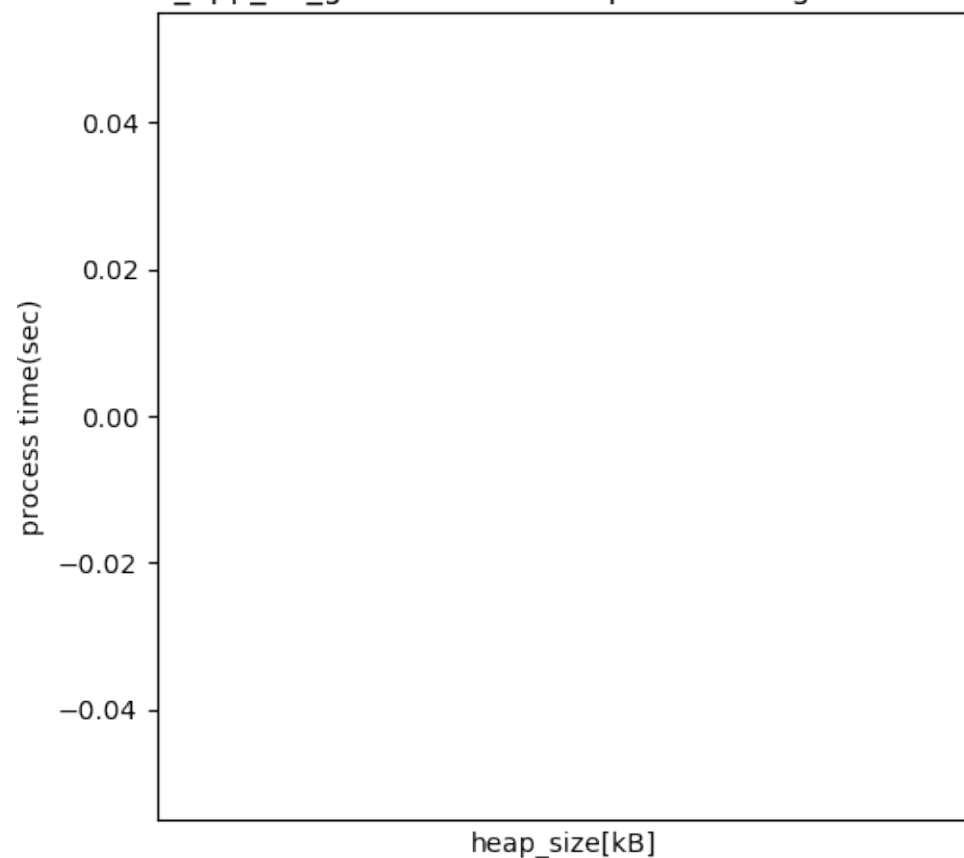


refcount total time

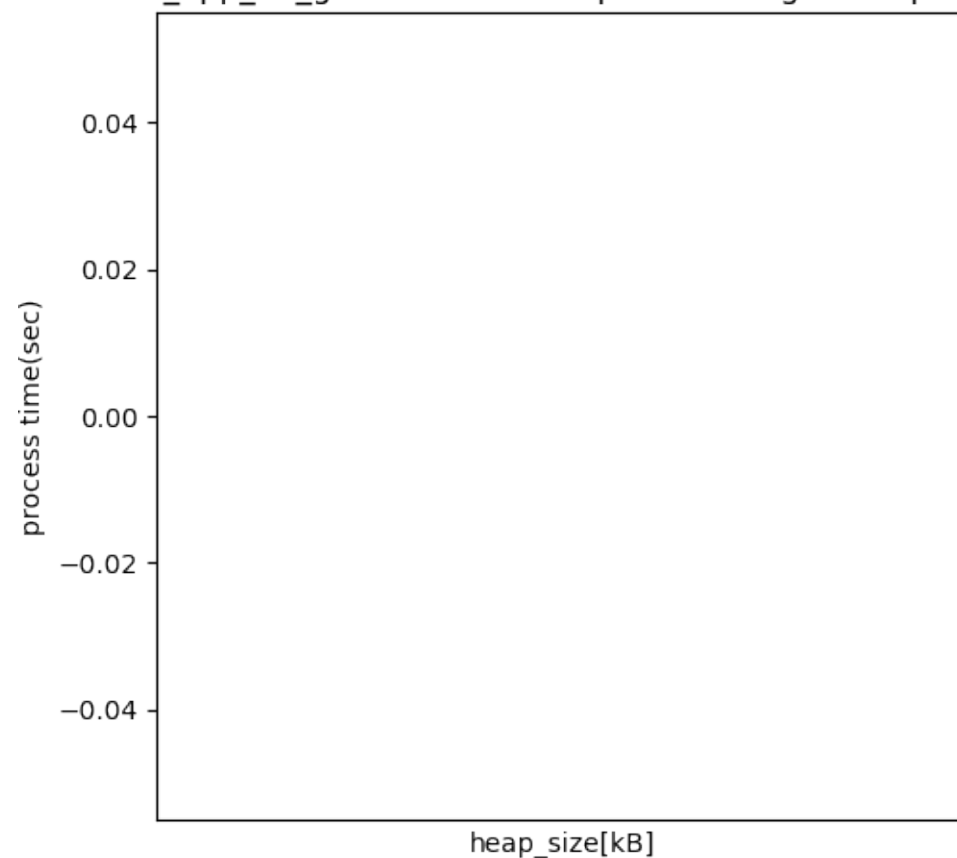




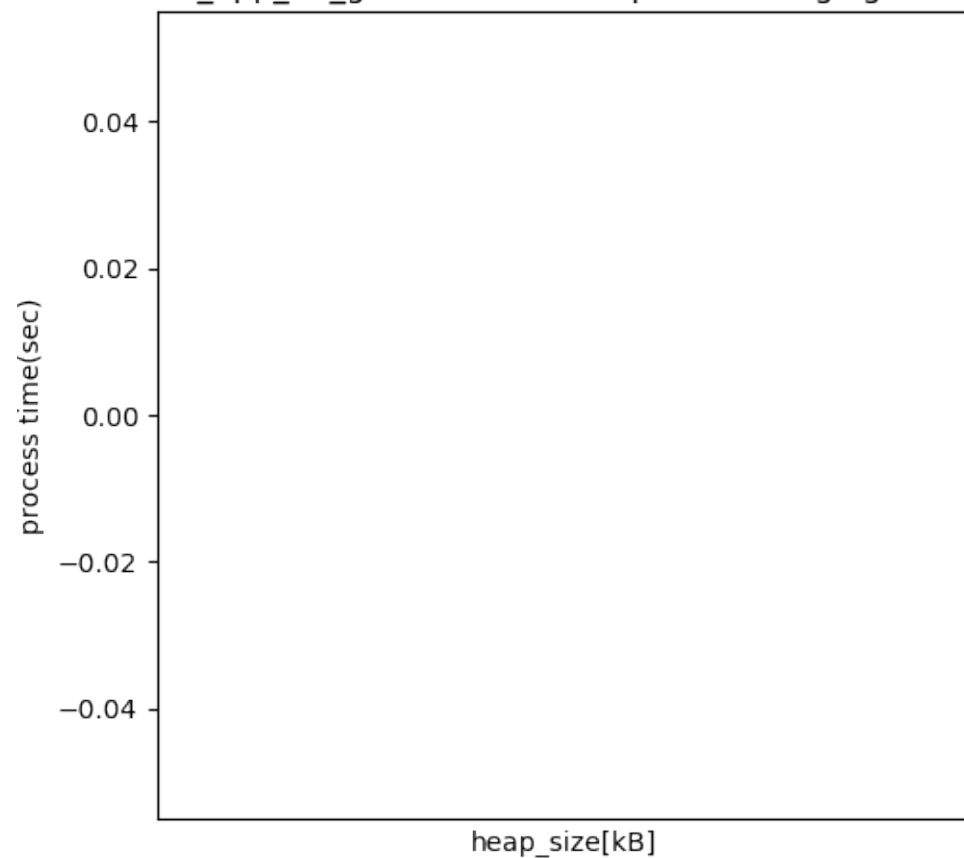
bm_app_fib_gctime markswEEP-measure-gc mark time

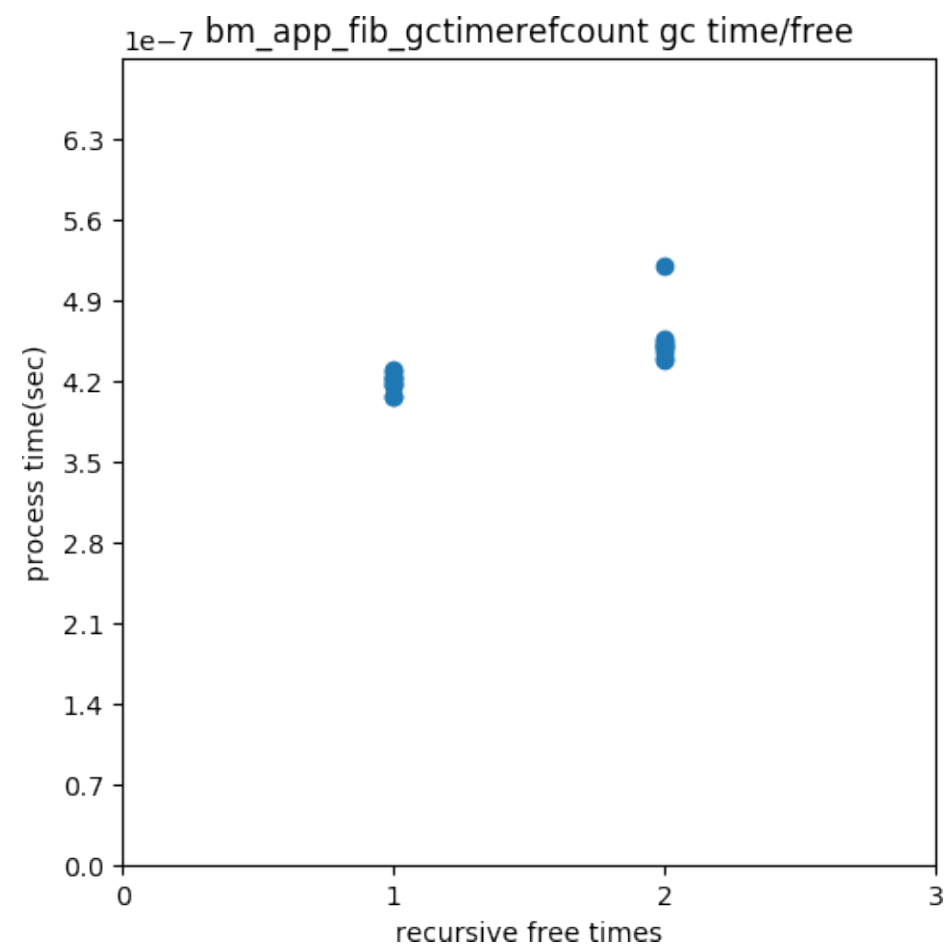
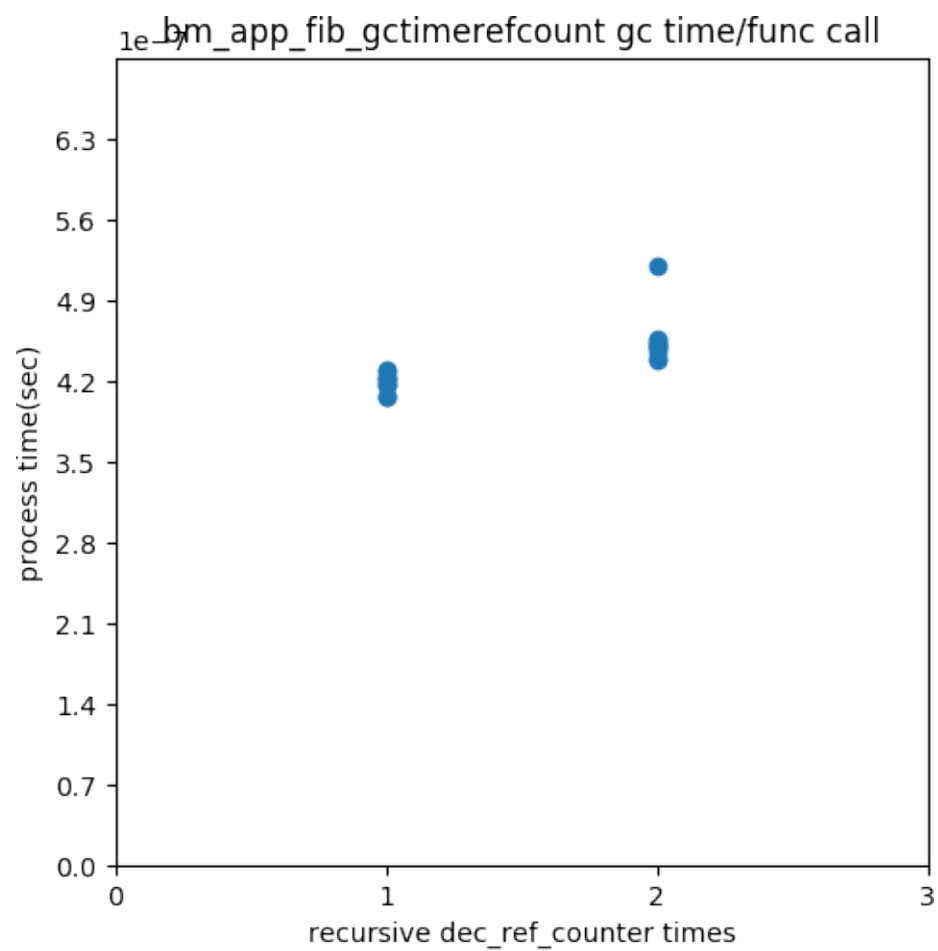


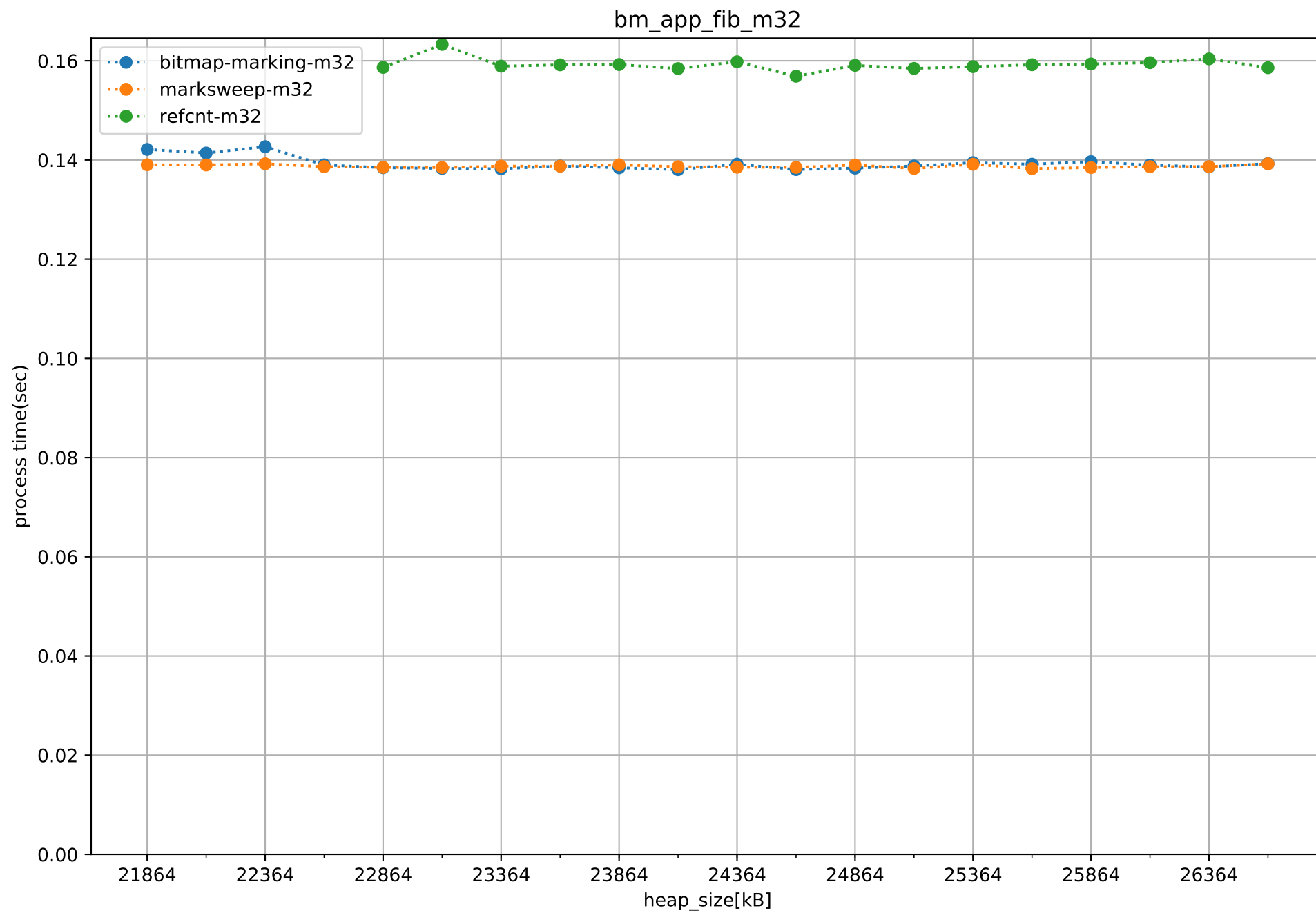
bm_app_fib_gctime markswEEP-measure-gc sweep time



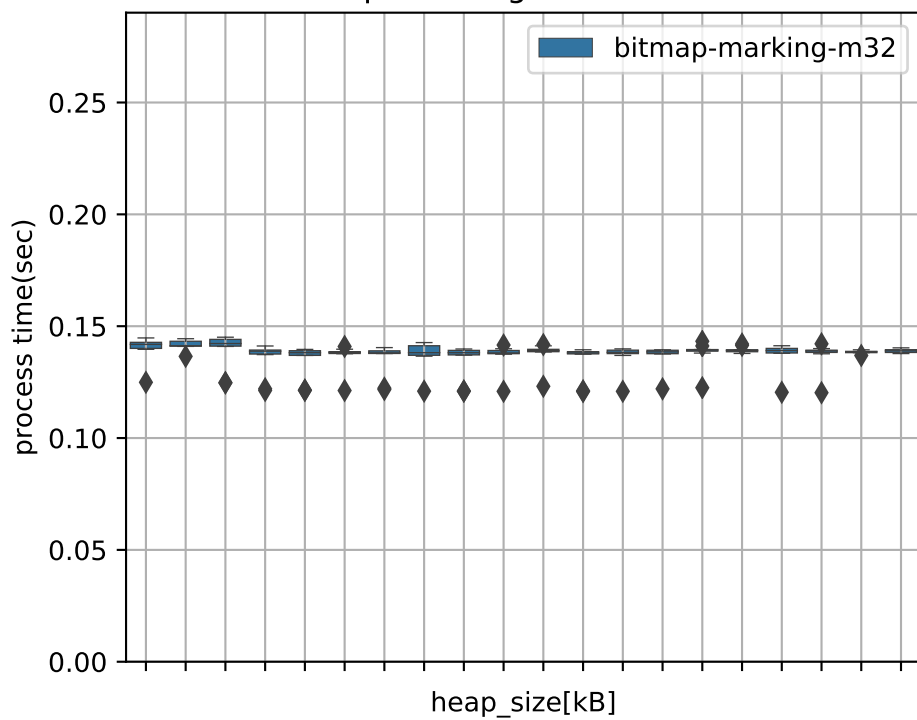
bm_app_fib_gctime markswEEP-measure-gc gc time



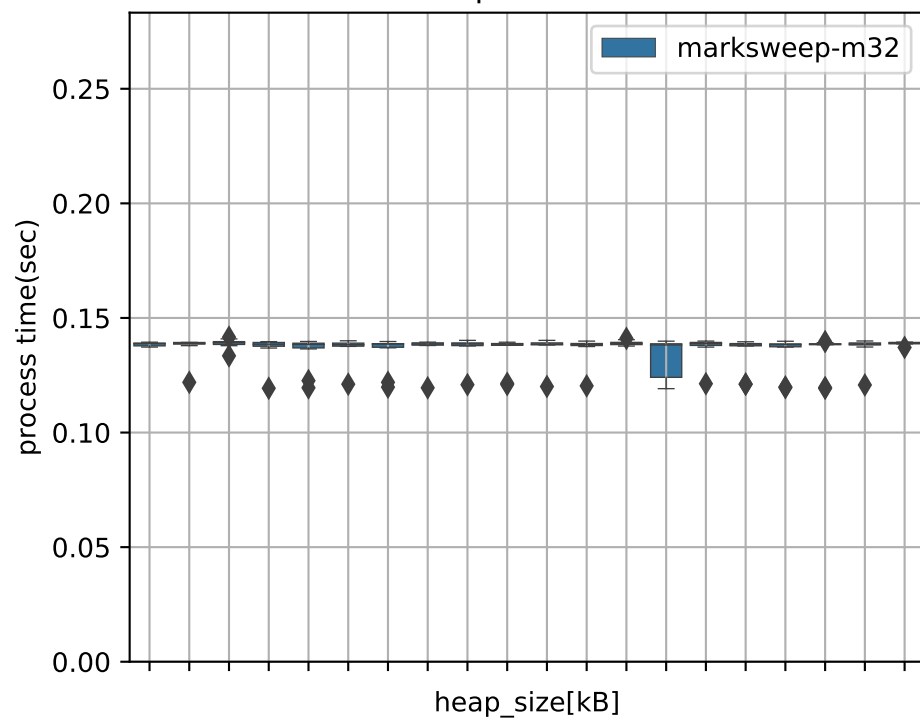




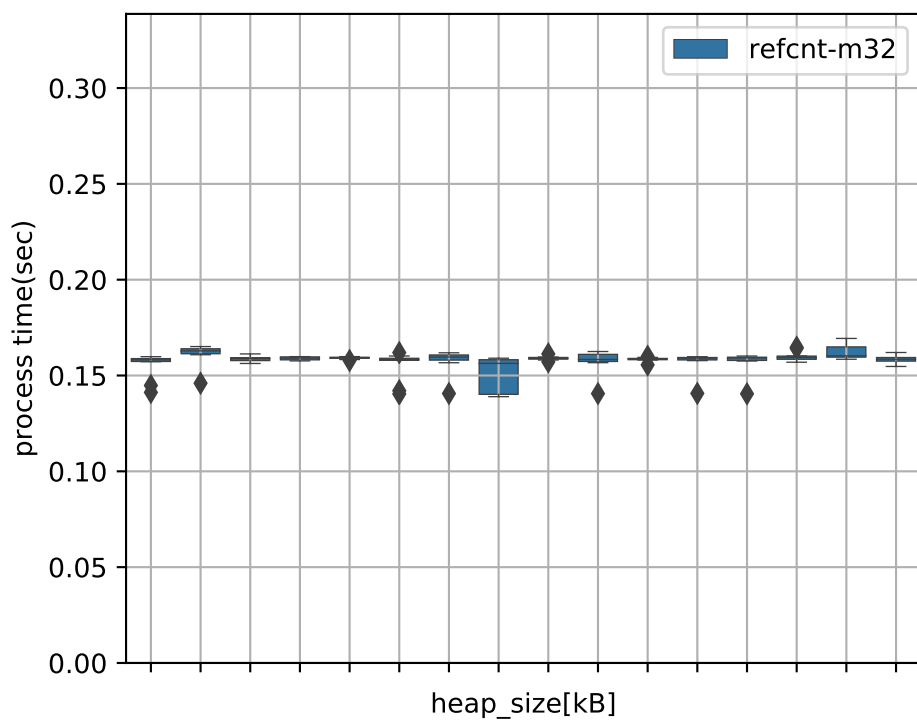
bitmap-marking-m32 total time

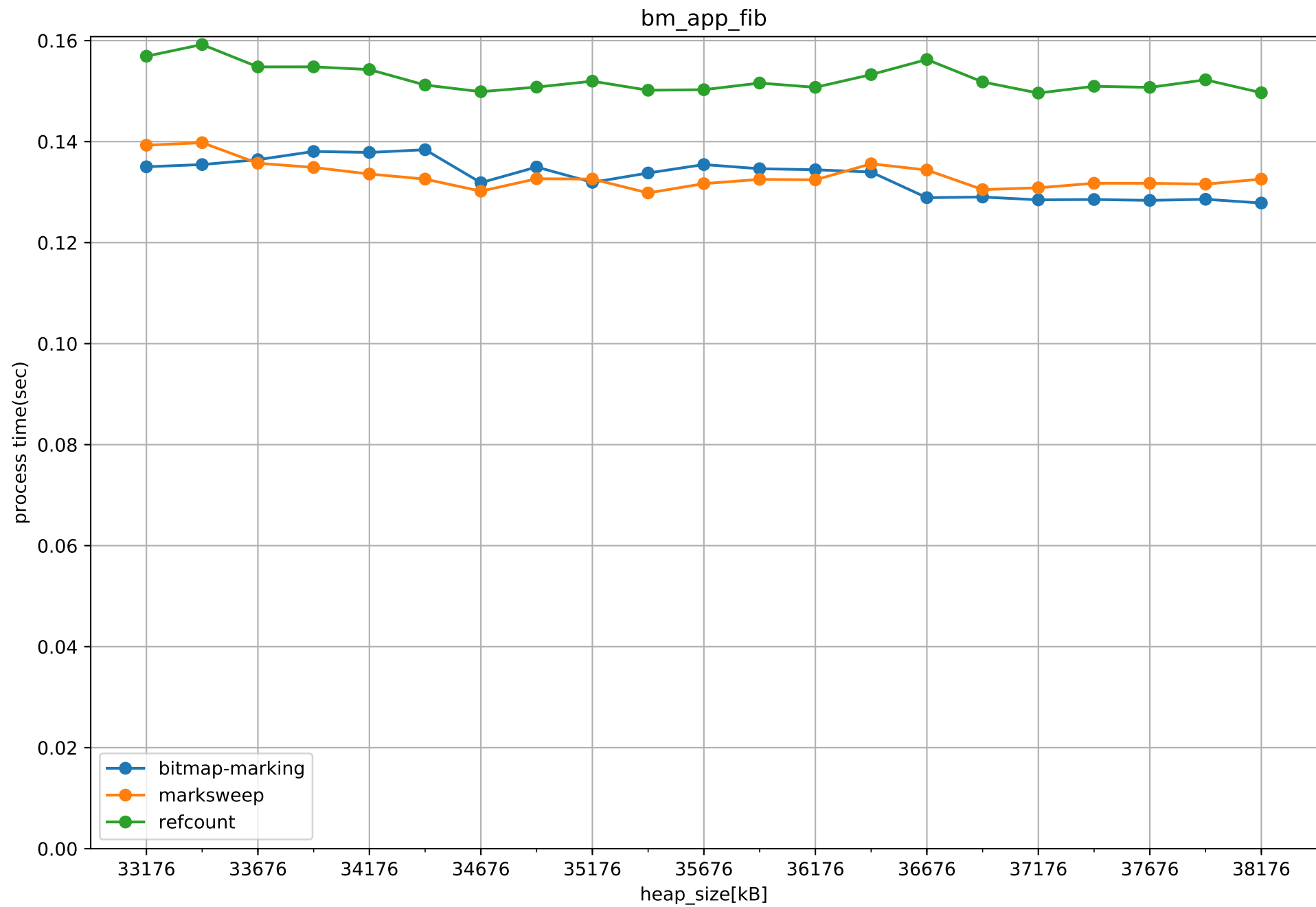


marksweep-m32 total time

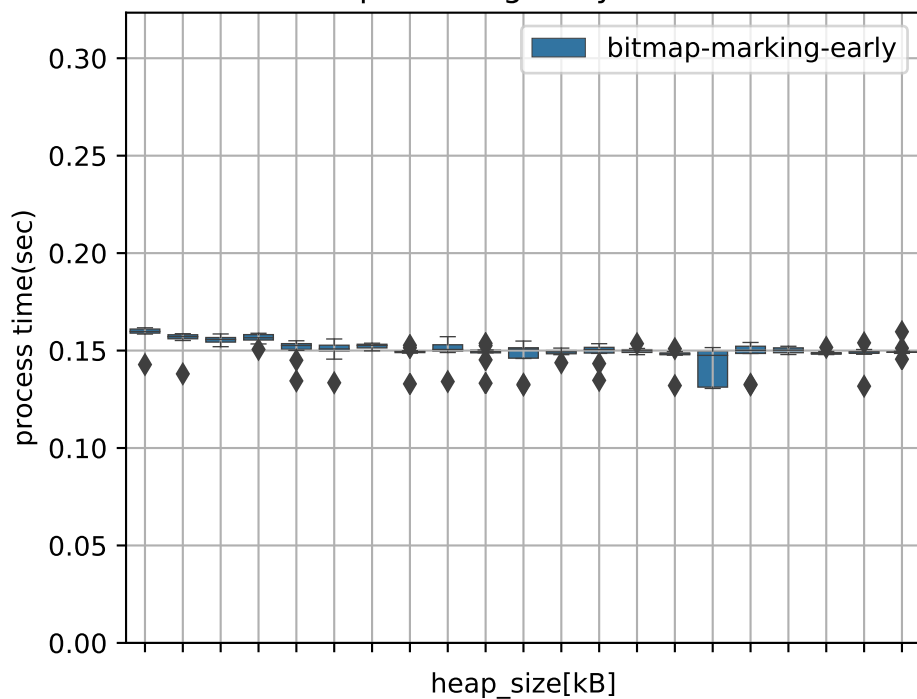


refcnt-m32 total time

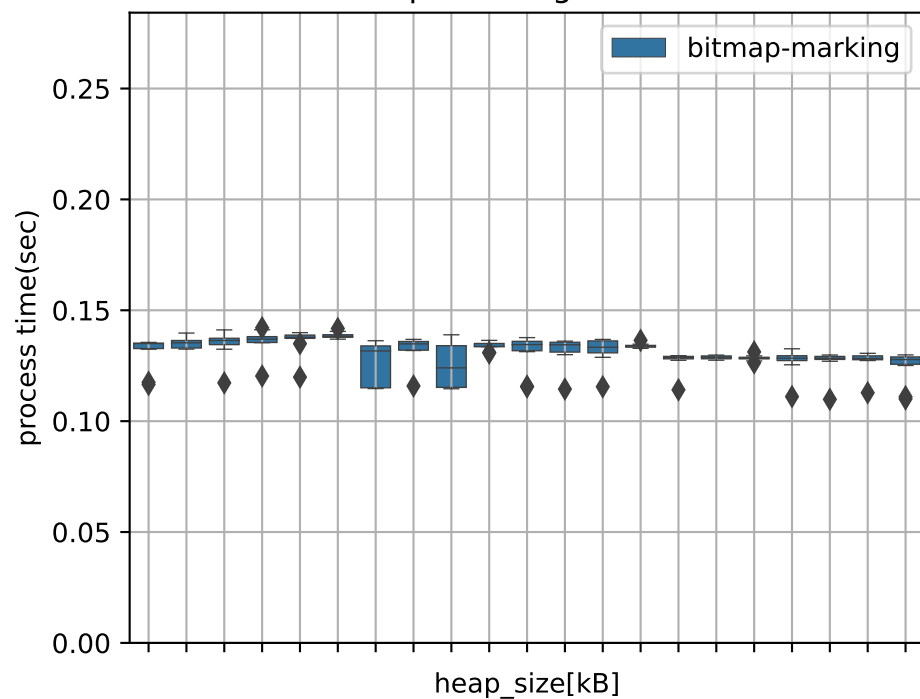




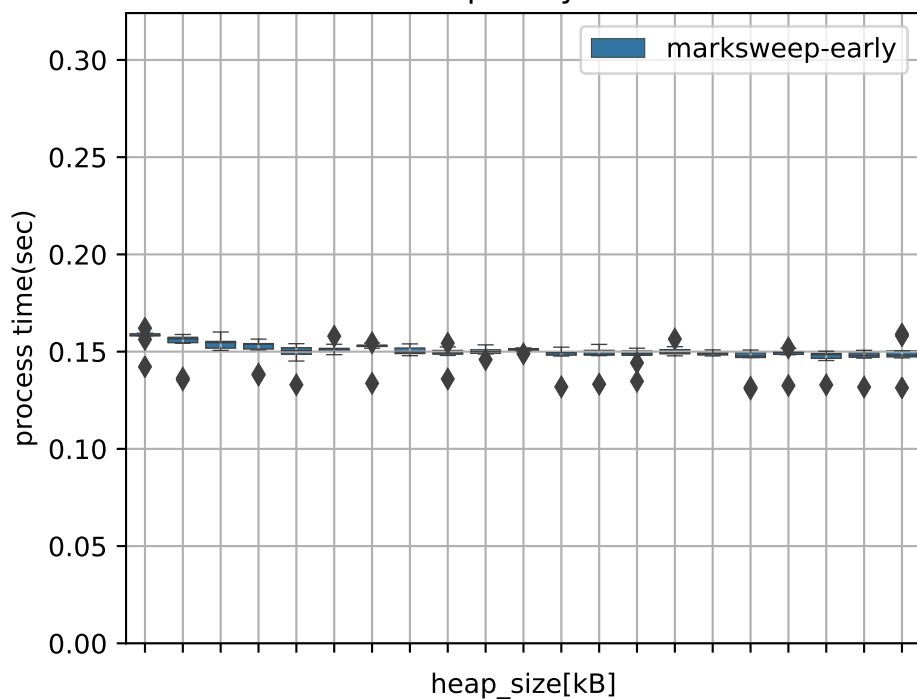
bitmap-marking-early total time



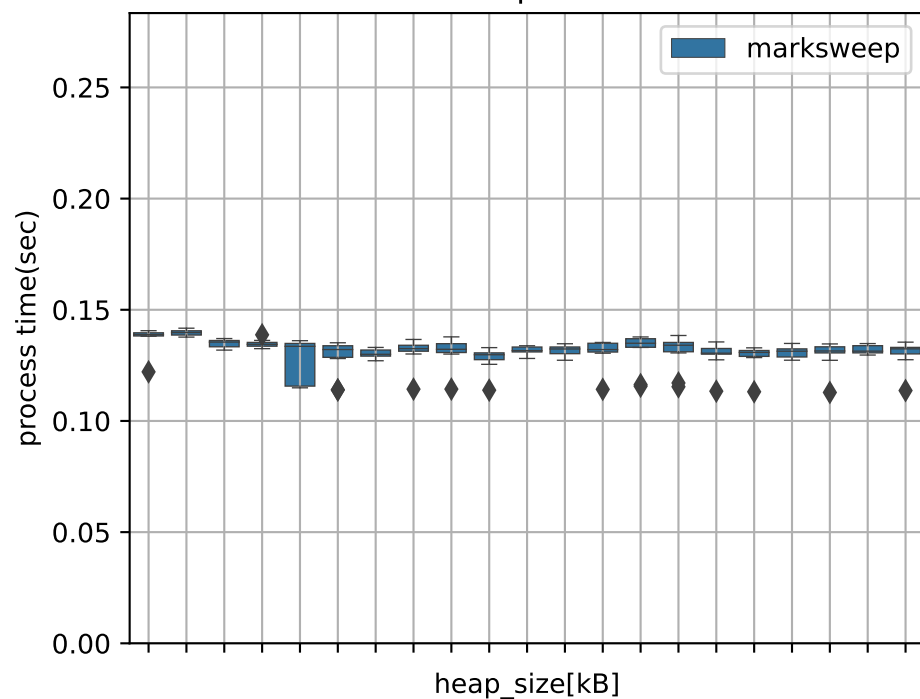
bitmap-marking total time



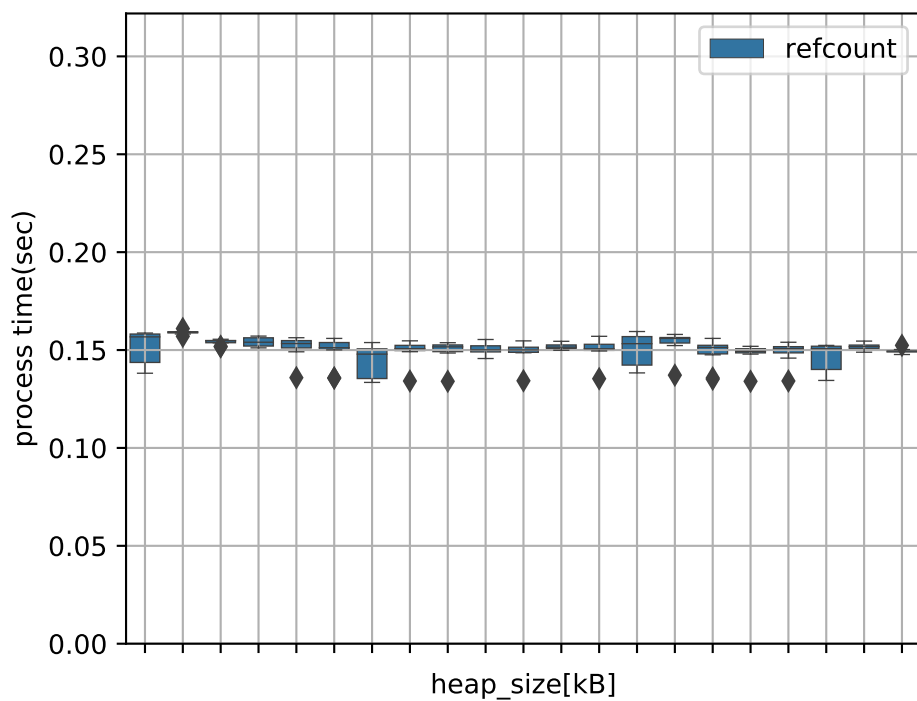
marksweep-early total time

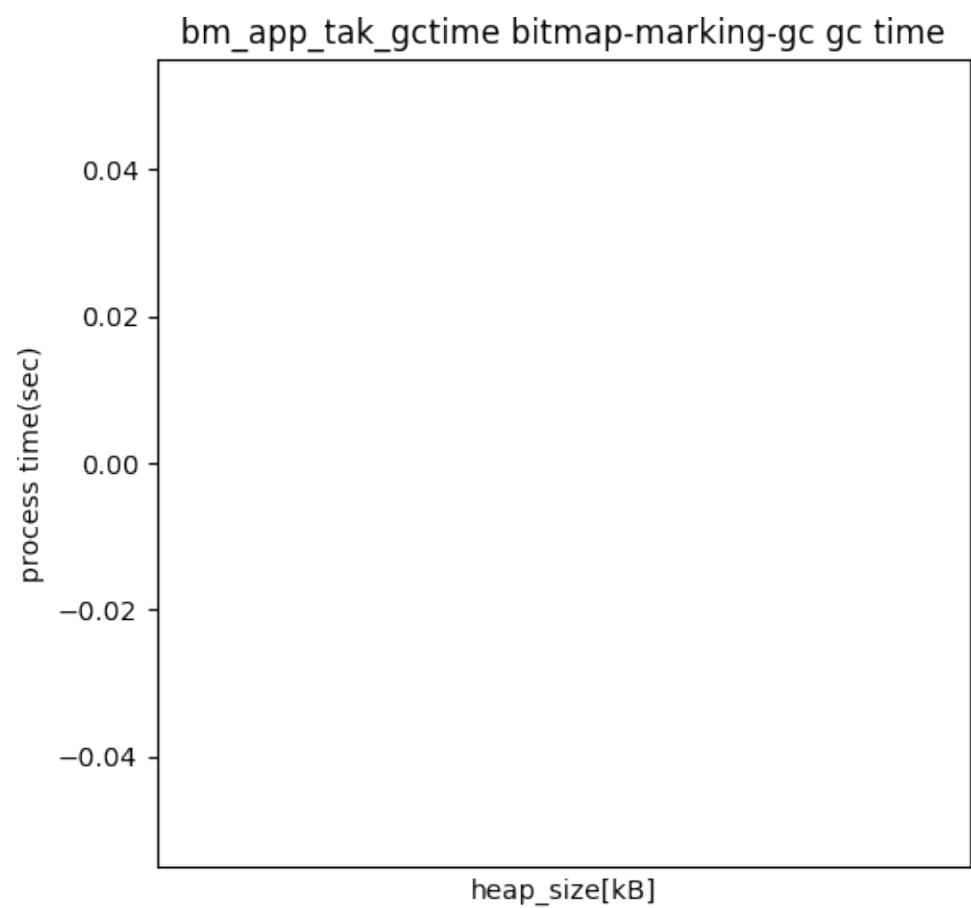
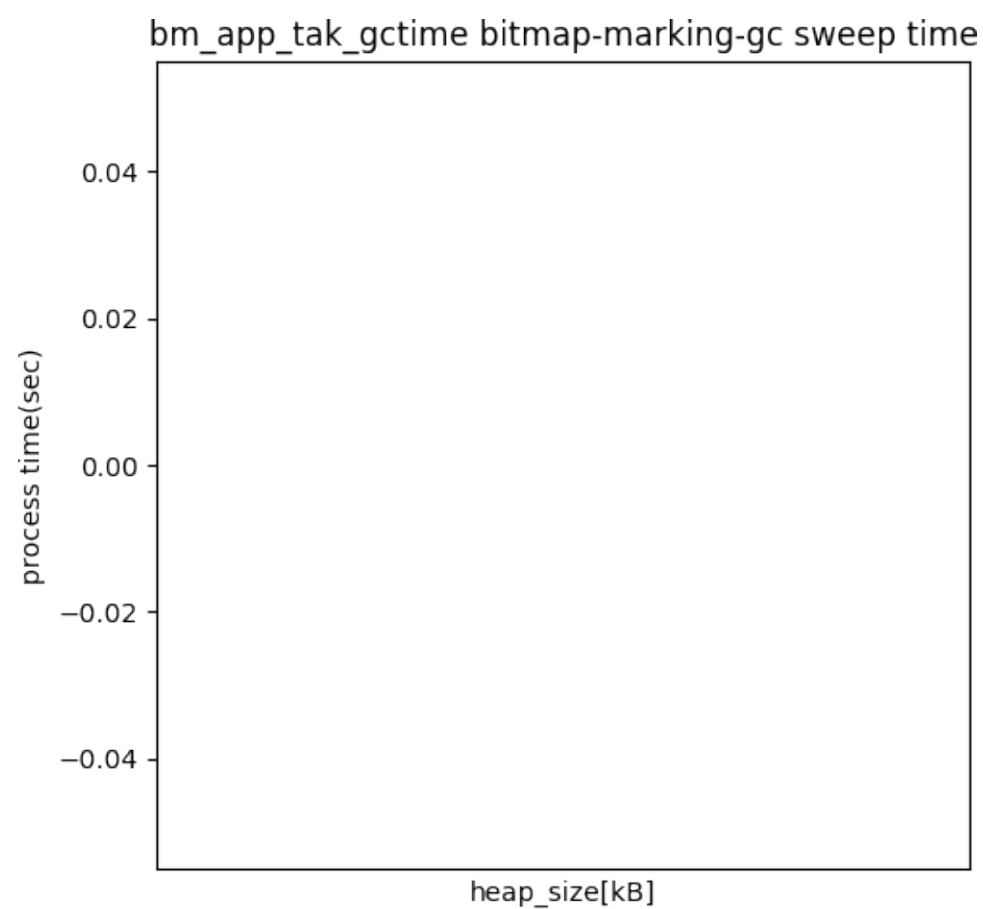
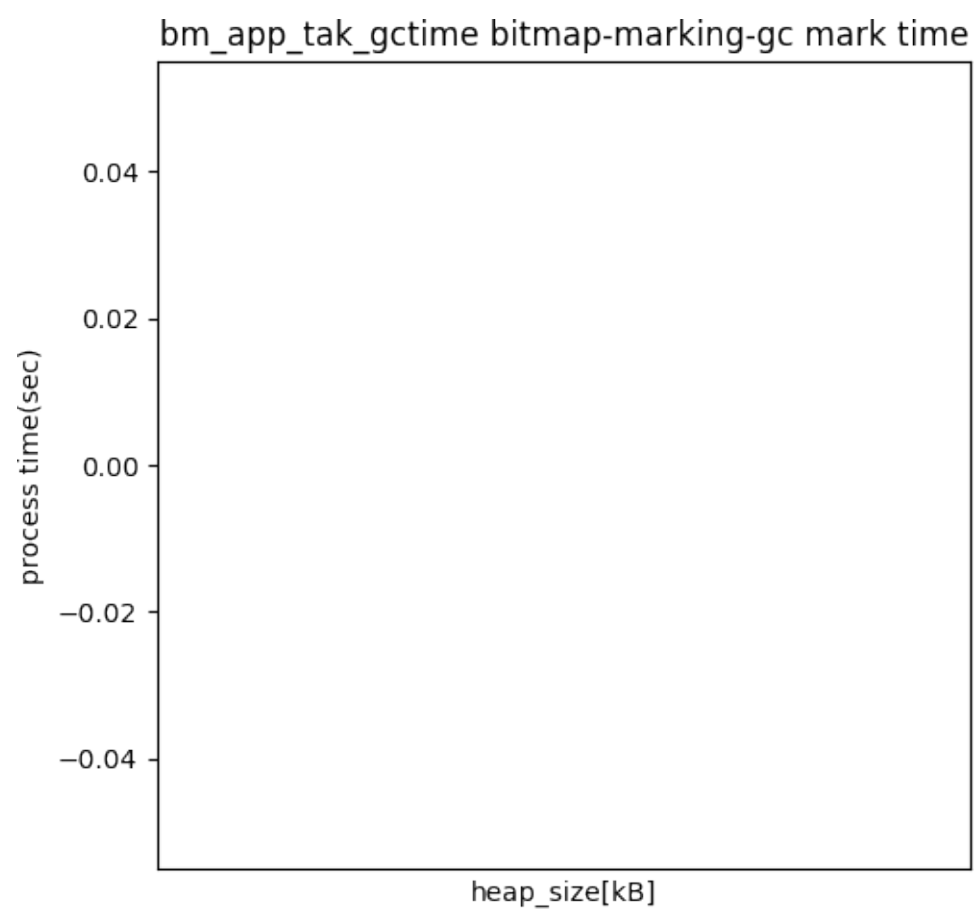


marksweep total time

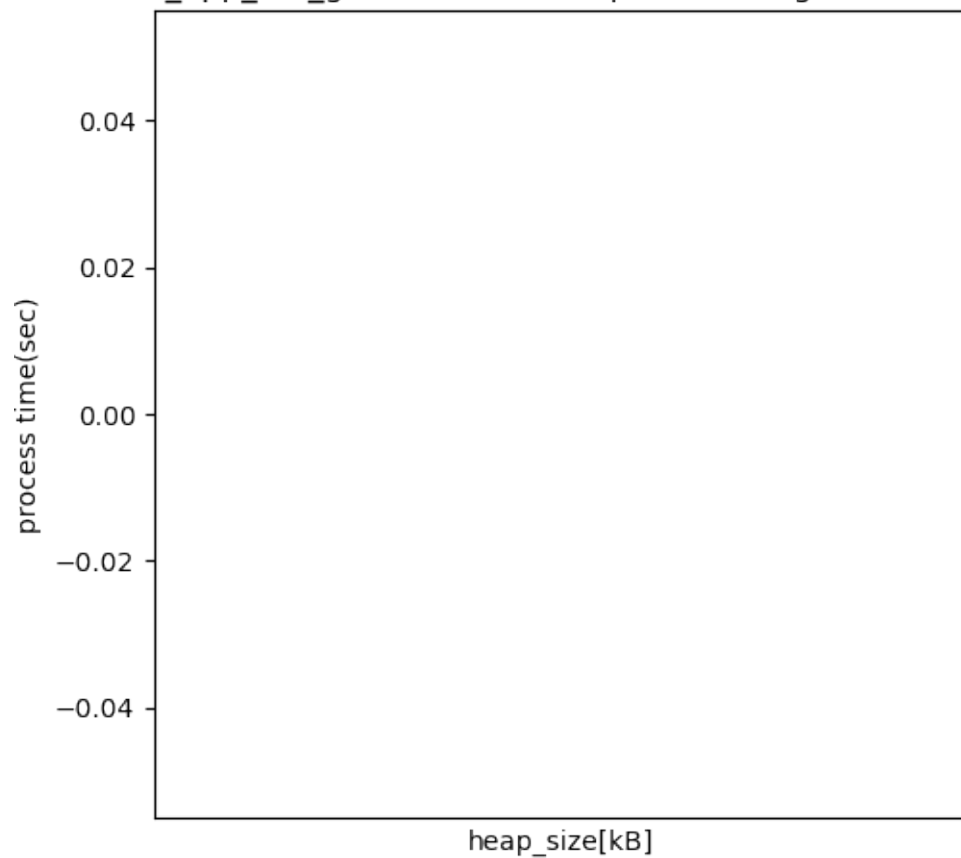


refcount total time

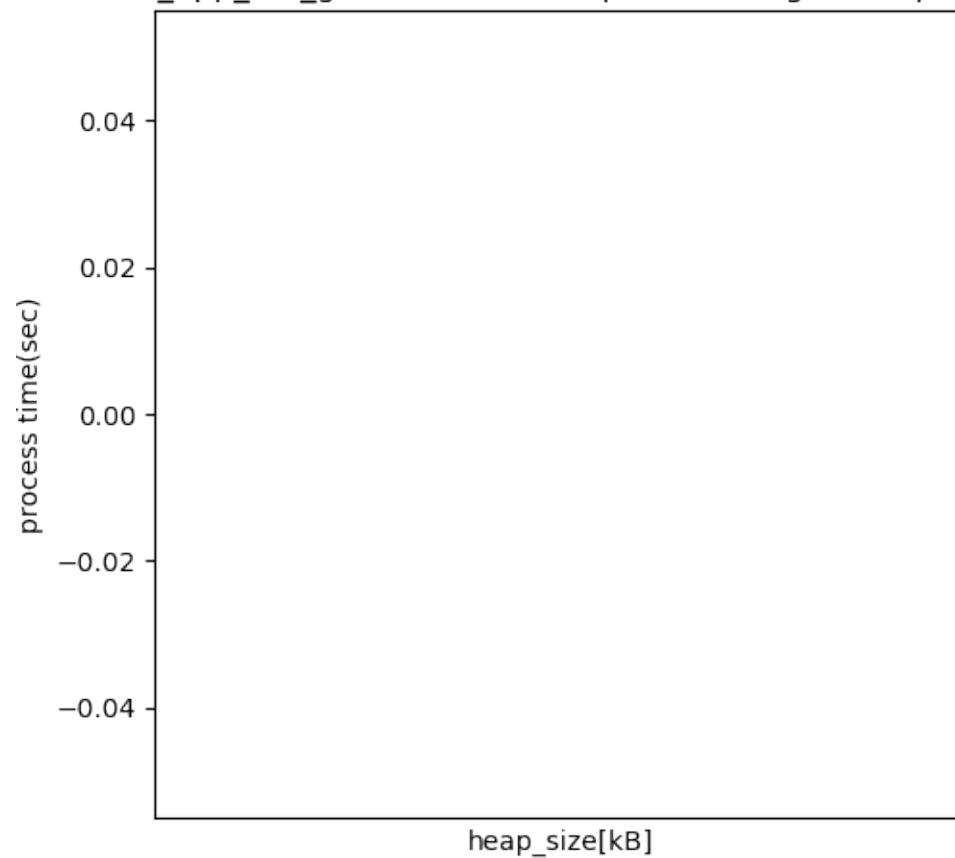




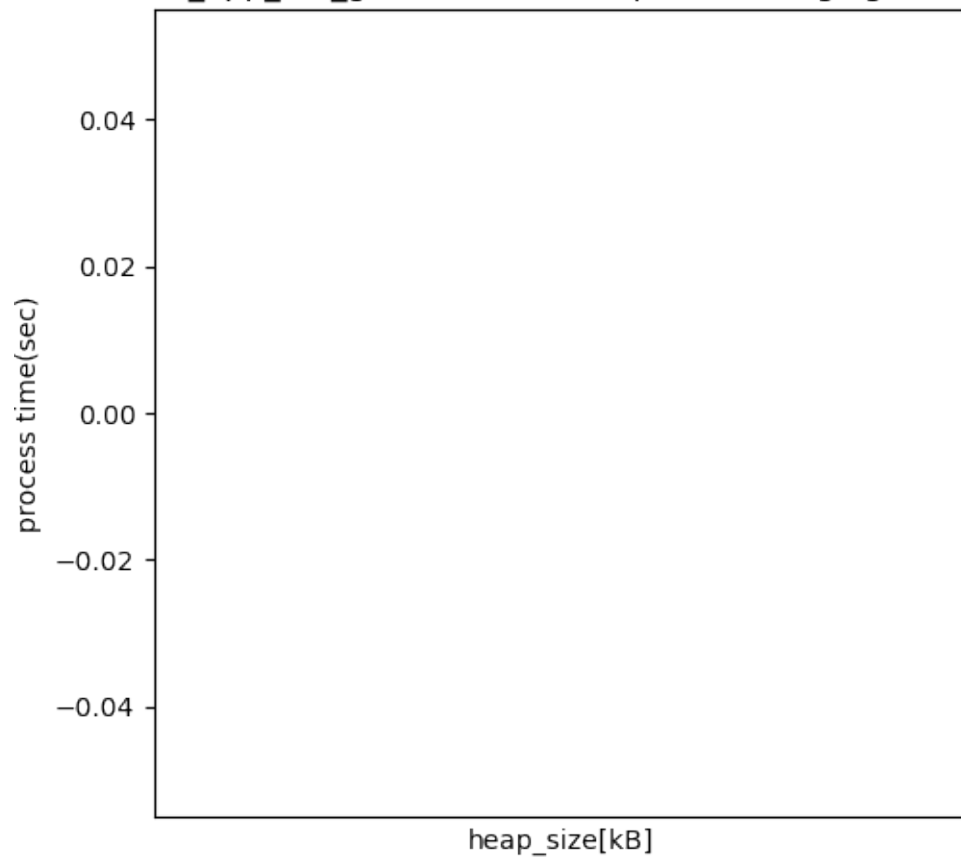
bm_app_tak_gctime markswEEP-measure-gc mark time

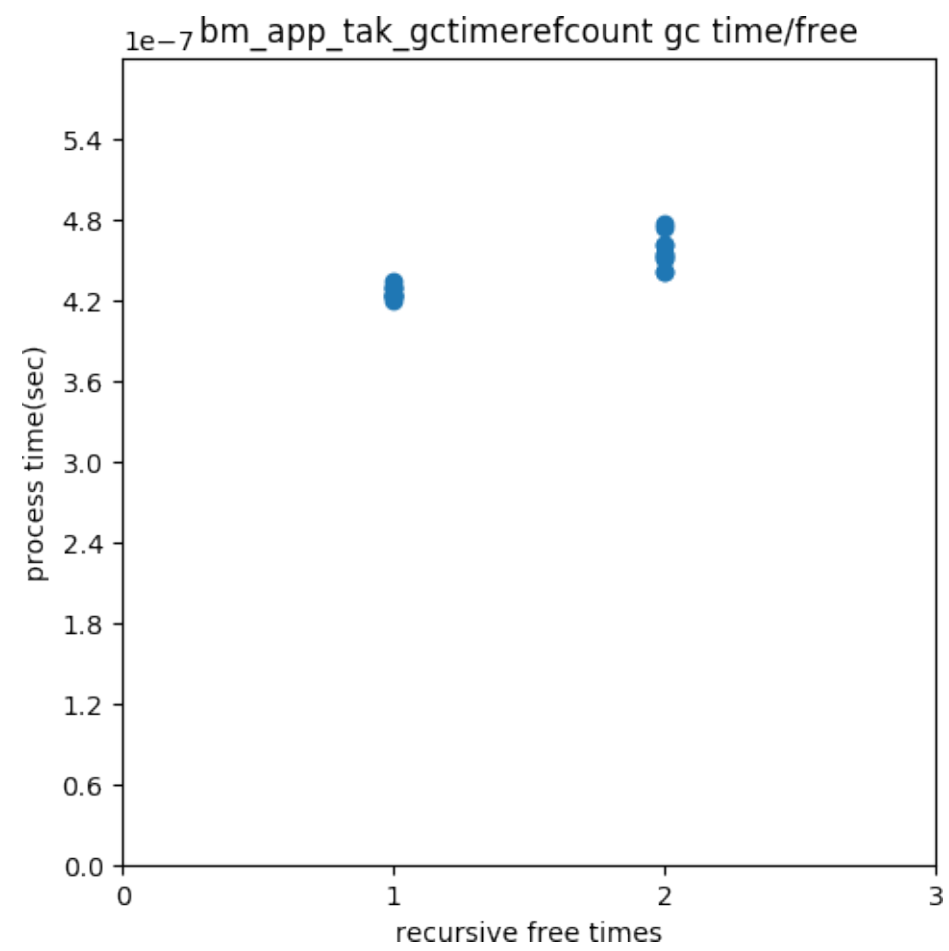
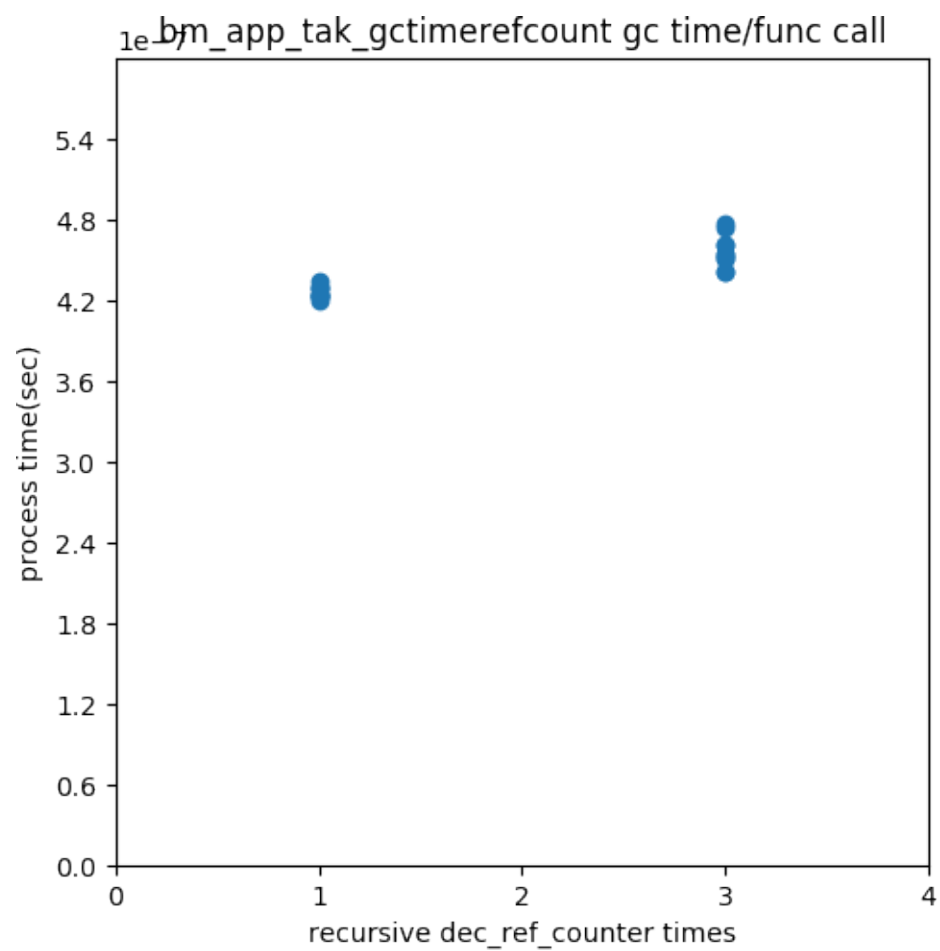


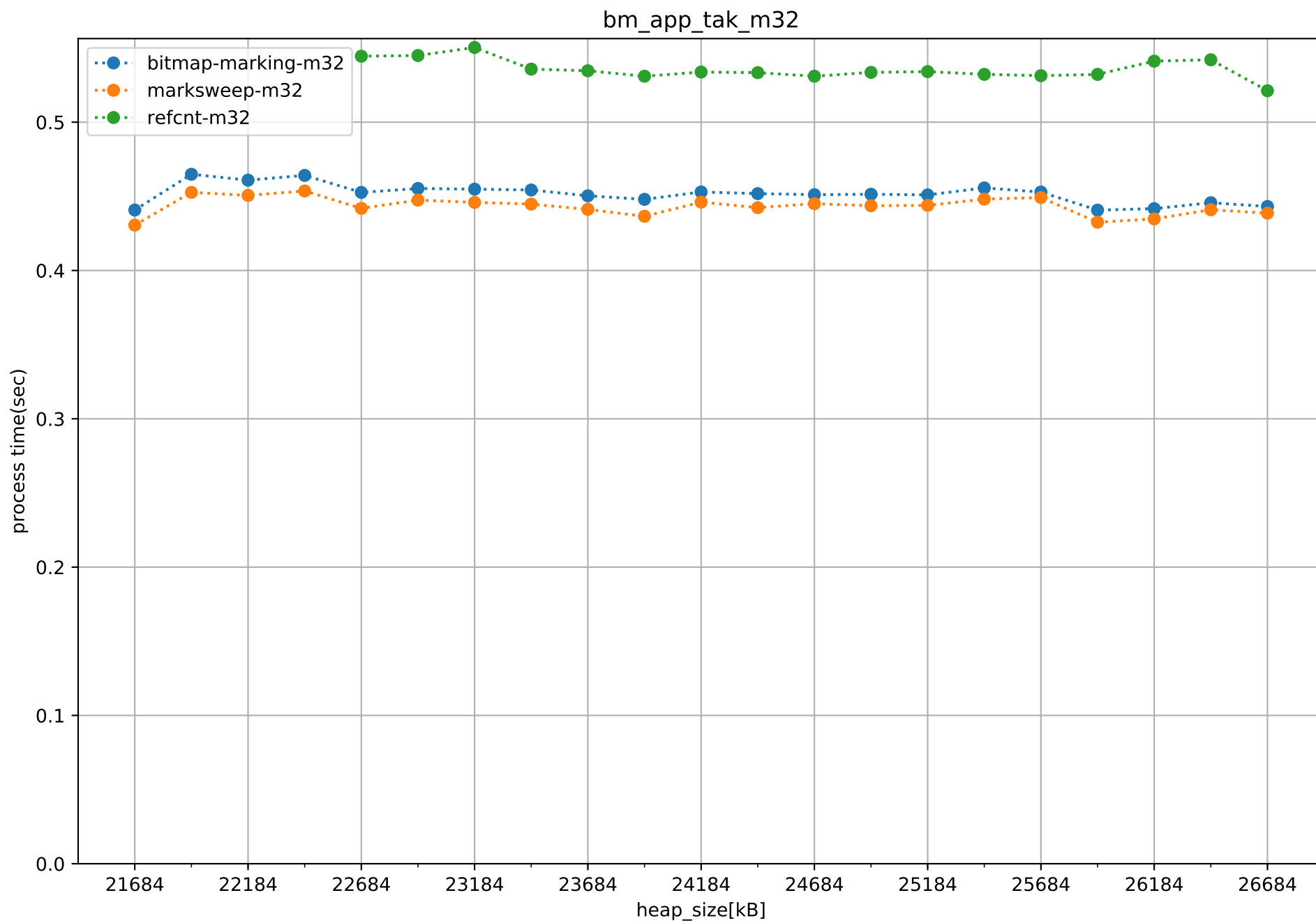
bm_app_tak_gctime markswEEP-measure-gc sweep time



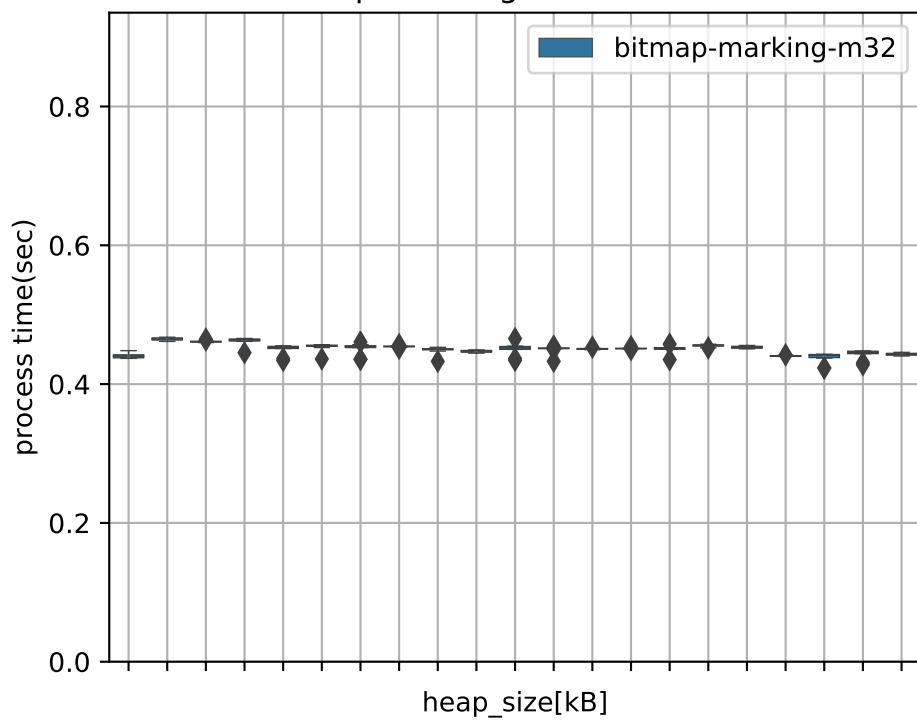
bm_app_tak_gctime markswEEP-measure-gc gc time



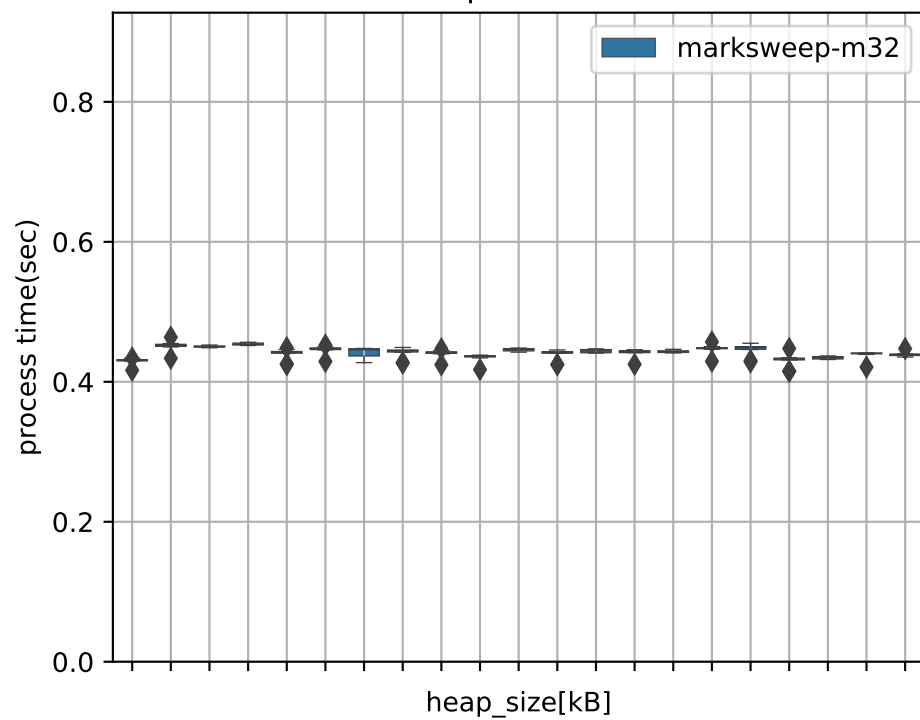




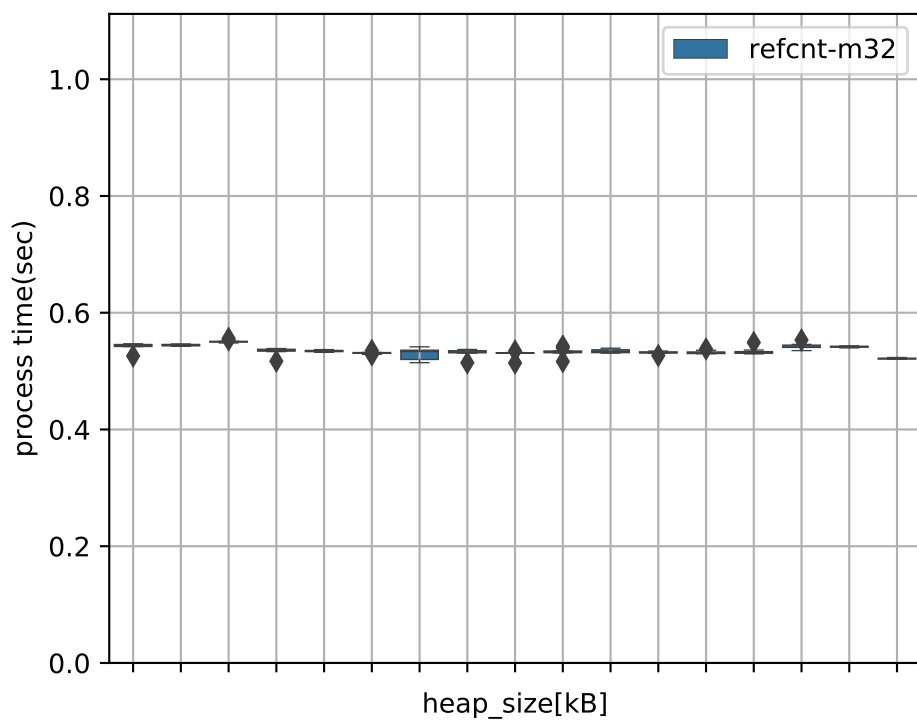
bitmap-marking-m32 total time

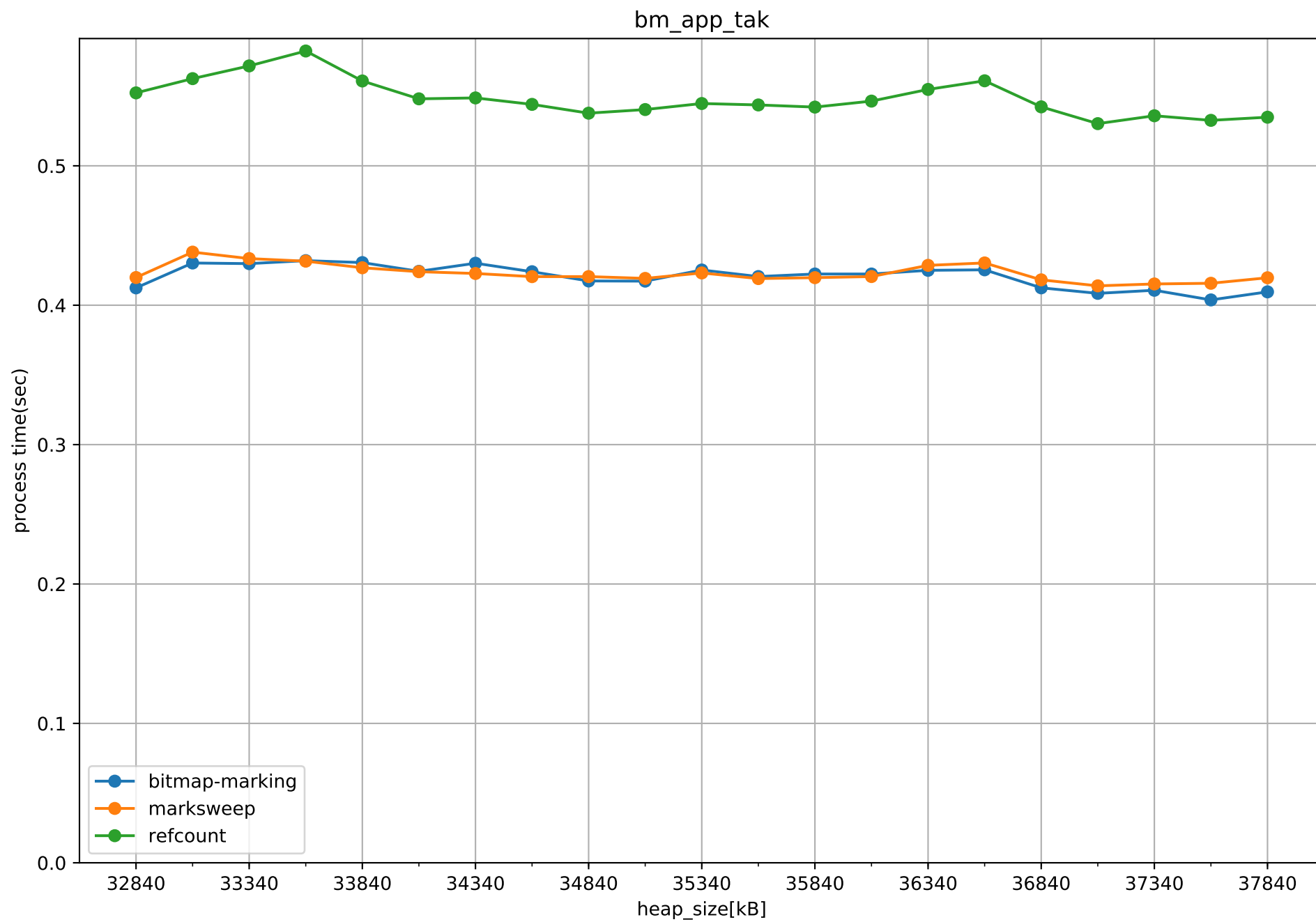


marksweep-m32 total time

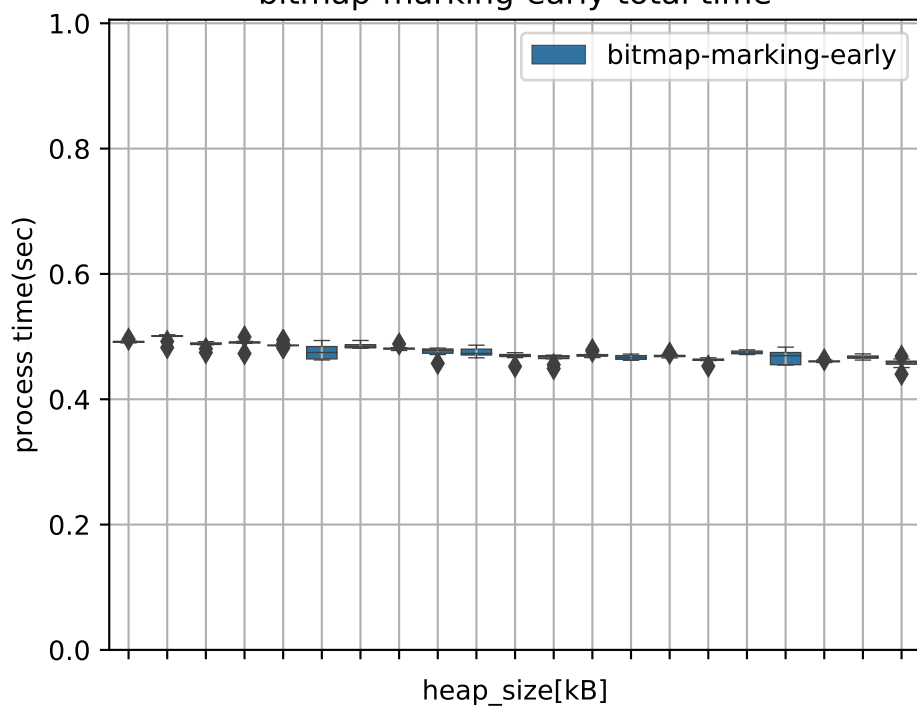


refcnt-m32 total time

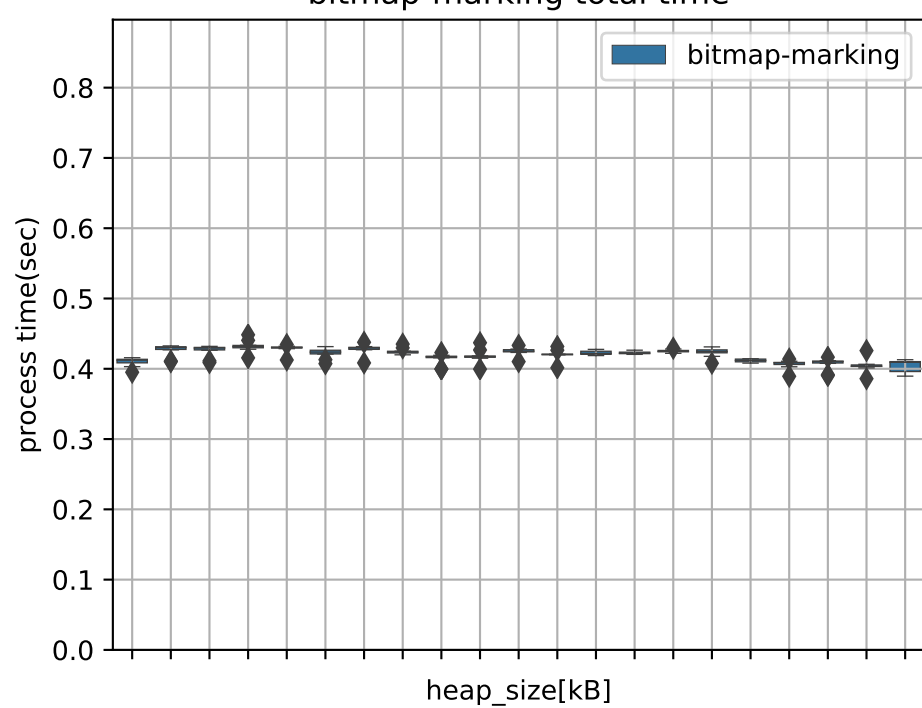




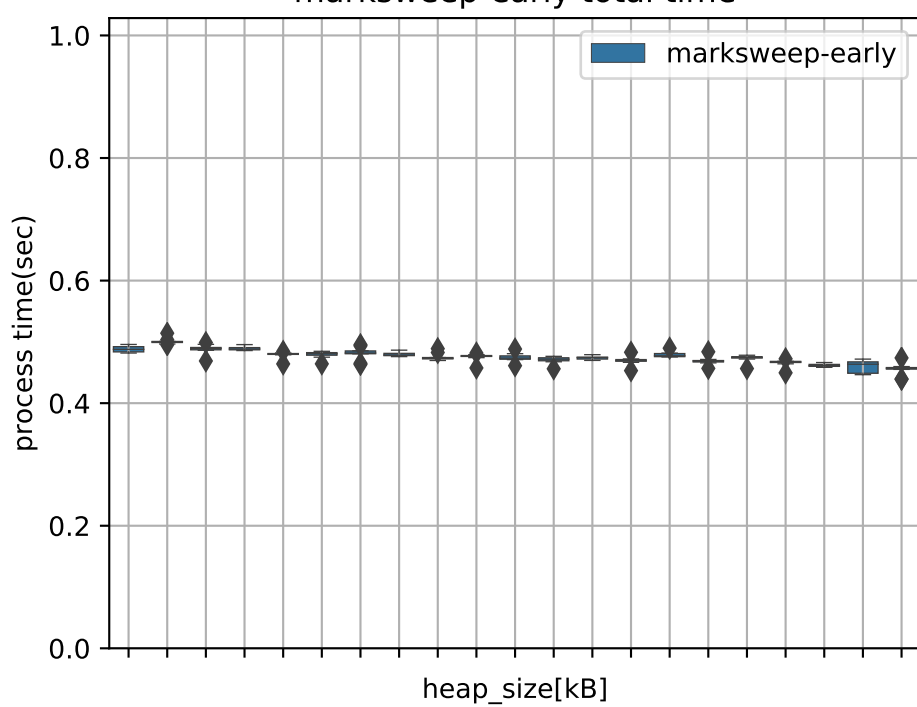
bitmap-marking-early total time



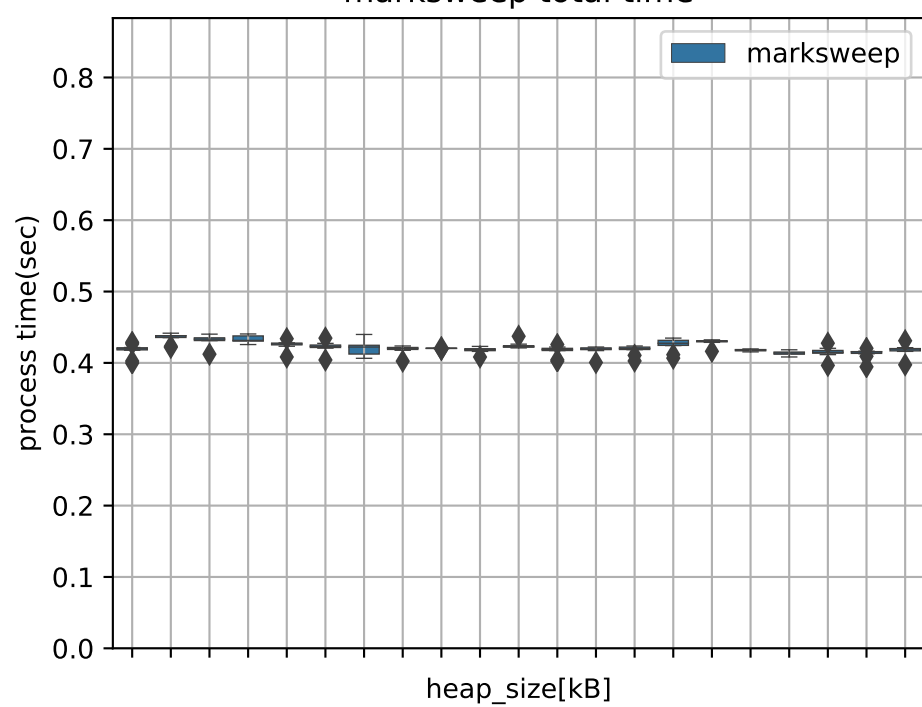
bitmap-marking total time



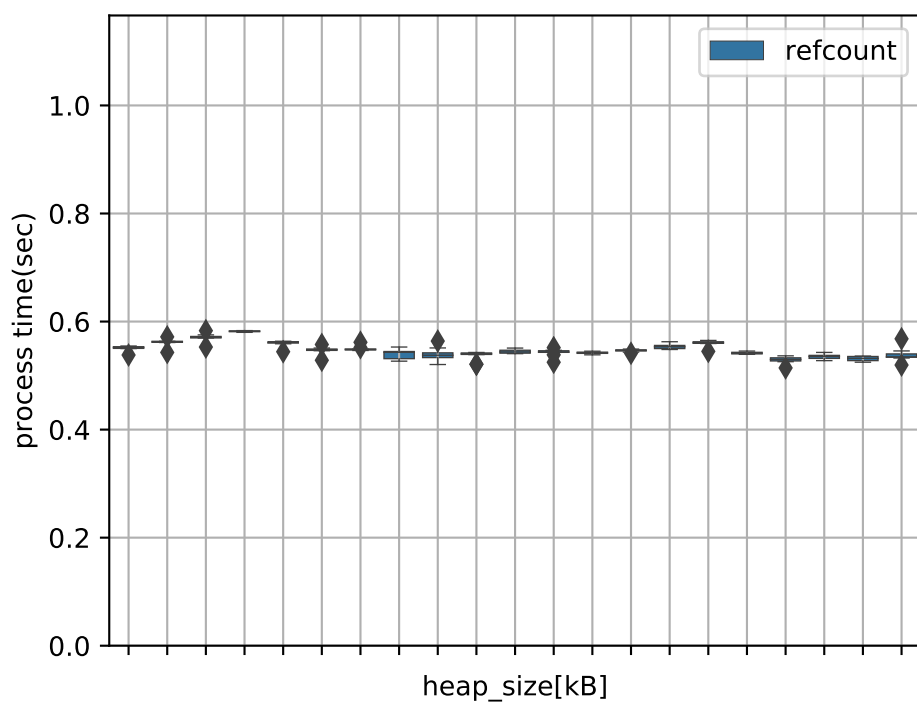
marksweep-early total time



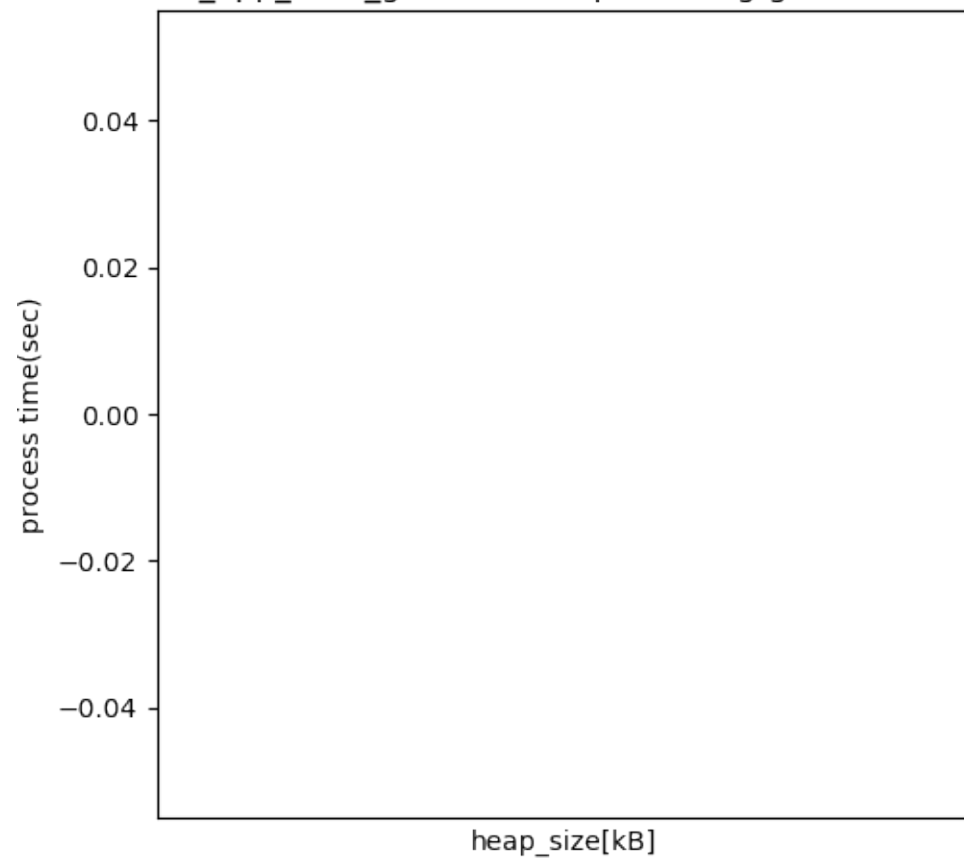
marksweep total time



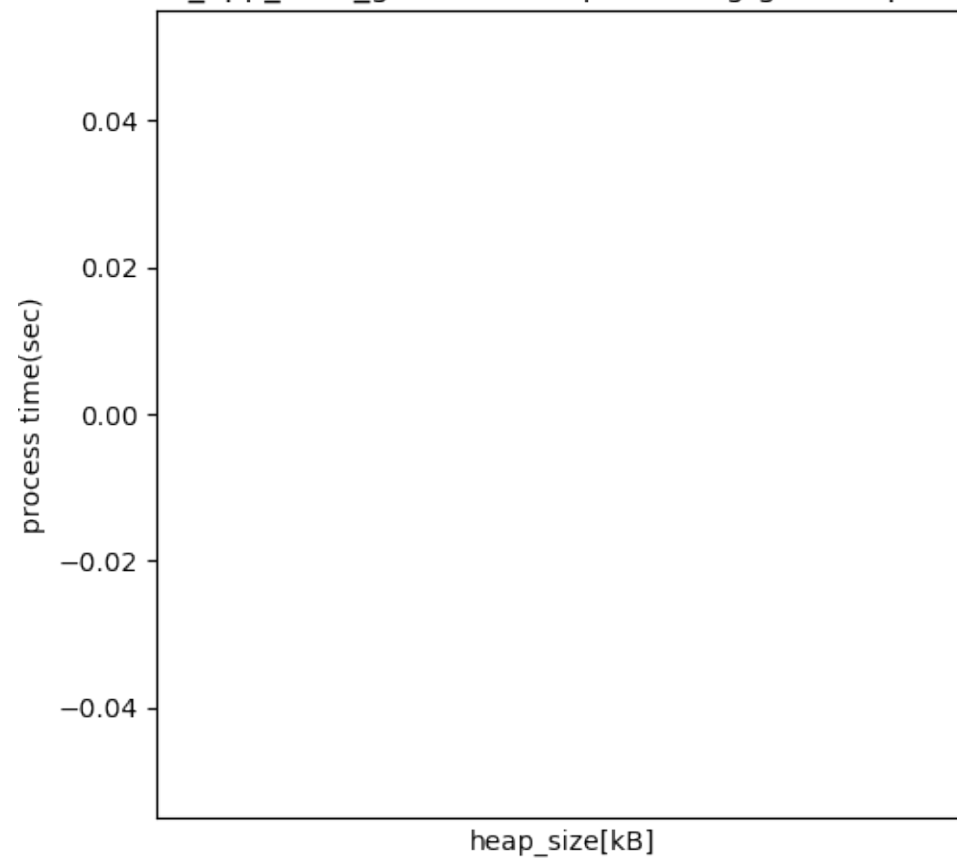
refcount total time



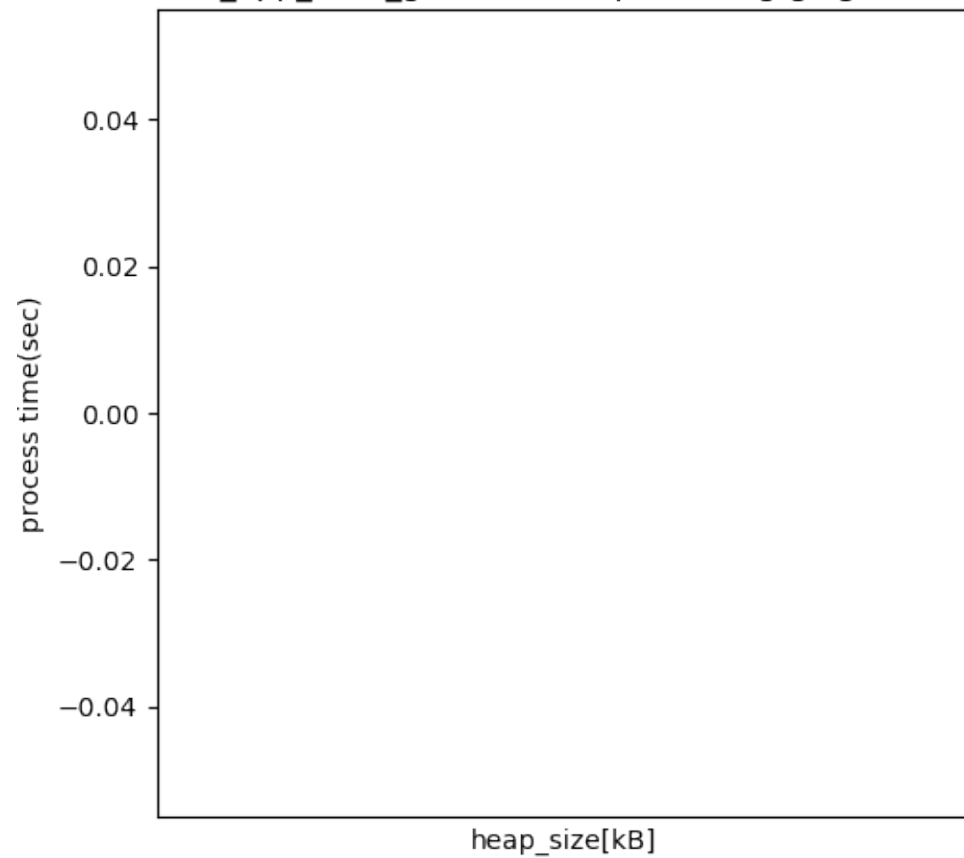
bm_app_tarai_gctime bitmap-marking-gc mark time

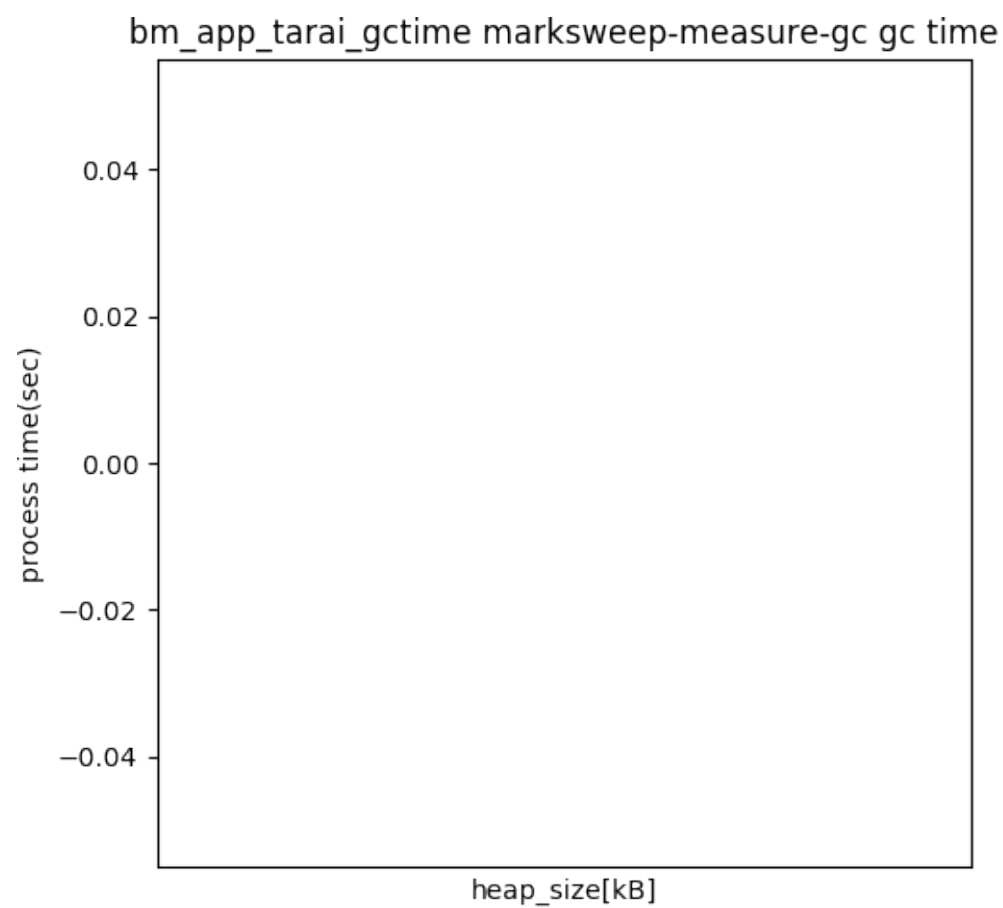
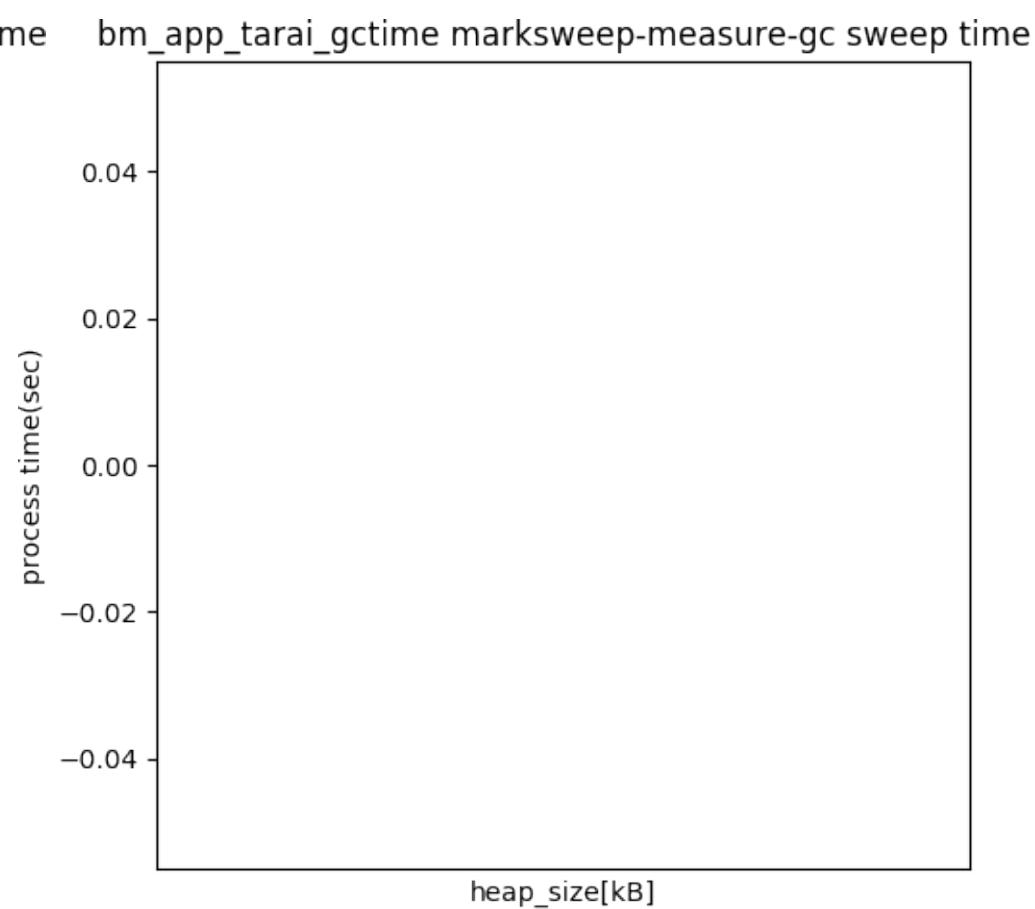
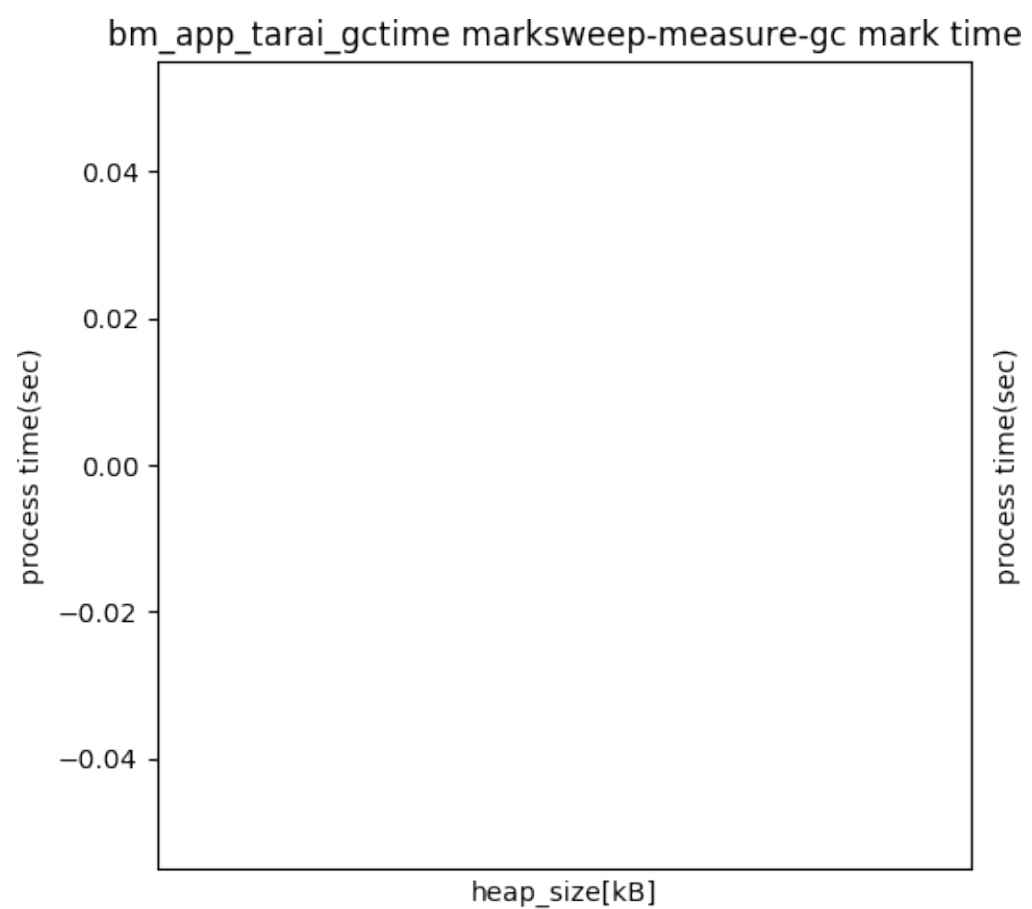


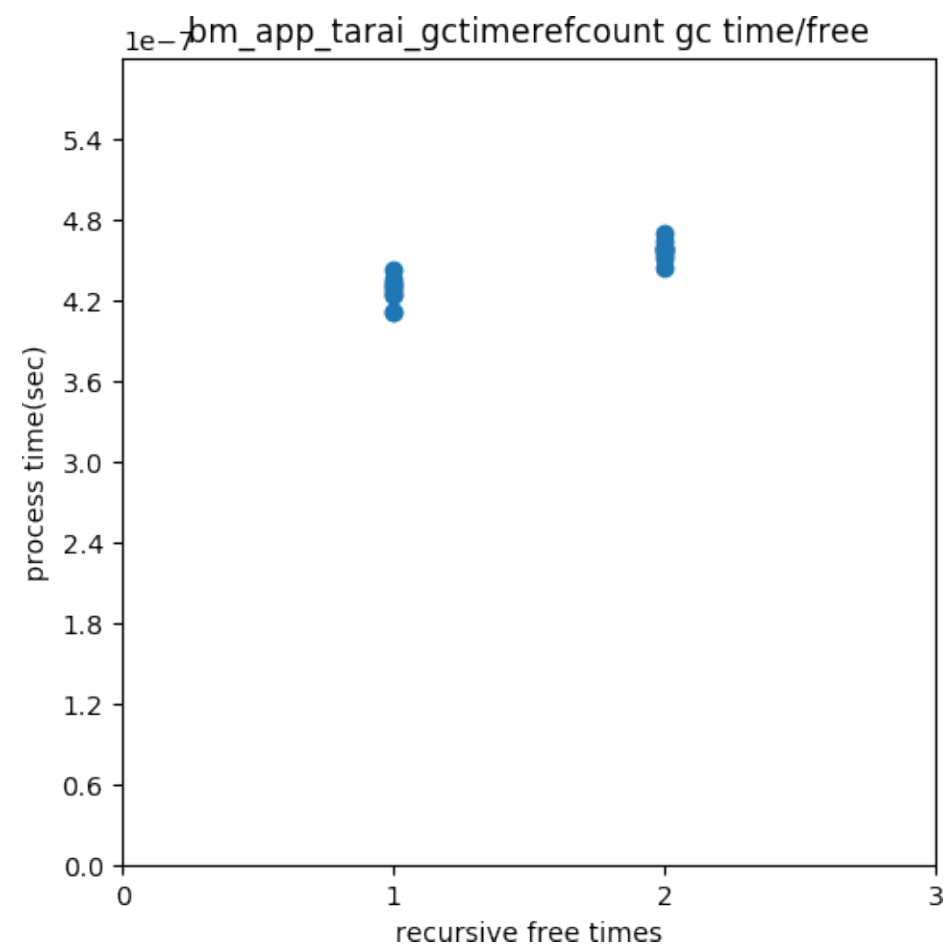
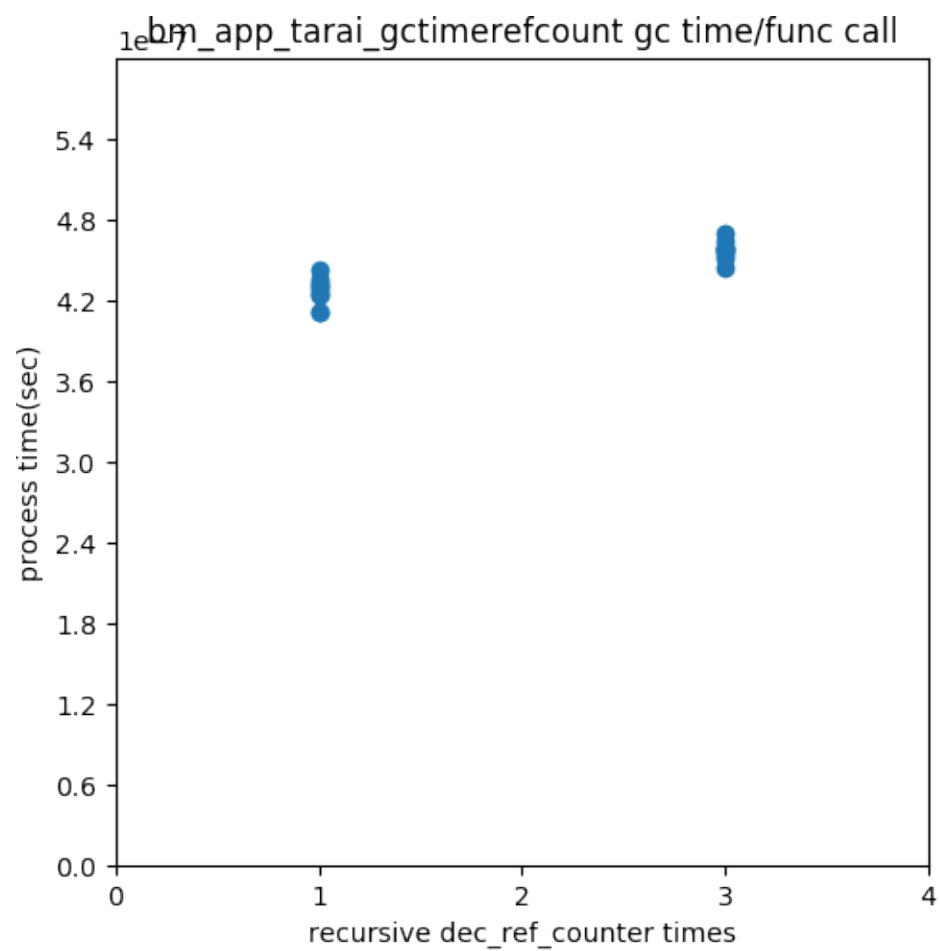
bm_app_tarai_gctime bitmap-marking-gc sweep time

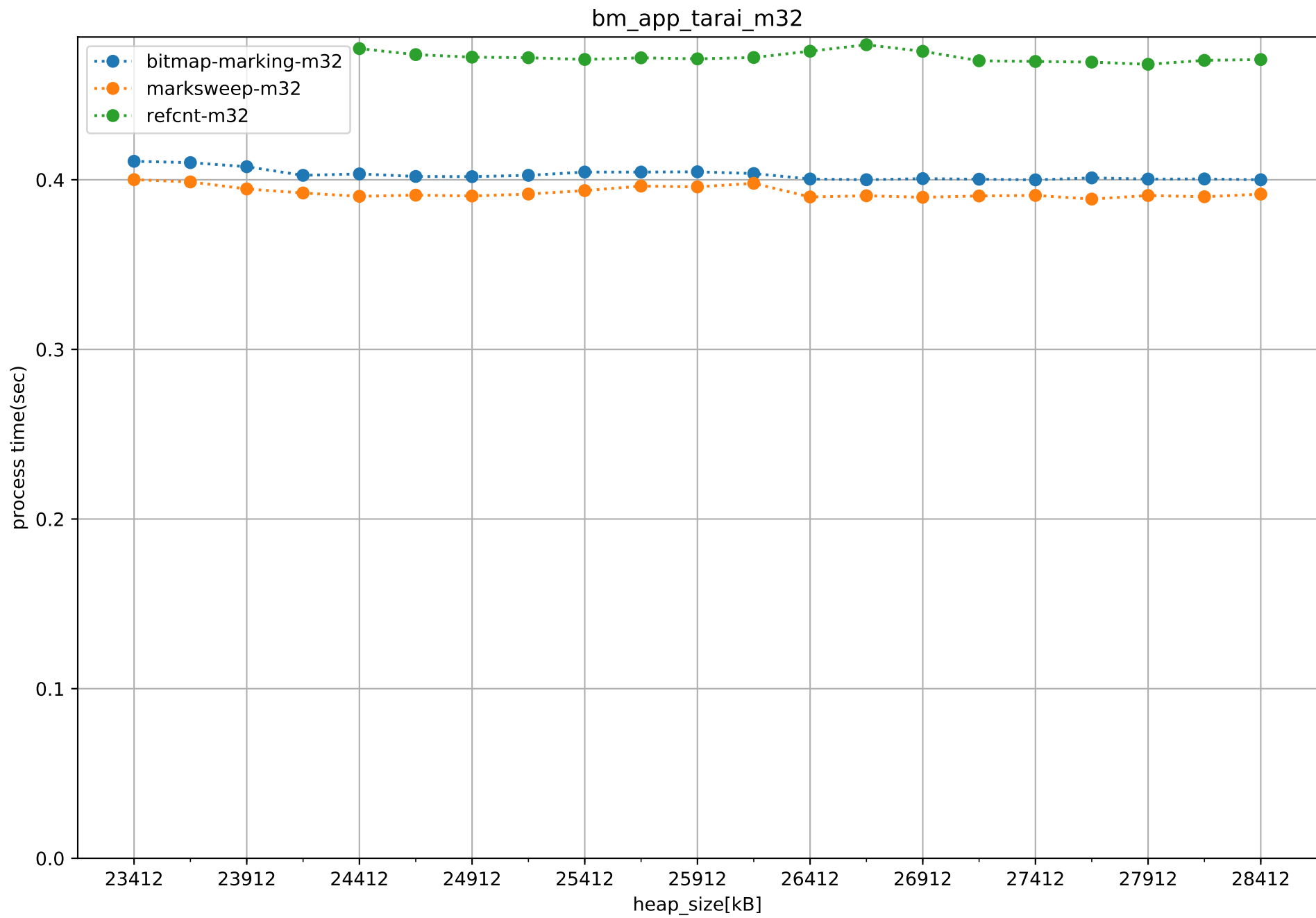


bm_app_tarai_gctime bitmap-marking-gc gc time

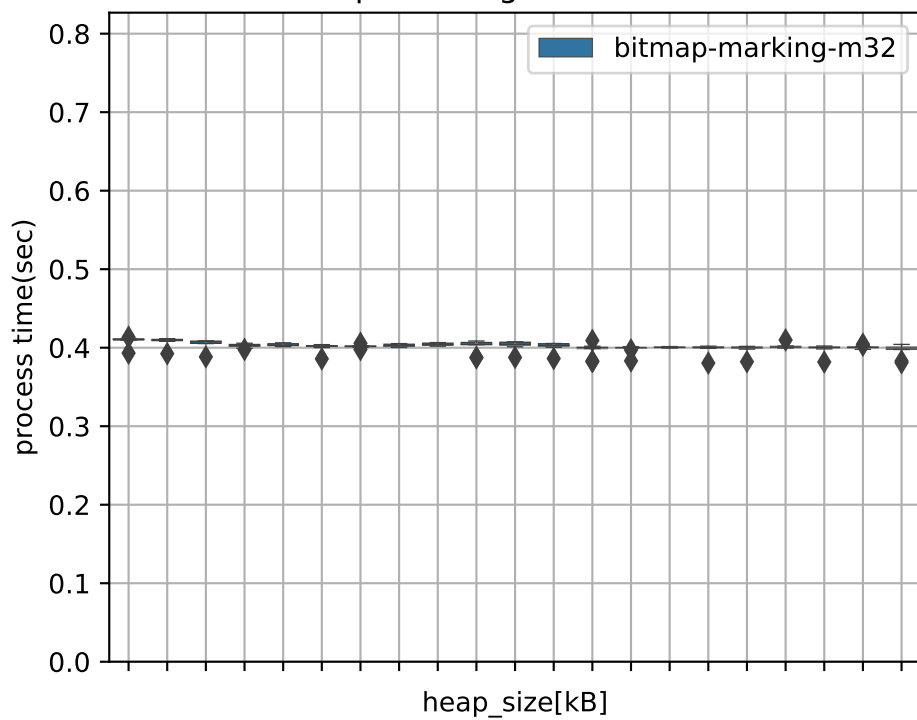




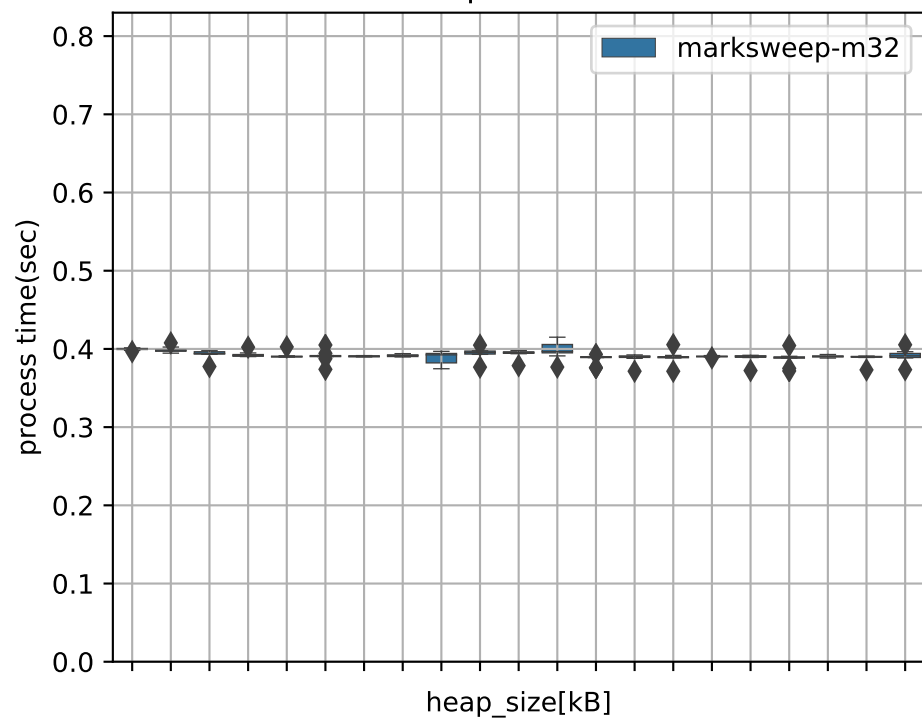




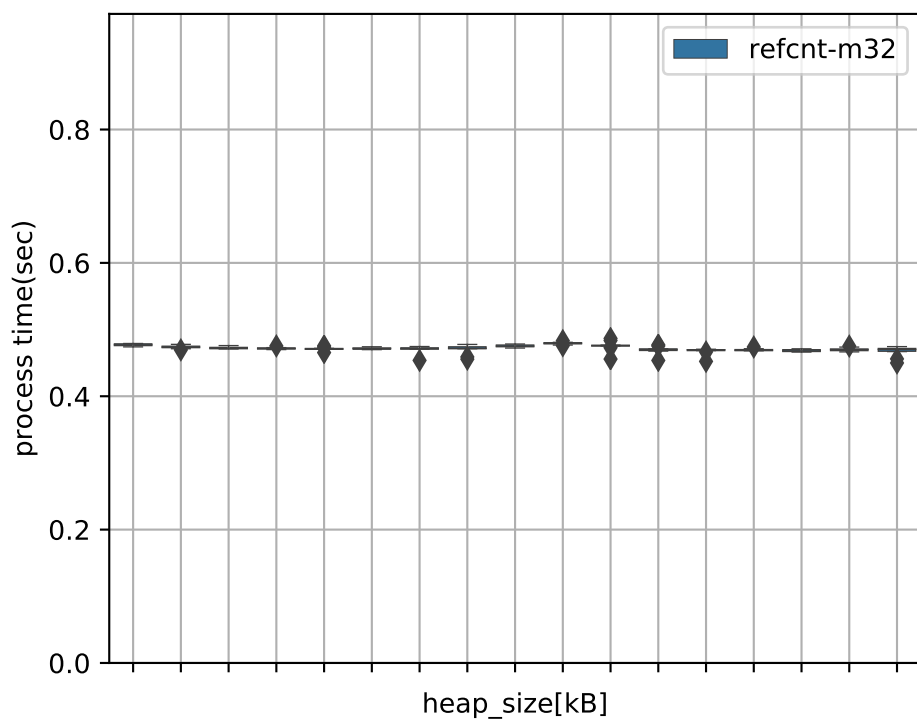
bitmap-marking-m32 total time

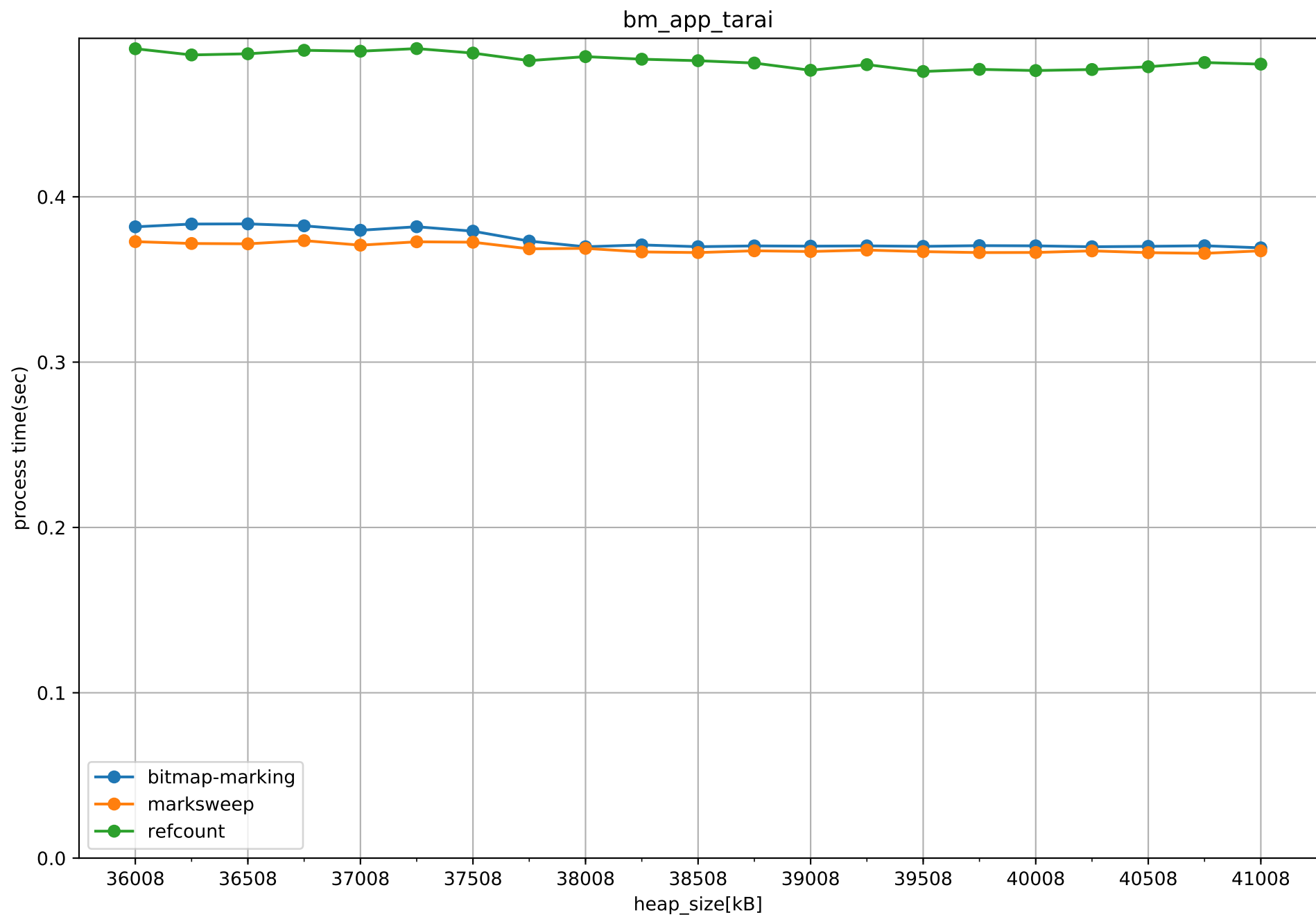


marksweep-m32 total time

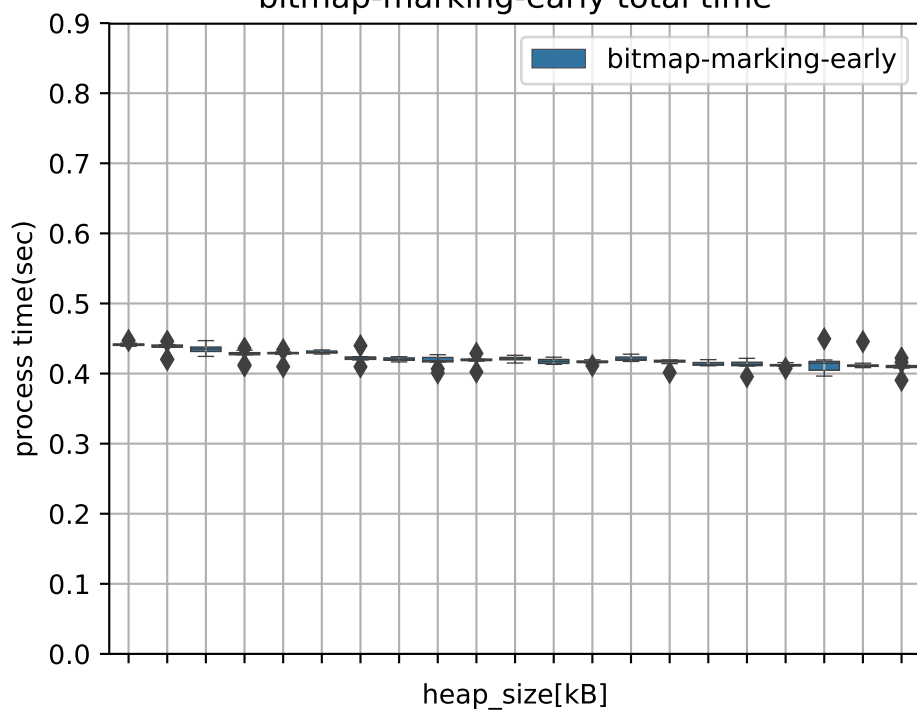


refcnt-m32 total time

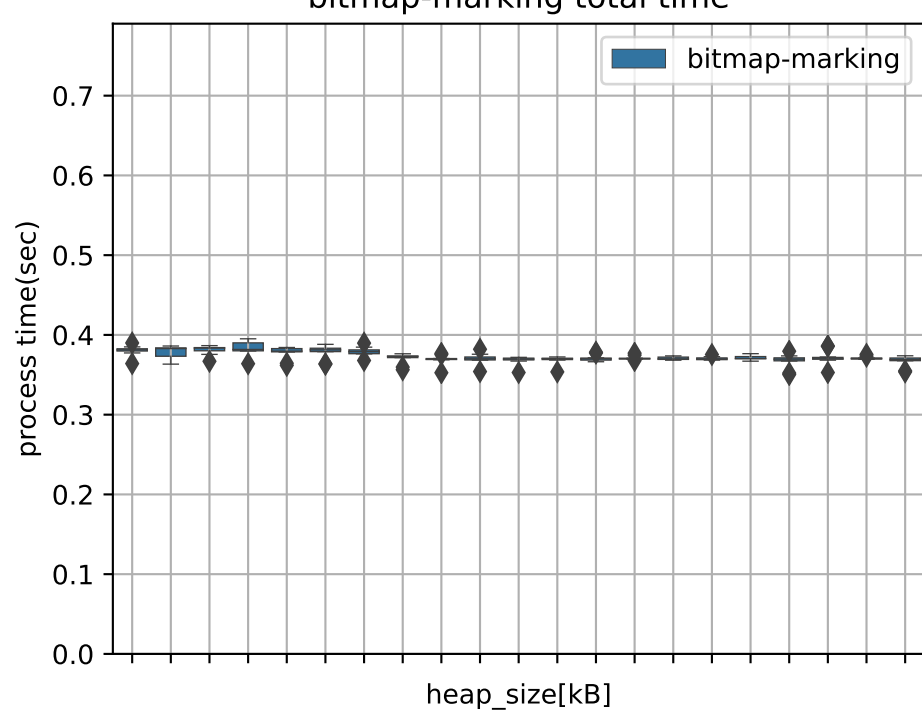




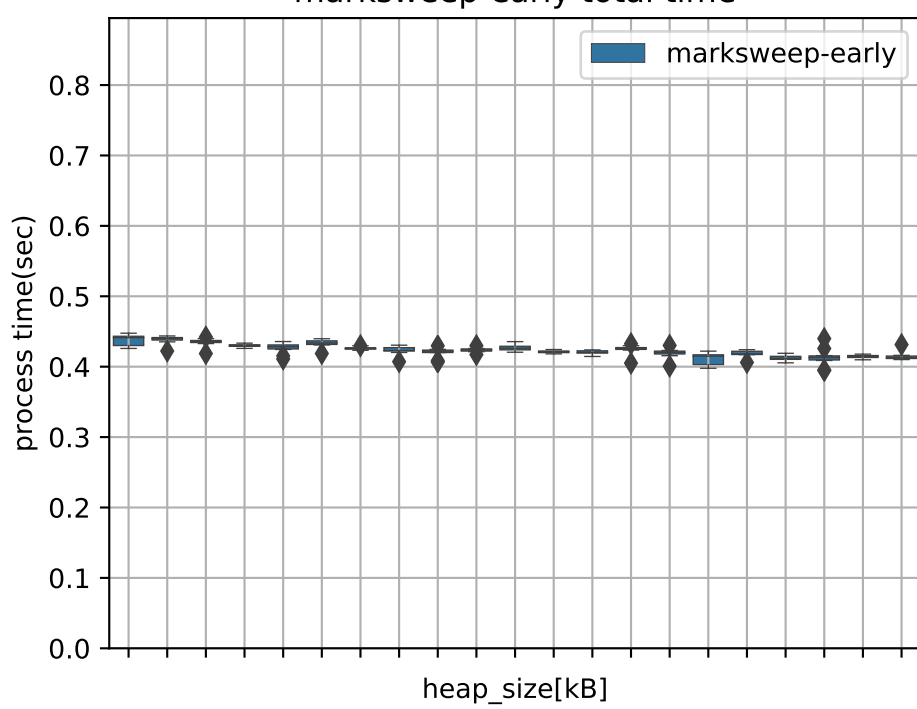
bitmap-marking-early total time



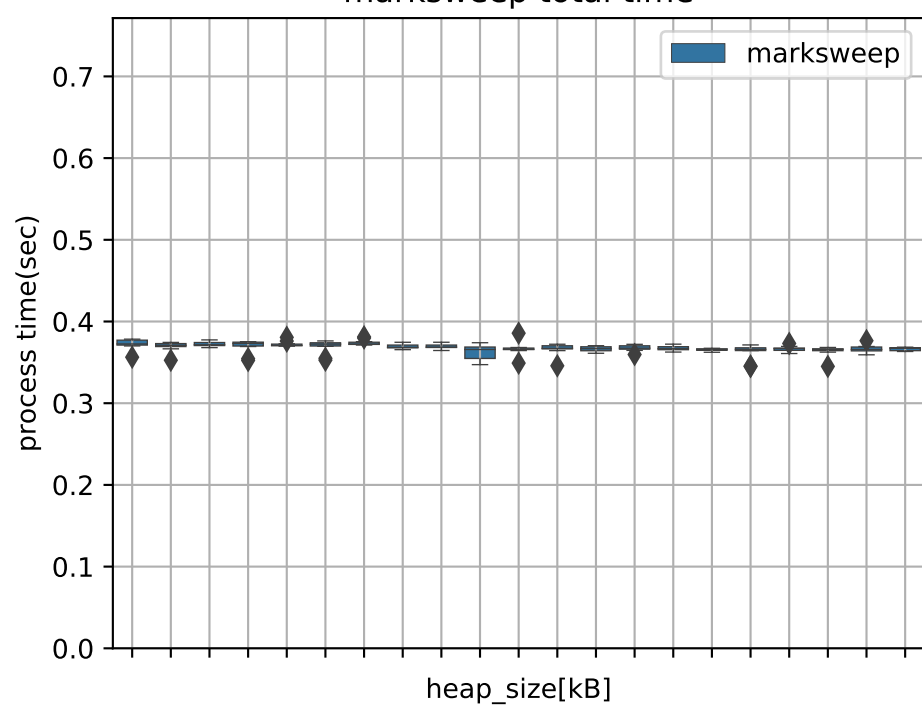
bitmap-marking total time



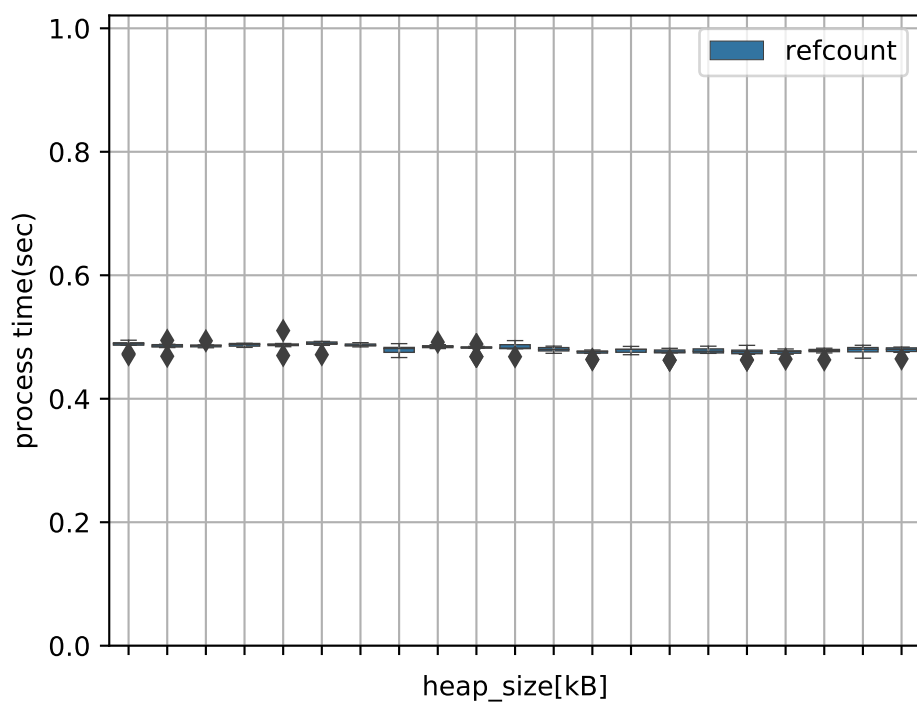
marksweep-early total time



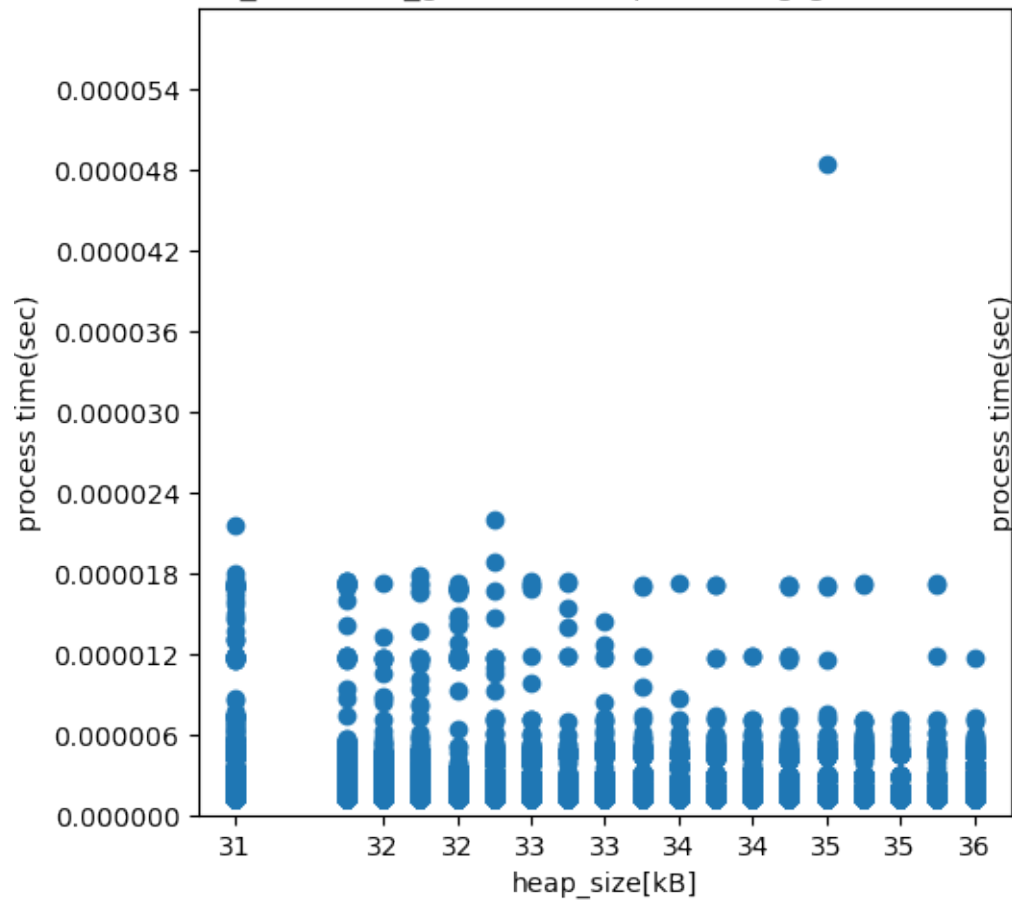
marksweep total time



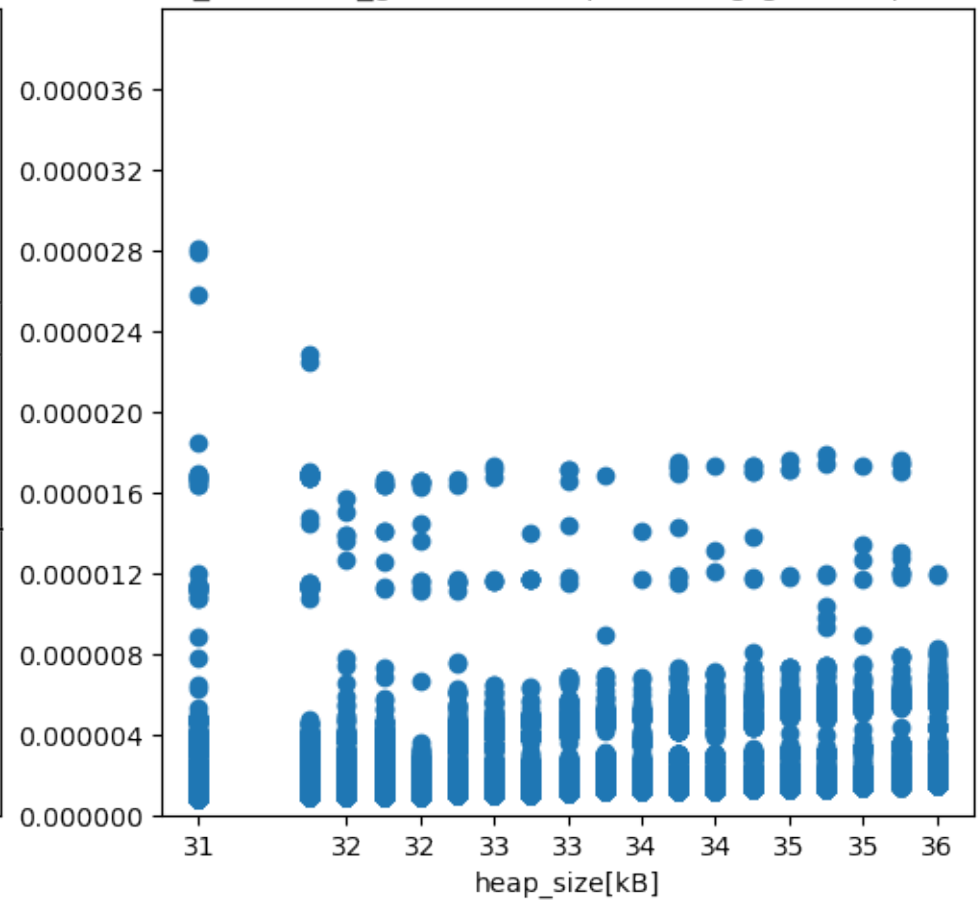
refcount total time



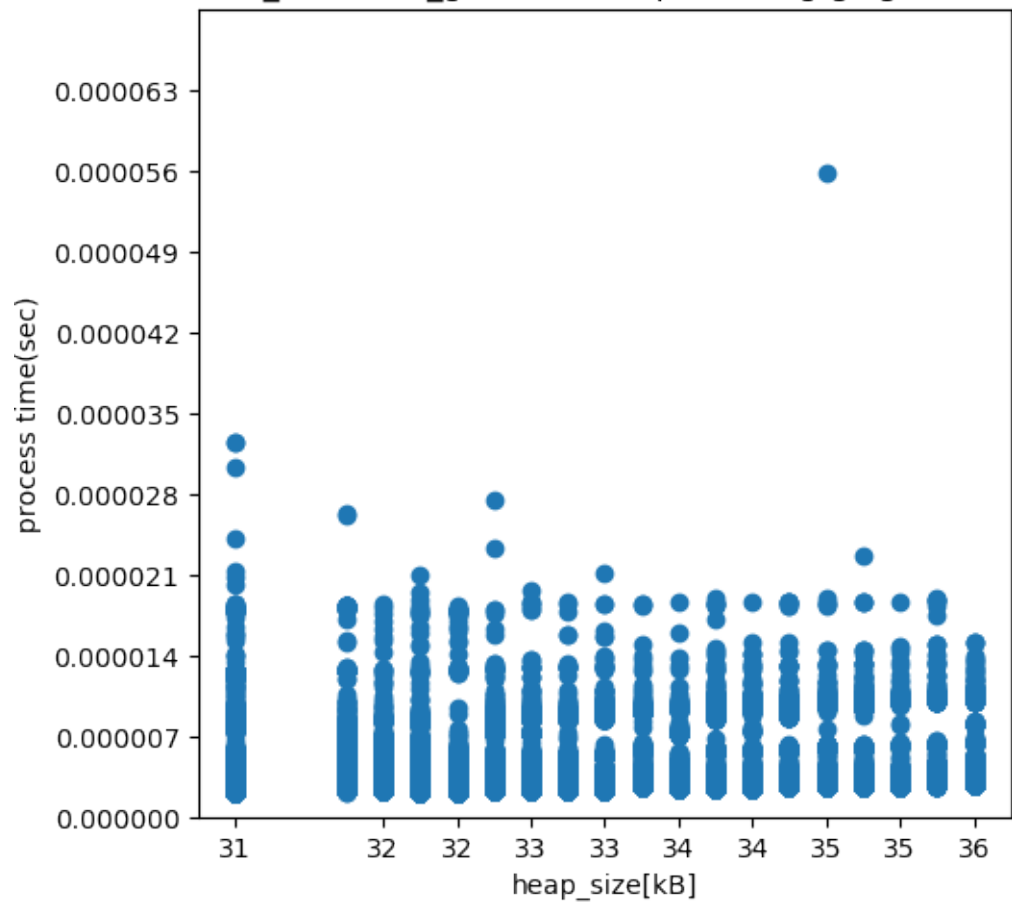
bm_fannkuch_gctime bitmap-marking-gc mark time



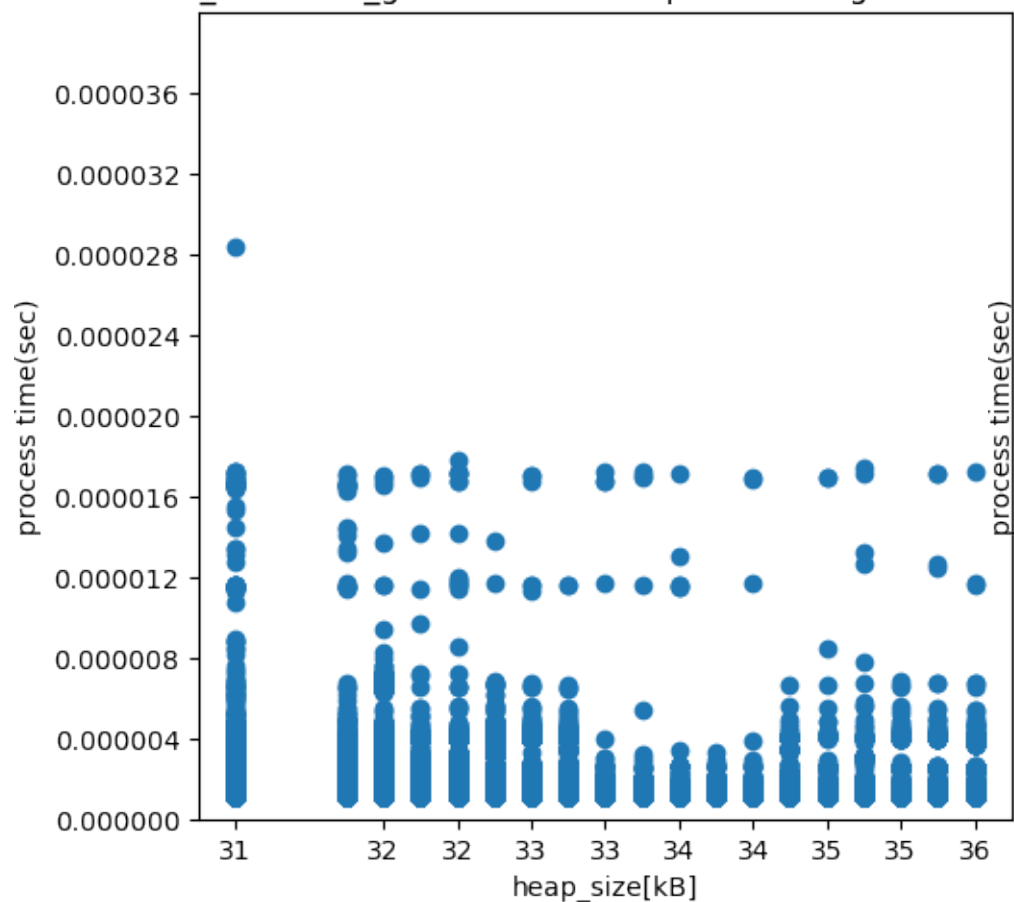
bm_fannkuch_gctime bitmap-marking-gc sweep time



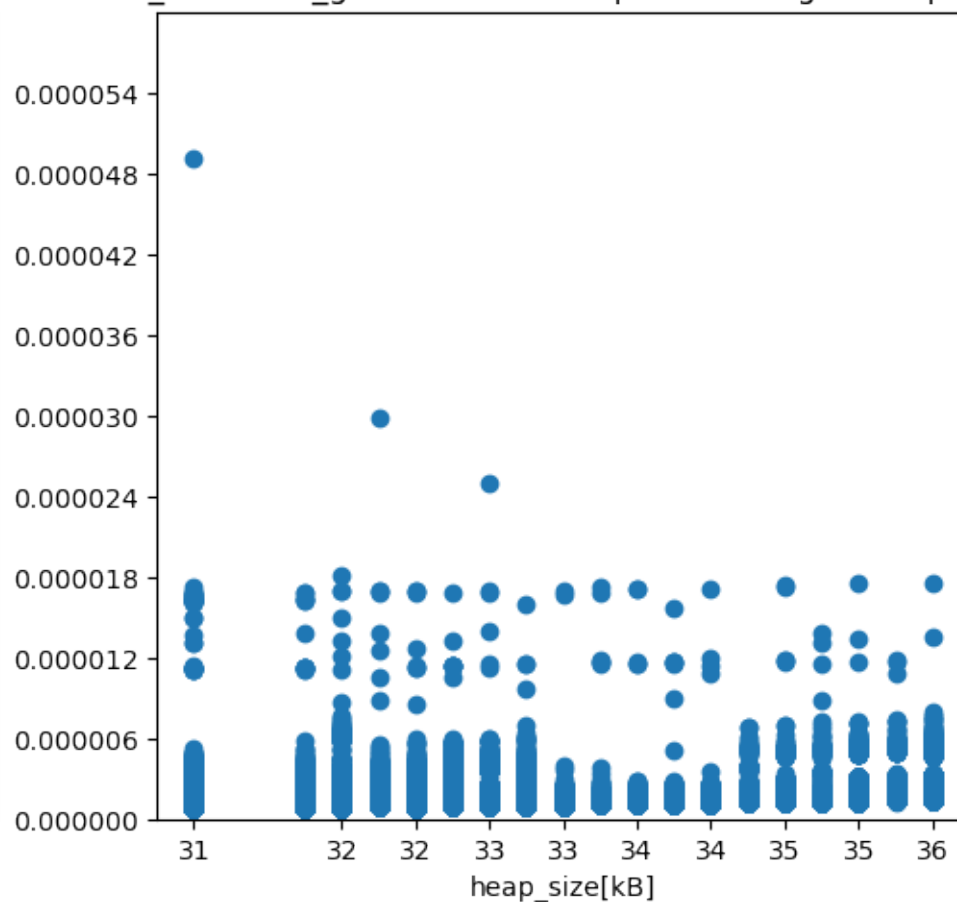
bm_fannkuch_gctime bitmap-marking-gc gc time



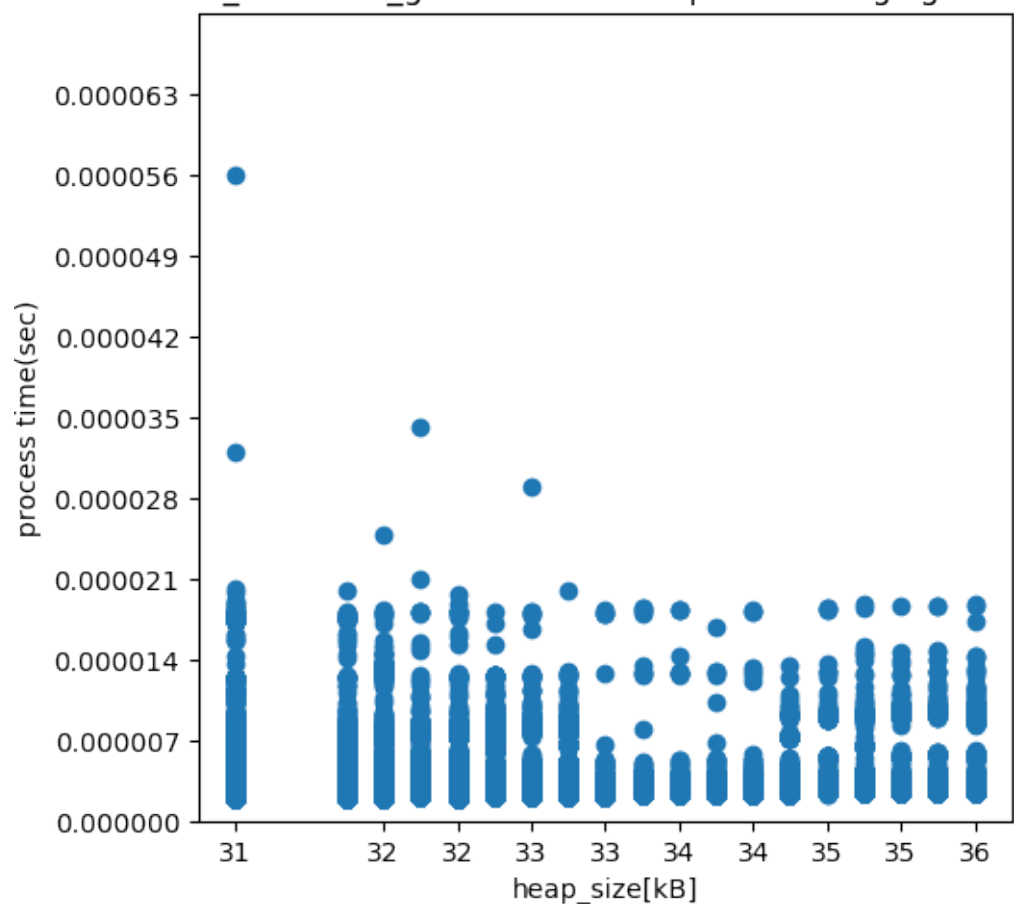
bm_fannkuch_gctime markswEEP-measure-gc mark time

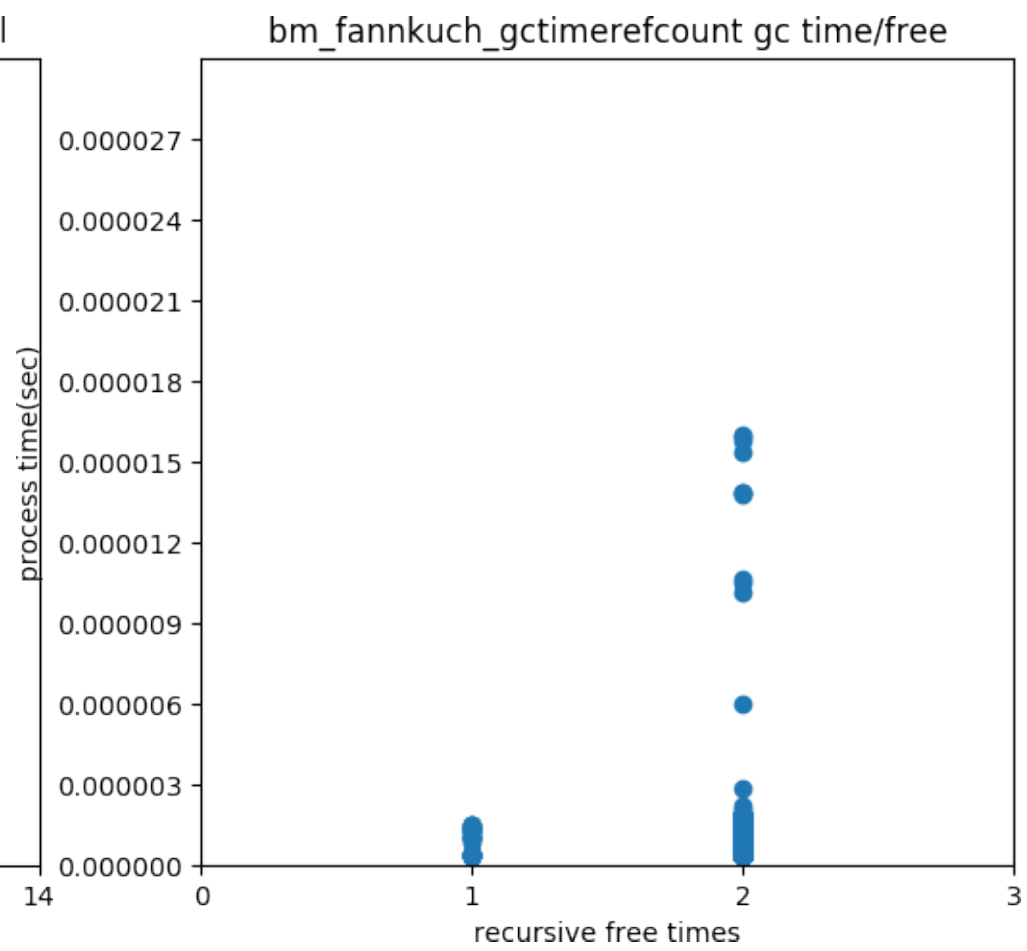
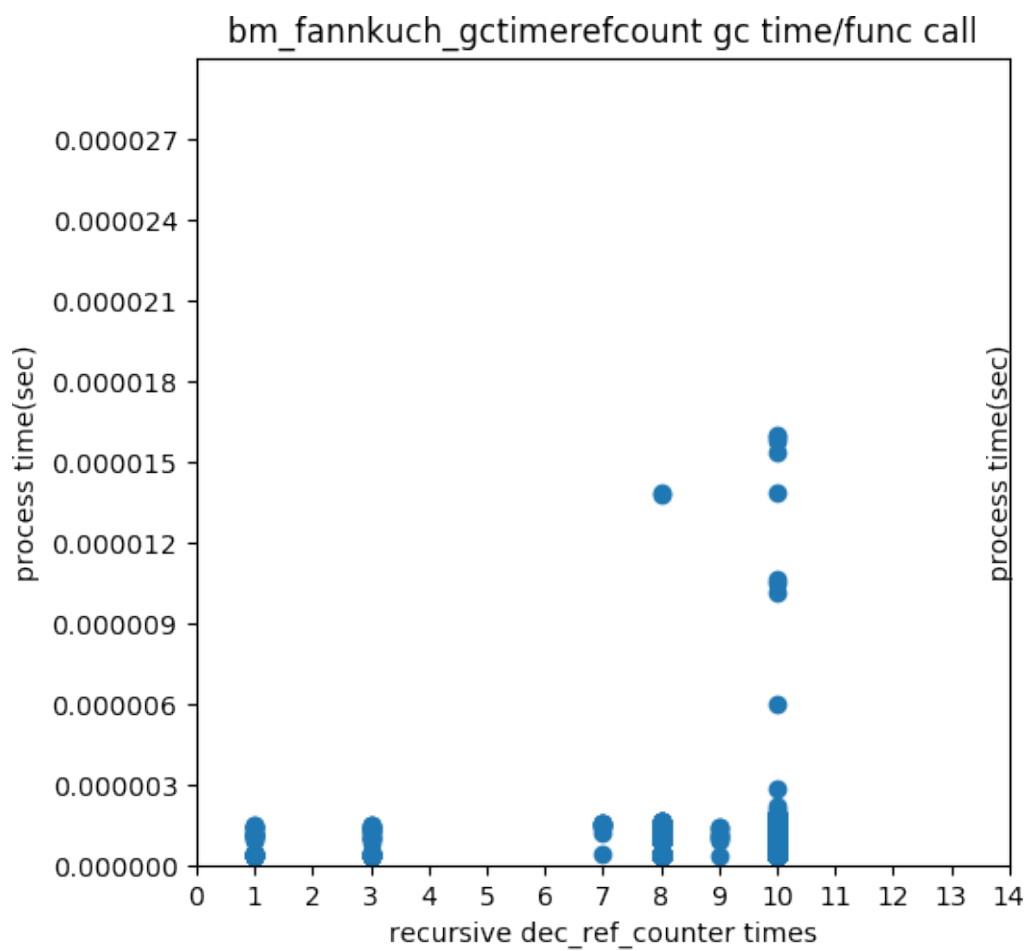


bm_fannkuch_gctime markswEEP-measure-gc sweep time

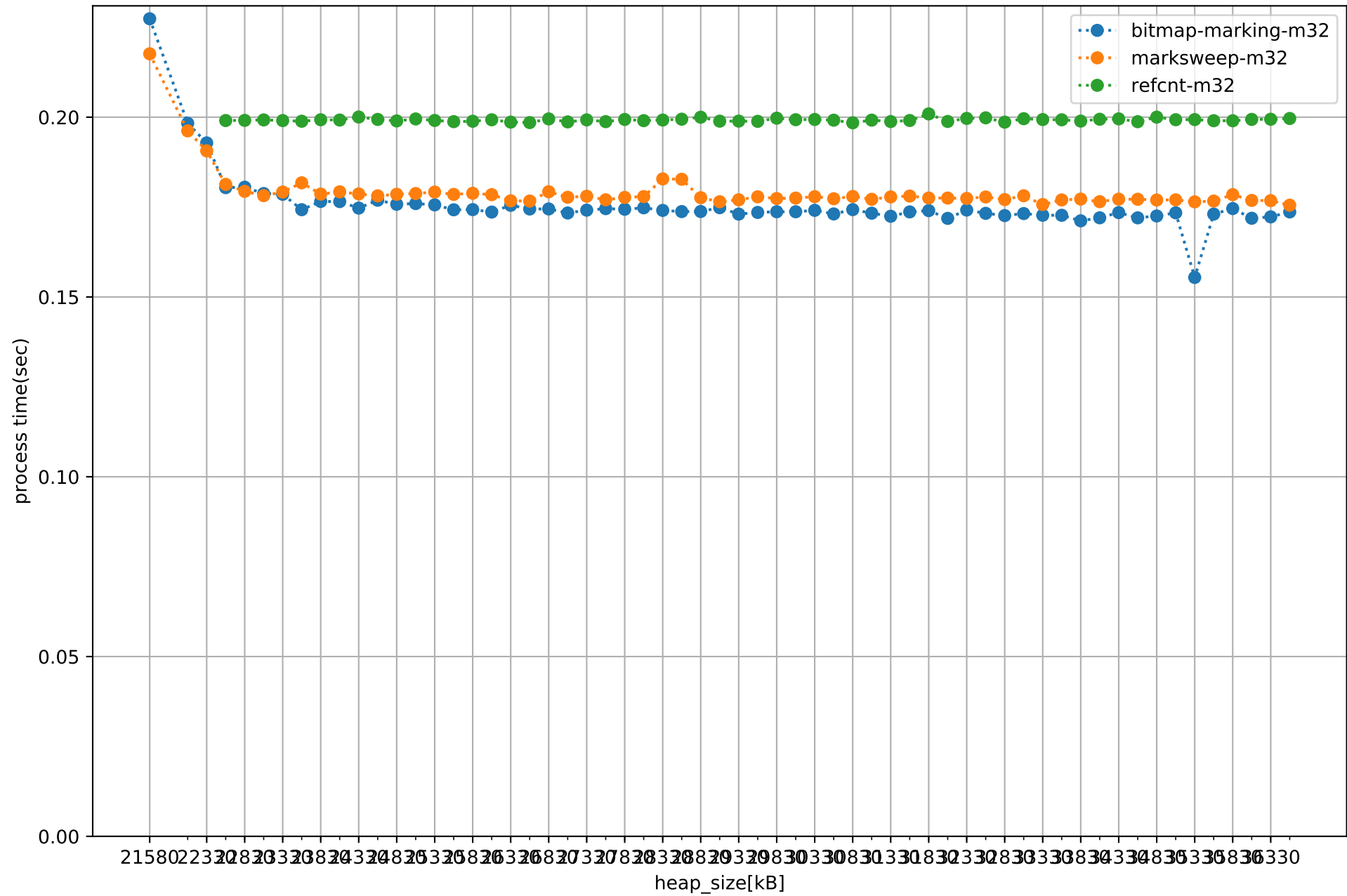


bm_fannkuch_gctime markswEEP-measure-gc gc time

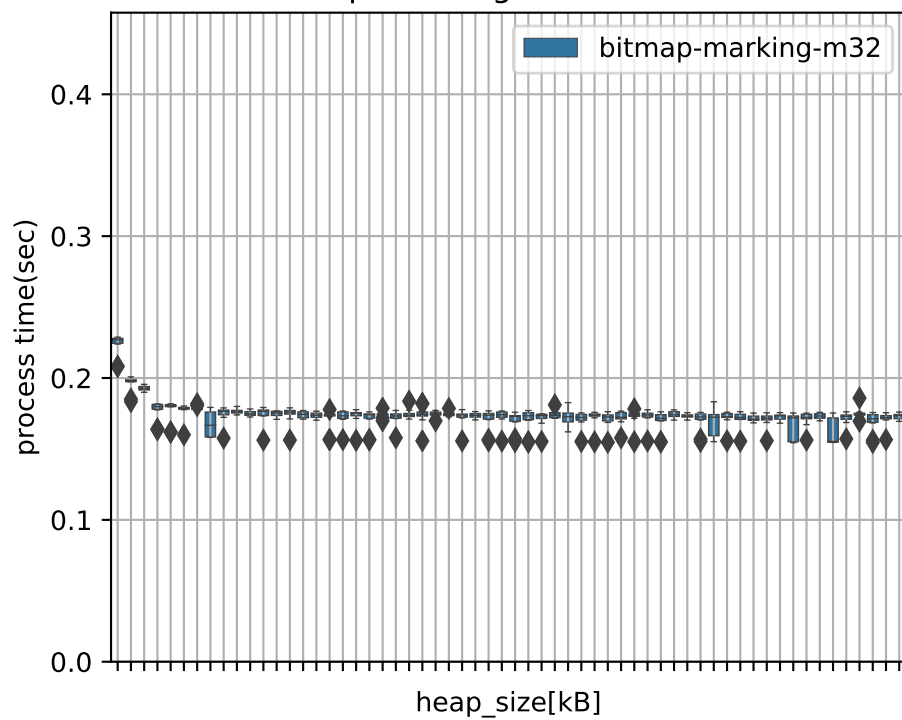




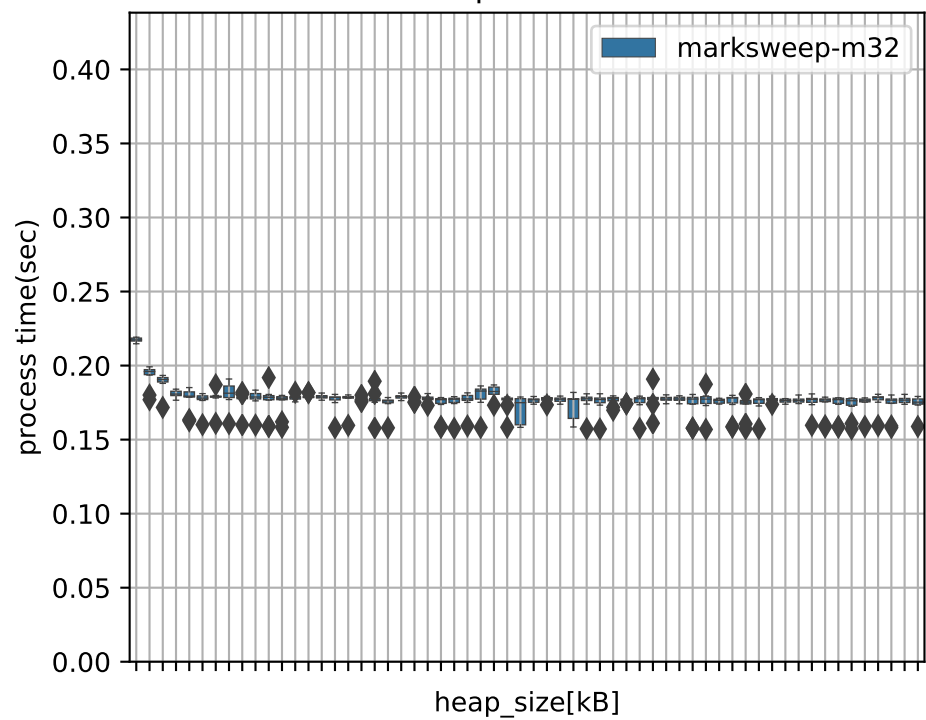
bm_fannkuch_m32



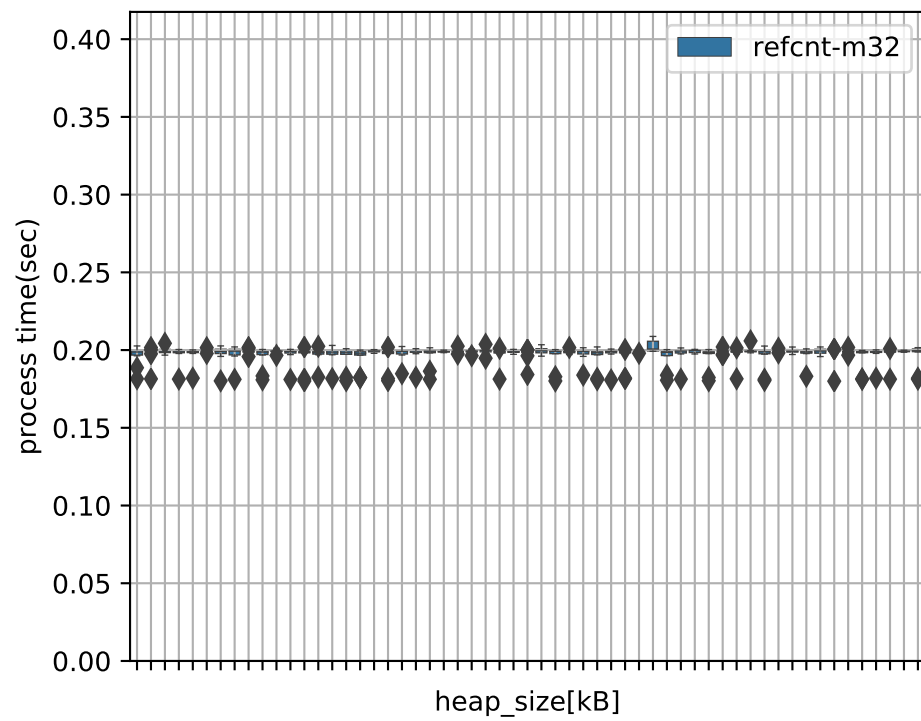
bitmap-marking-m32 total time



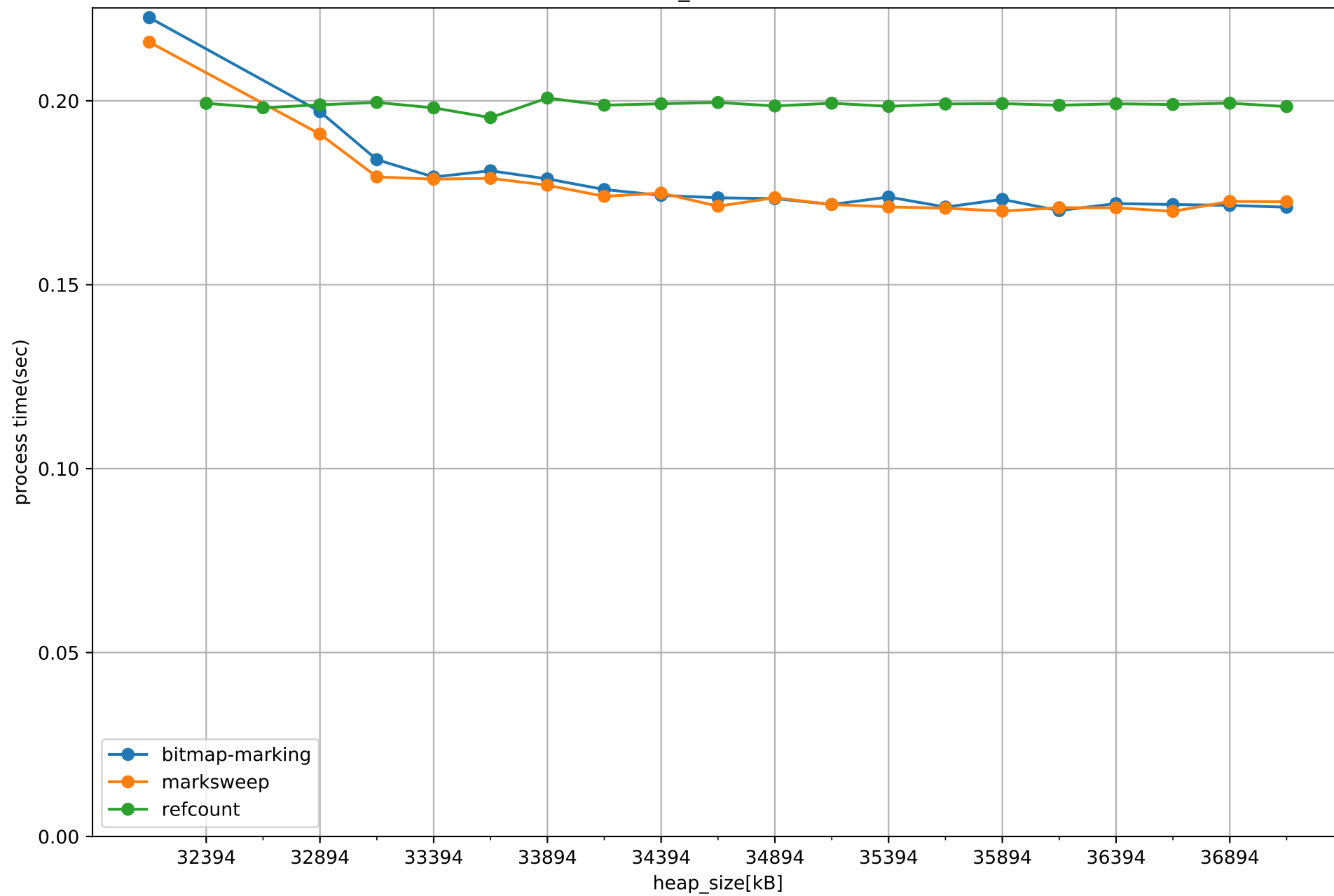
marksweep-m32 total time



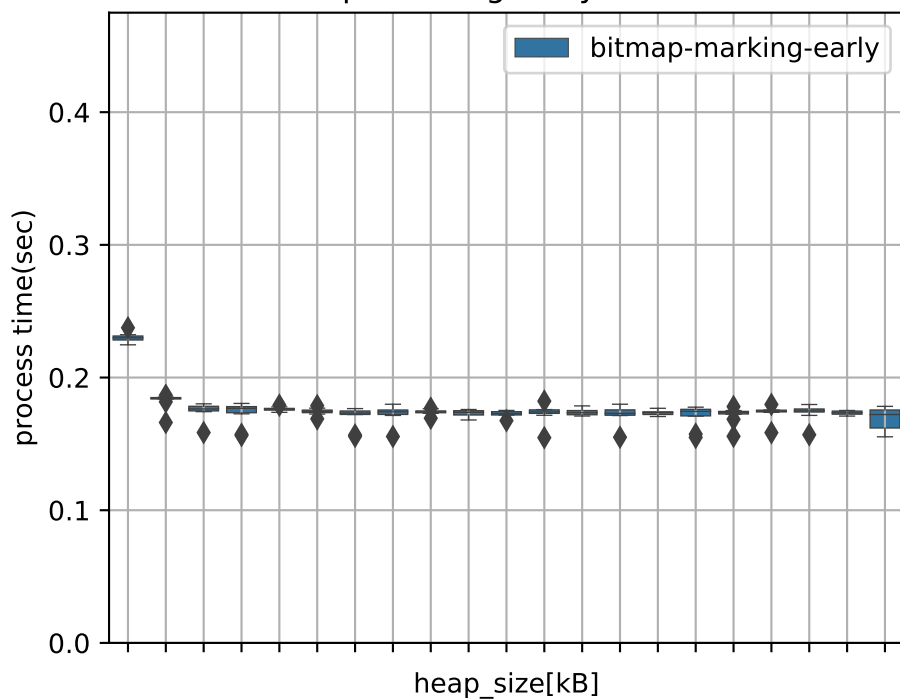
refcnt-m32 total time



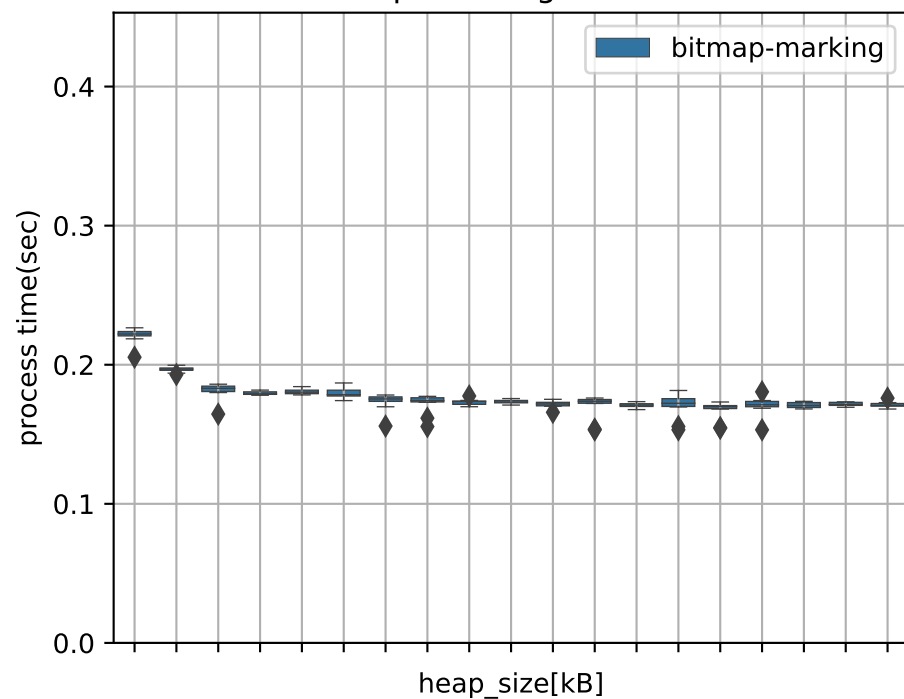
bm_fannkuch



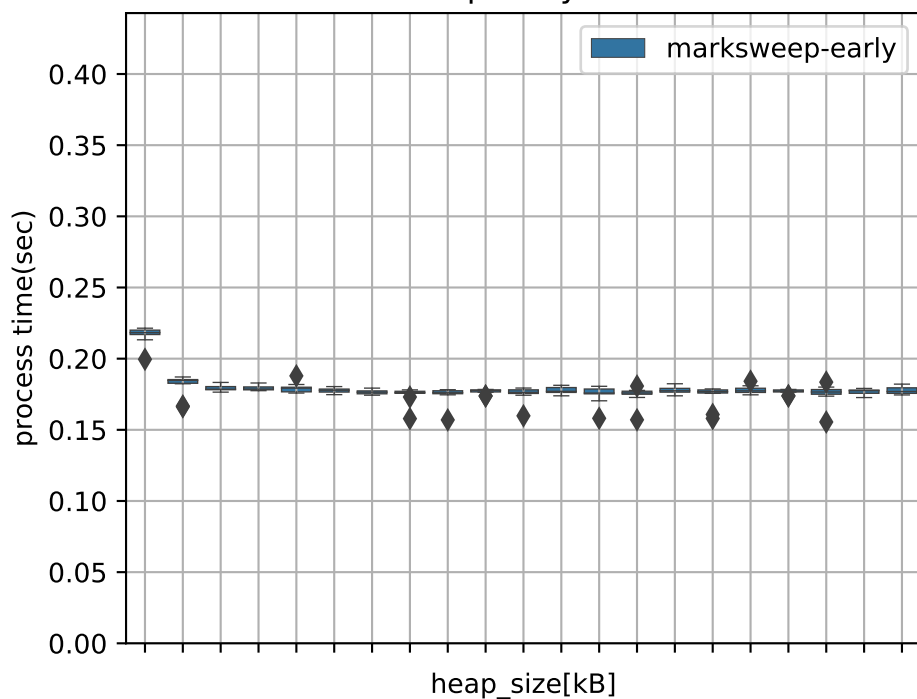
bitmap-marking-early total time



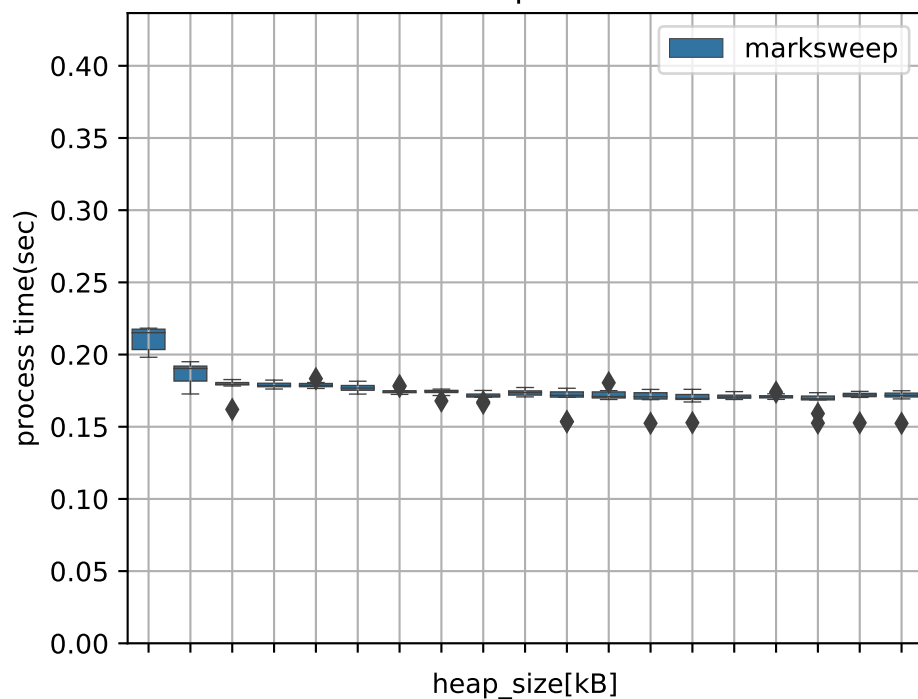
bitmap-marking total time



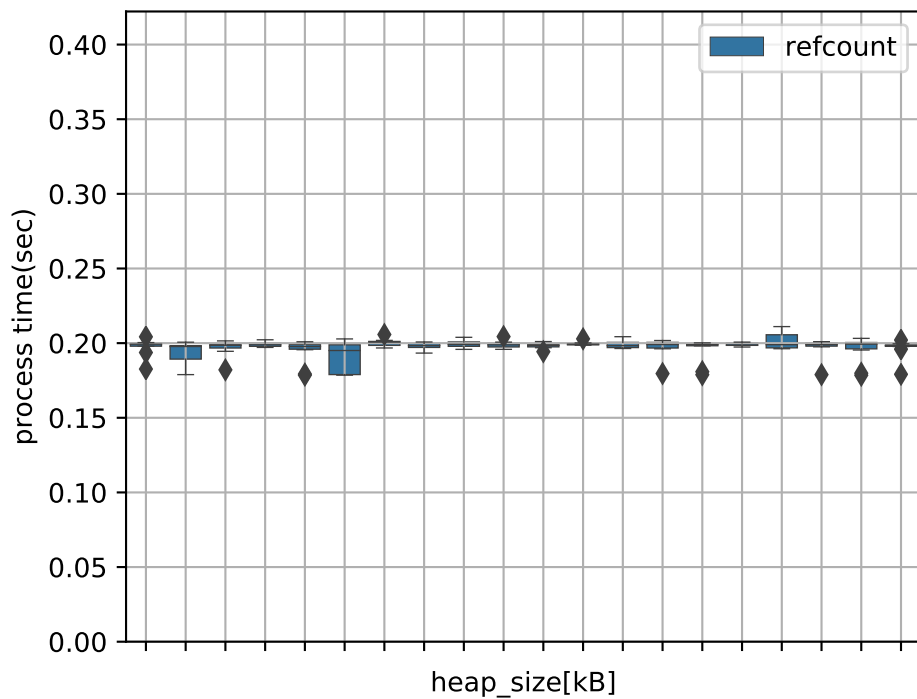
marksweep-early total time



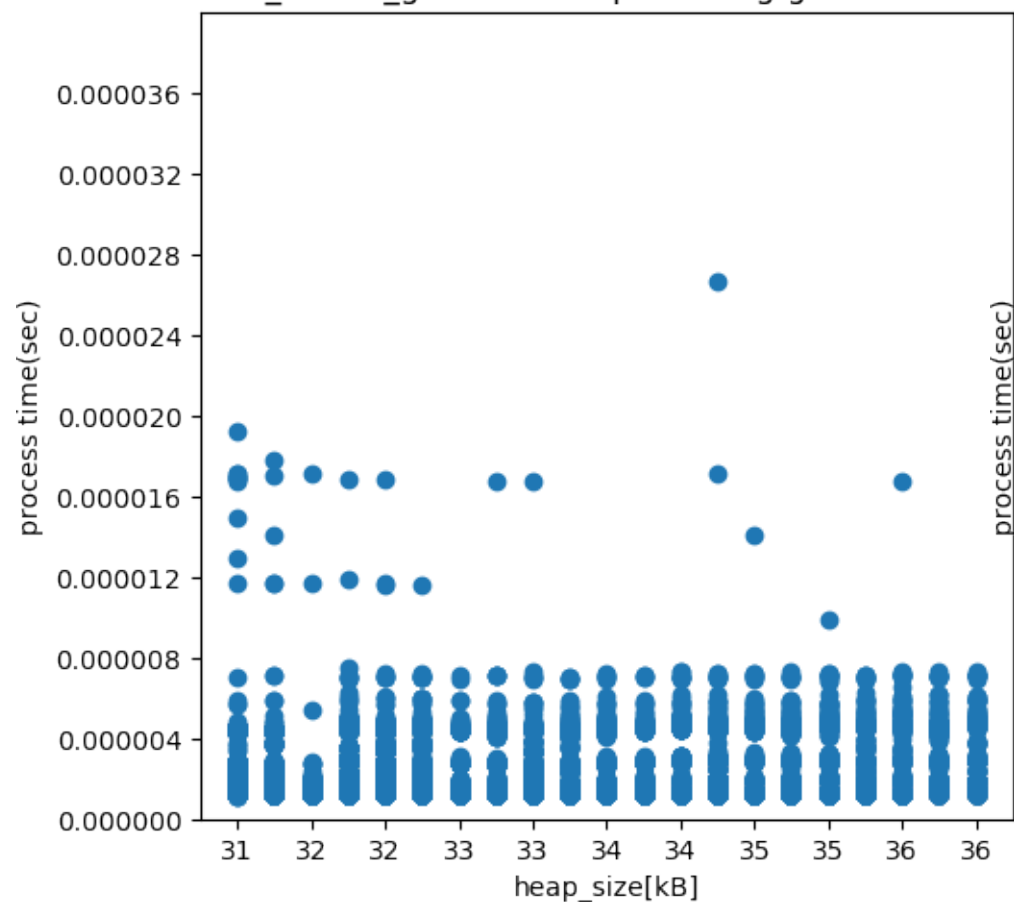
marksweep total time



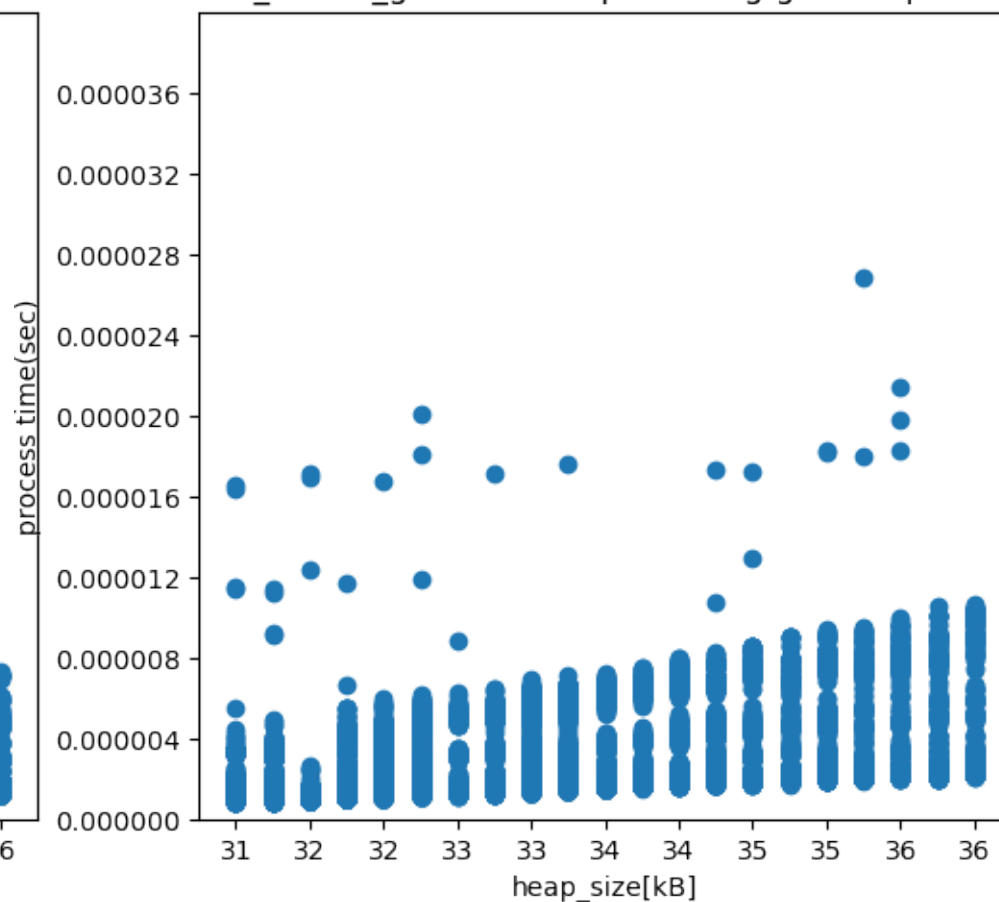
refcount total time



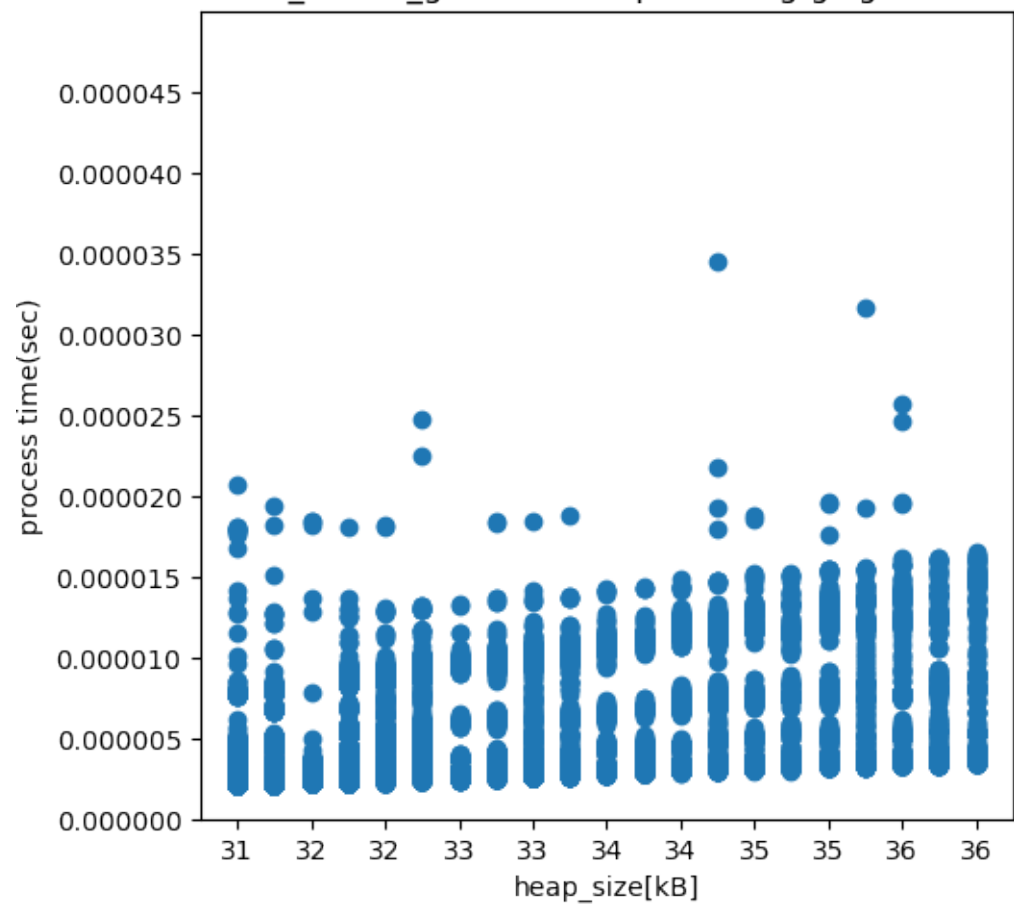
bm_fractal_gctime bitmap-marking-gc mark time



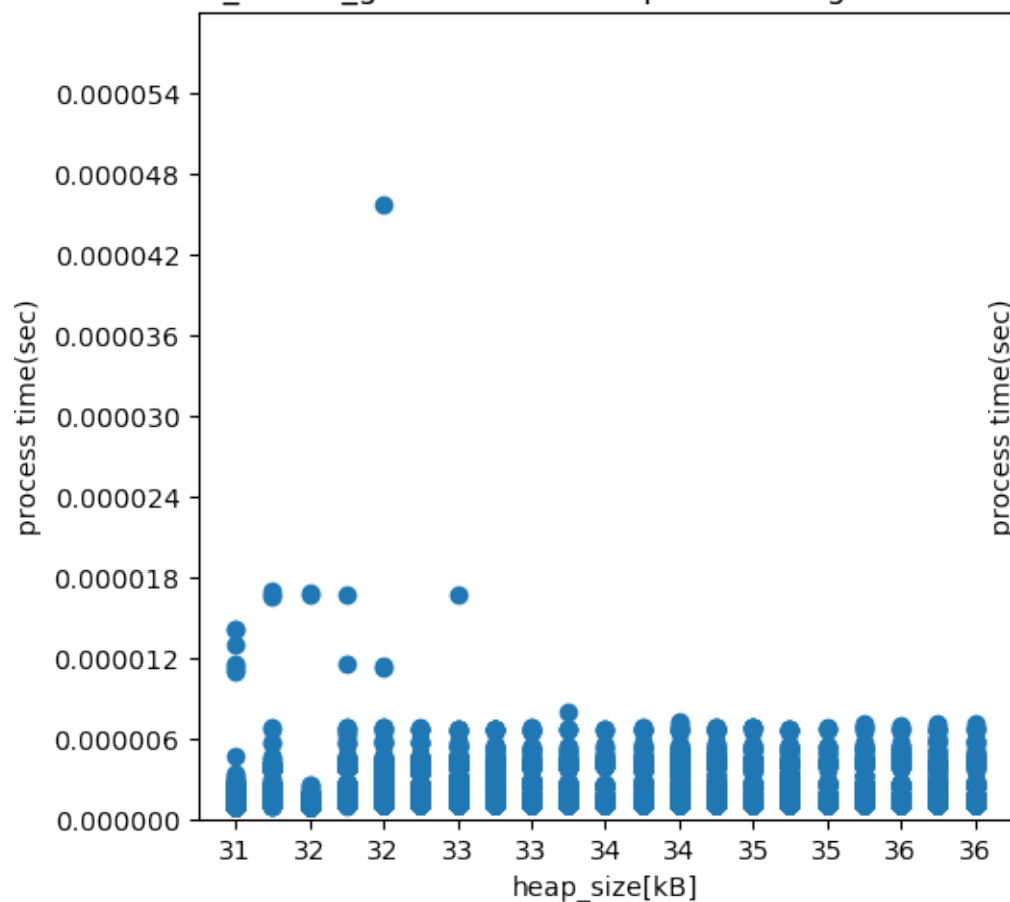
bm_fractal_gctime bitmap-marking-gc sweep time



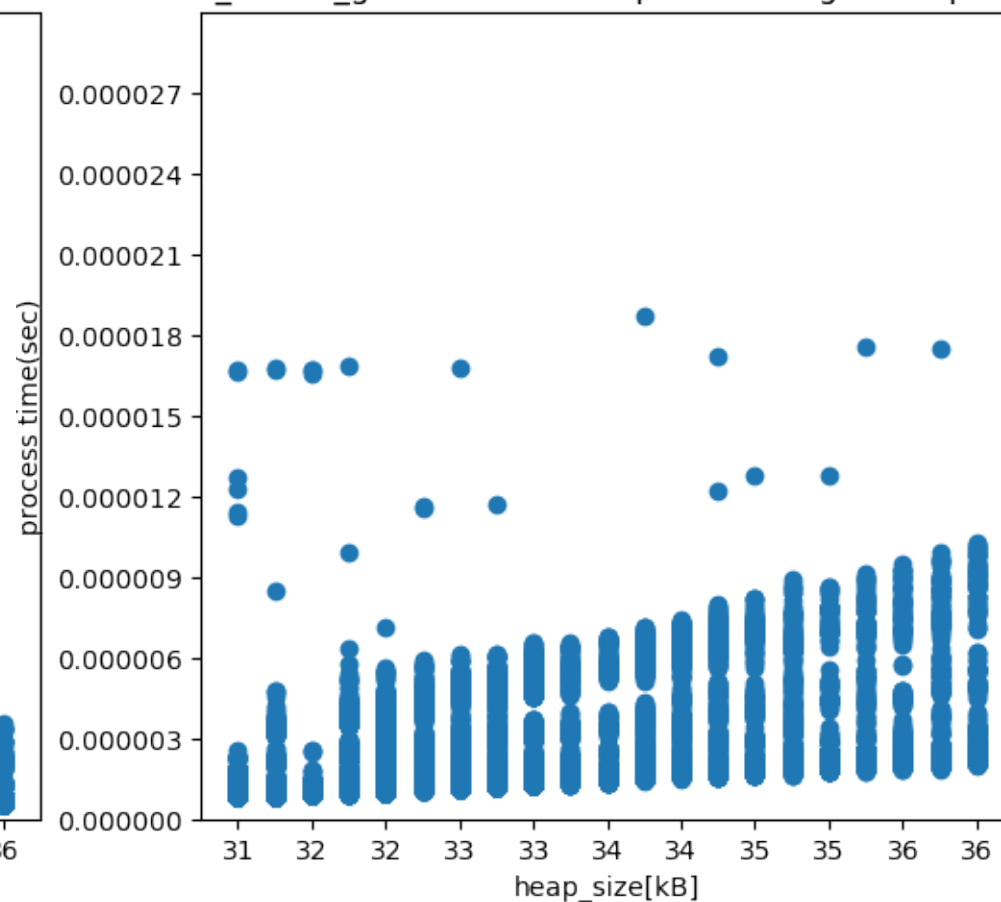
bm_fractal_gctime bitmap-marking-gc gc time



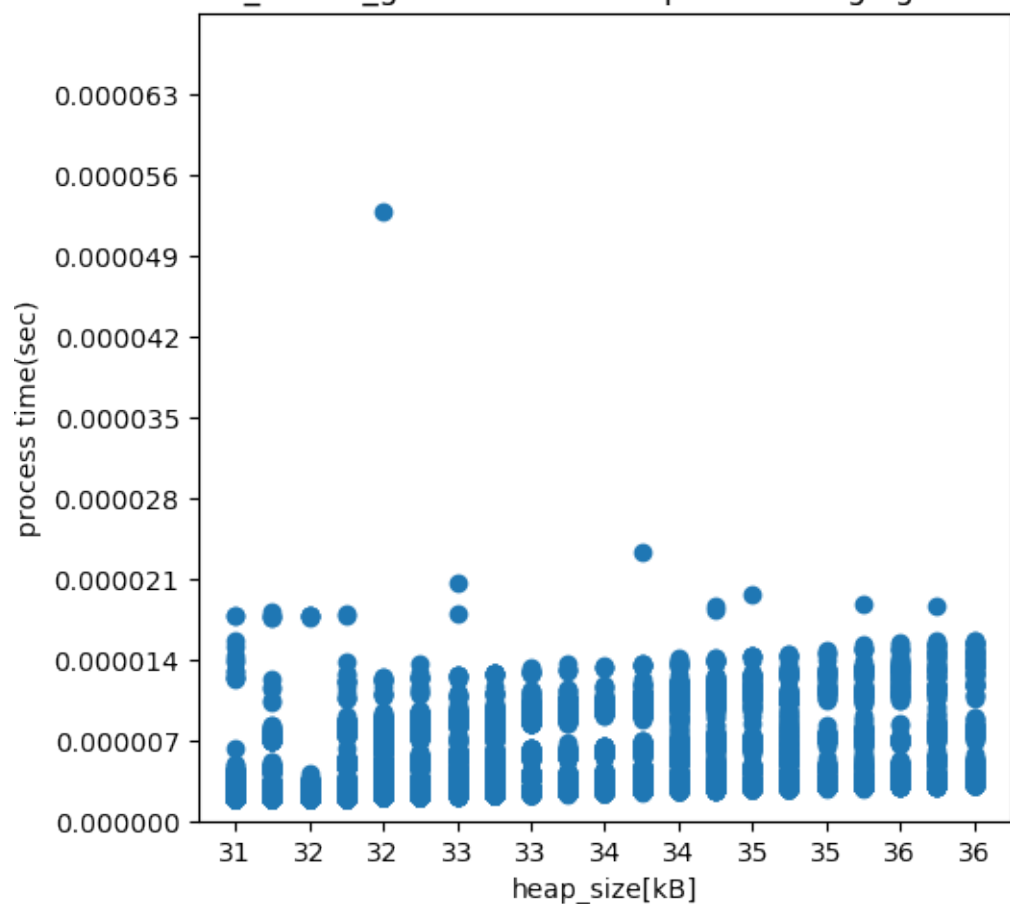
bm_fractal_gctime markswep-measure-gc mark time

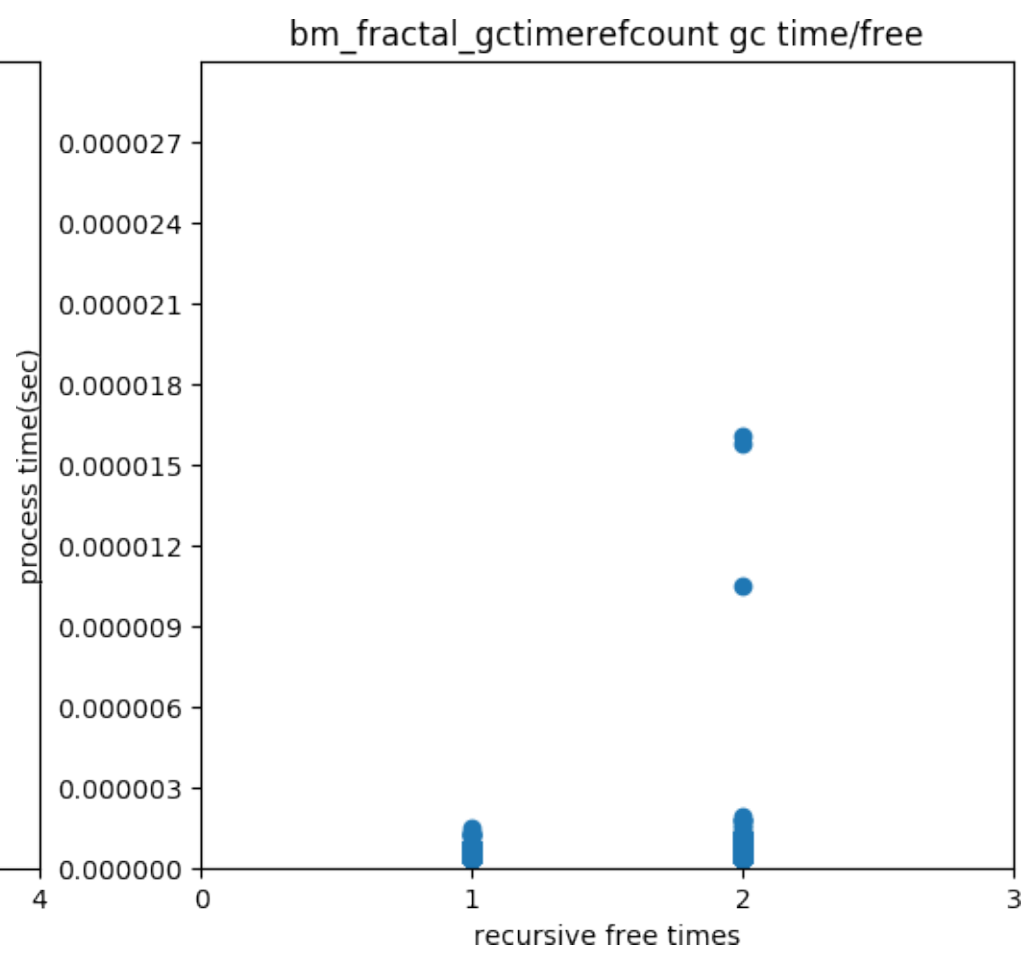
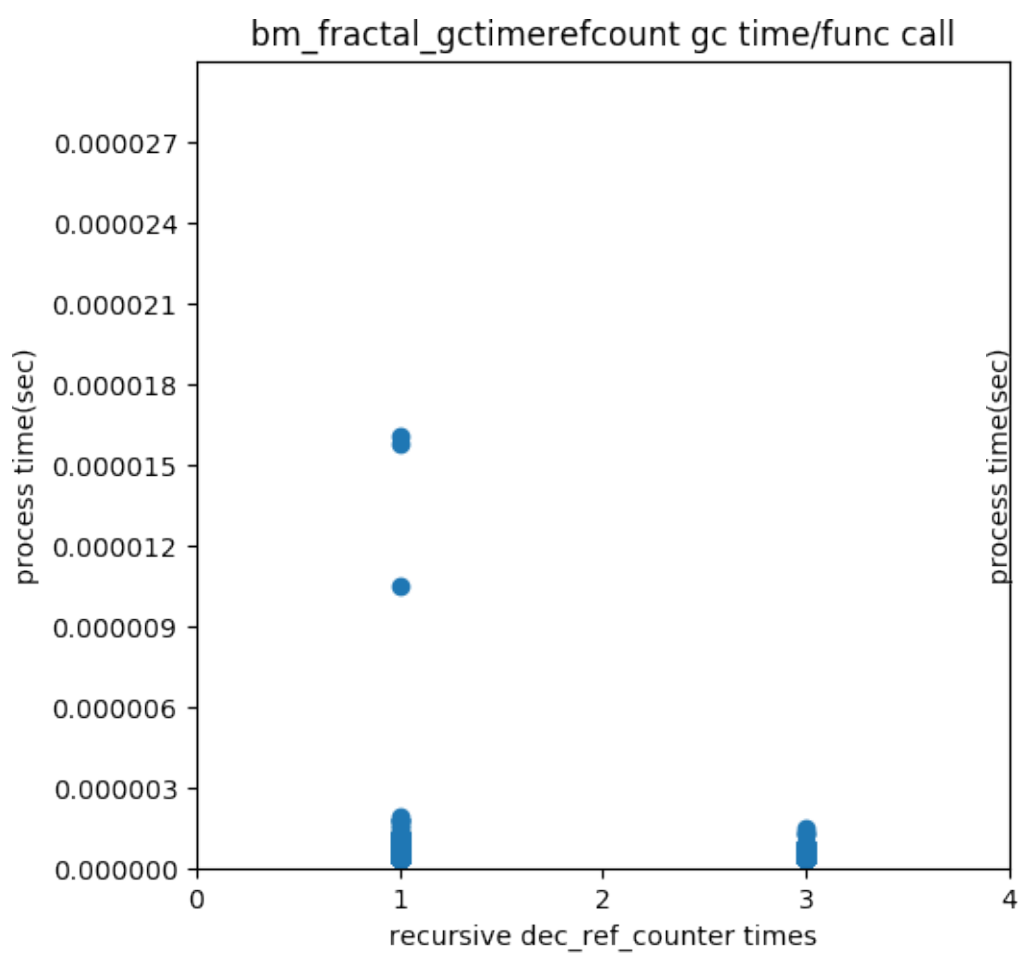


bm_fractal_gctime markswep-measure-gc sweep time

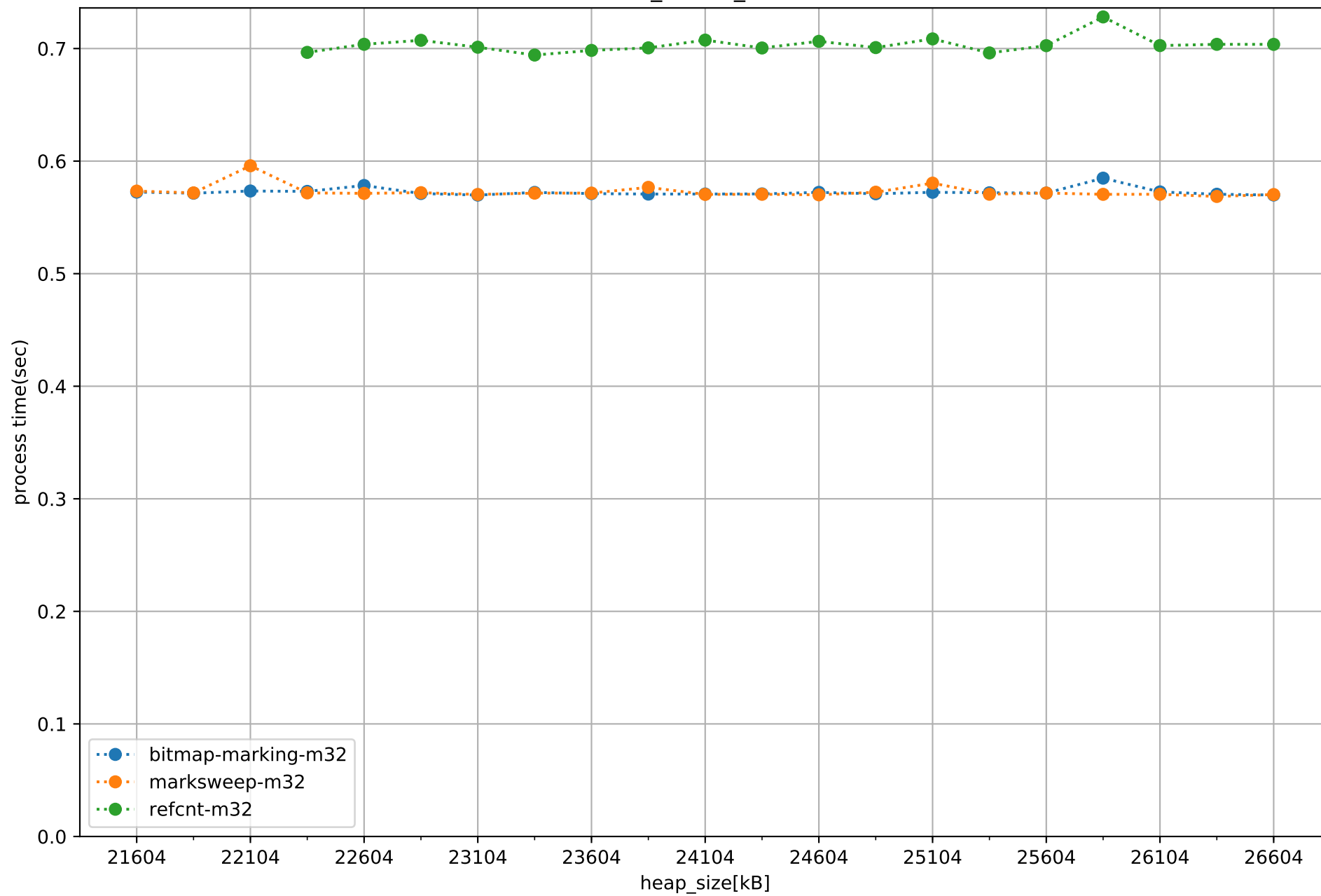


bm_fractal_gctime markswep-measure-gc gc time

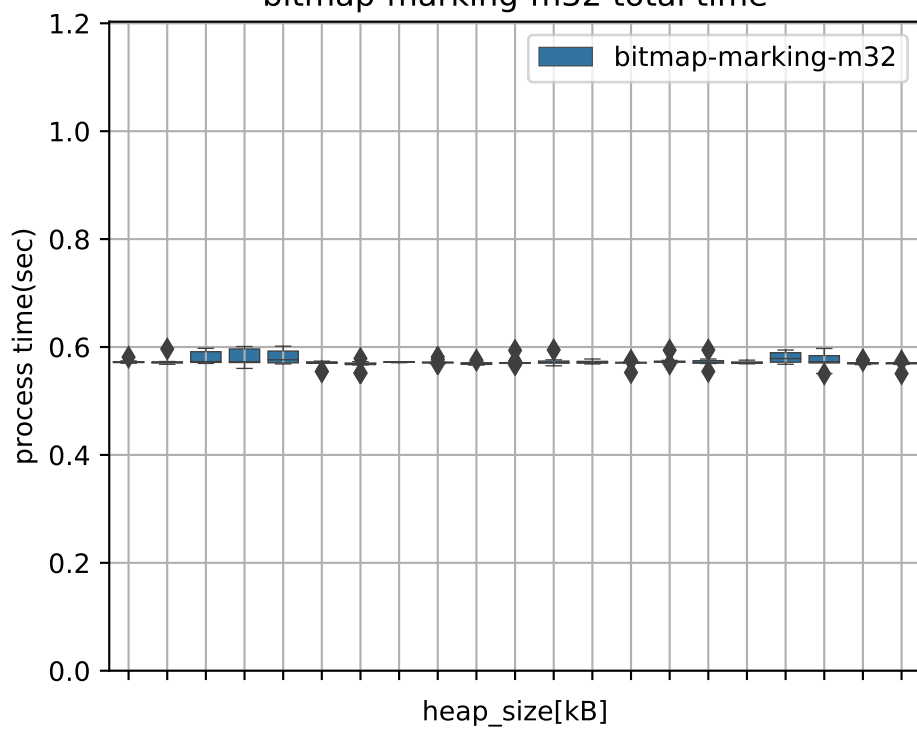




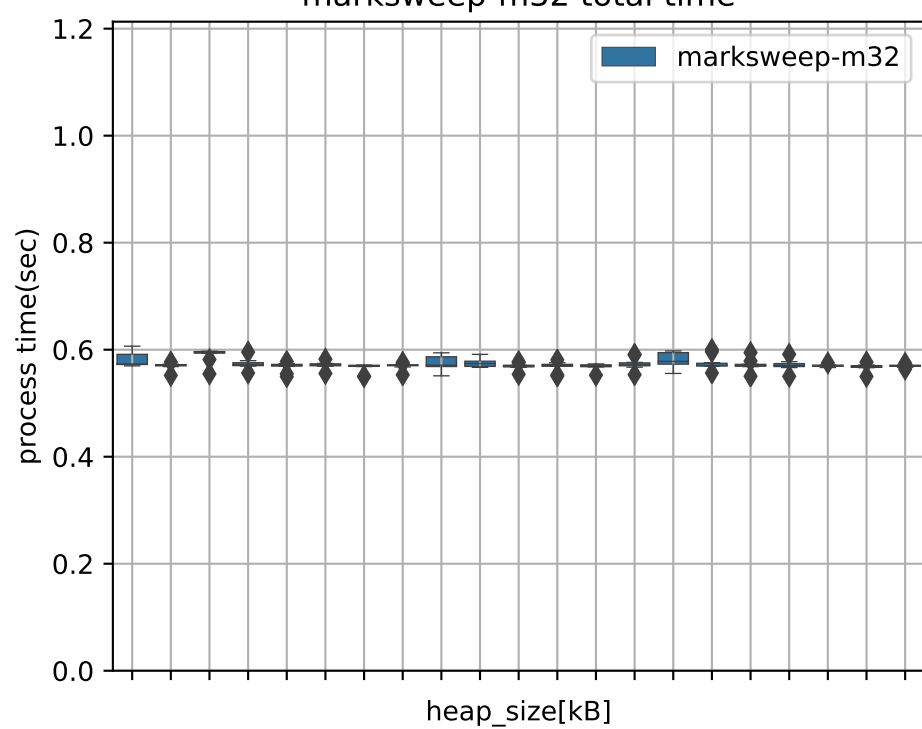
bm_fractal_m32



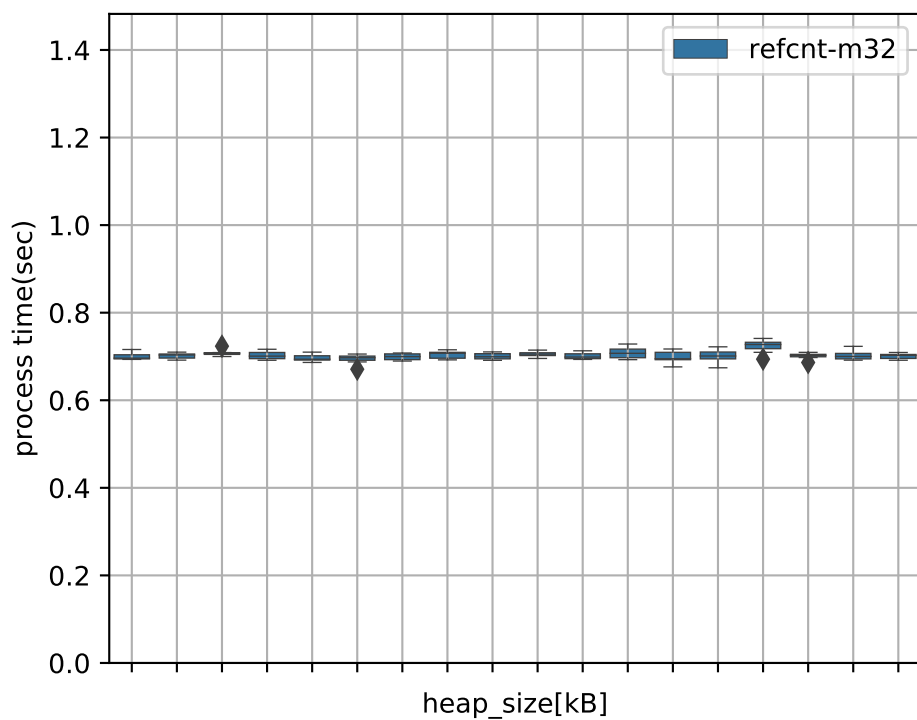
bitmap-marking-m32 total time

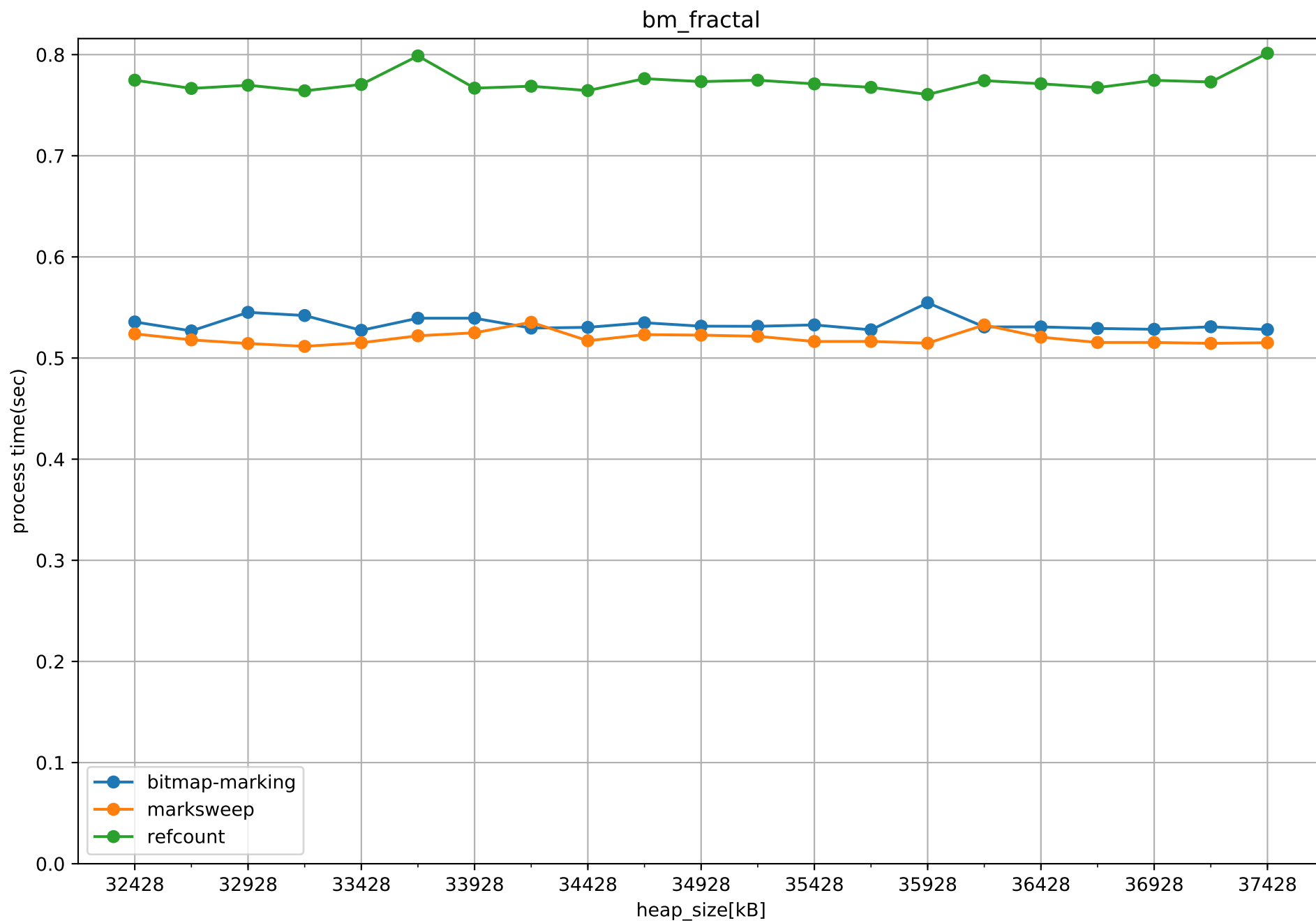


marksweep-m32 total time

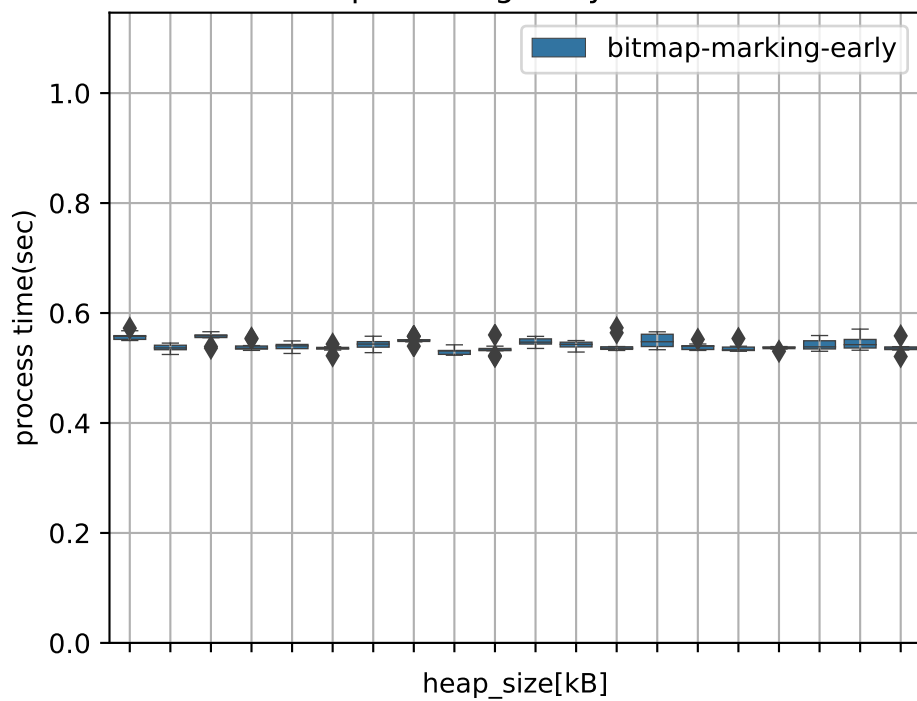


refcnt-m32 total time

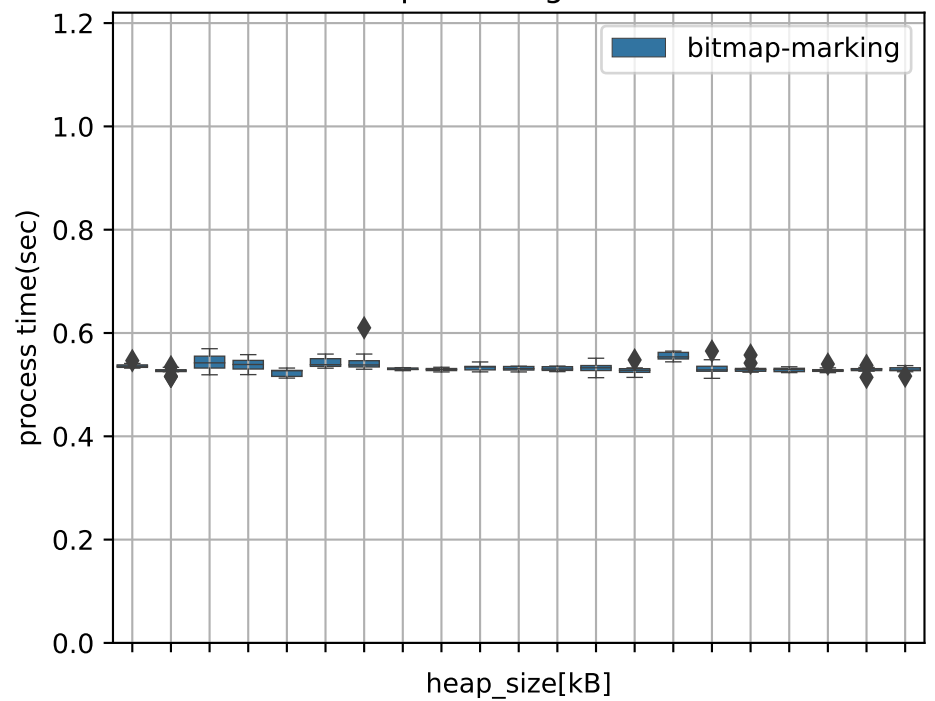




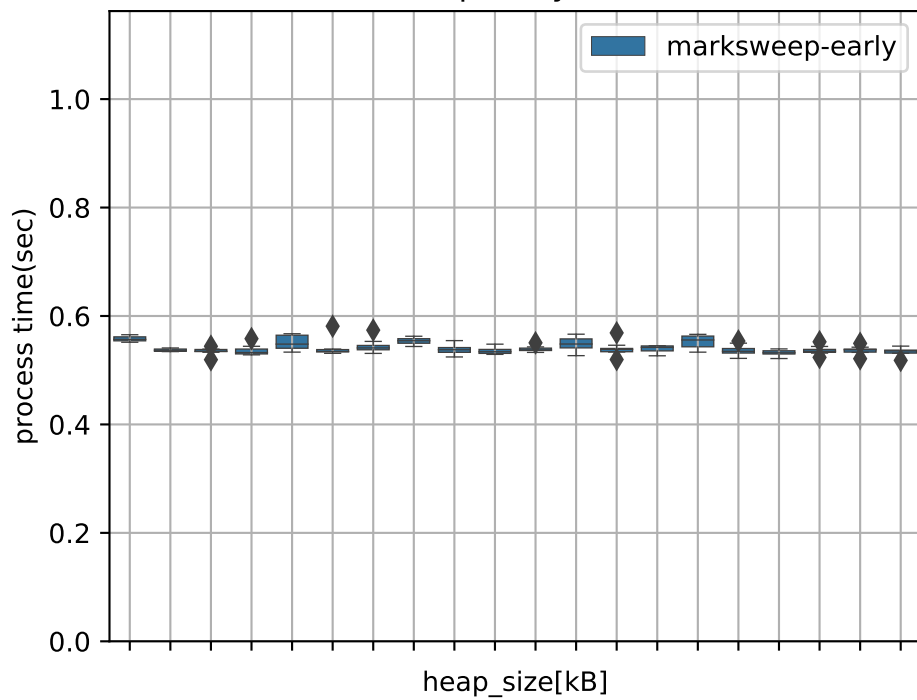
bitmap-marking-early total time



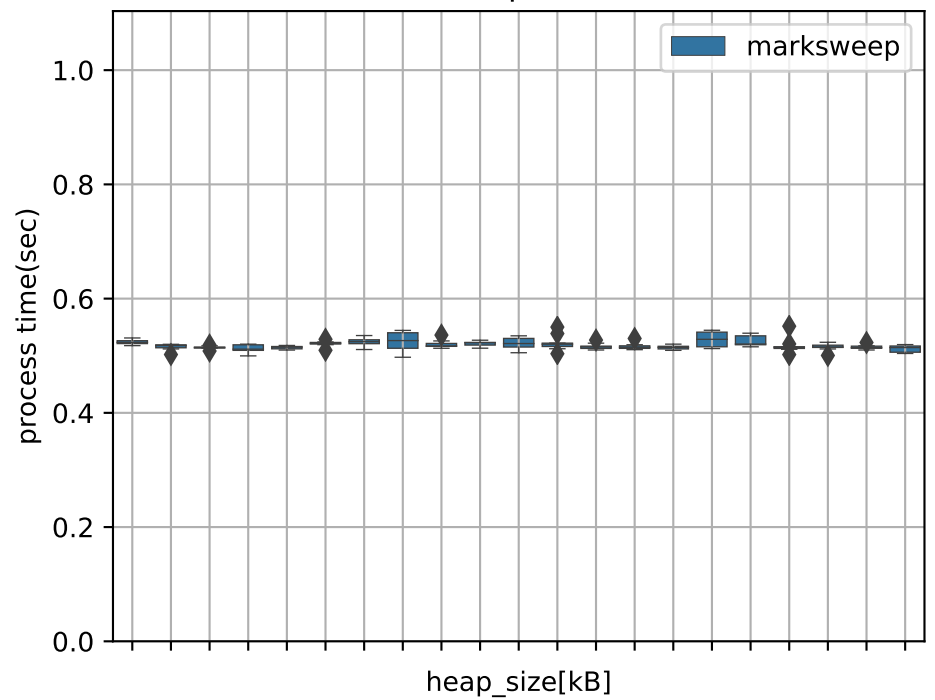
bitmap-marking total time



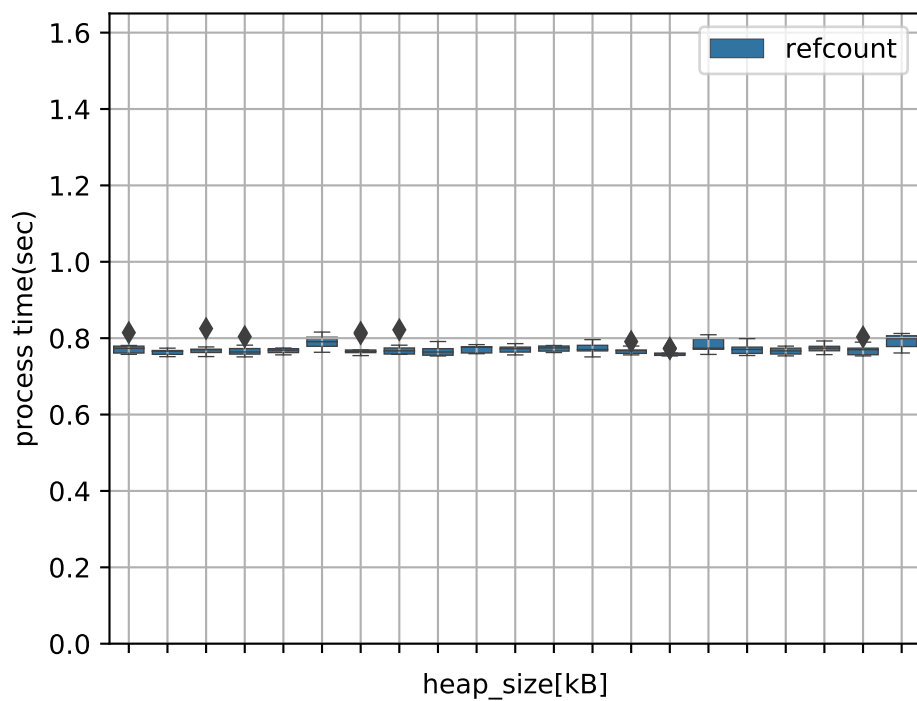
marksweep-early total time



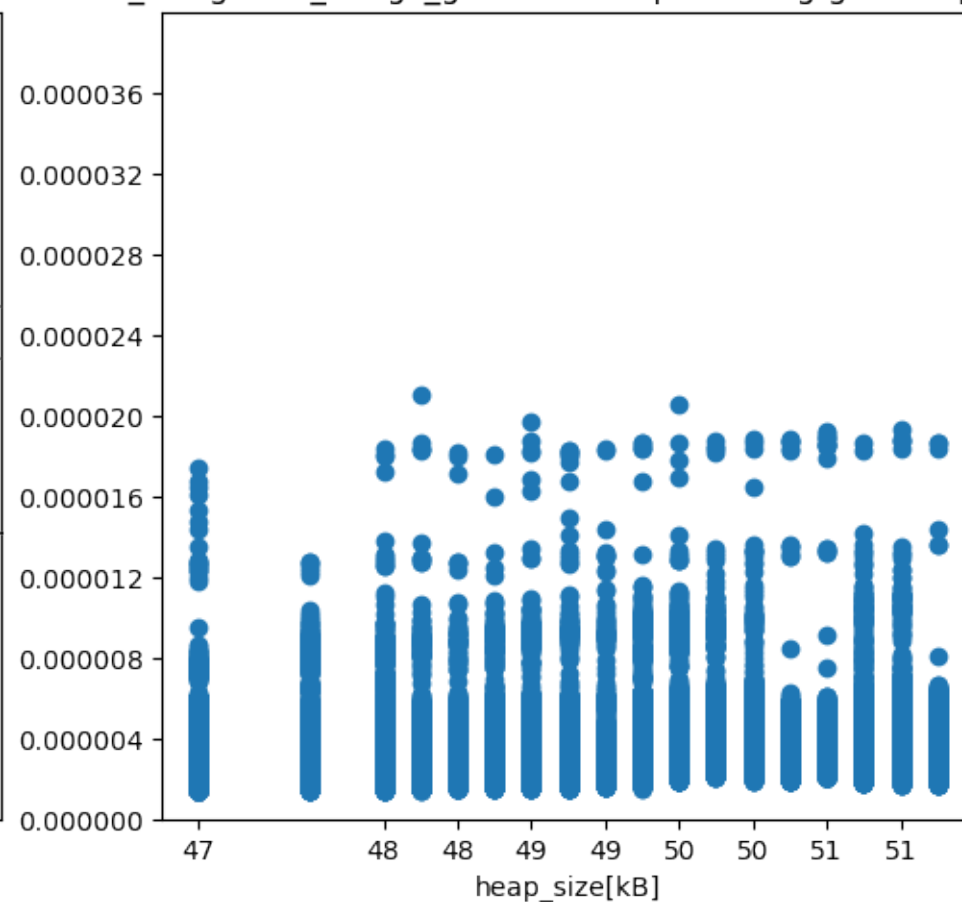
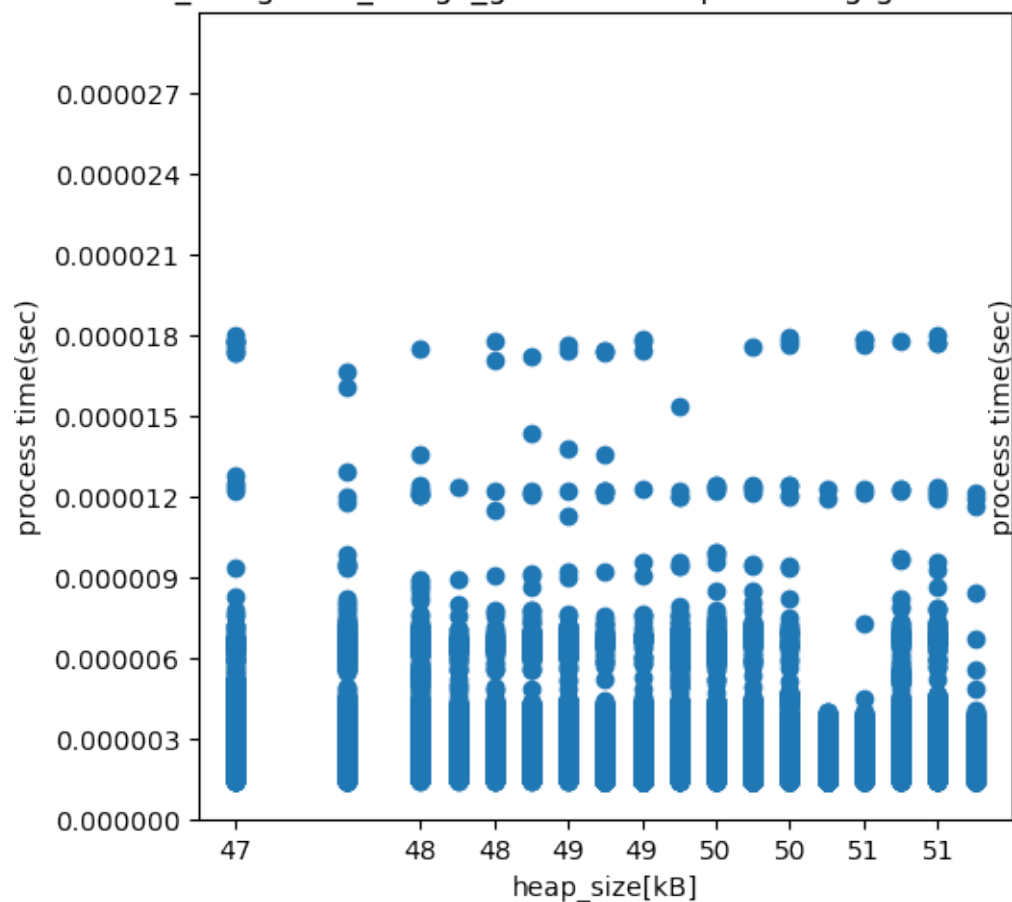
marksweep total time



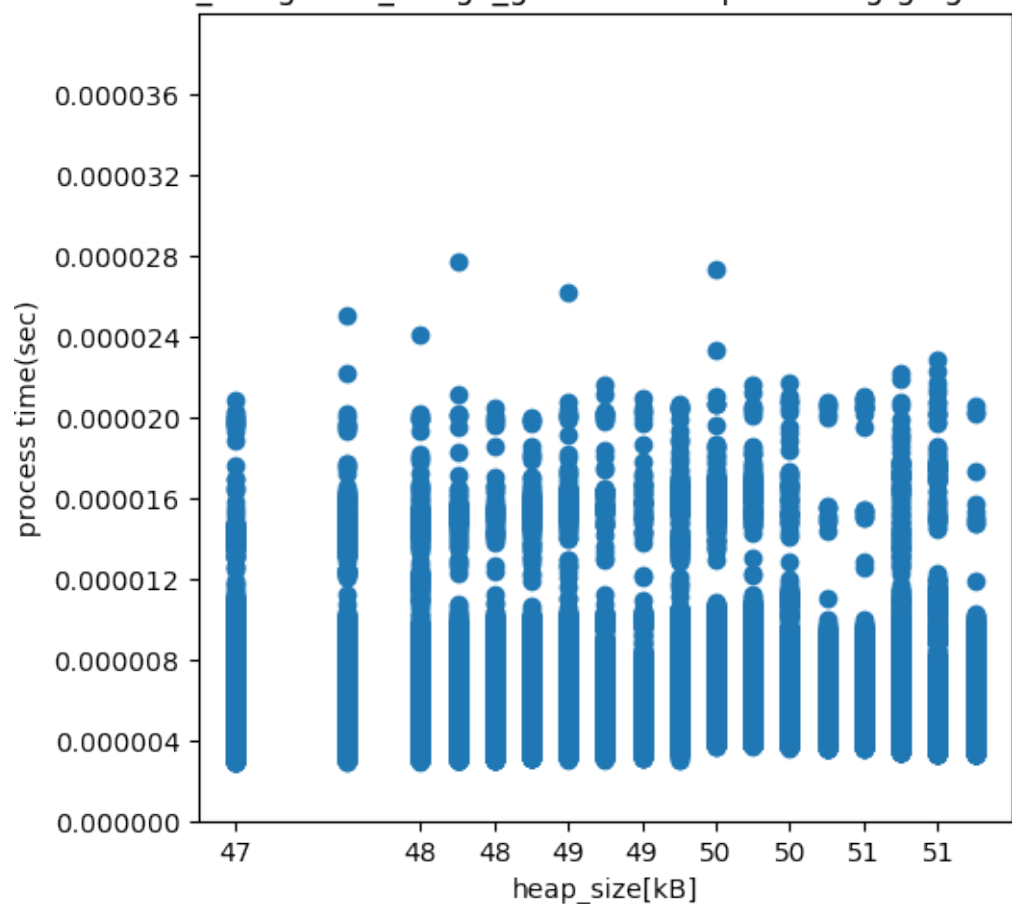
refcount total time



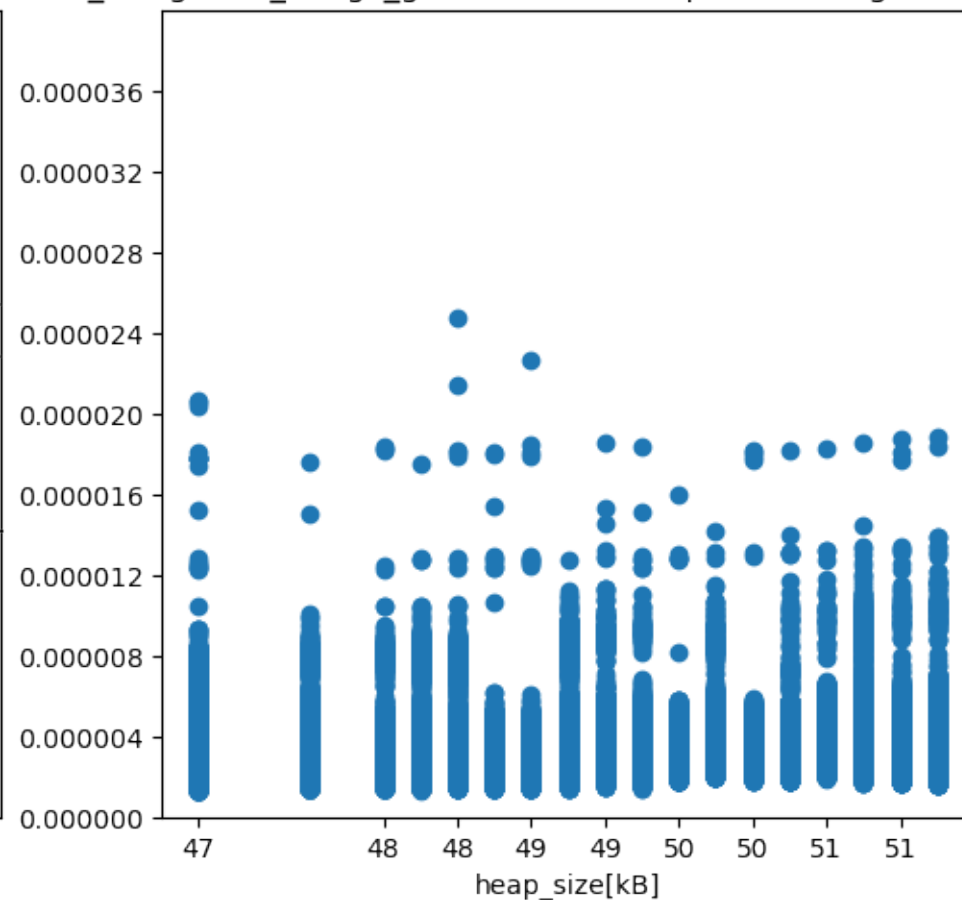
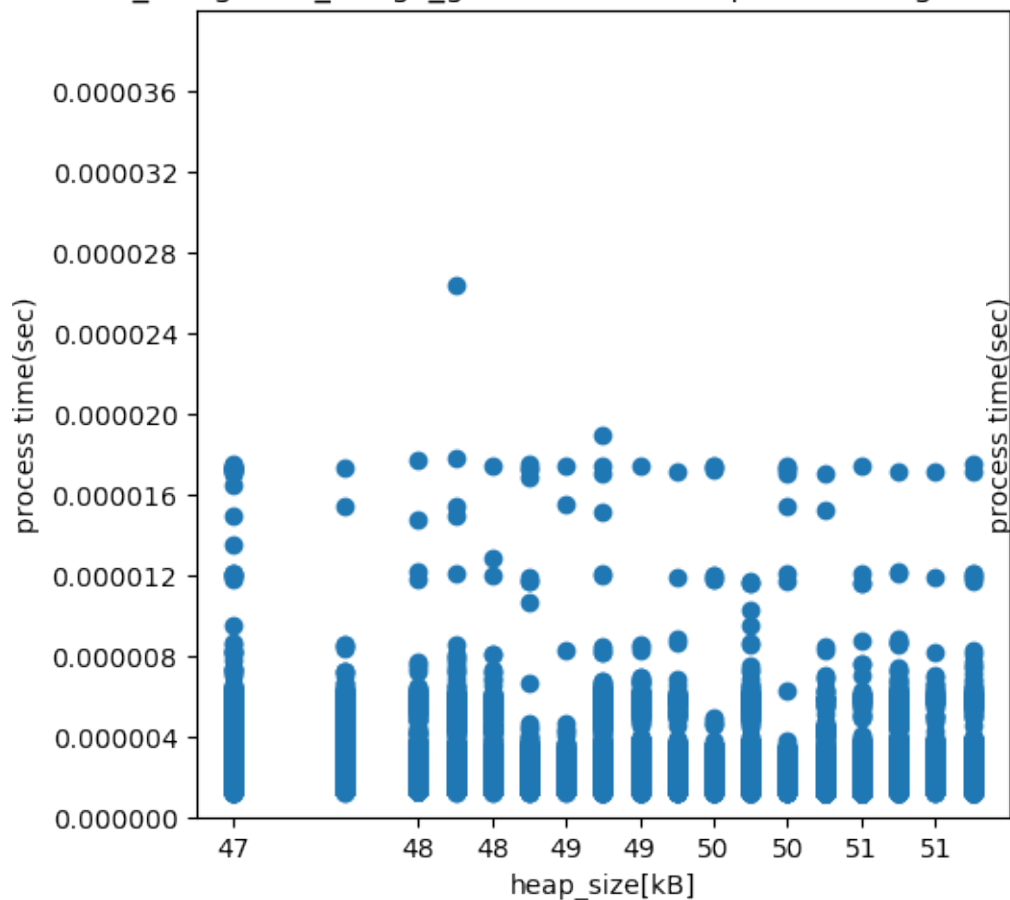
bm_mergesort_hongli_gctime bitmap-marking-gc mark timebm_mergesort_hongli_gctime bitmap-marking-gc sweep time



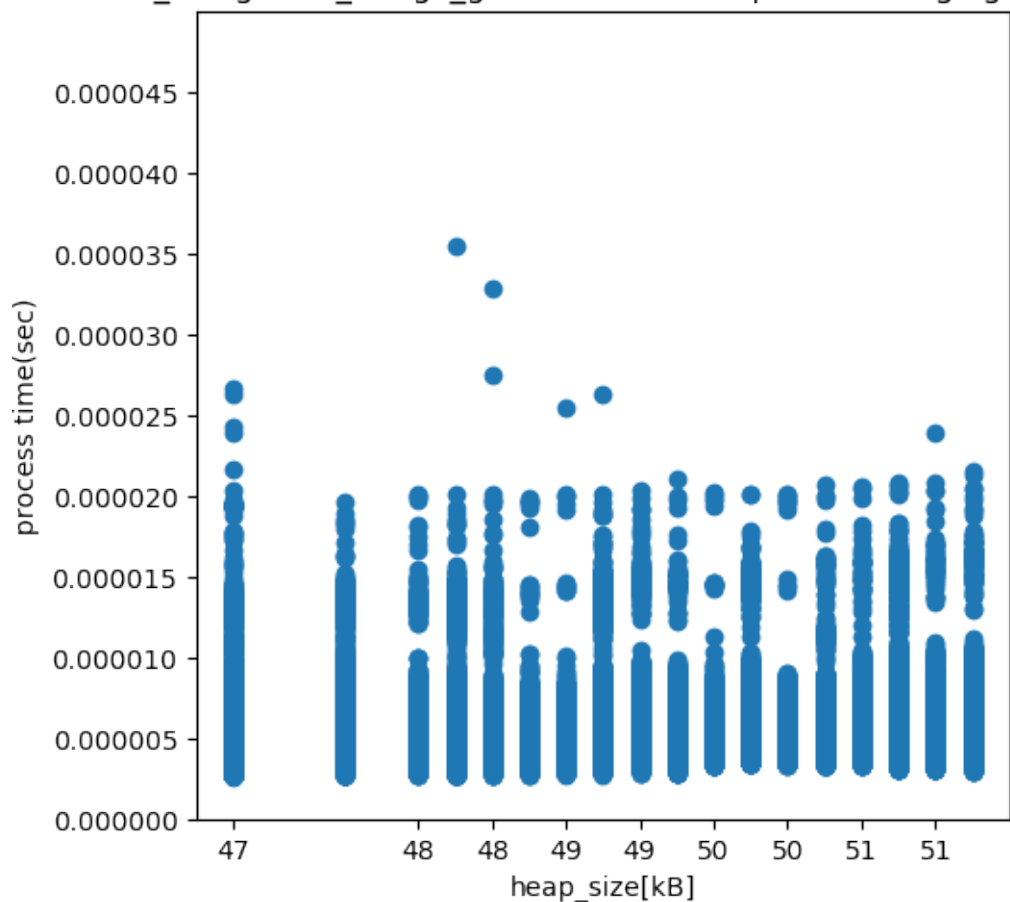
bm_mergesort_hongli_gctime bitmap-marking-gc gc time



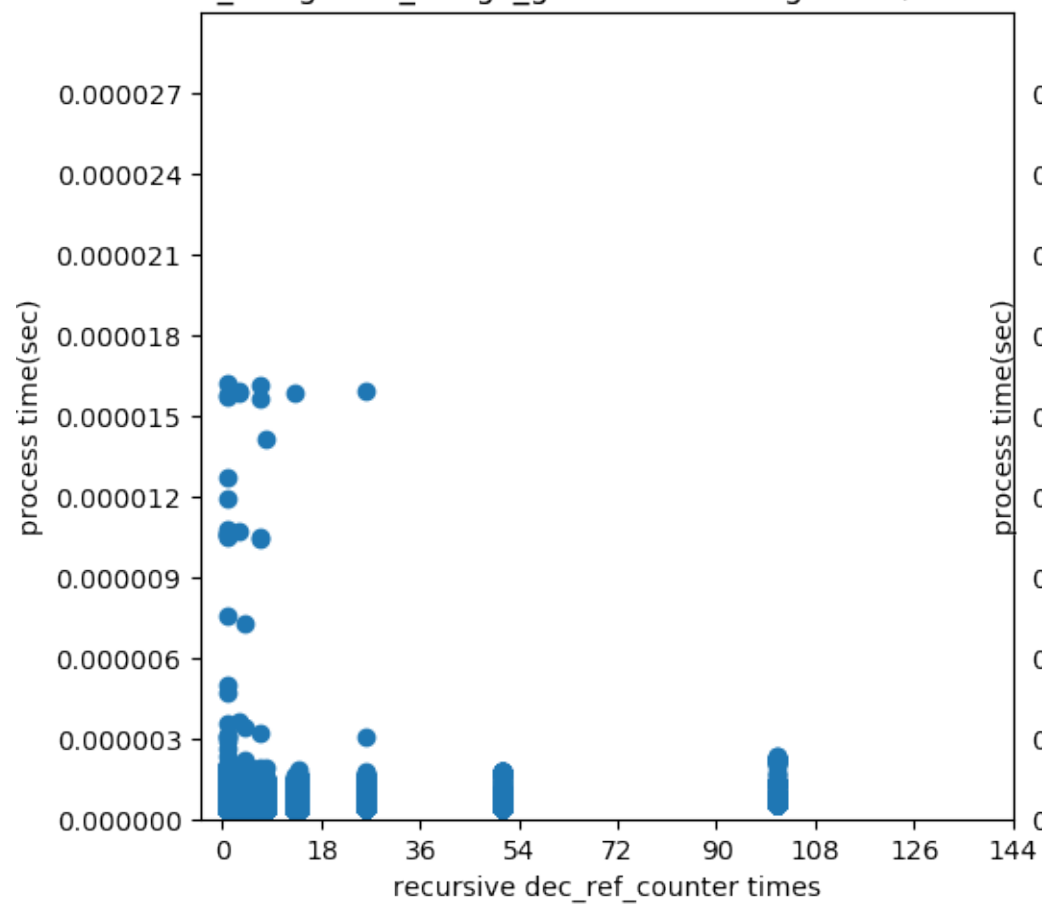
bm_mergesort_hongli_gctime markswEEP-measure-gc marktimebm_mergesort_hongli_gctime markswEEP-measure-gc sweep time



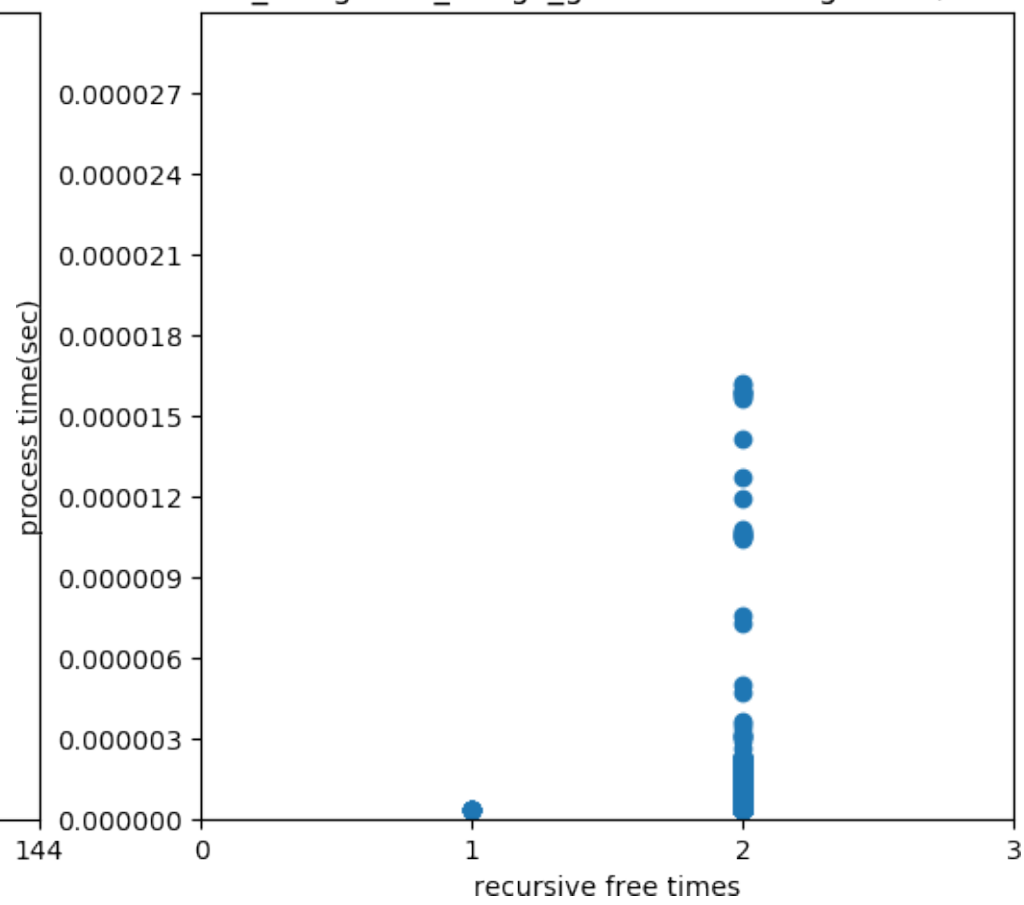
bm_mergesort_hongli_gctime markswEEP-measure-gc gc time



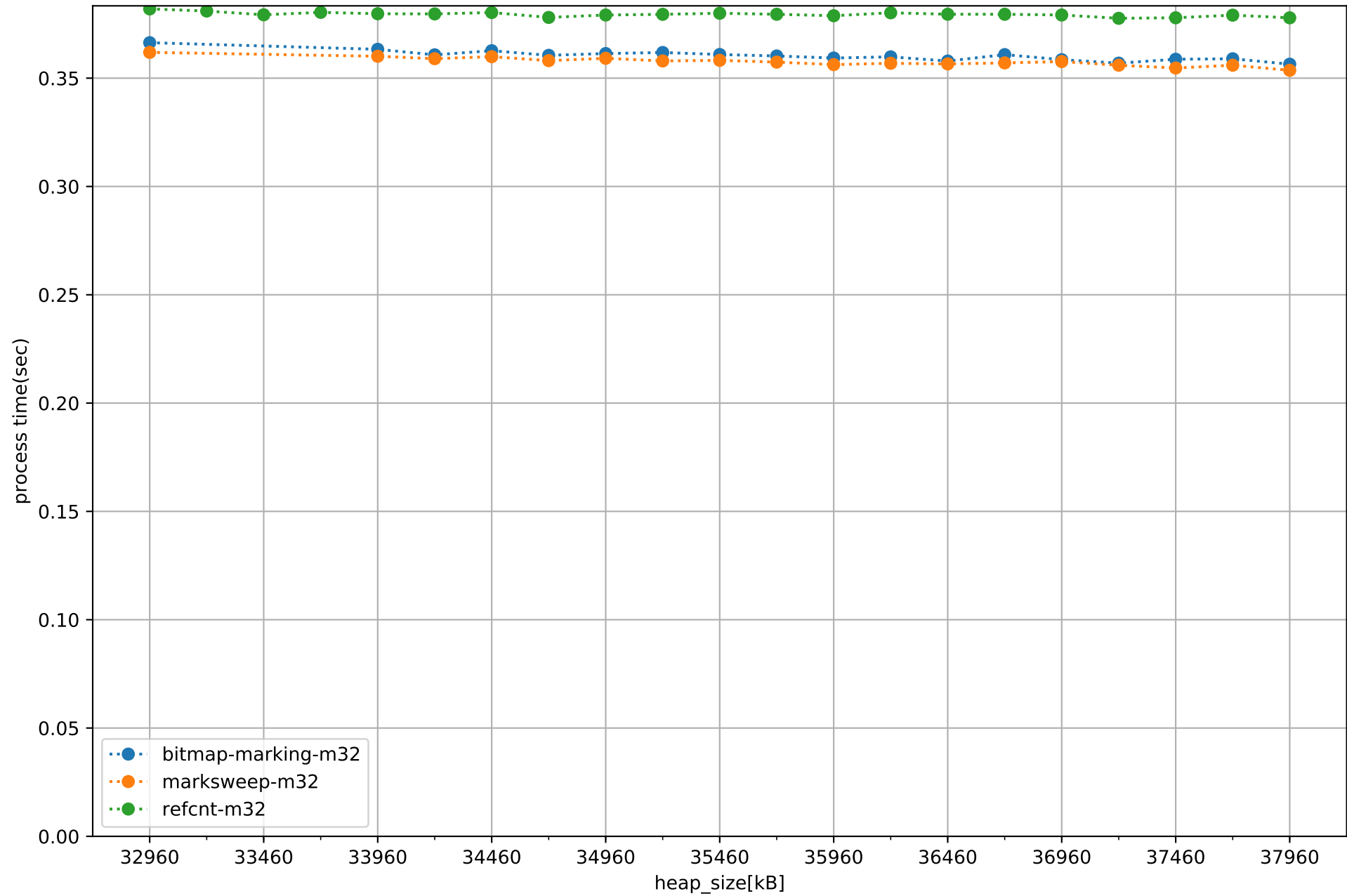
bm_mergesort_hongli_gctimerefcount gc time/func call



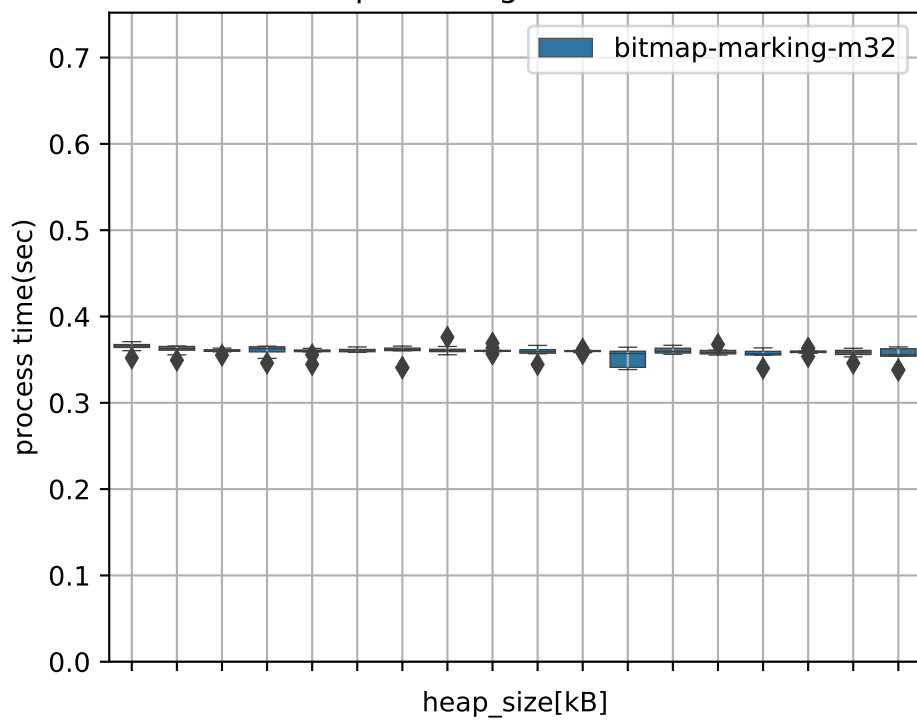
bm_mergesort_hongli_gctimerefcount gc time/free



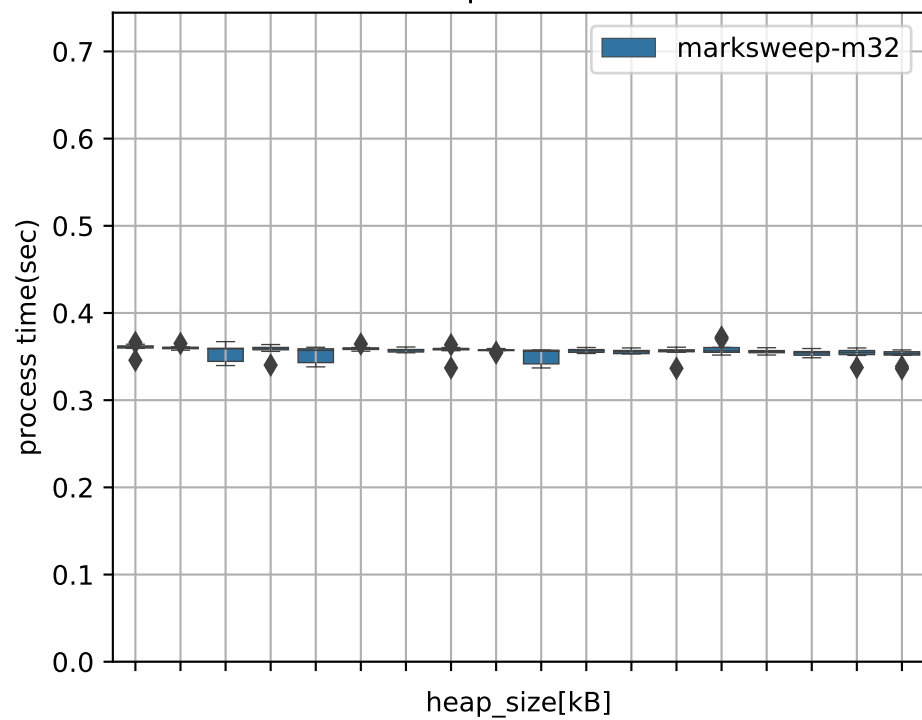
bm_mergesort_hongli_m32



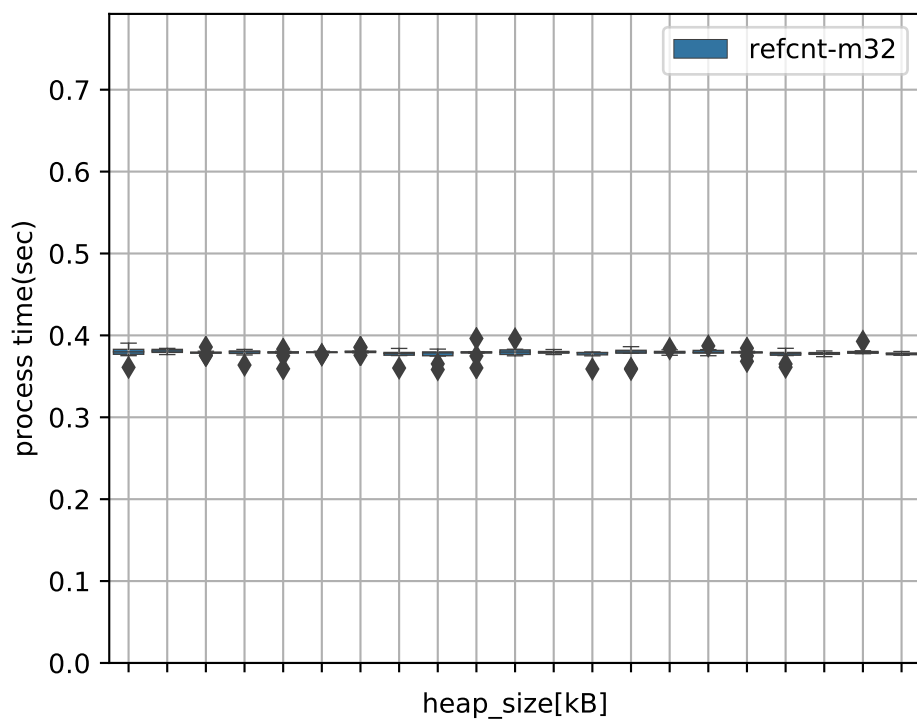
bitmap-marking-m32 total time

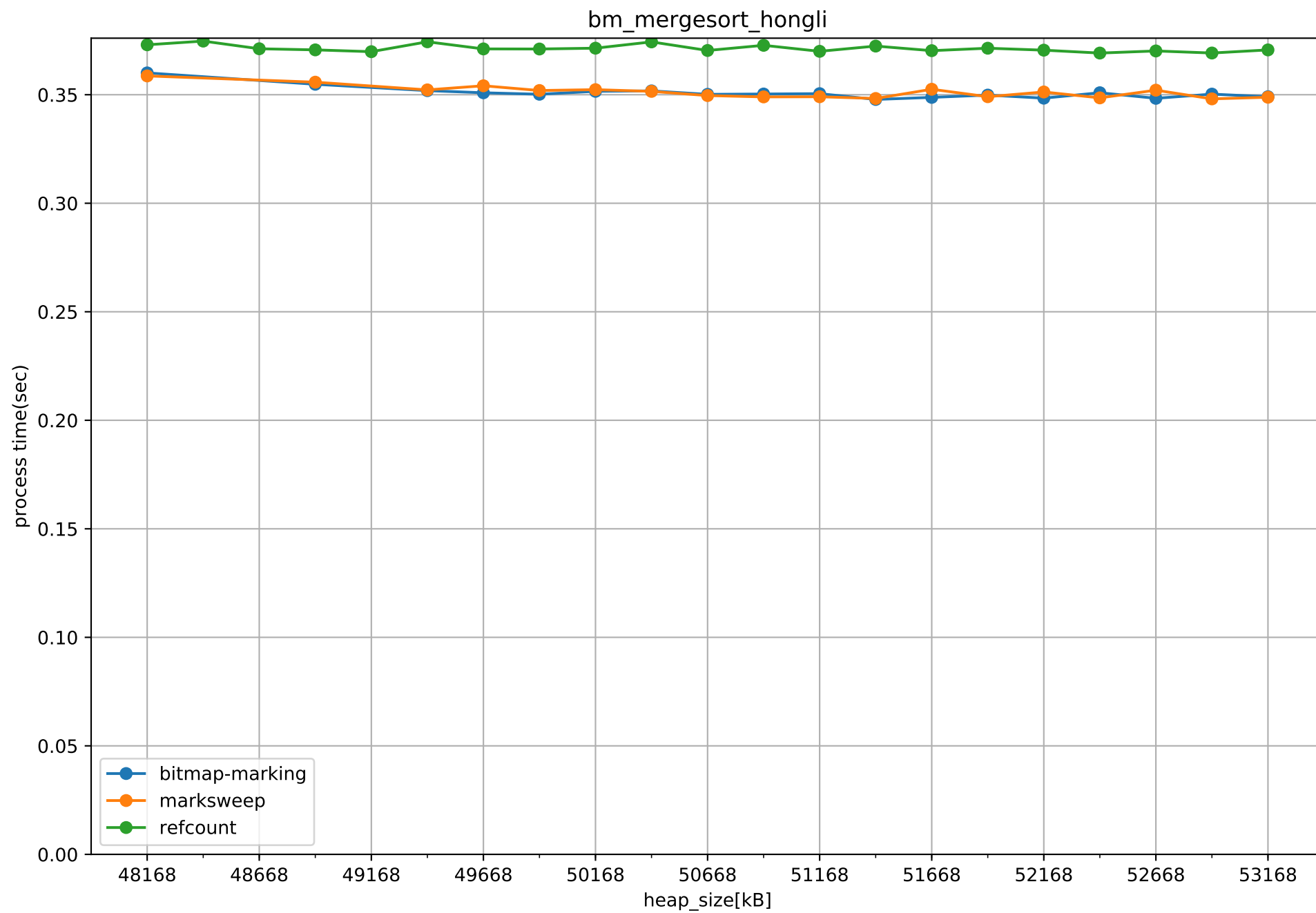


marksweep-m32 total time

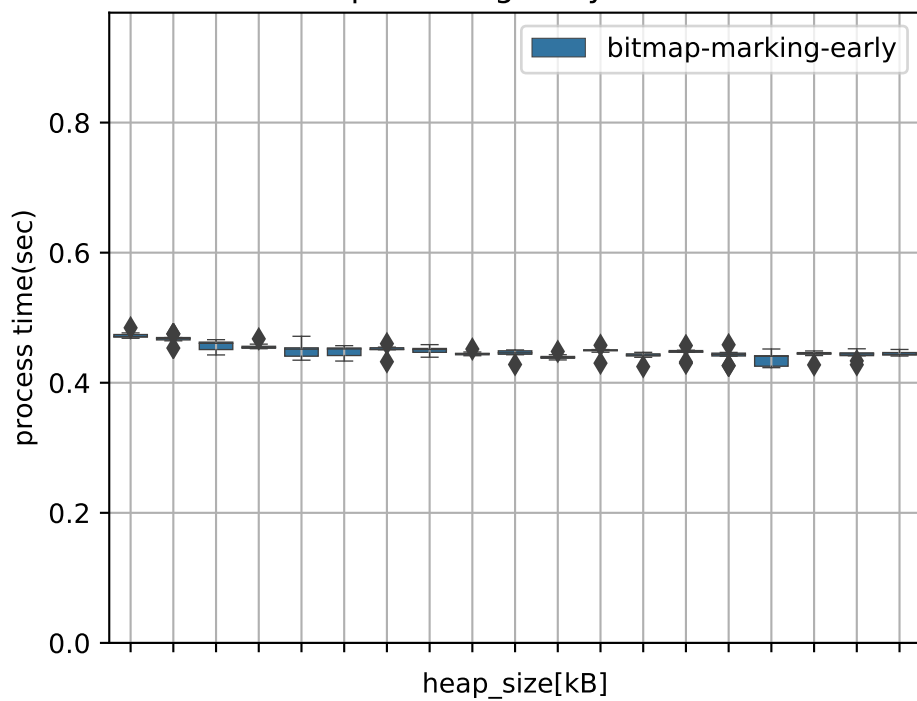


refcnt-m32 total time

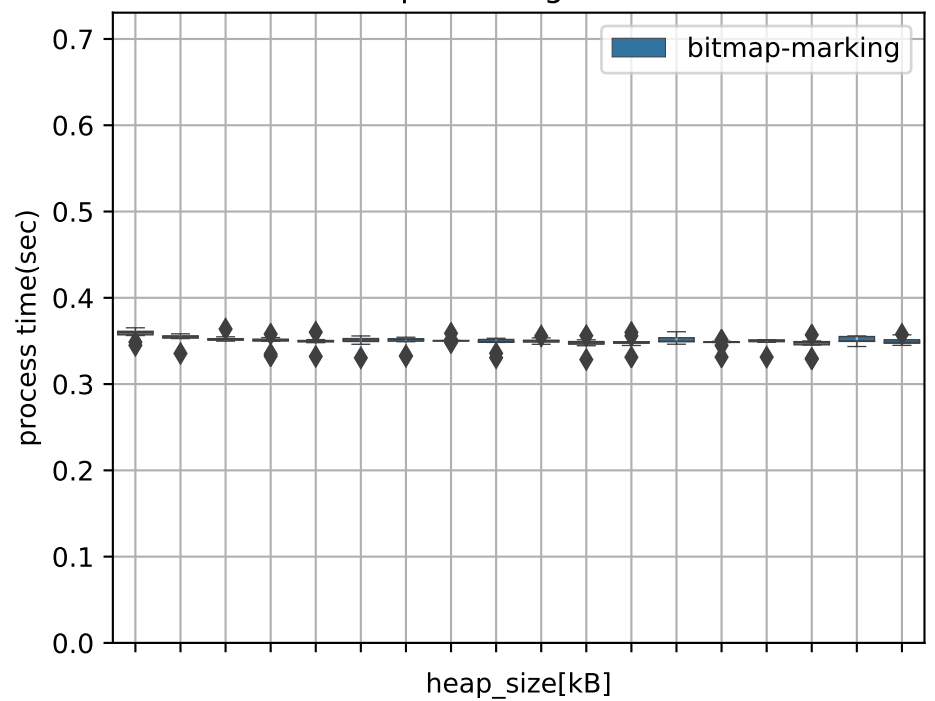




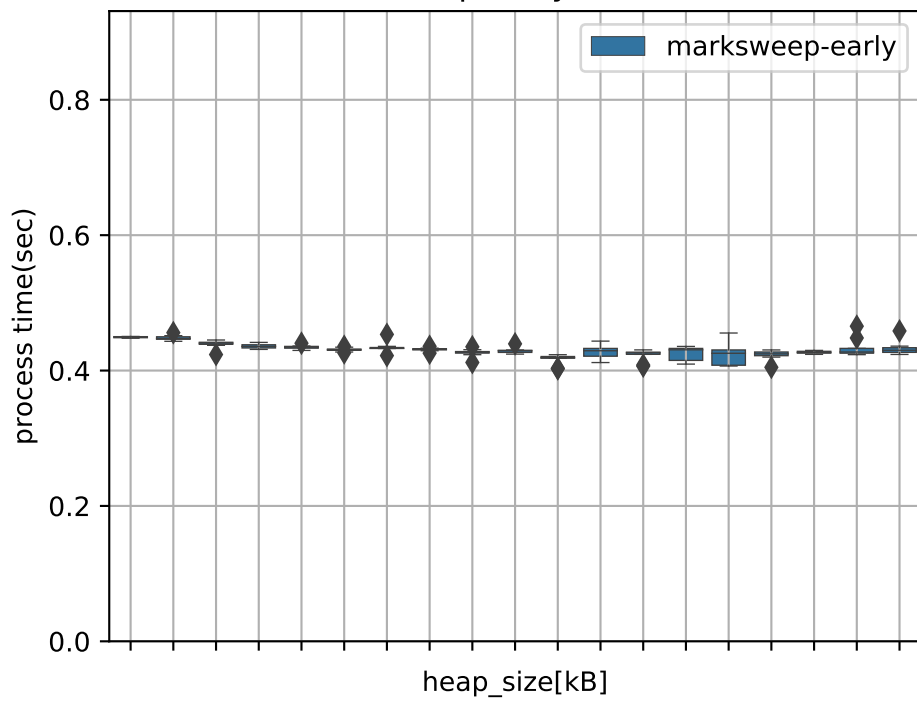
bitmap-marking-early total time



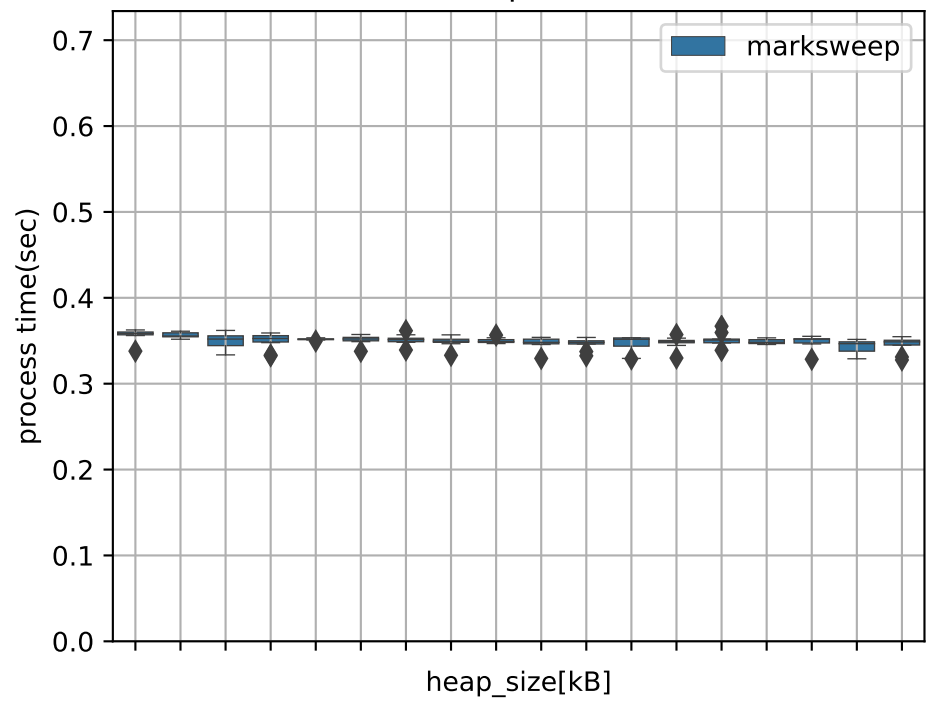
bitmap-marking total time



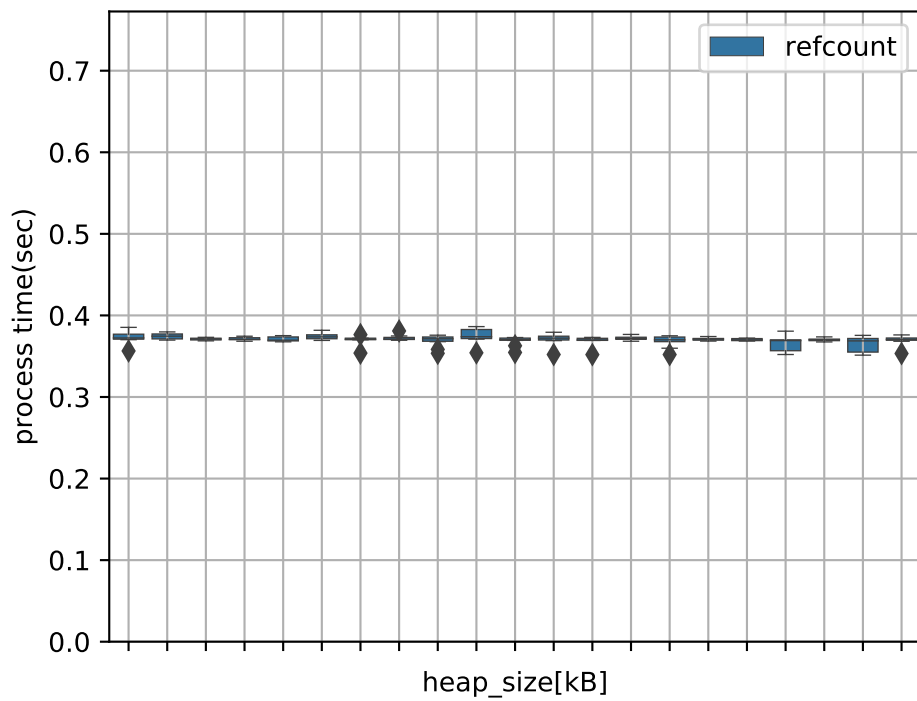
marksweep-early total time

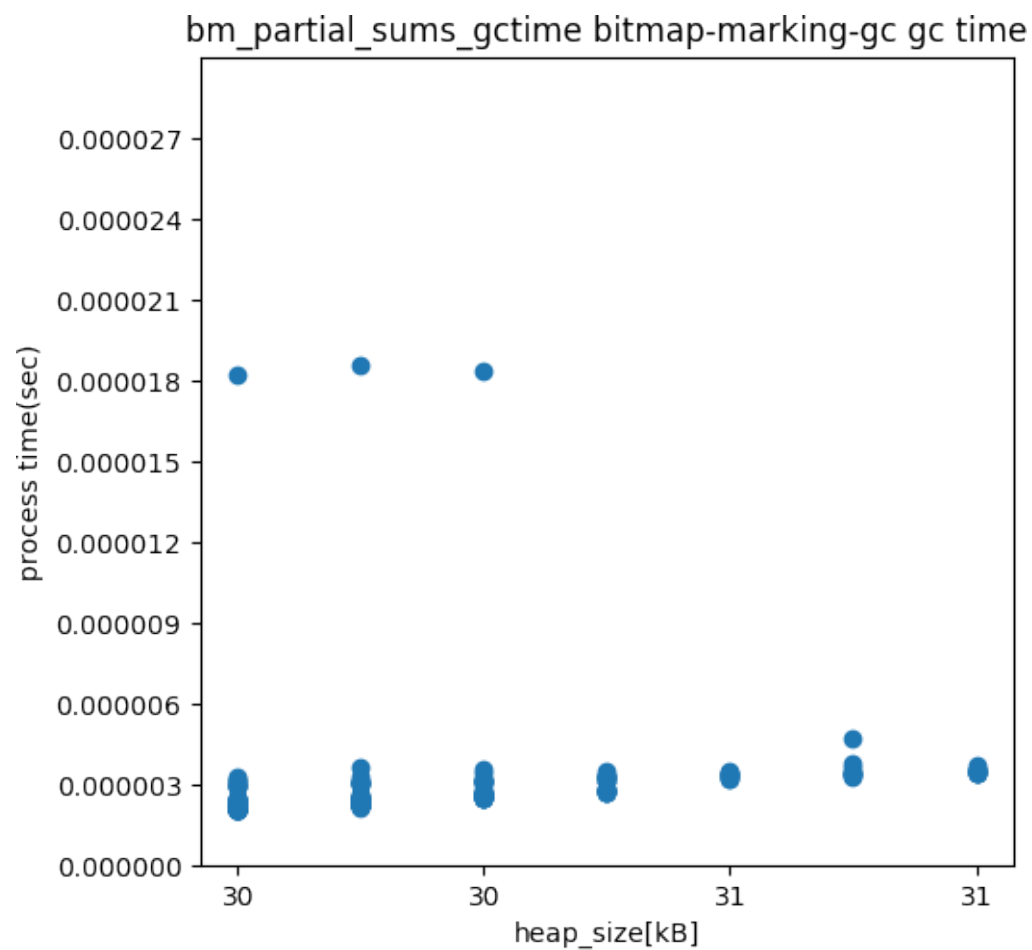
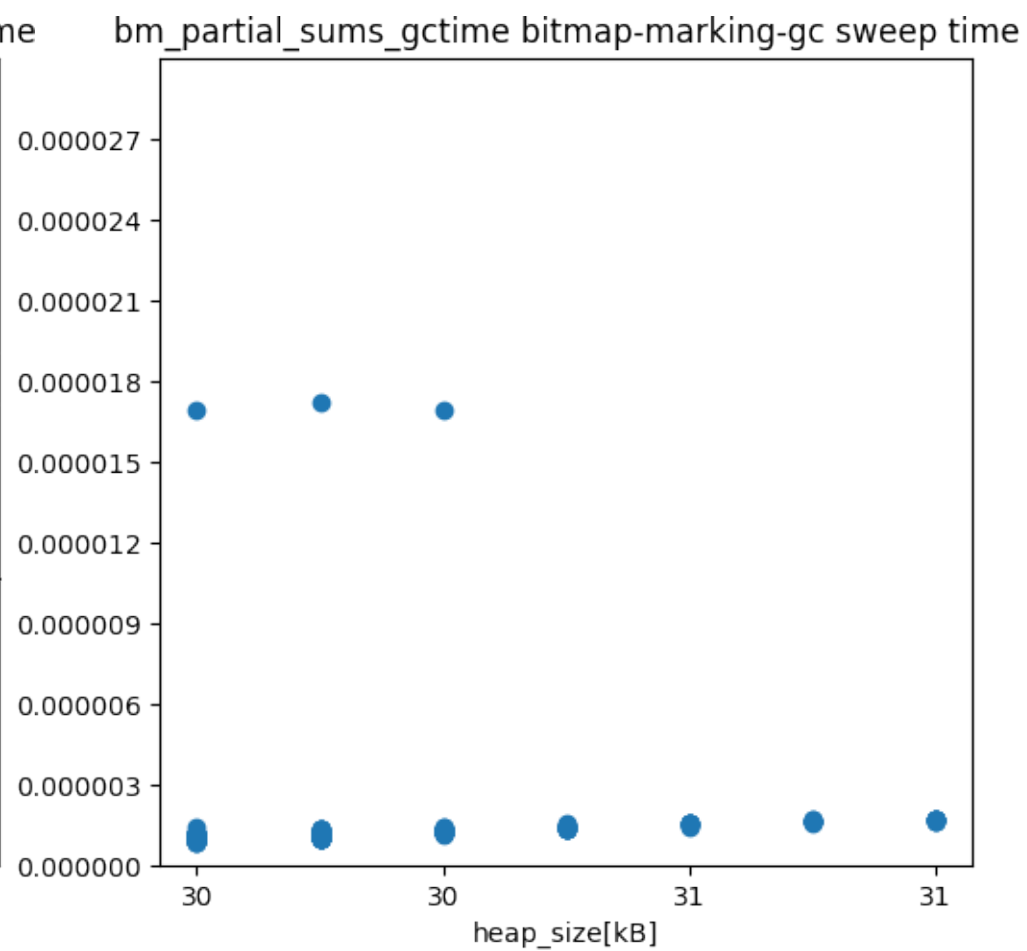
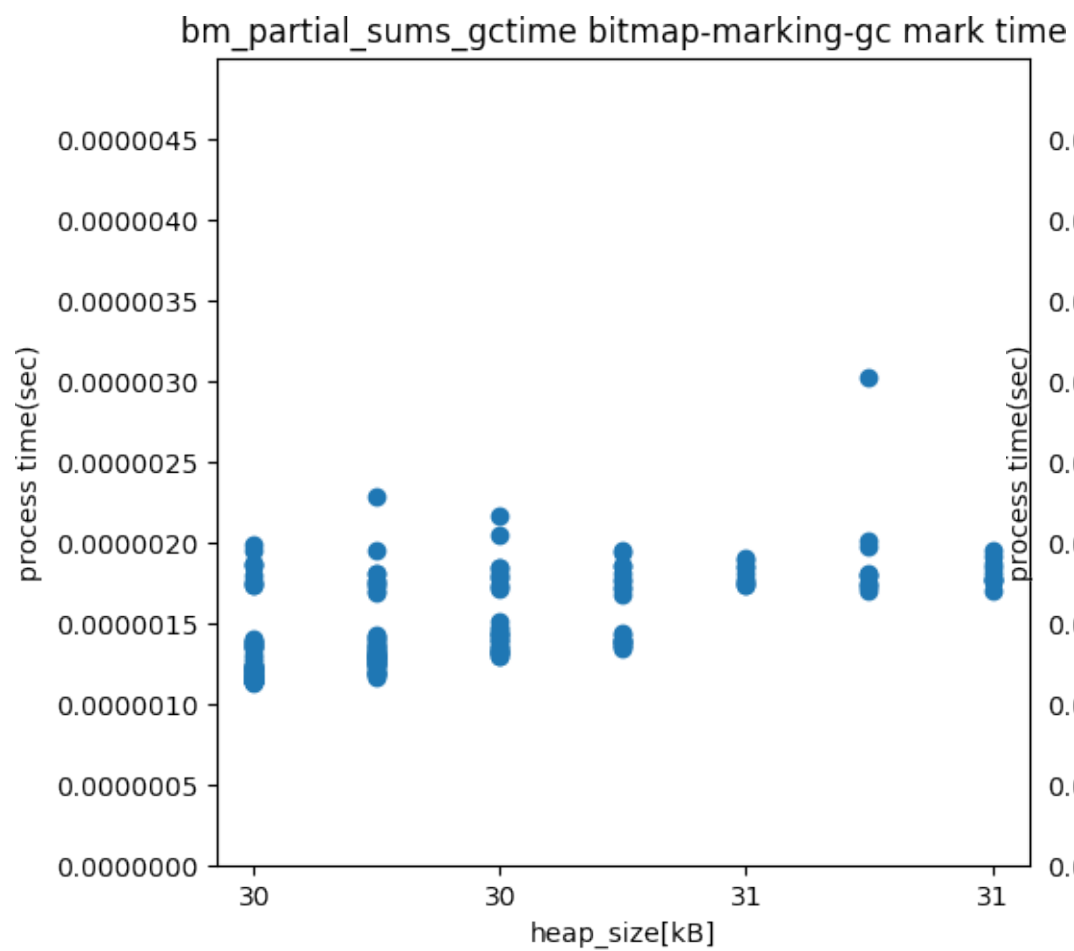


marksweep total time

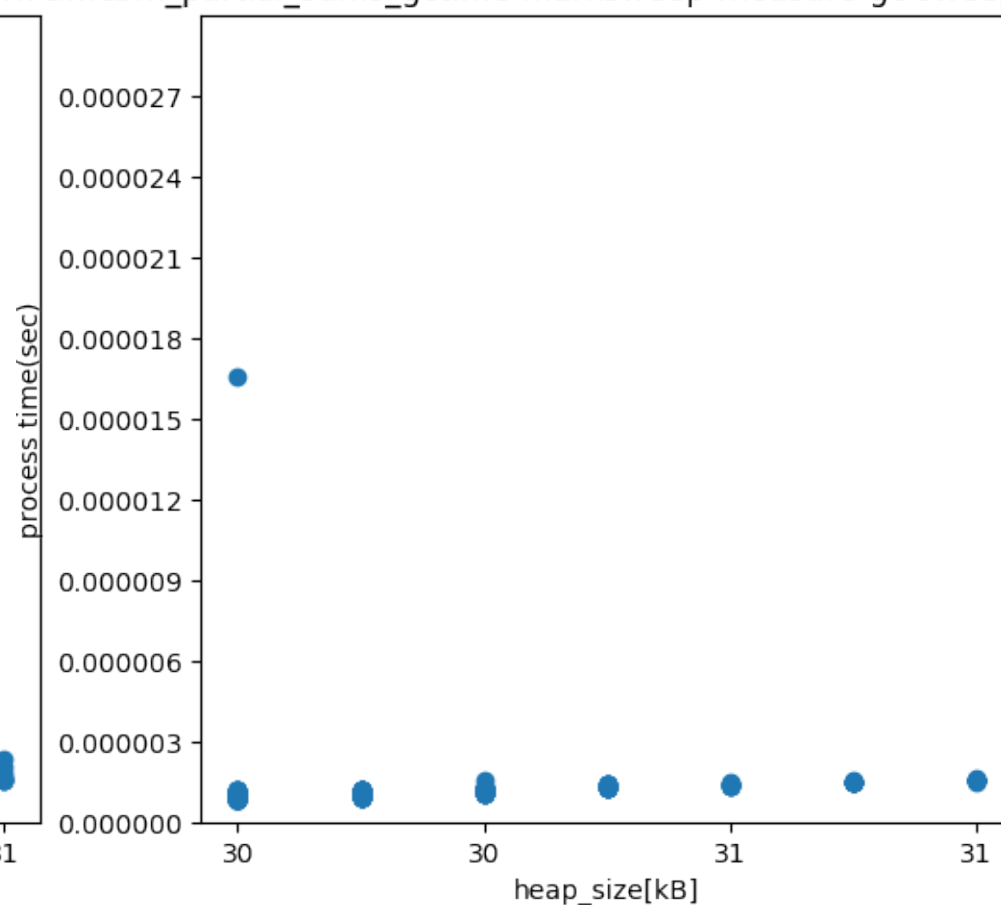
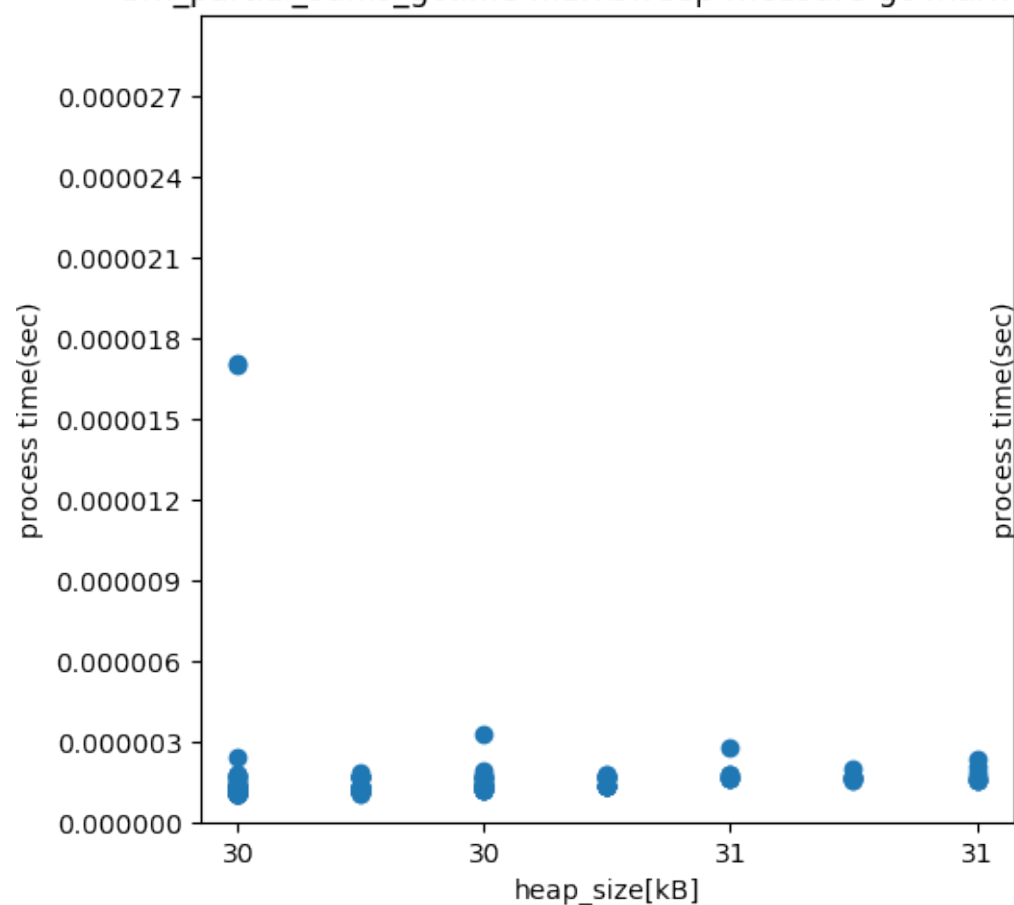


refcount total time

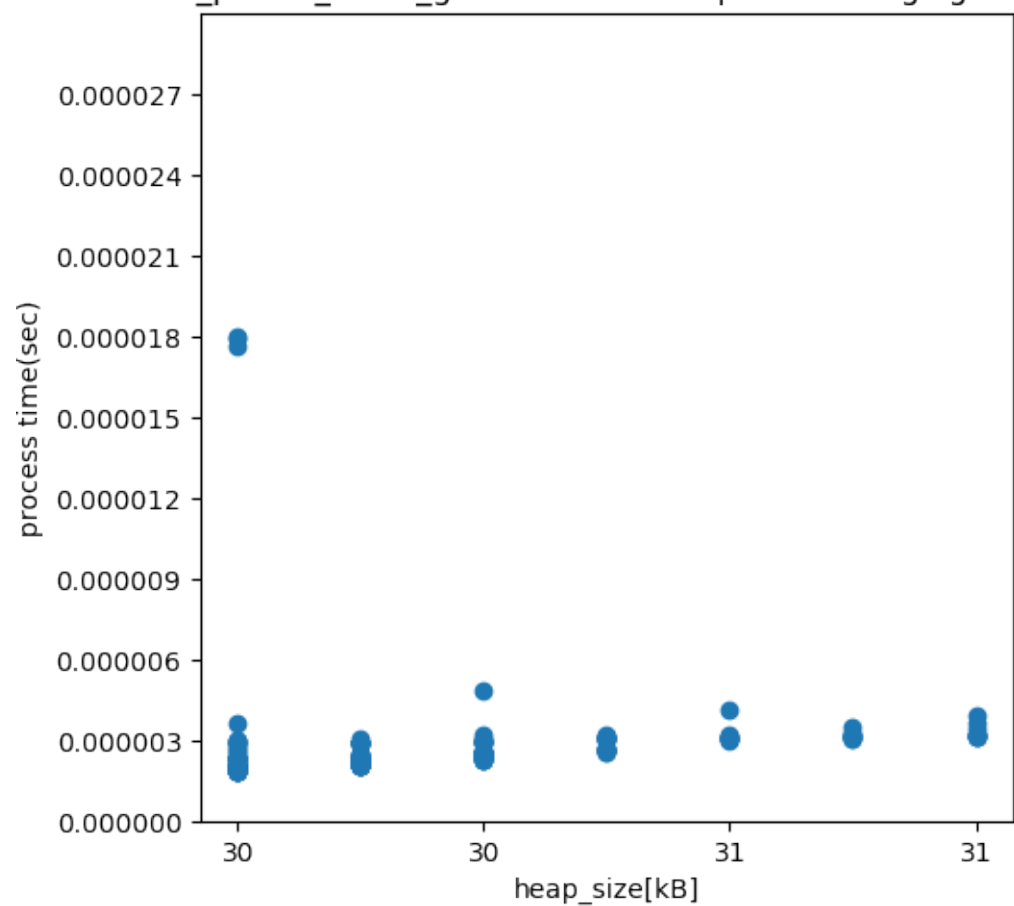


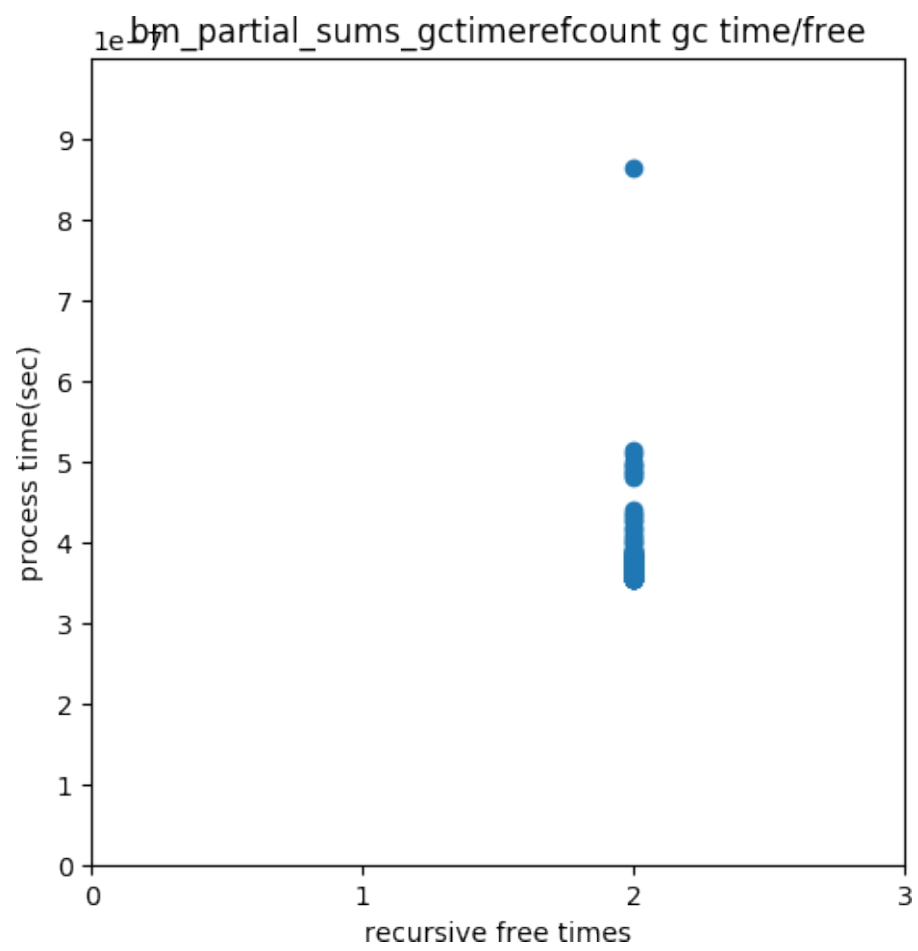
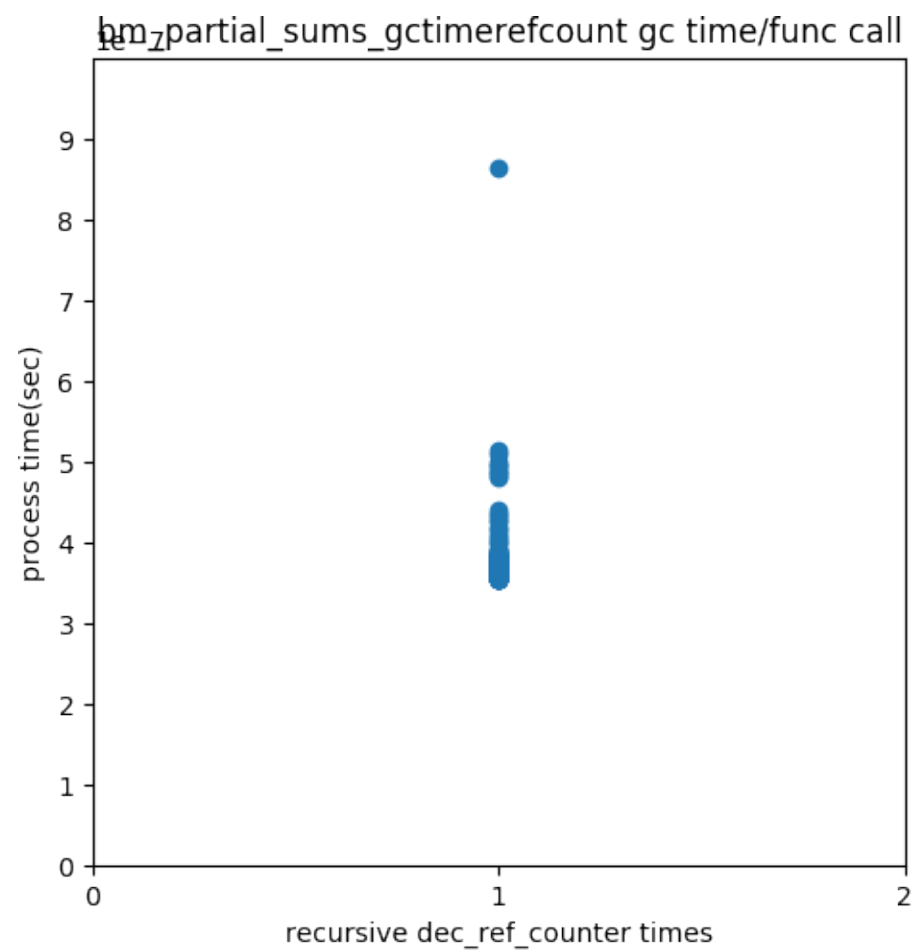


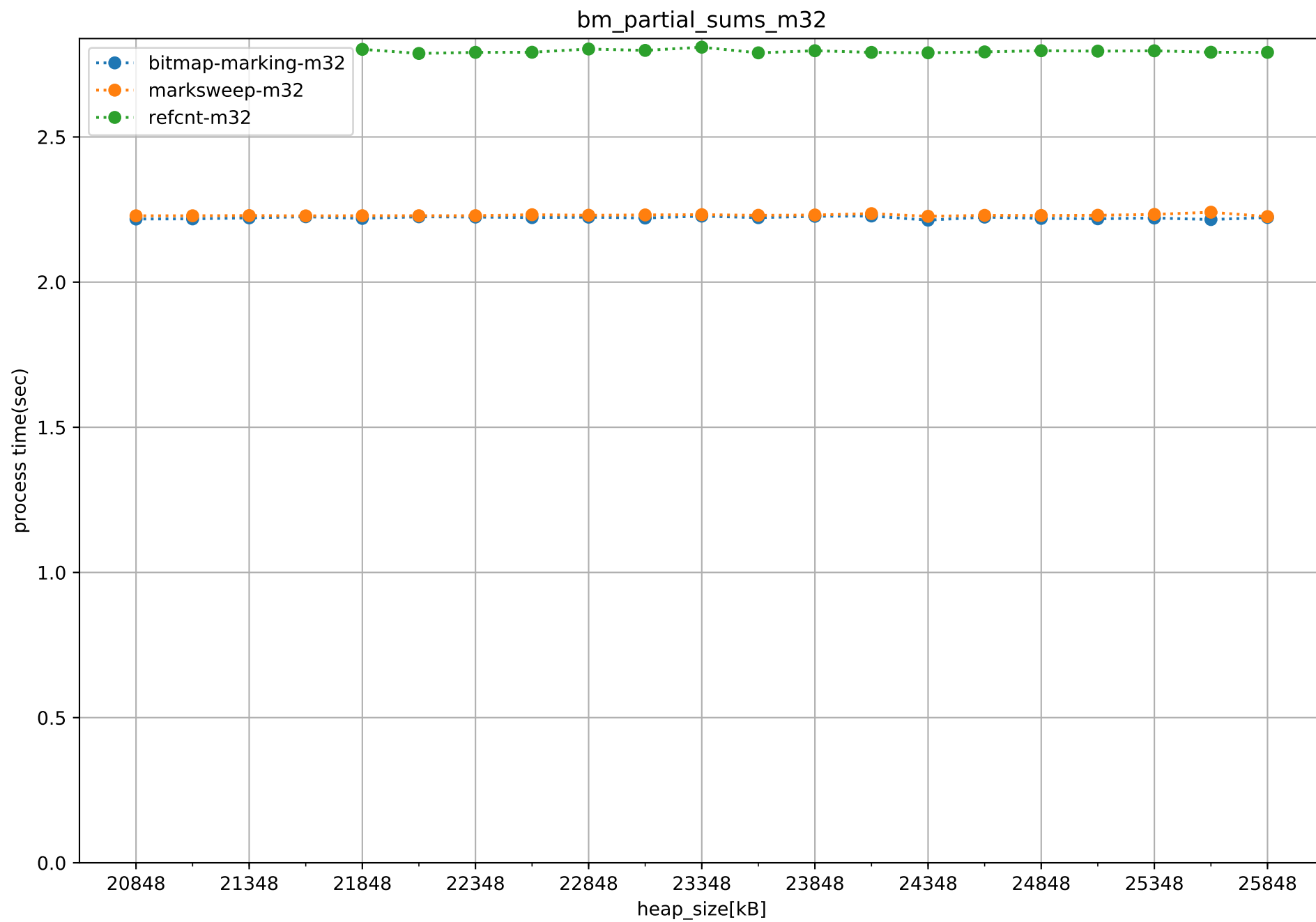
bm_partial_sums_gctime markswep-measure-gc mark timebm_partial_sums_gctime markswep-measure-gc sweep time



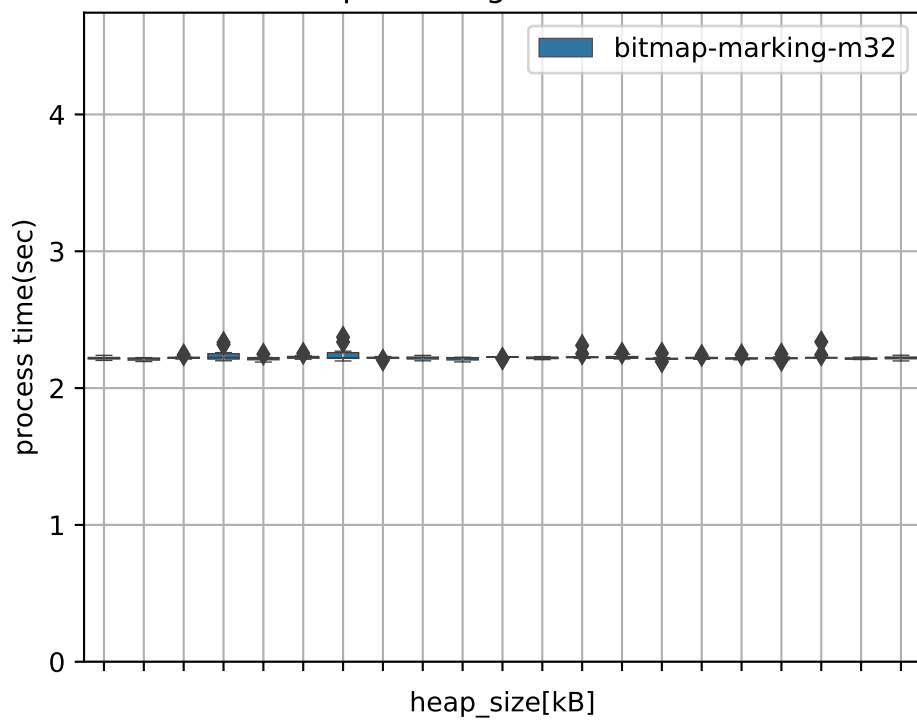
```
bm_partial_sums_gctime marksweep-measure-gc gc time
```



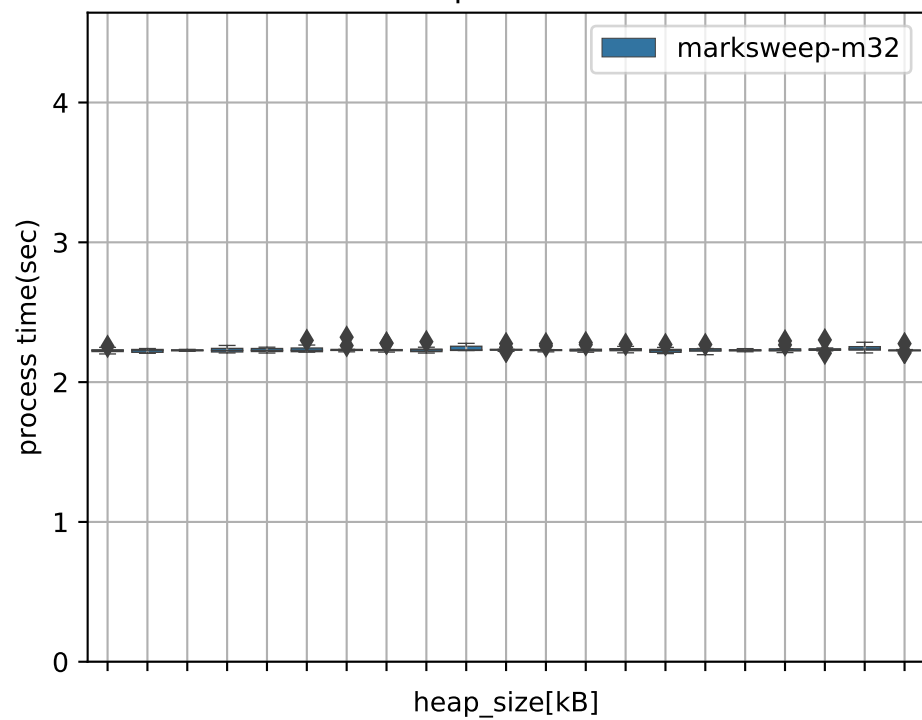




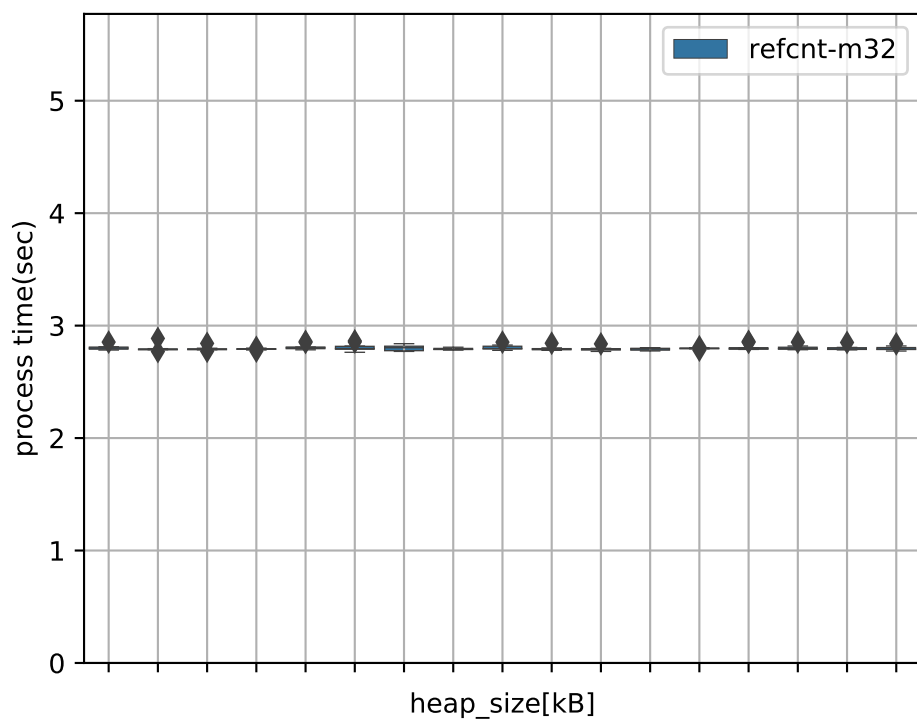
bitmap-marking-m32 total time

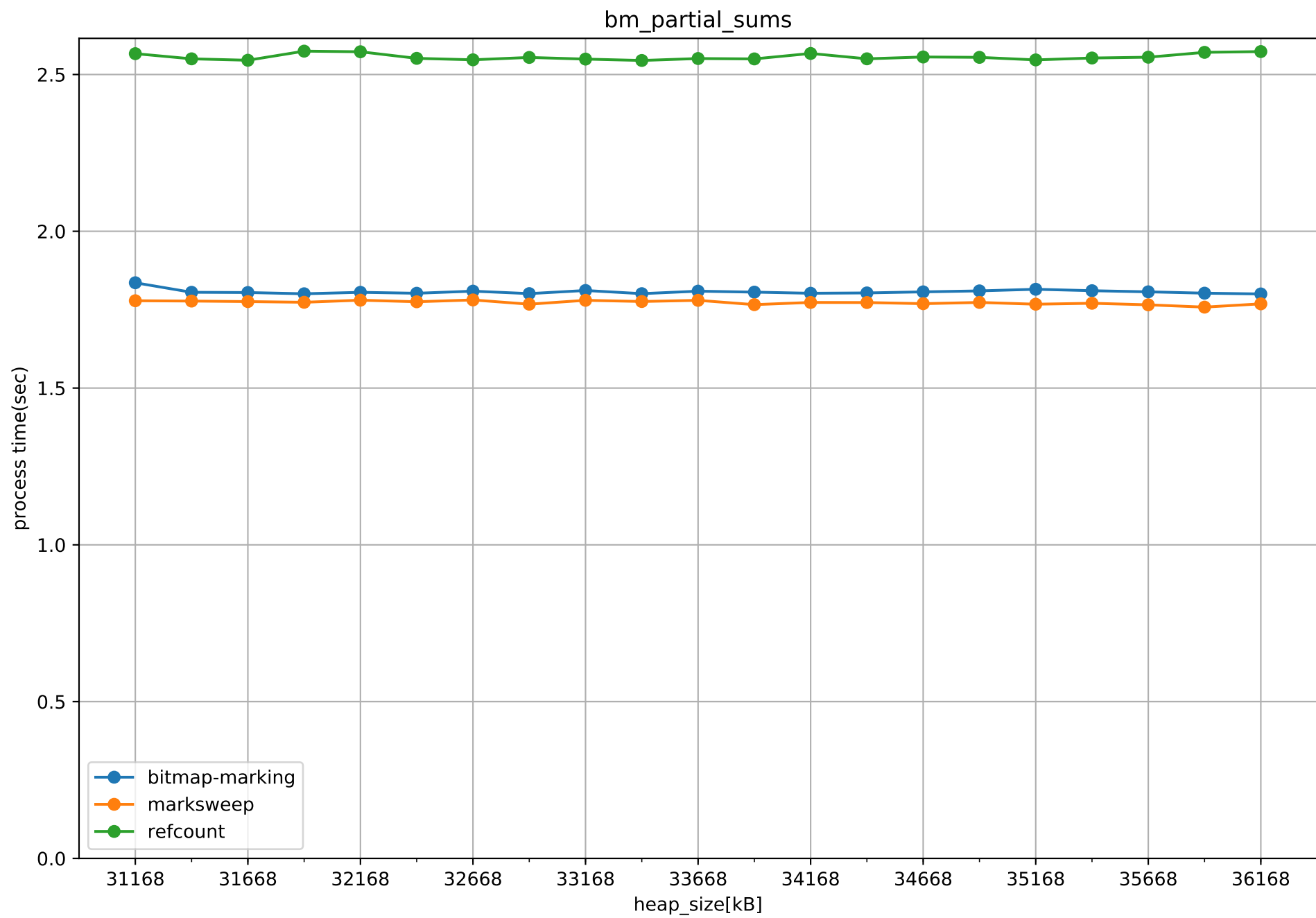


marksweep-m32 total time

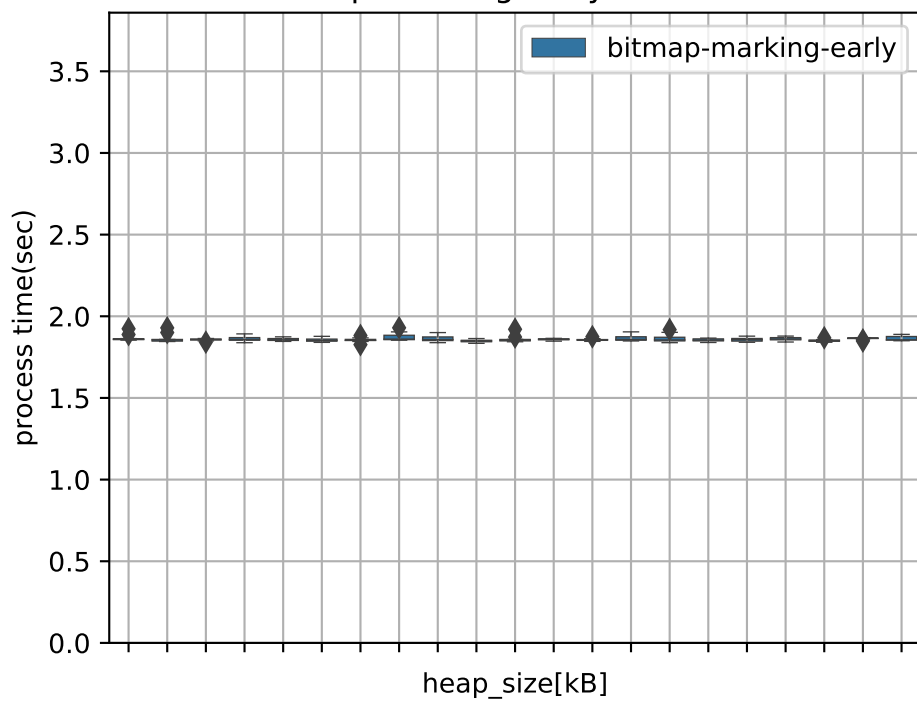


refcnt-m32 total time

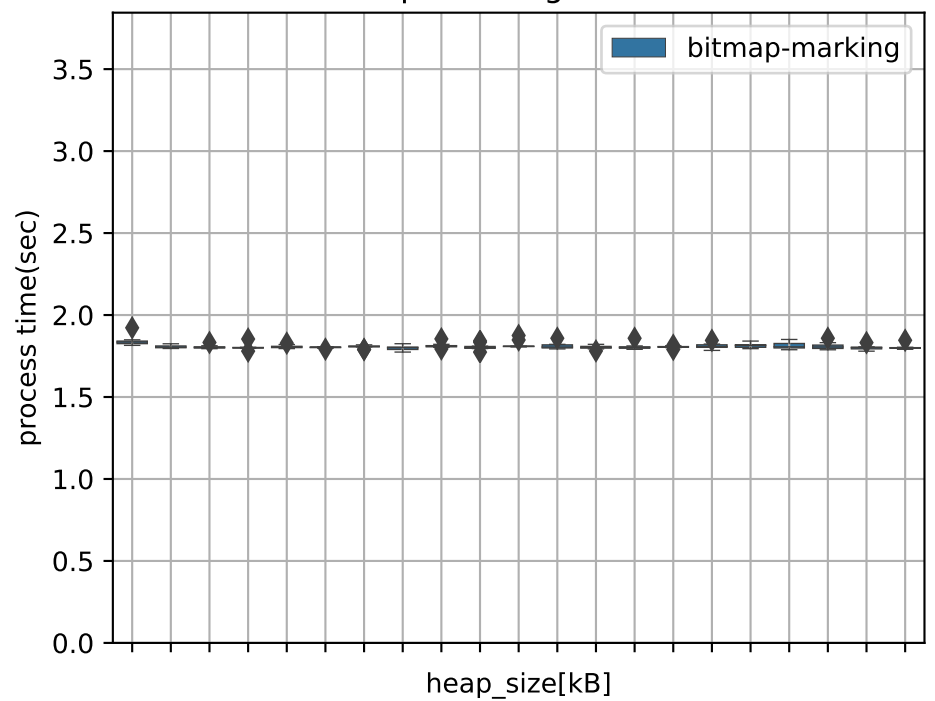




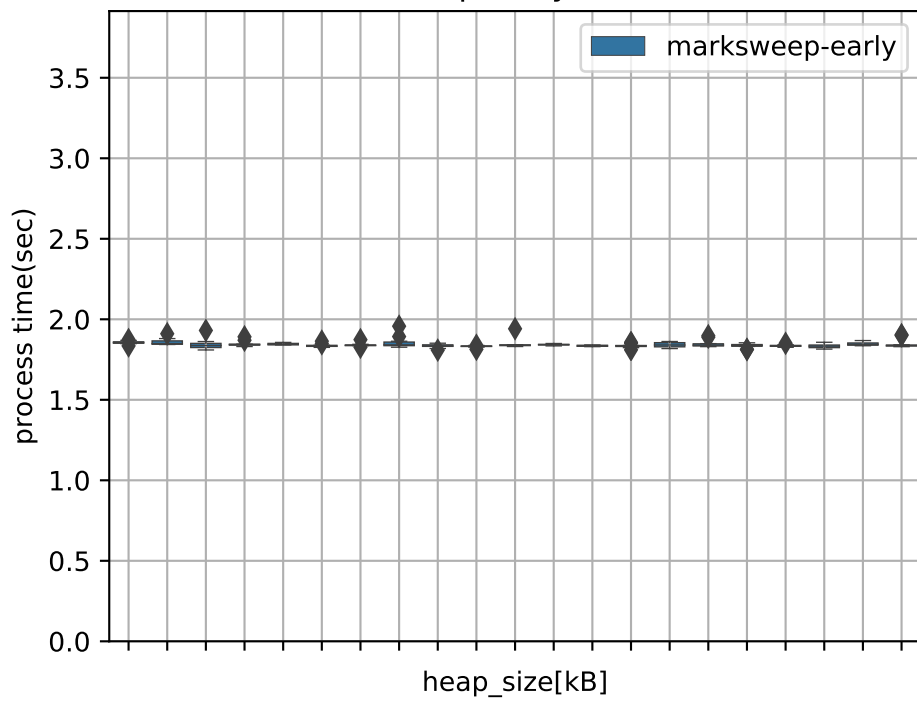
bitmap-marking-early total time



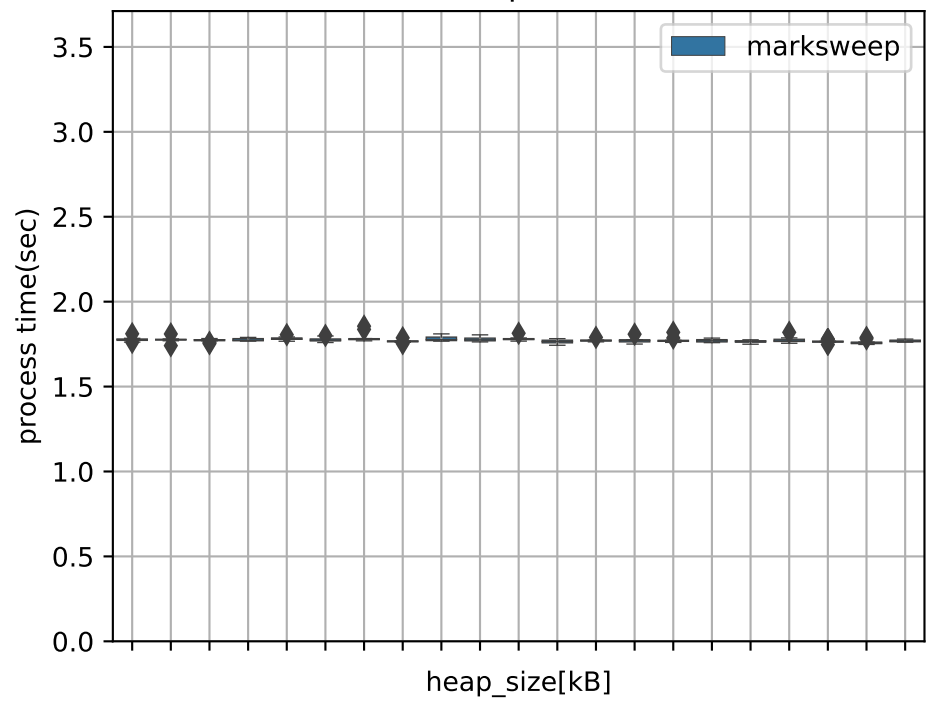
bitmap-marking total time



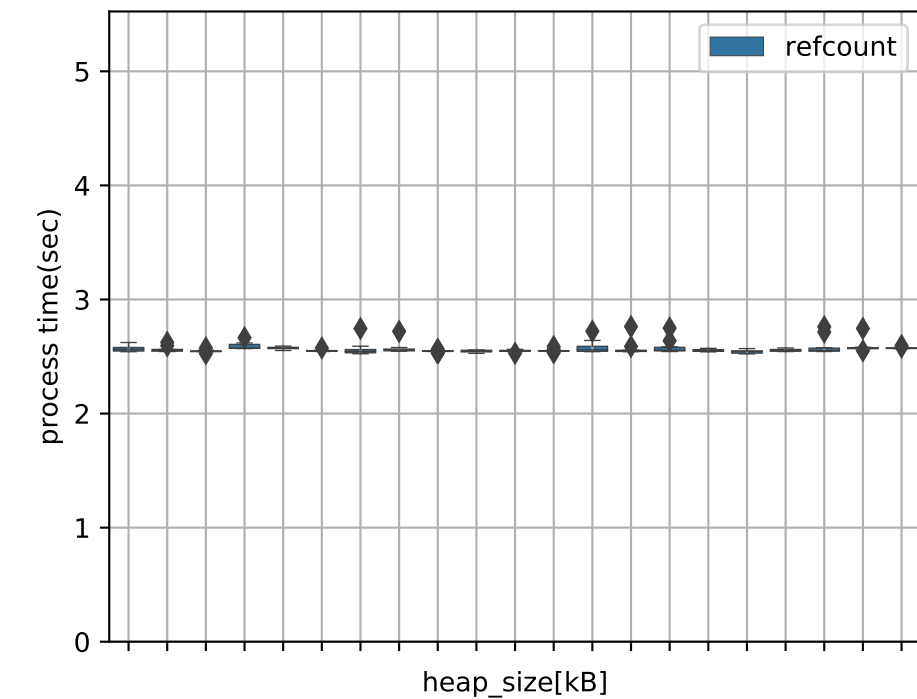
marksweep-early total time

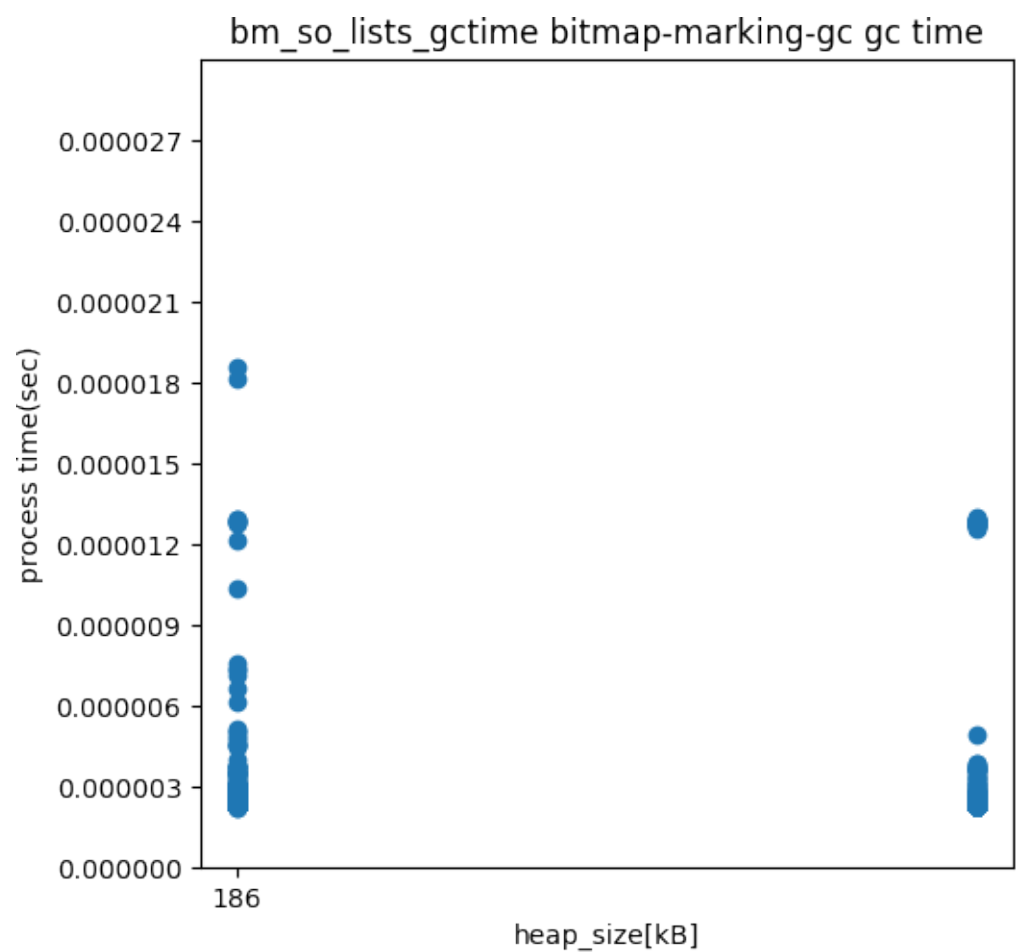
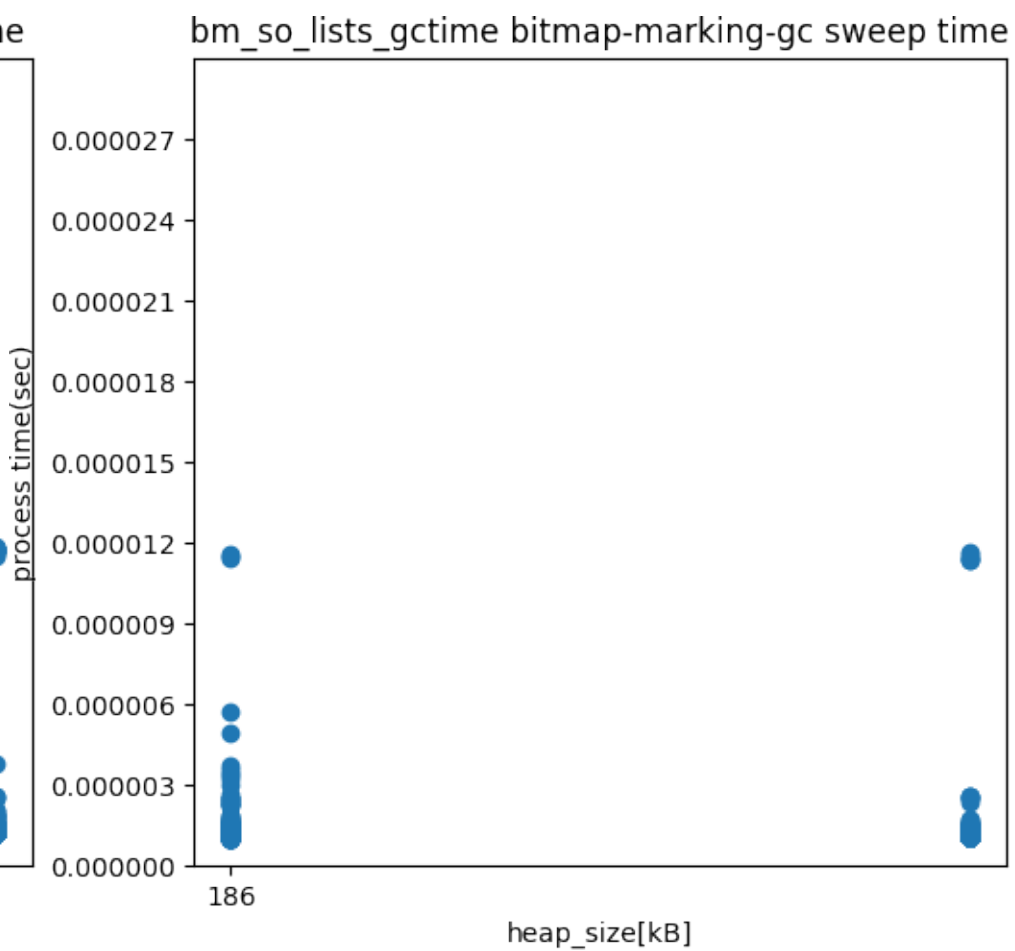
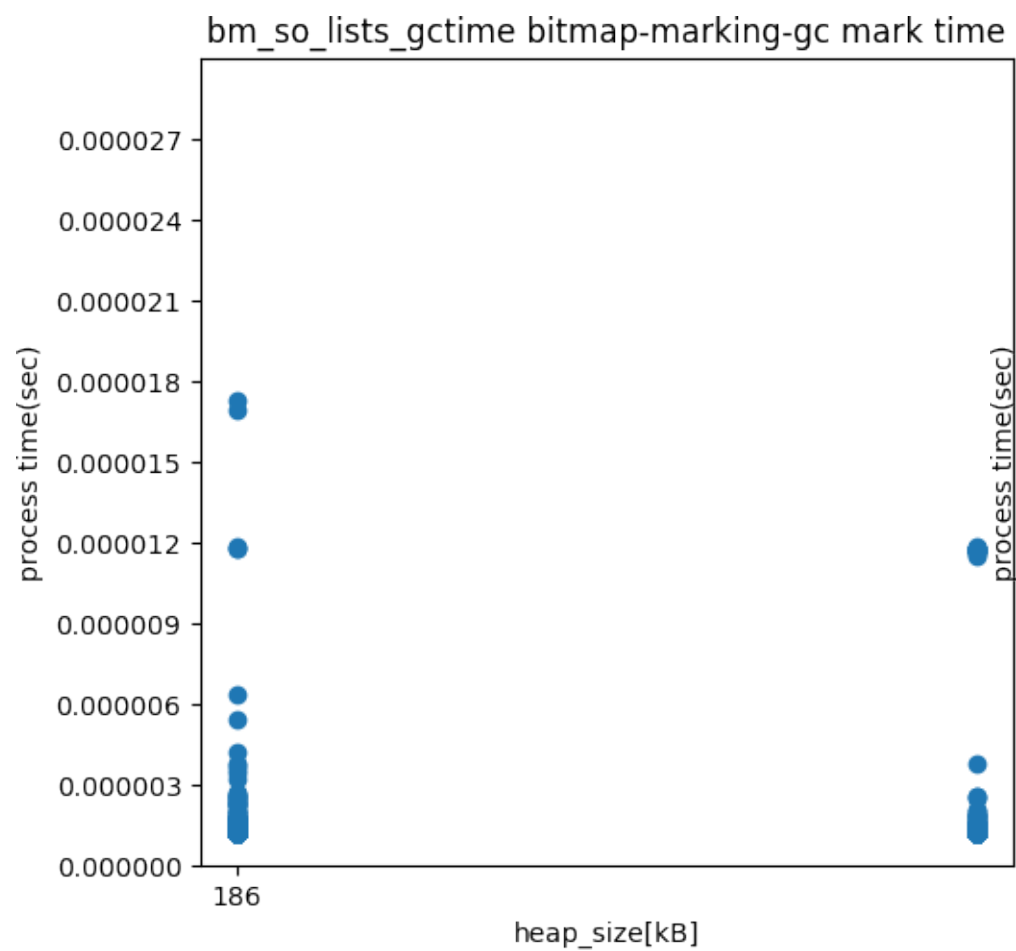


marksweep total time

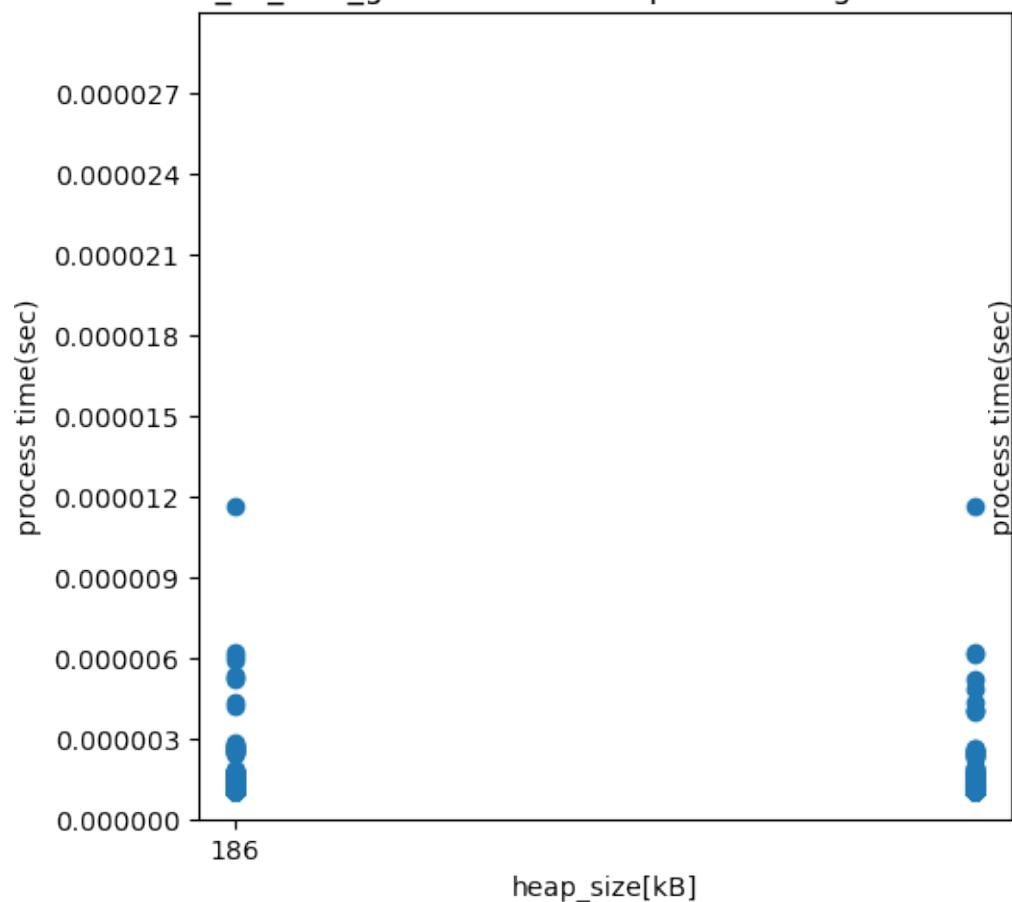


refcount total time

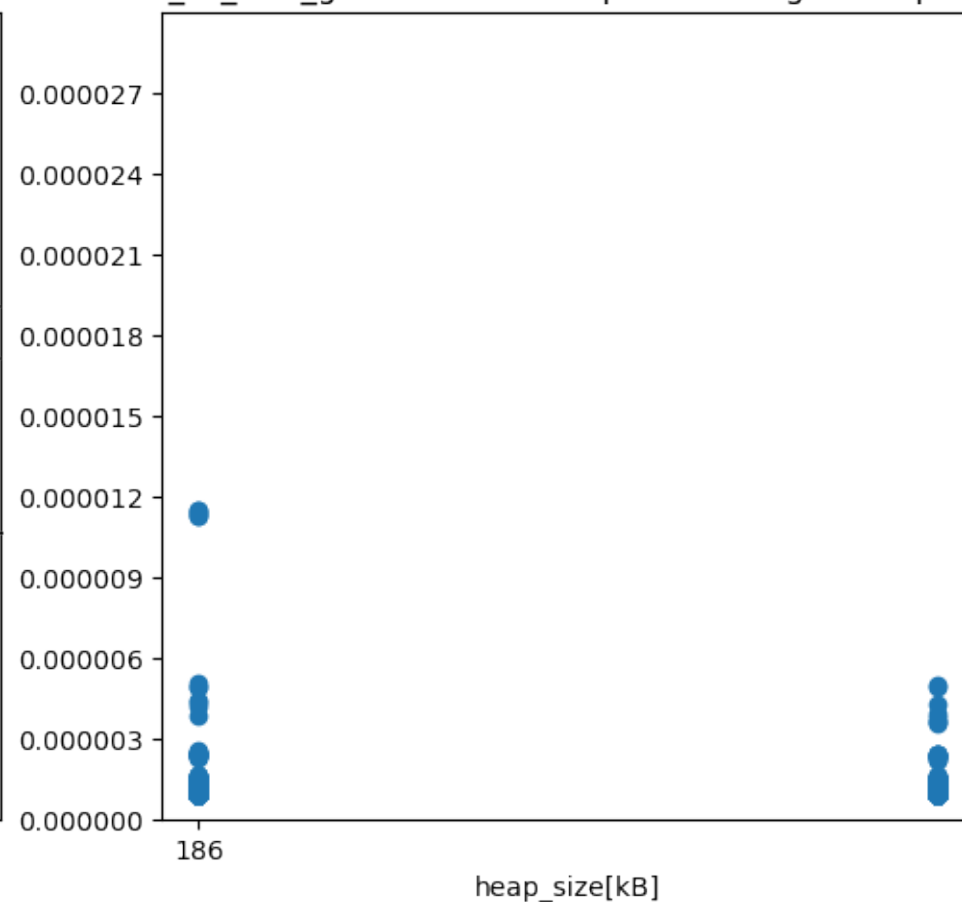




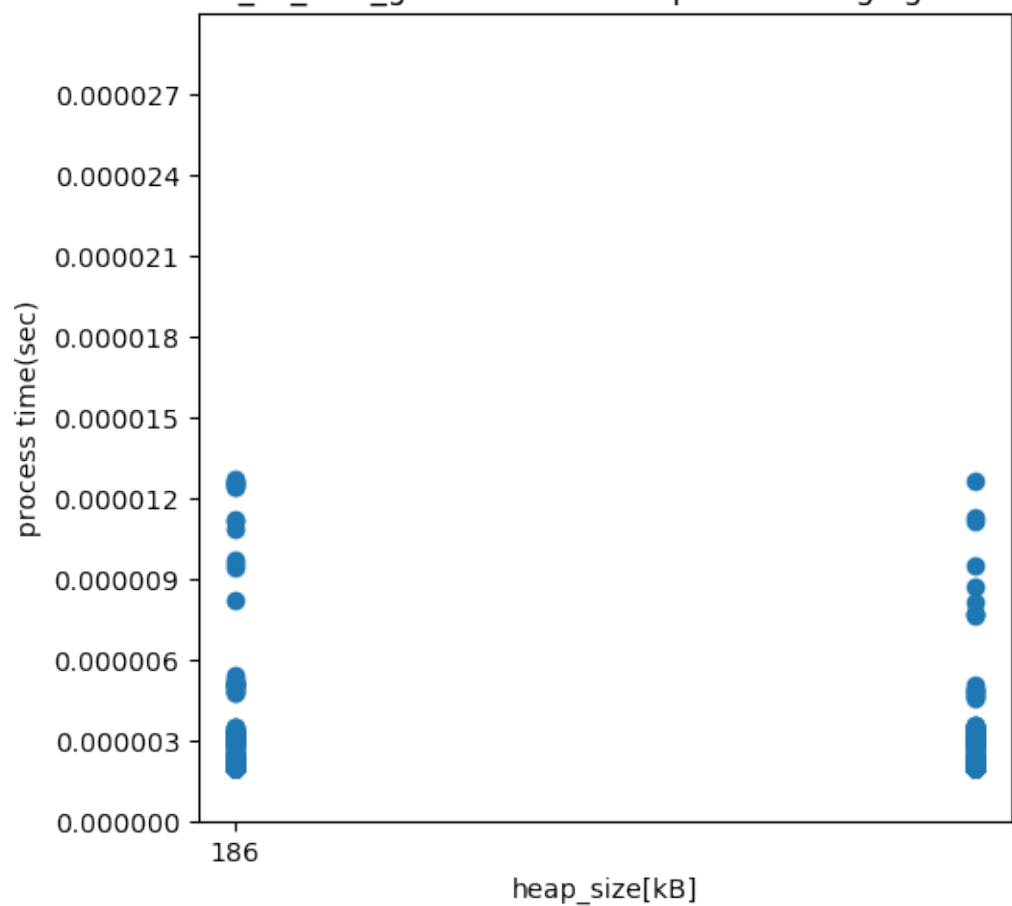
bm_so_lists_gctime markswEEP-measure-gc mark time

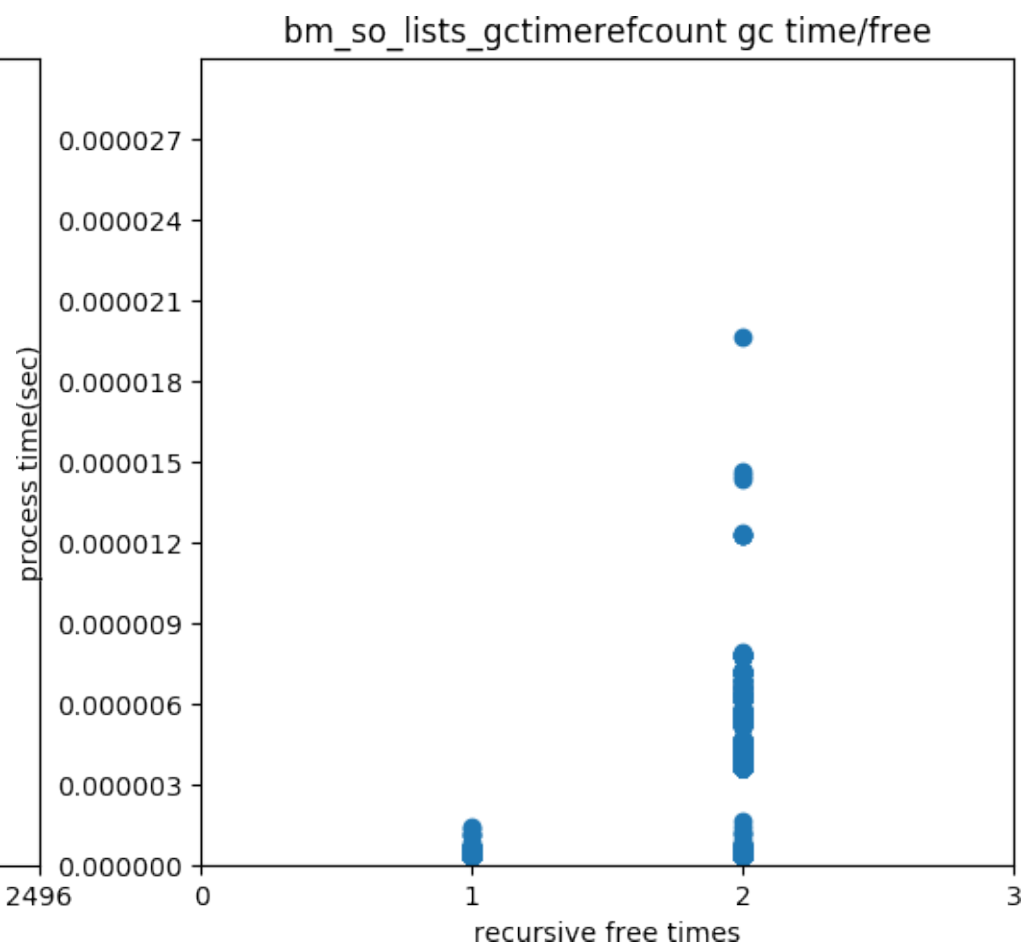
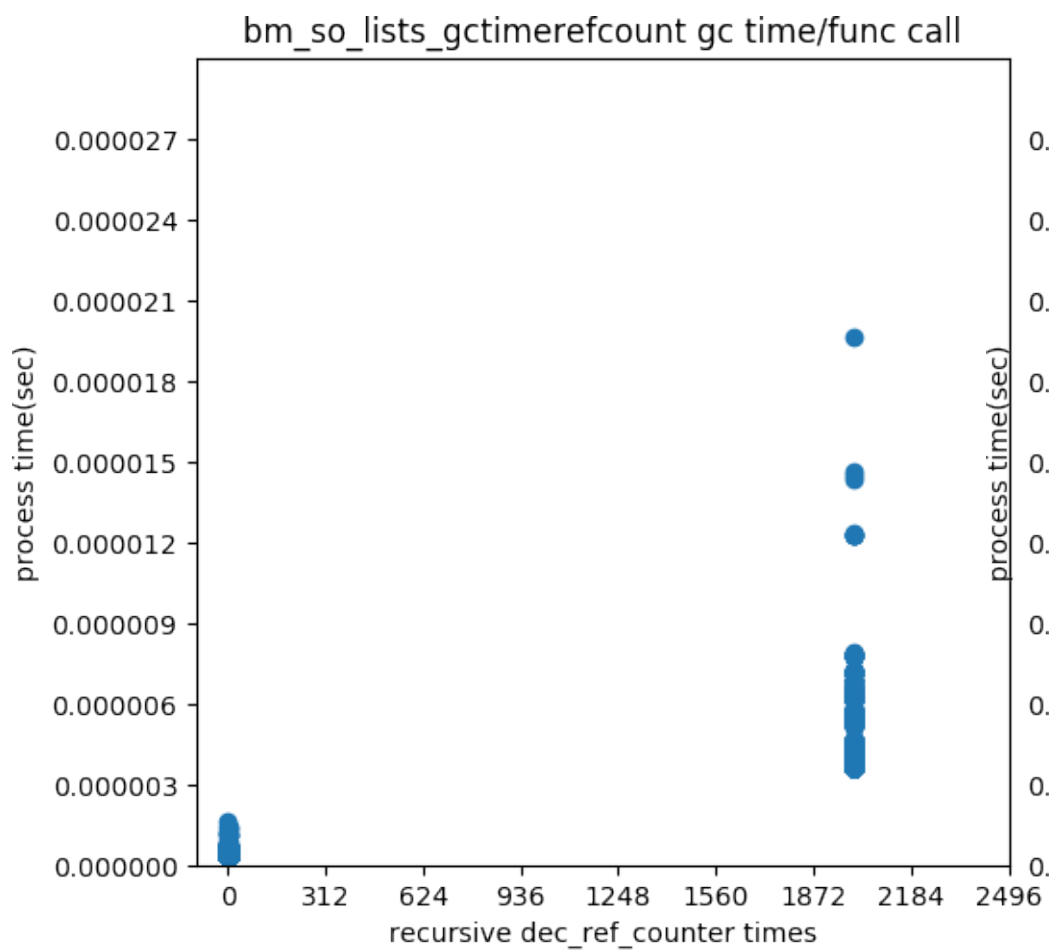


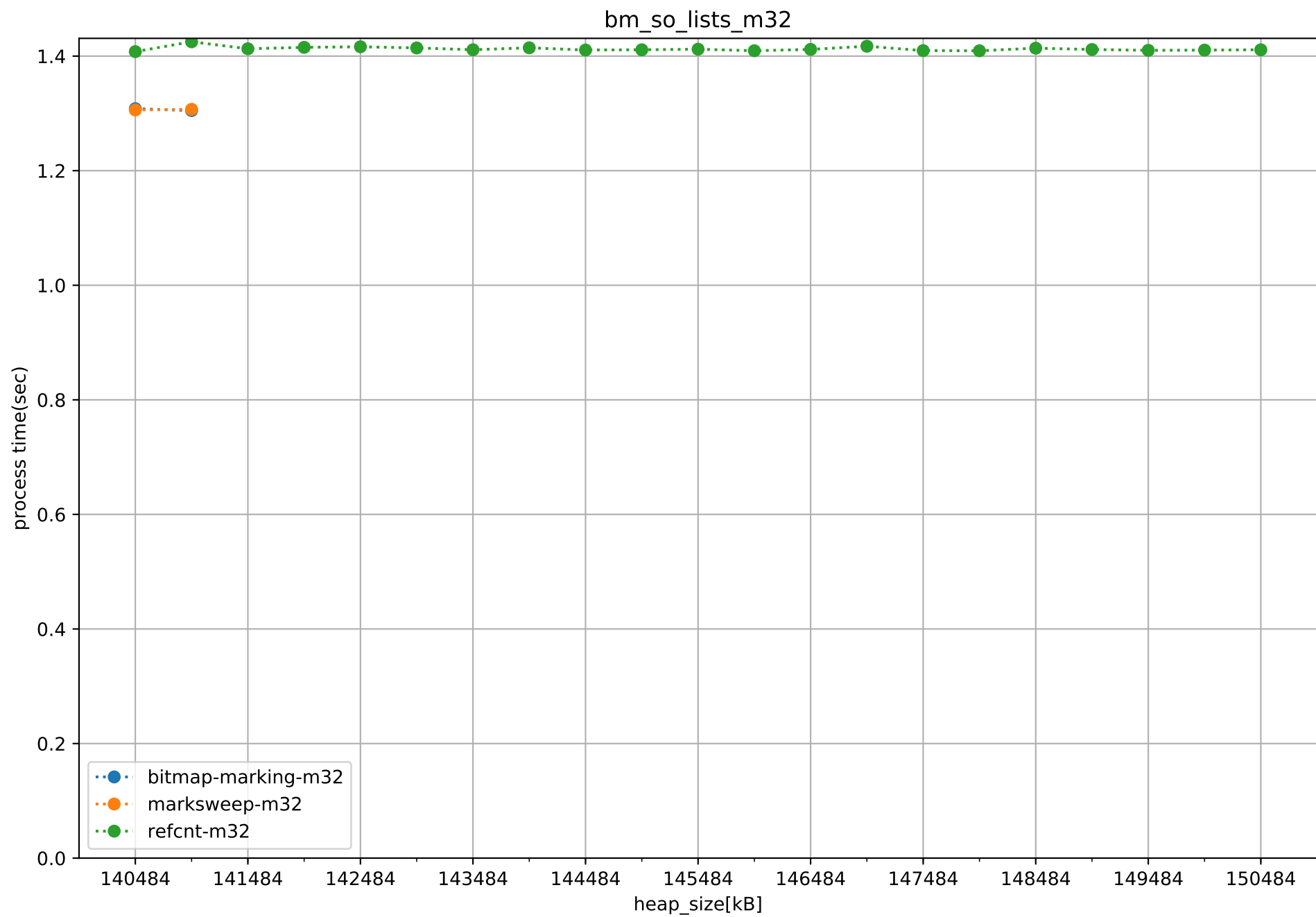
bm_so_lists_gctime markswEEP-measure-gc sweep time



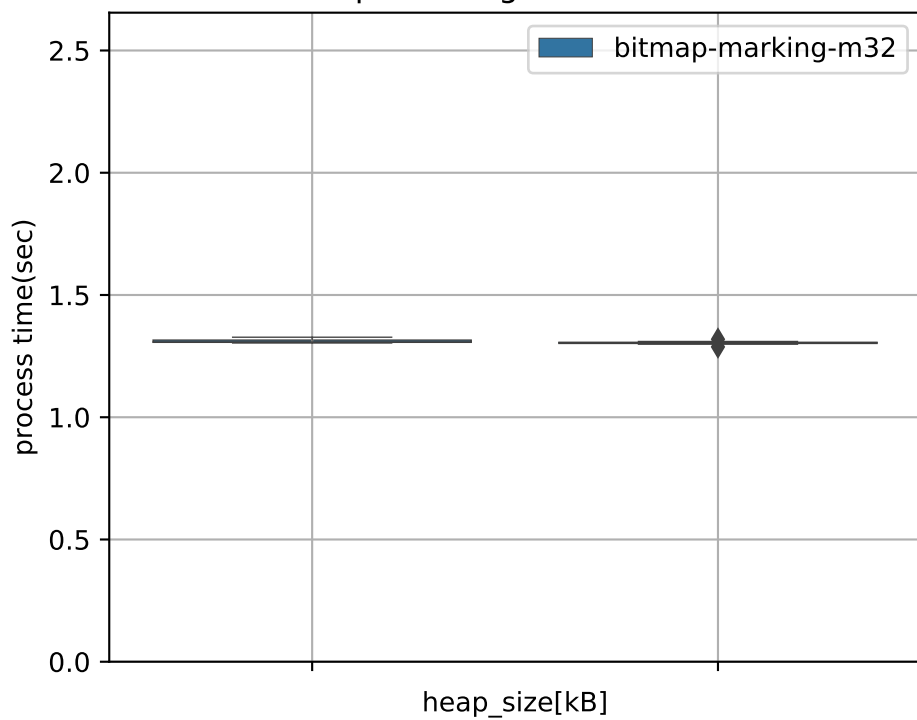
bm_so_lists_gctime markswEEP-measure-gc gc time



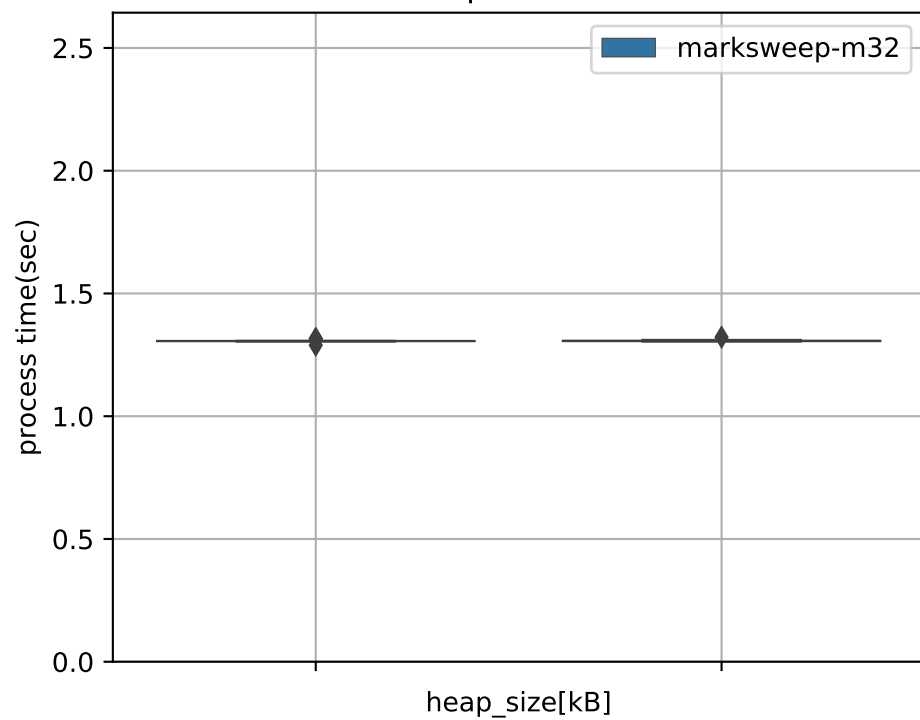




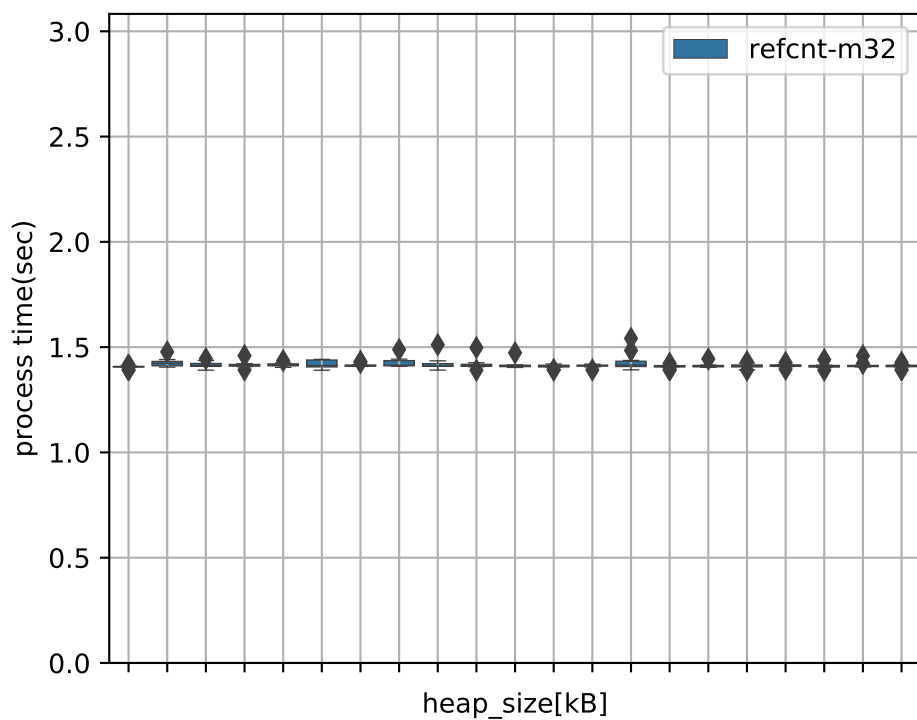
bitmap-marking-m32 total time

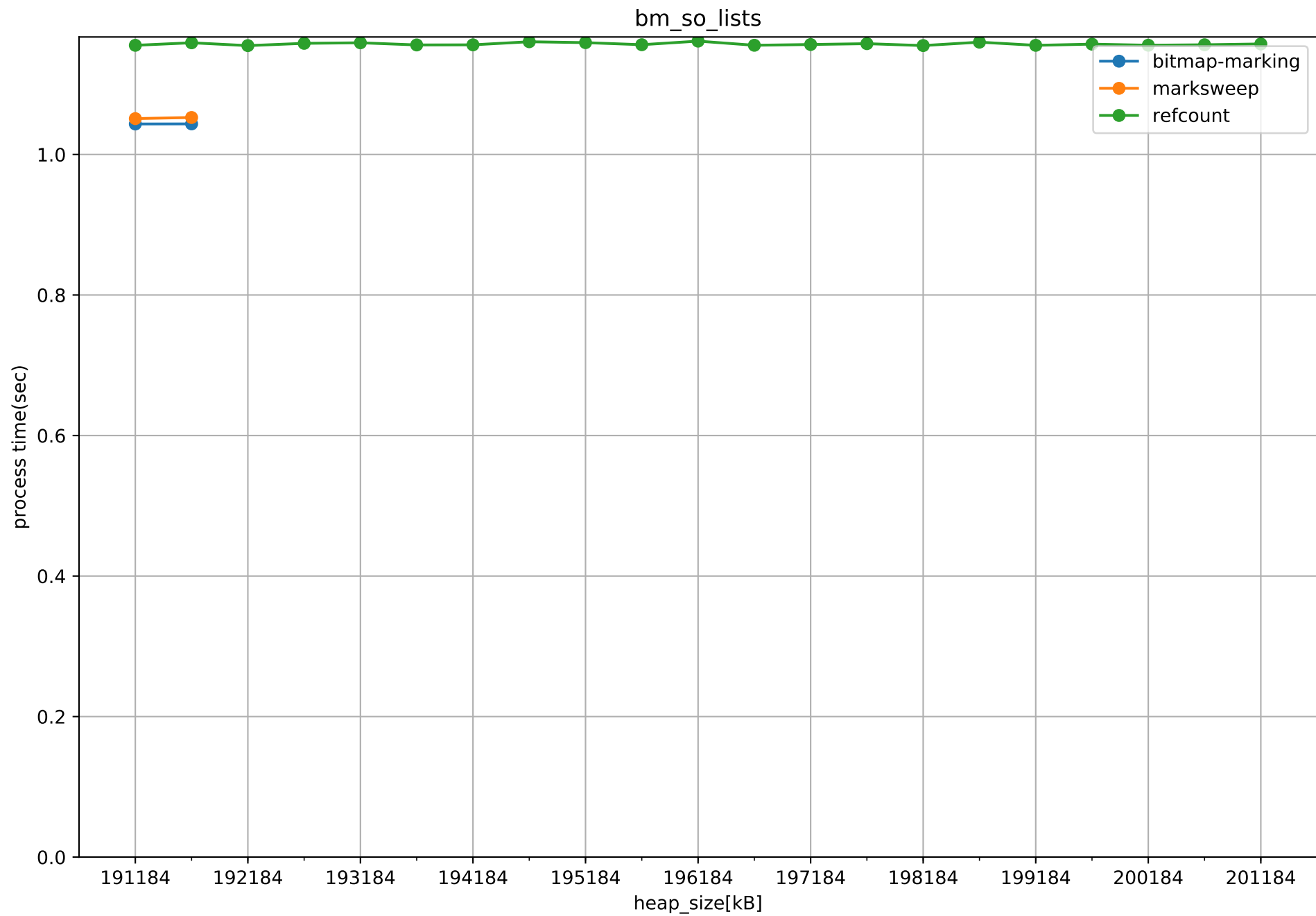


marksweep-m32 total time

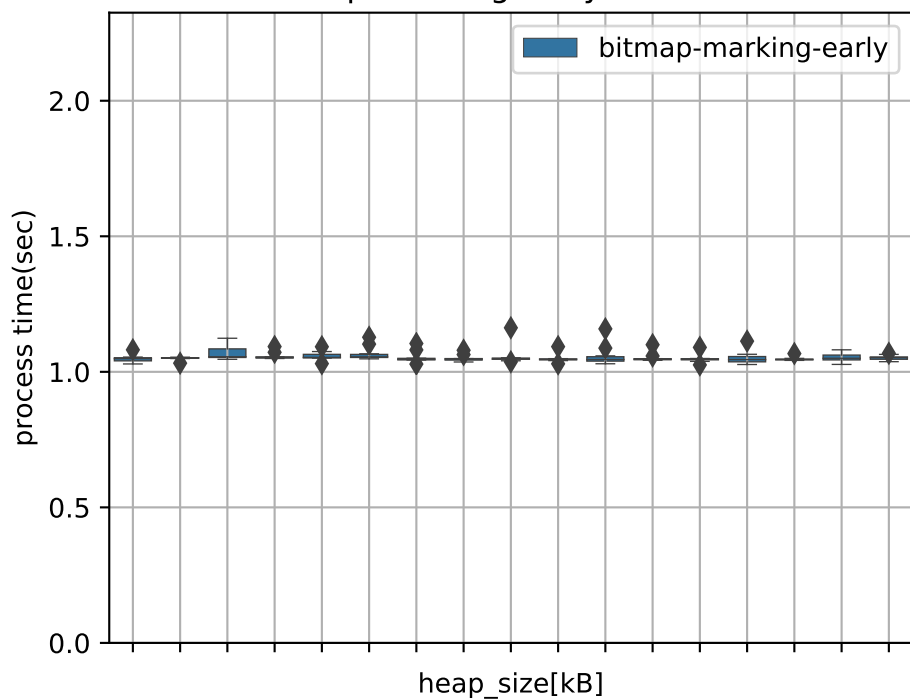


refcnt-m32 total time

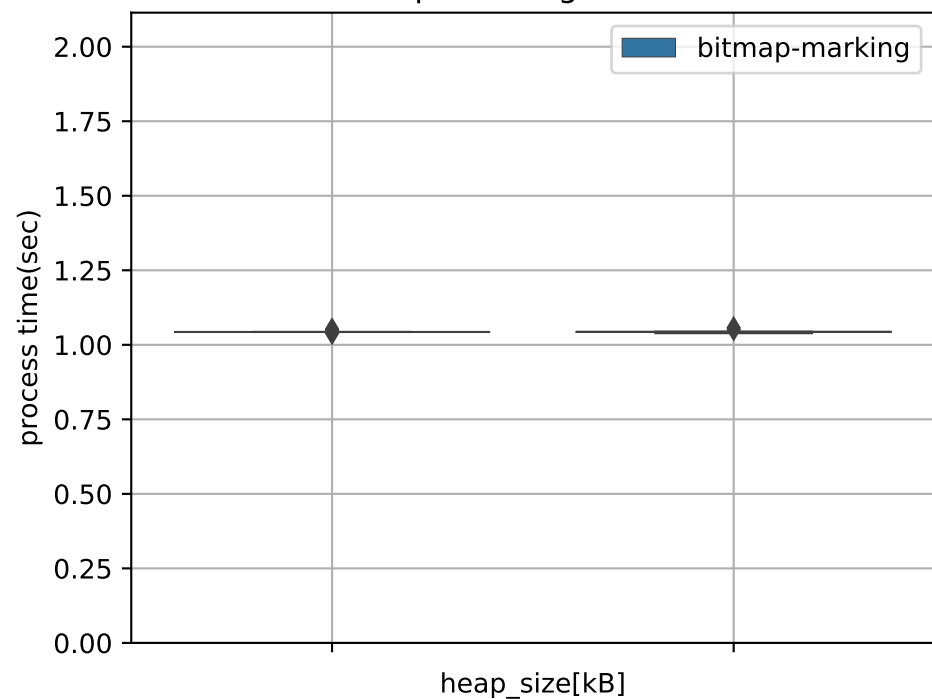




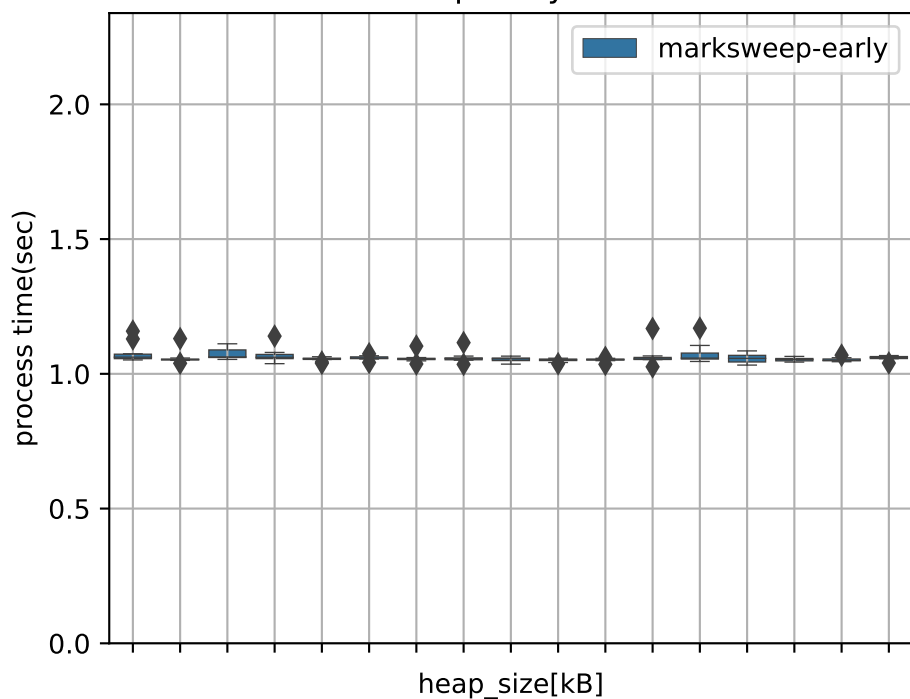
bitmap-marking-early total time



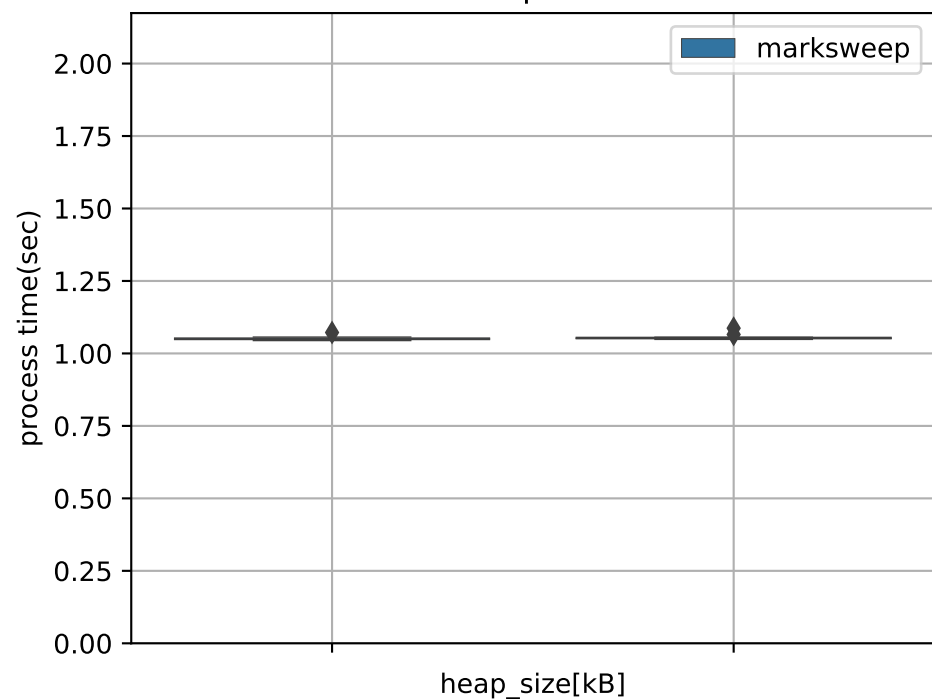
bitmap-marking total time



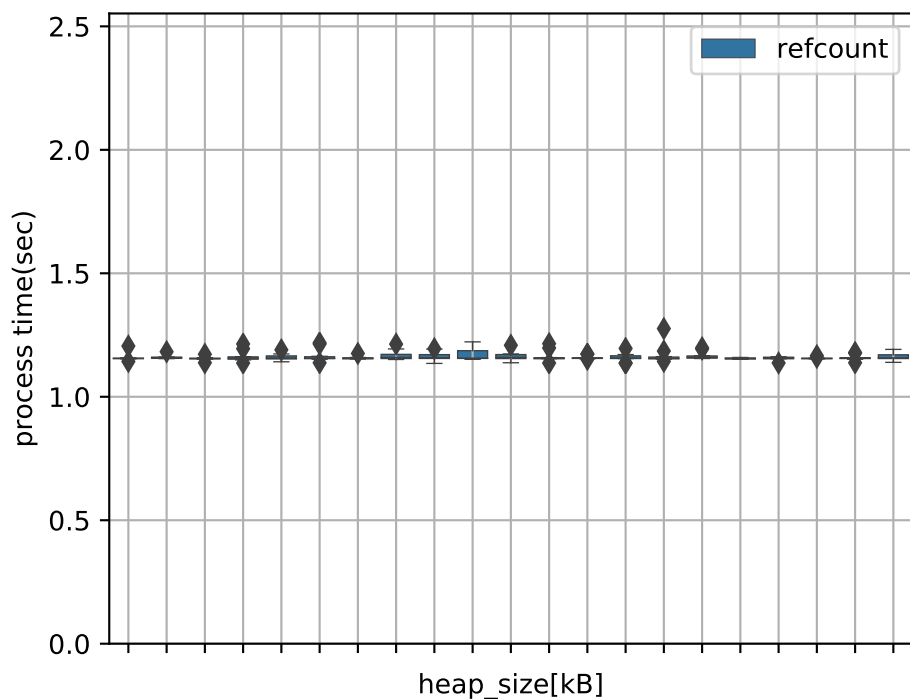
marksweep-early total time



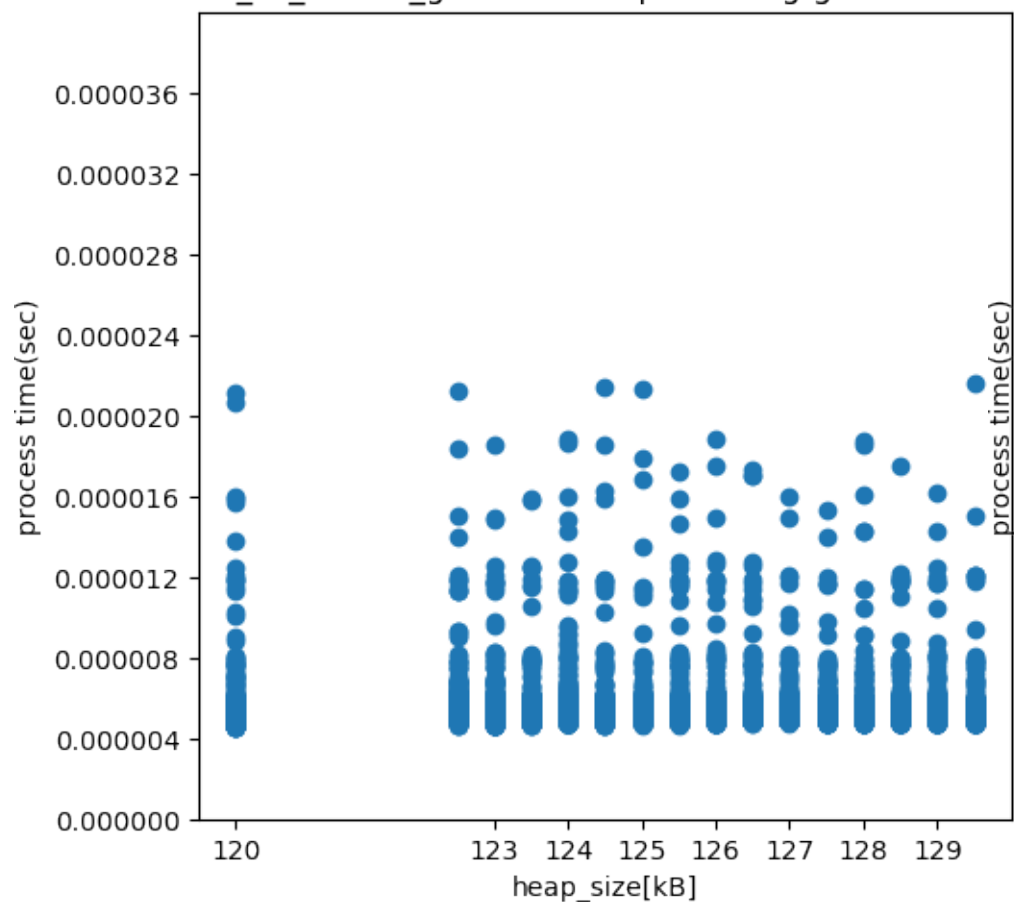
marksweep total time



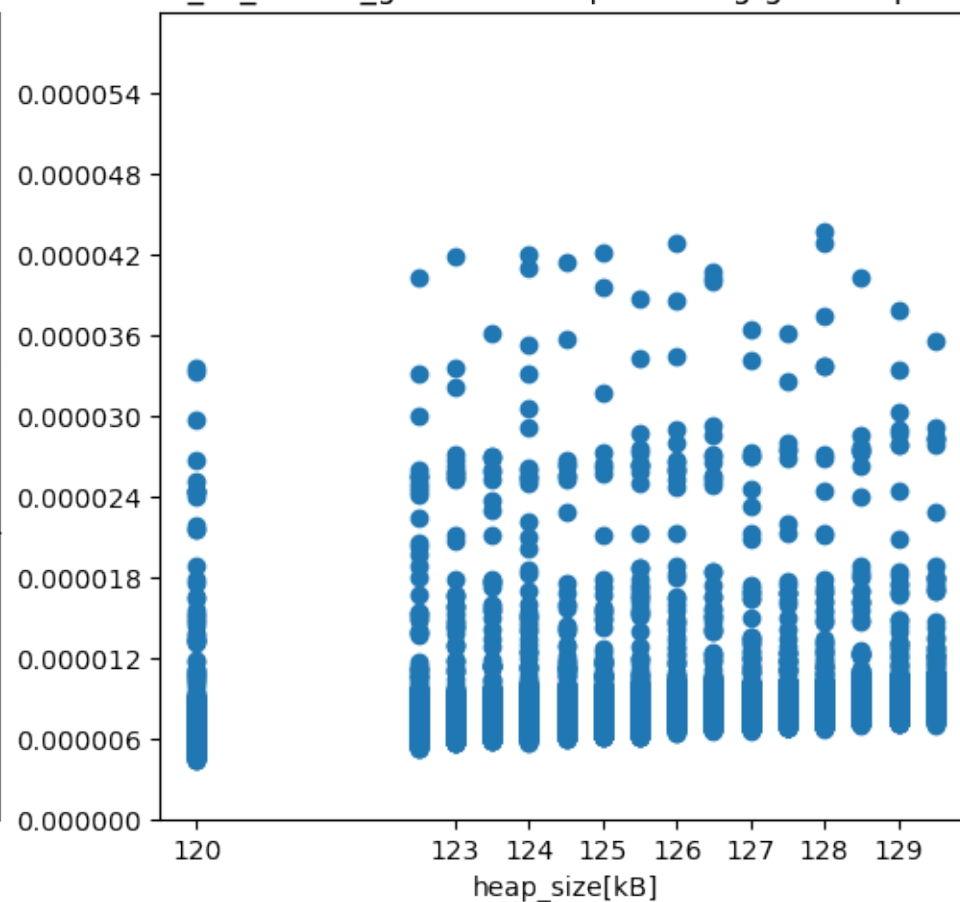
refcount total time



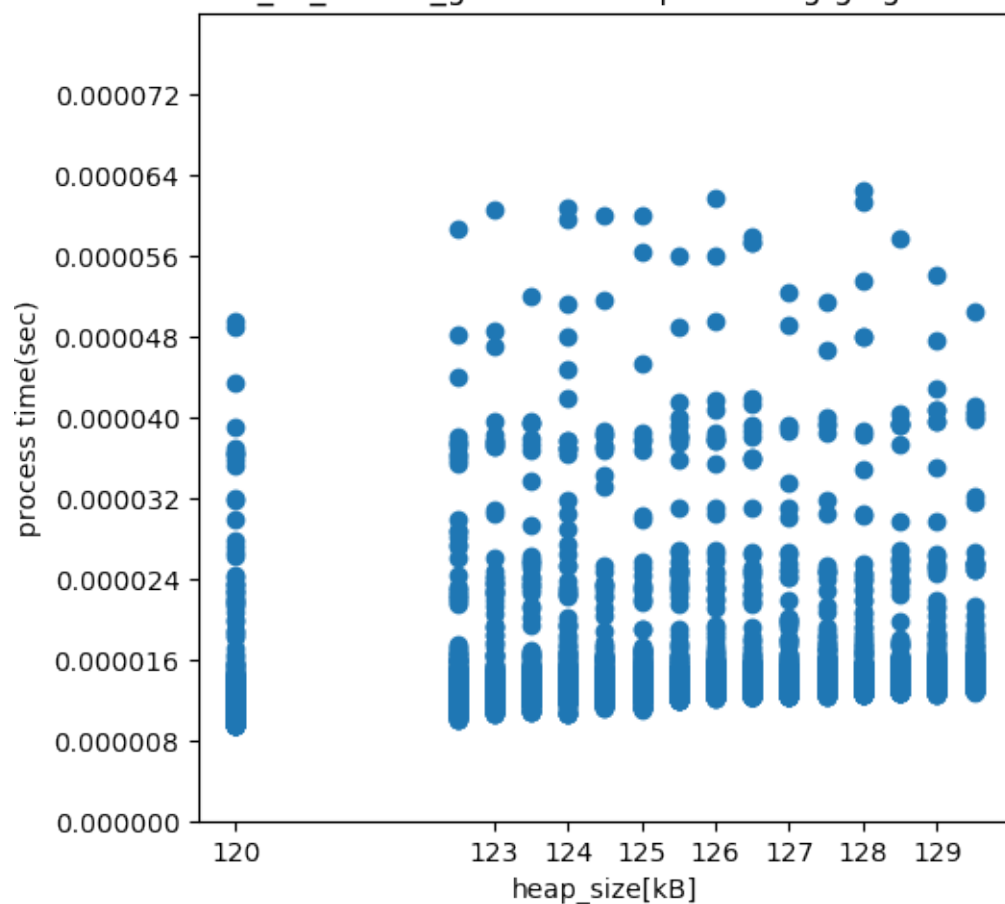
bm_so_matrix_gctime bitmap-marking-gc mark time



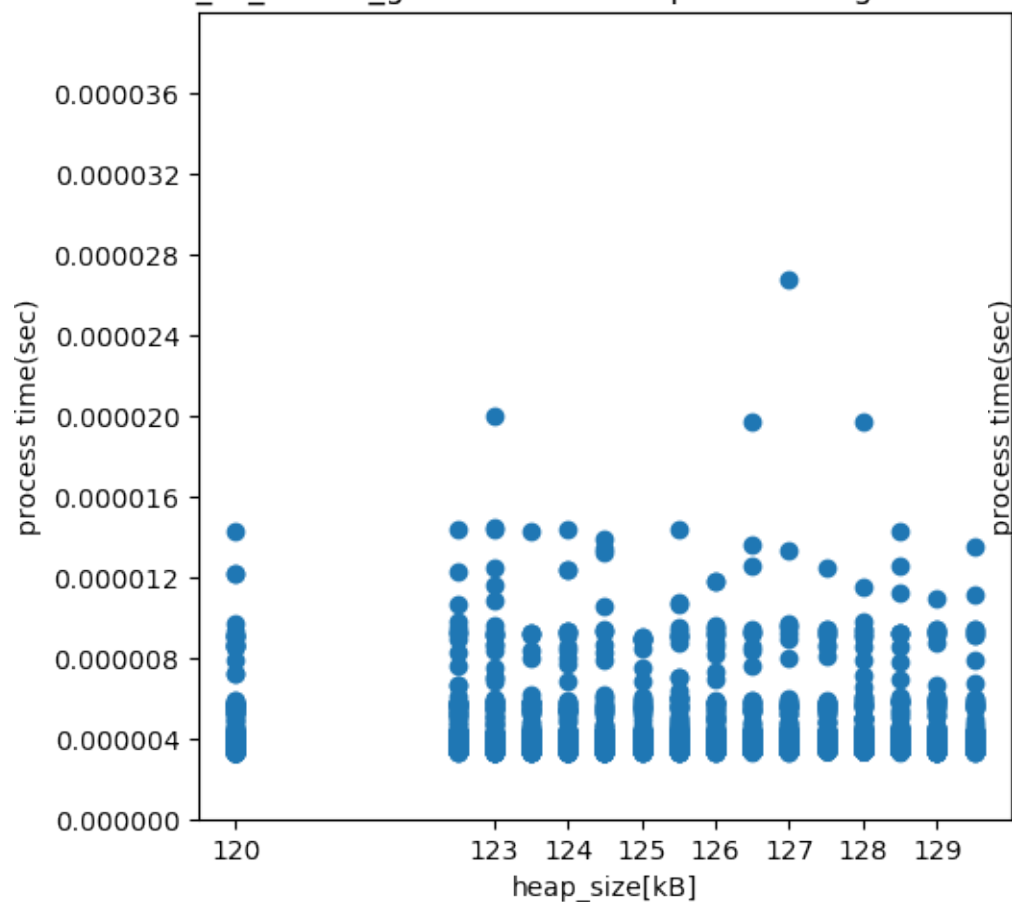
bm_so_matrix_gctime bitmap-marking-gc sweep time



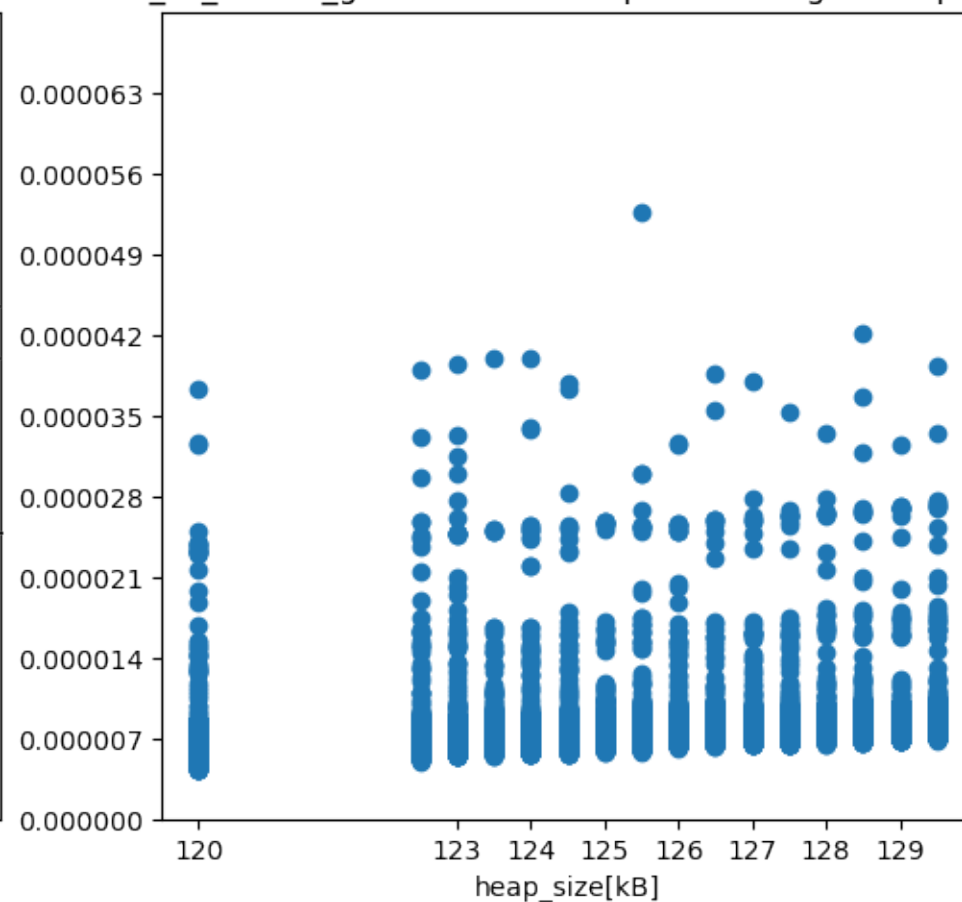
bm_so_matrix_gctime bitmap-marking-gc gc time



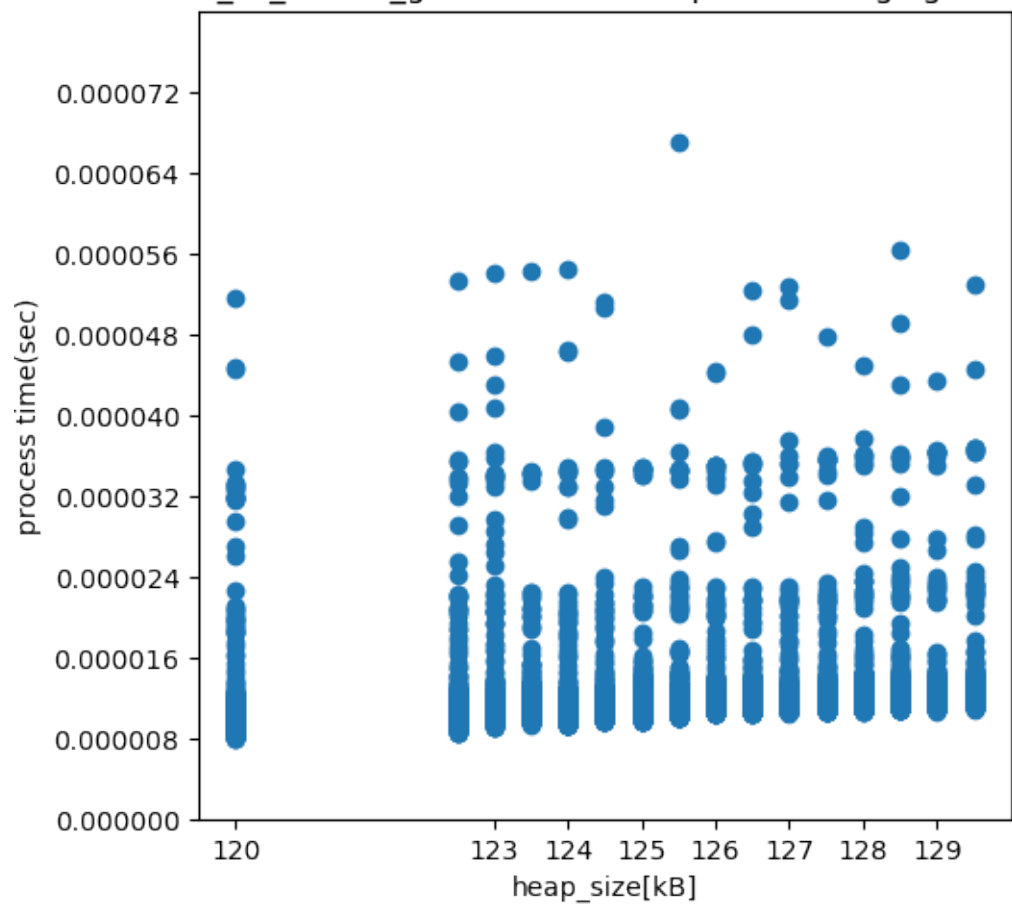
bm_so_matrix_gctime markswep-measure-gc mark time

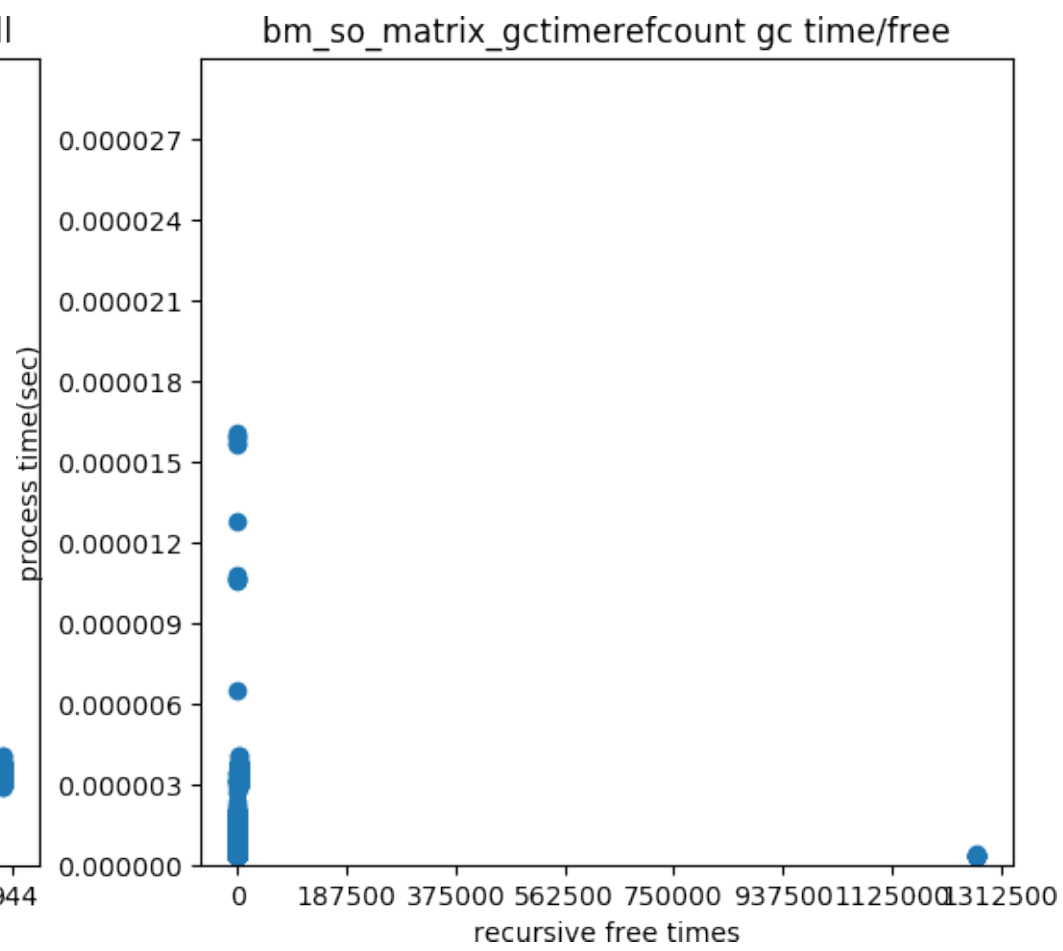
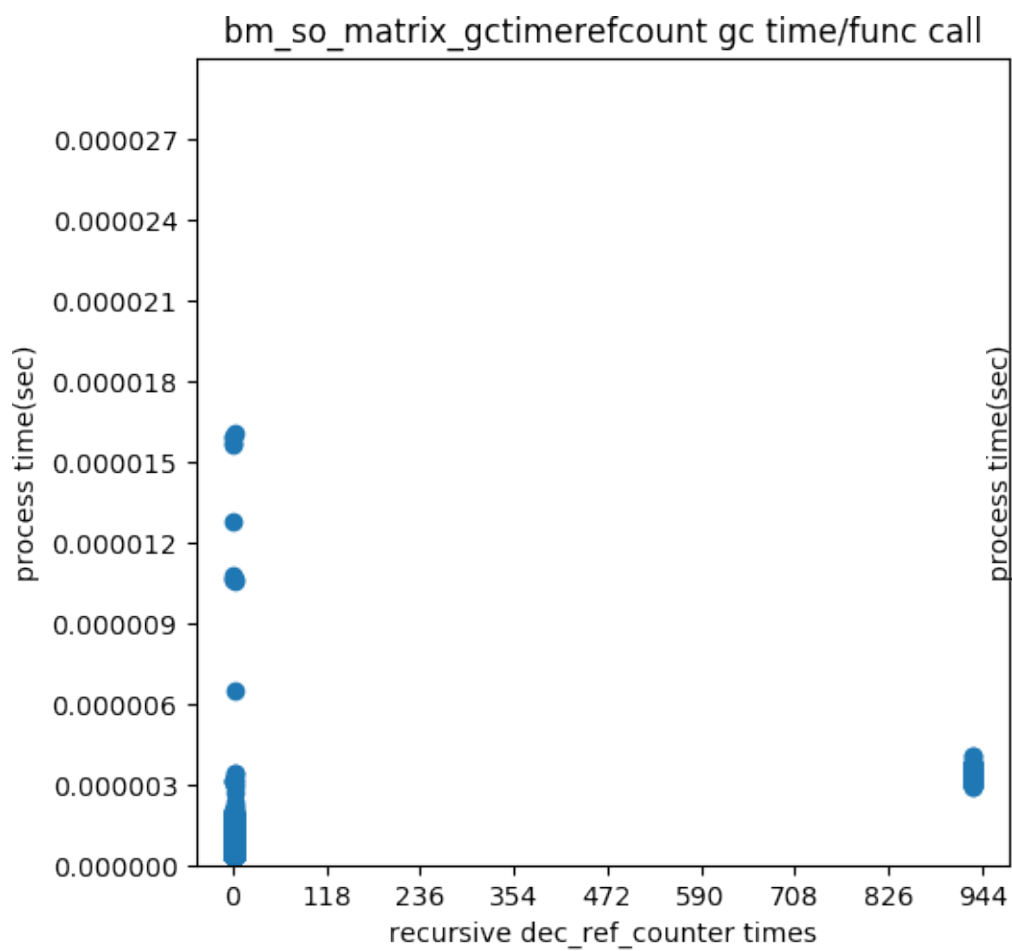


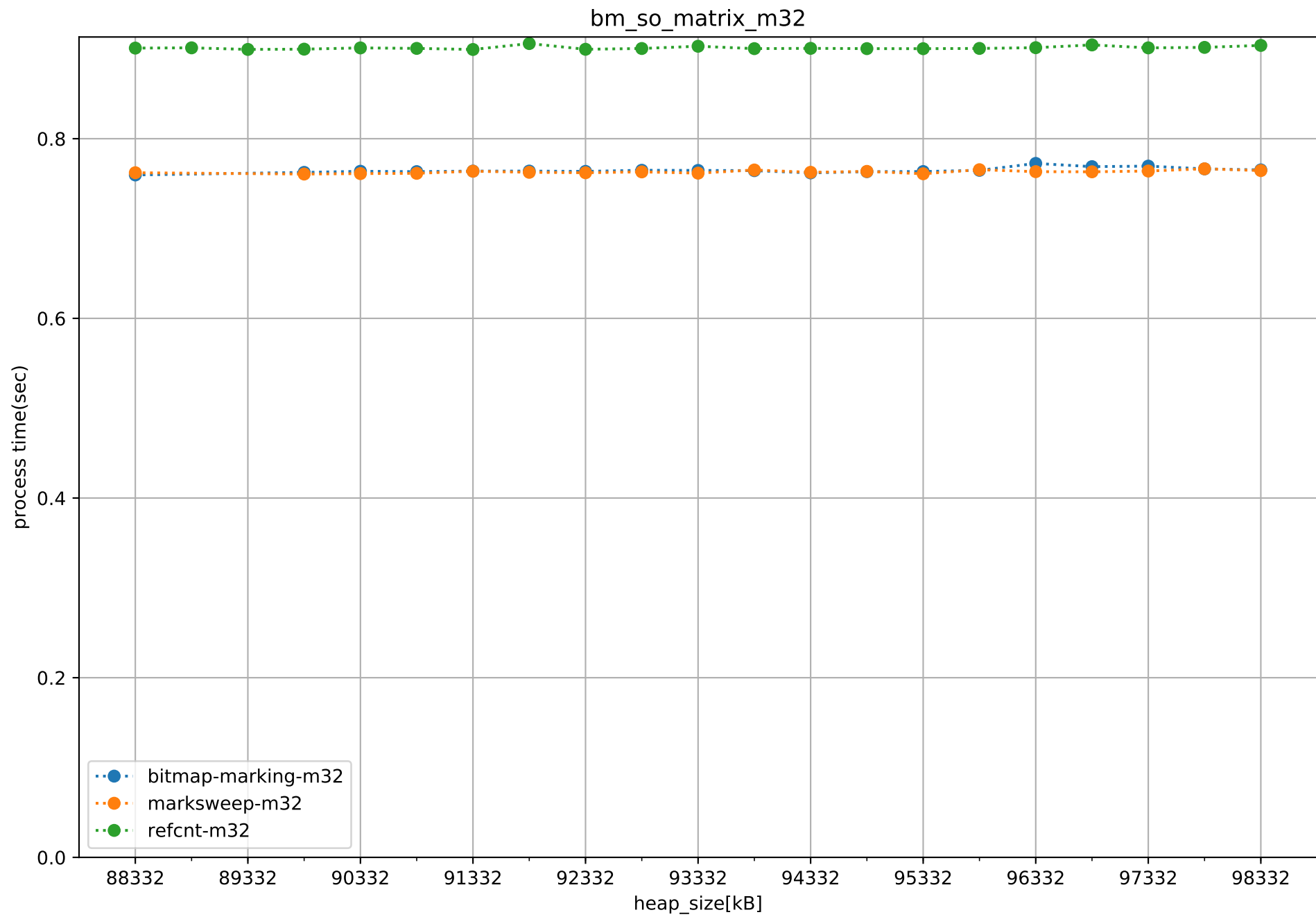
bm_so_matrix_gctime markswep-measure-gc sweep time



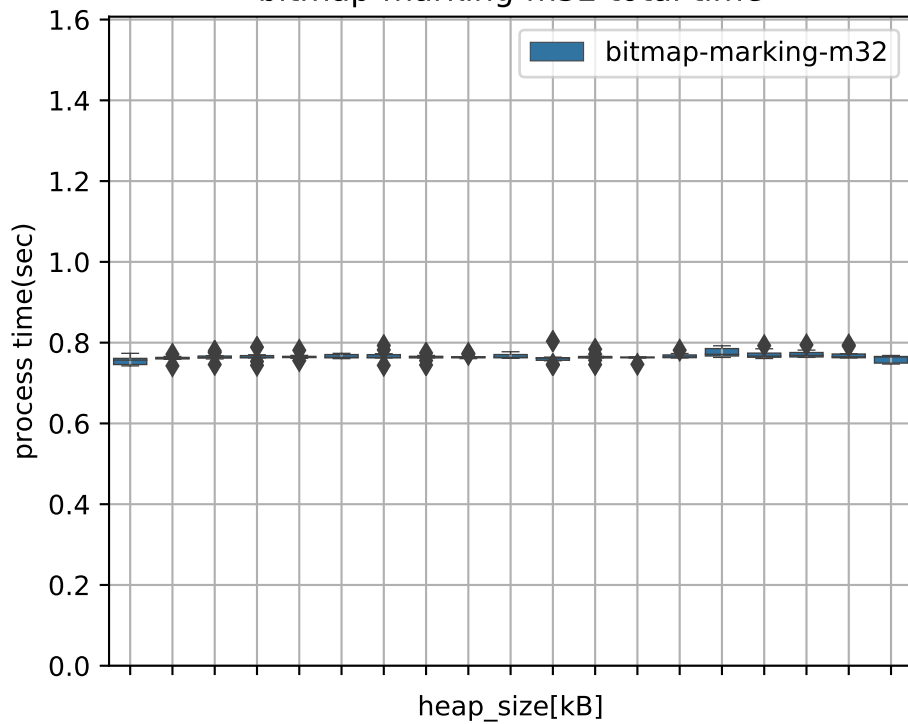
bm_so_matrix_gctime markswep-measure-gc gc time



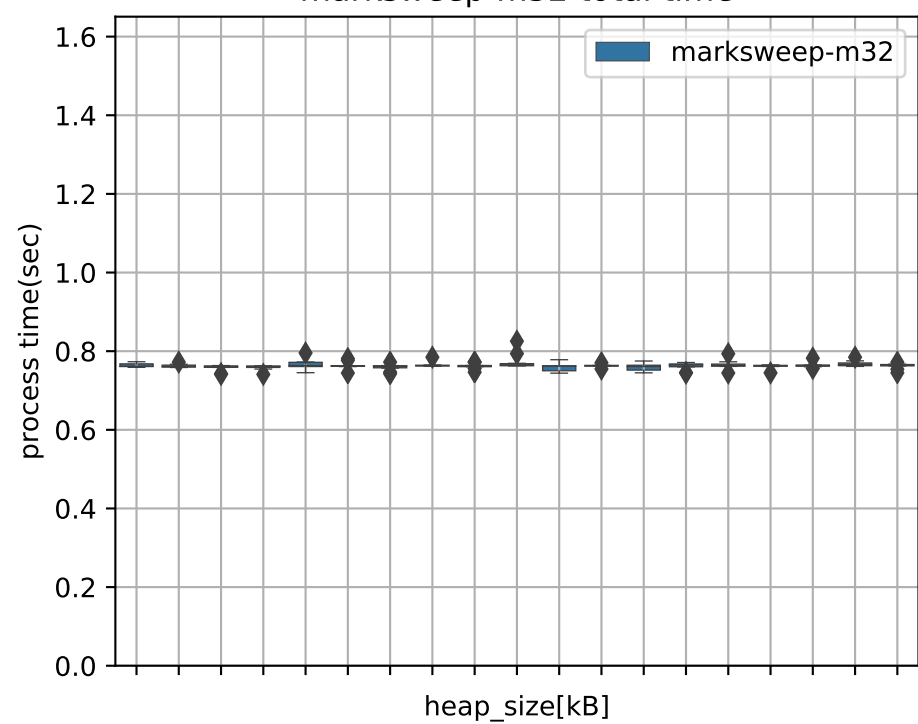




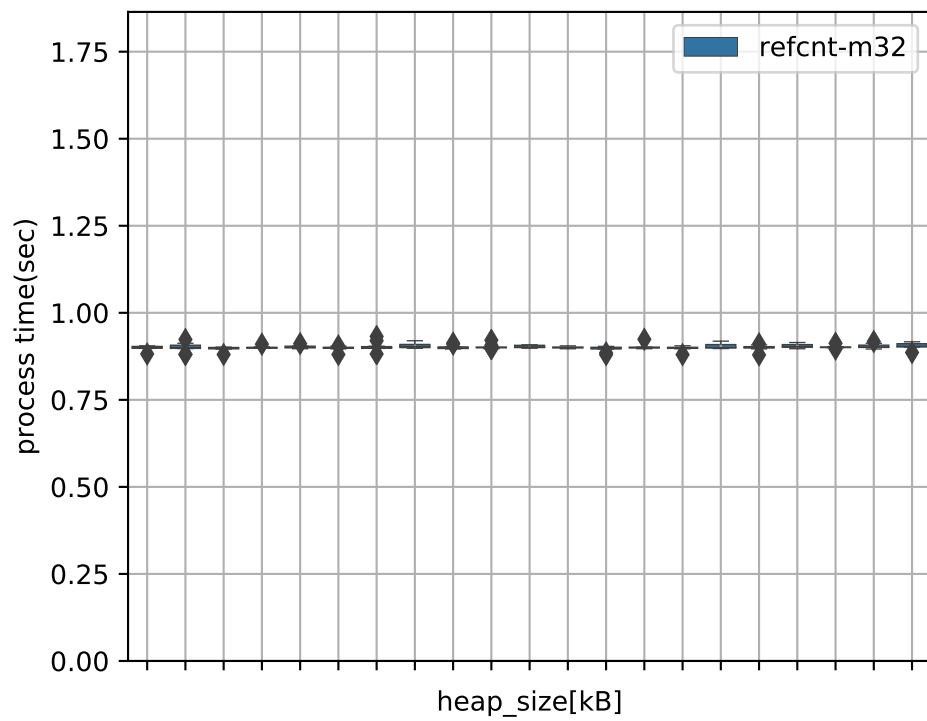
bitmap-marking-m32 total time

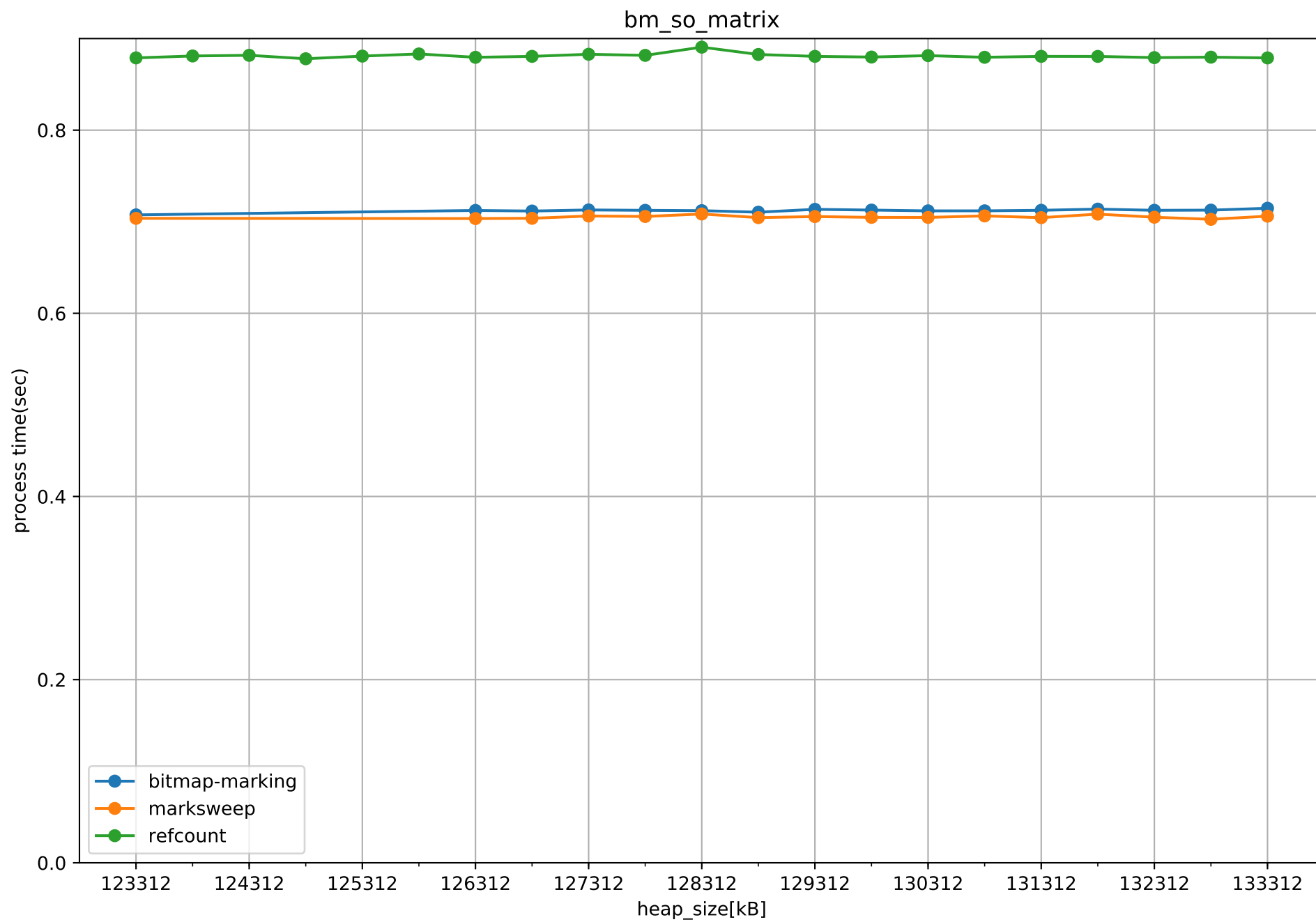


marksweep-m32 total time

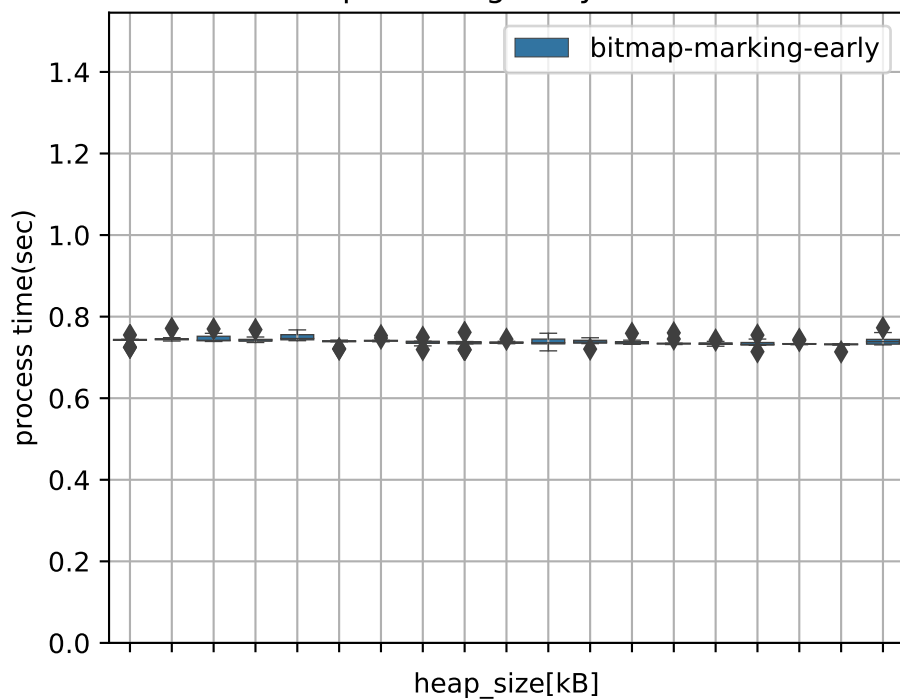


refcnt-m32 total time

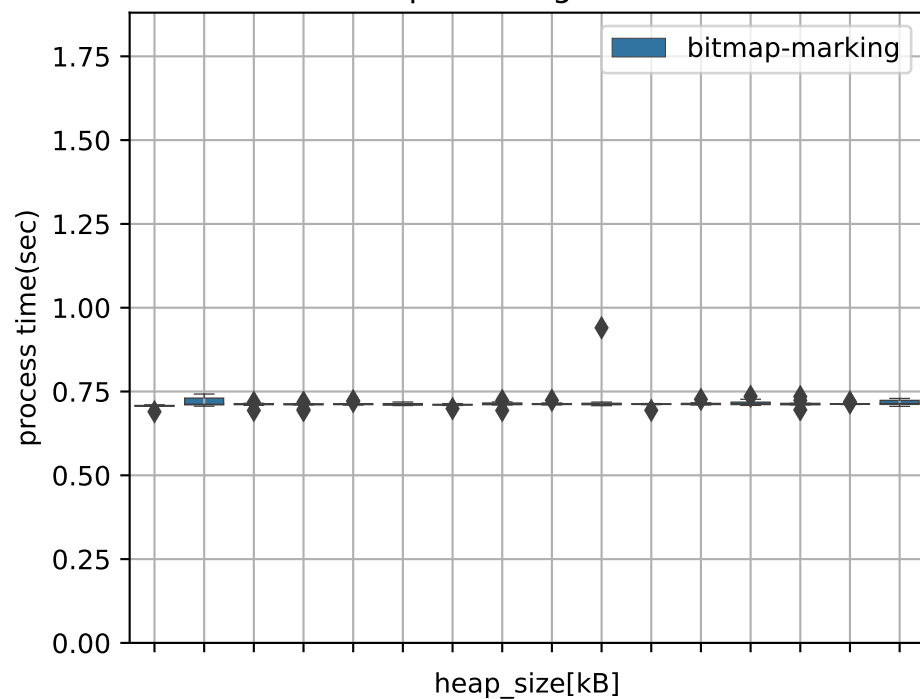




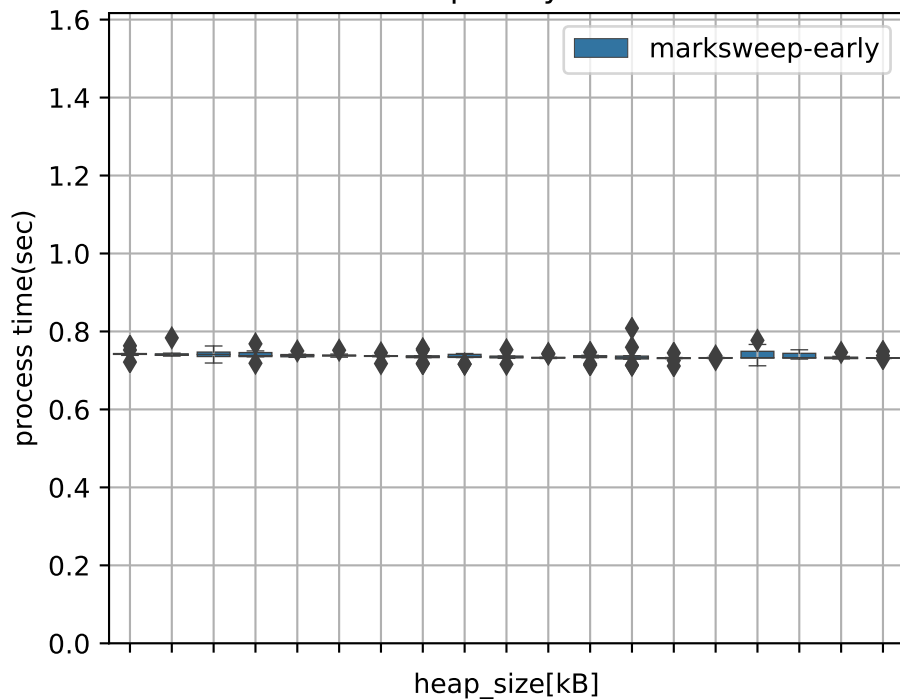
bitmap-marking-early total time



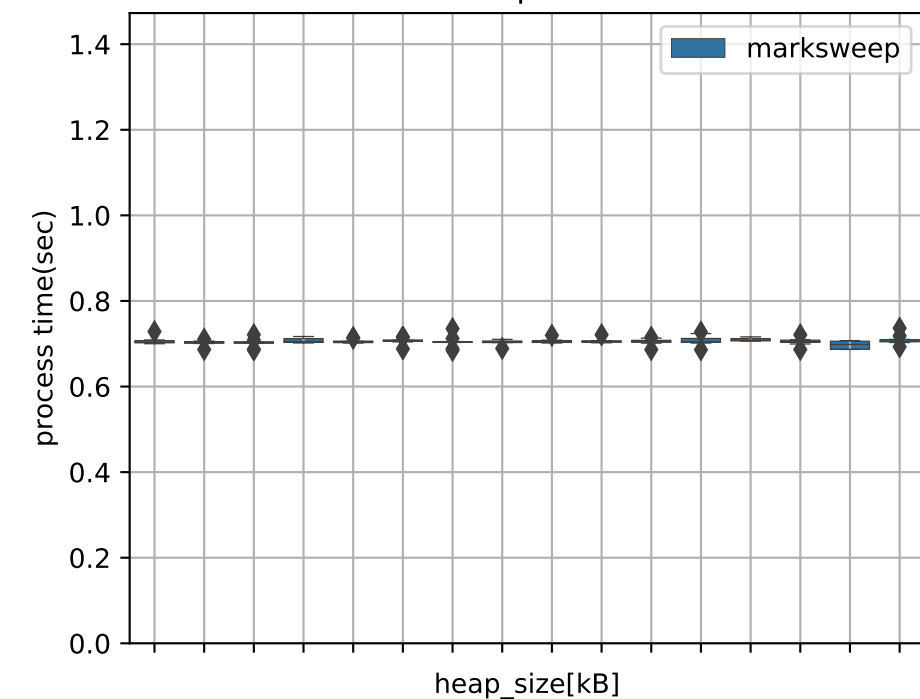
bitmap-marking total time



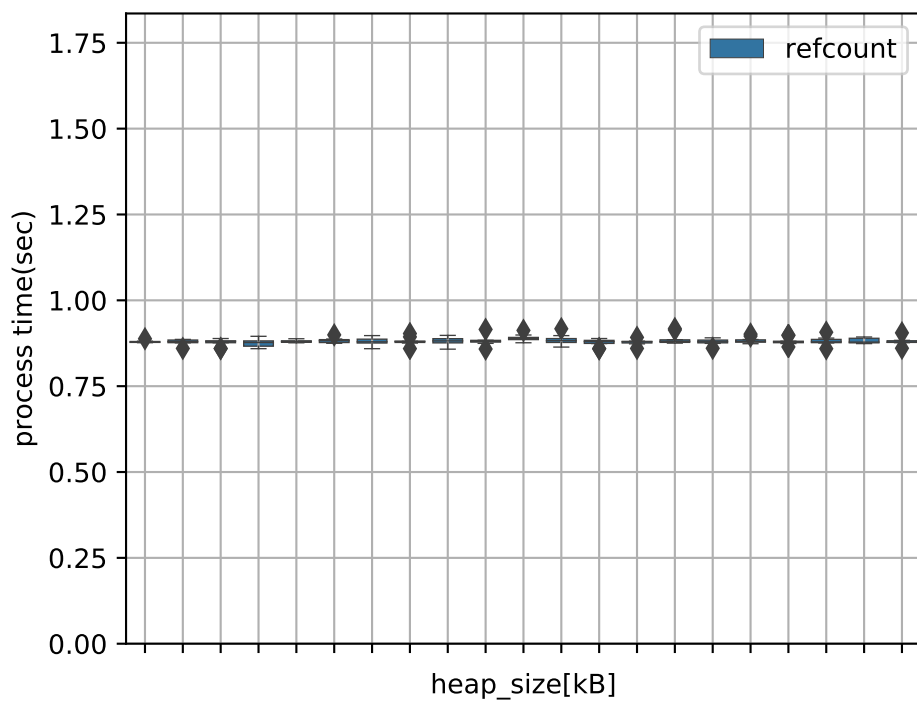
marksweep-early total time



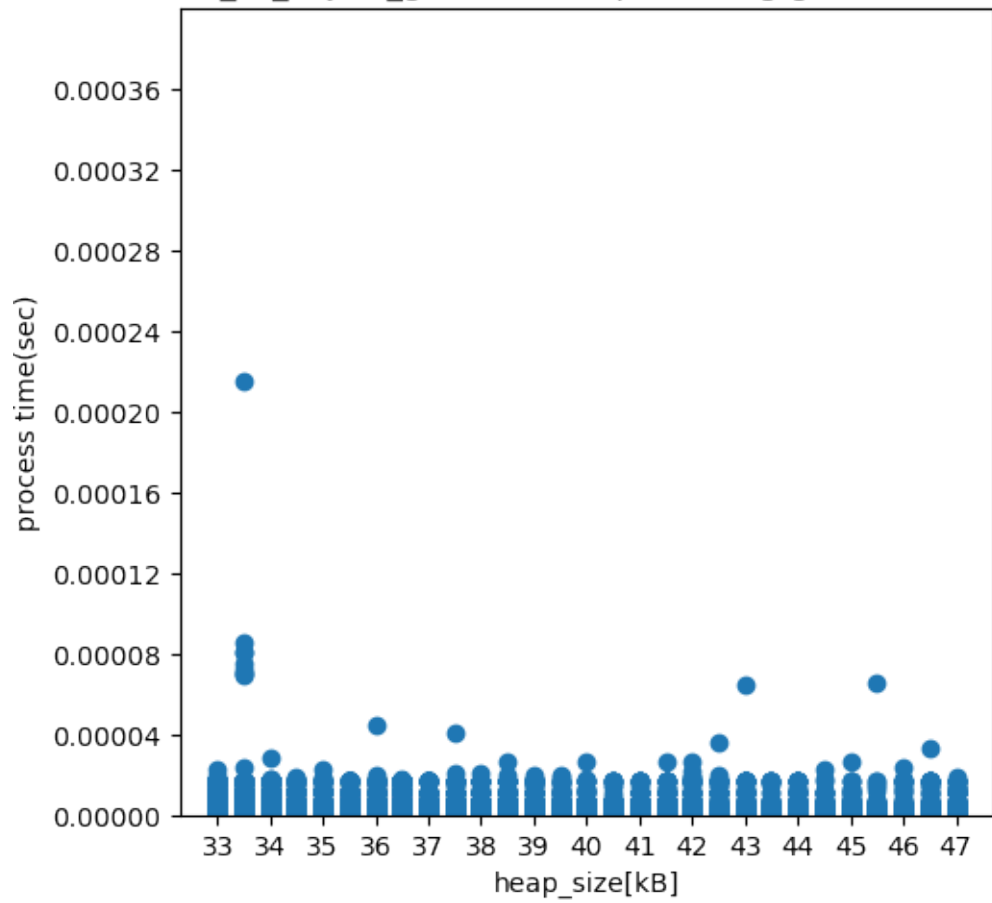
marksweep total time



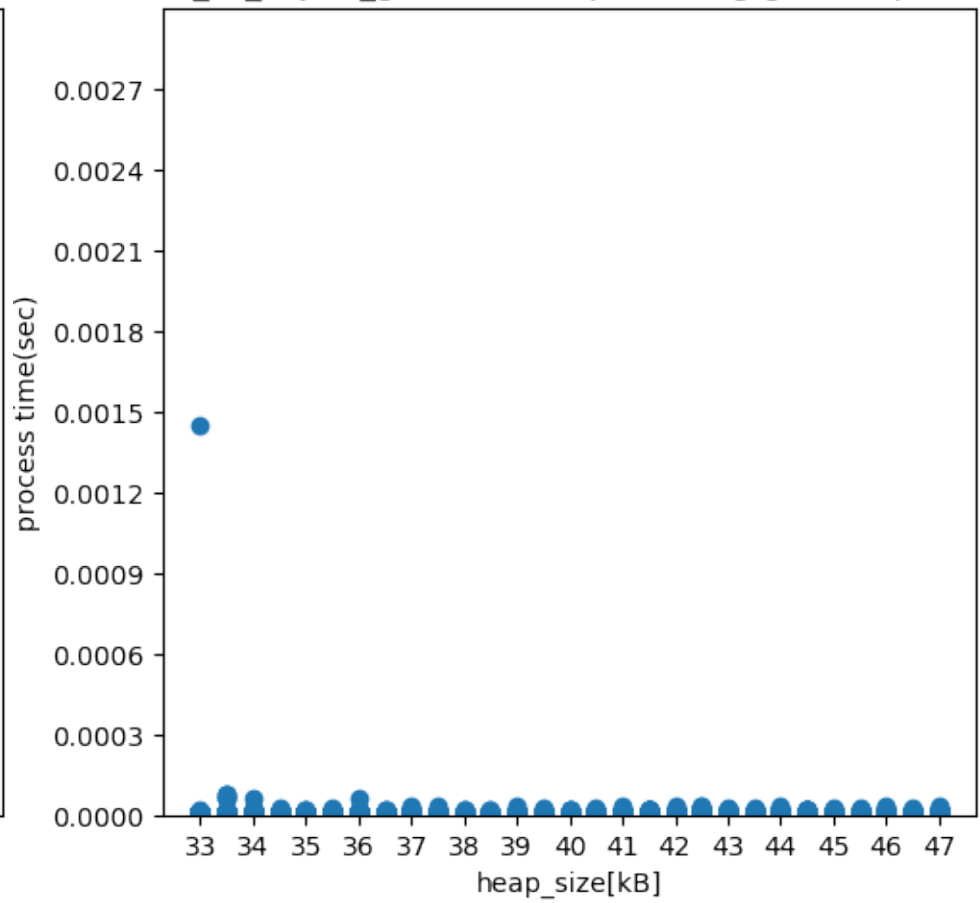
refcount total time



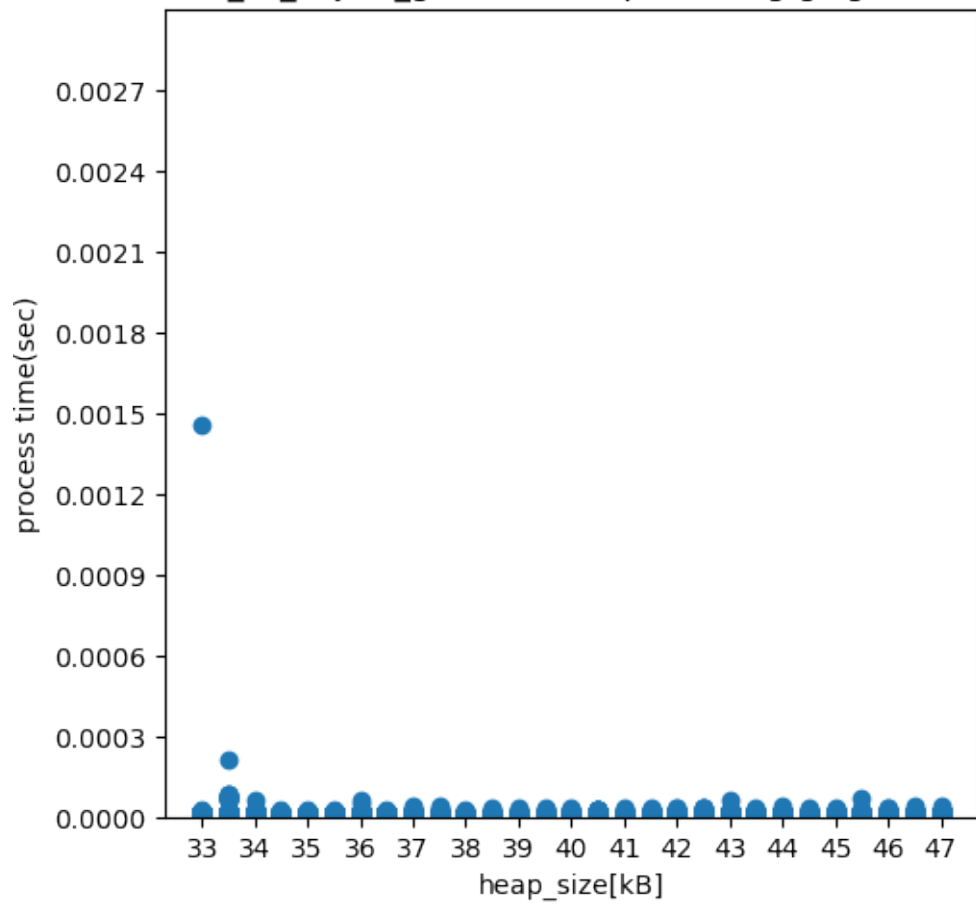
bm_so_object_gctime bitmap-marking-gc mark time



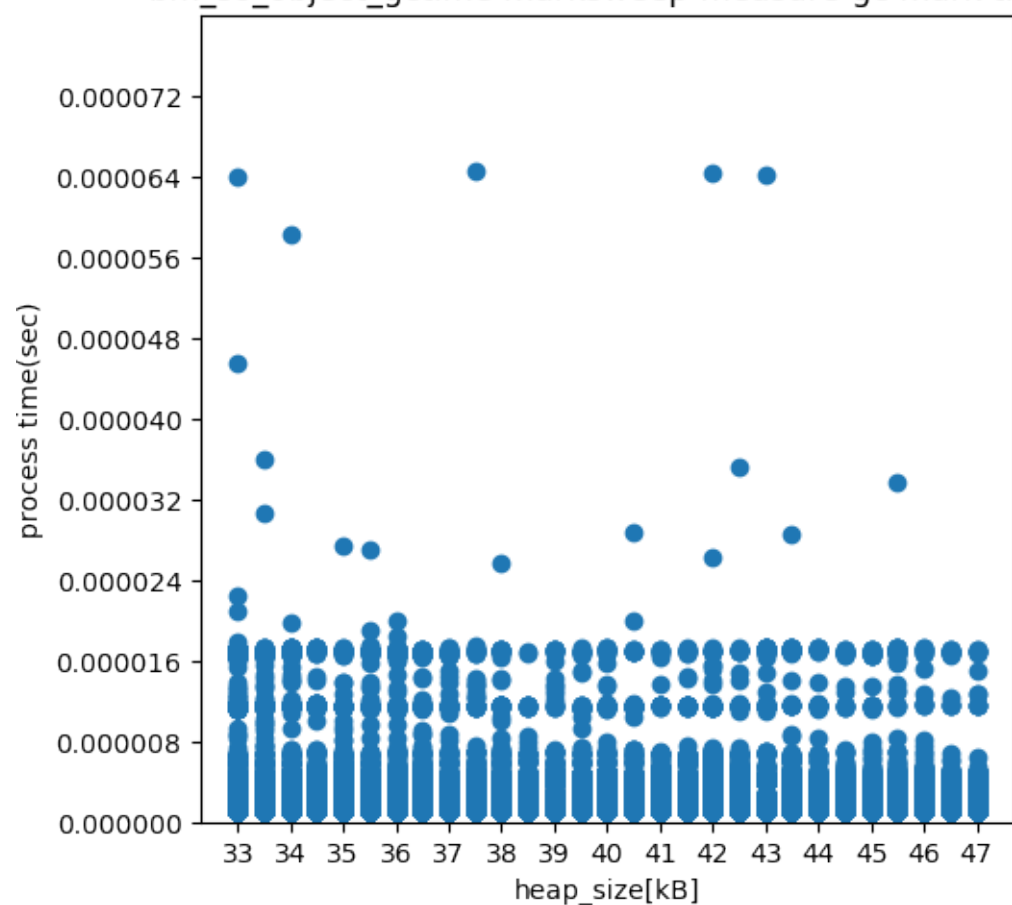
bm_so_object_gctime bitmap-marking-gc sweep time



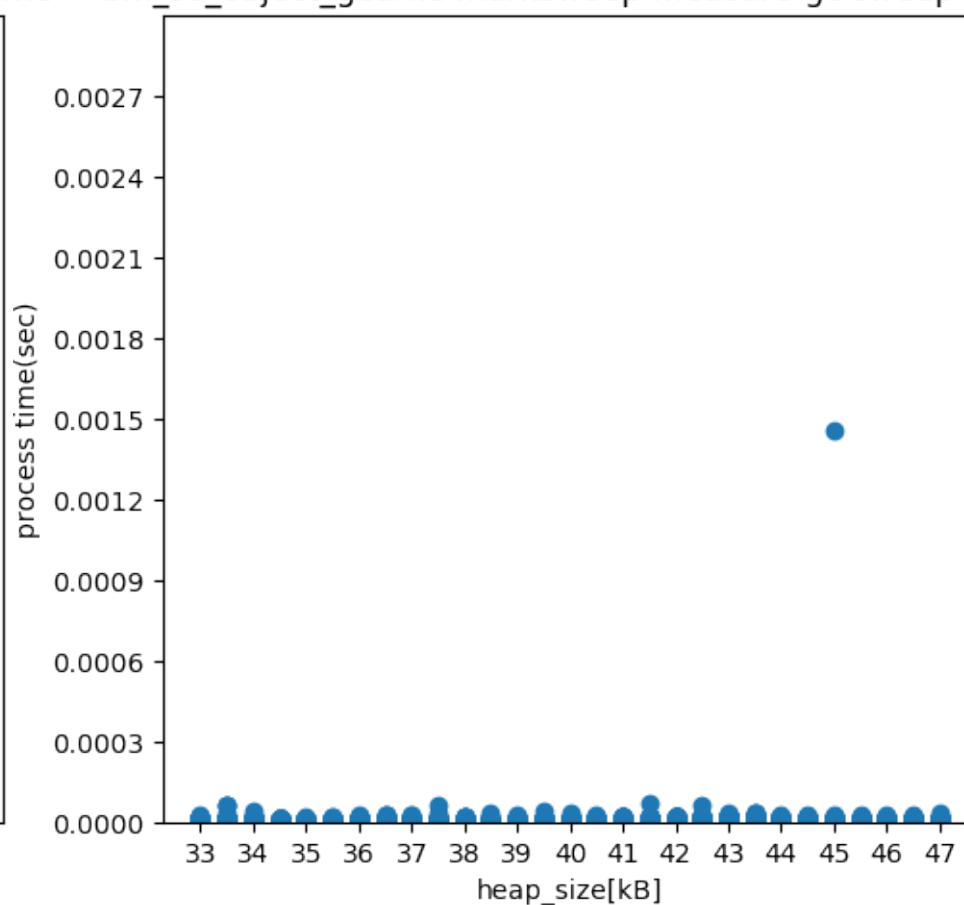
bm_so_object_gctime bitmap-marking-gc gc time



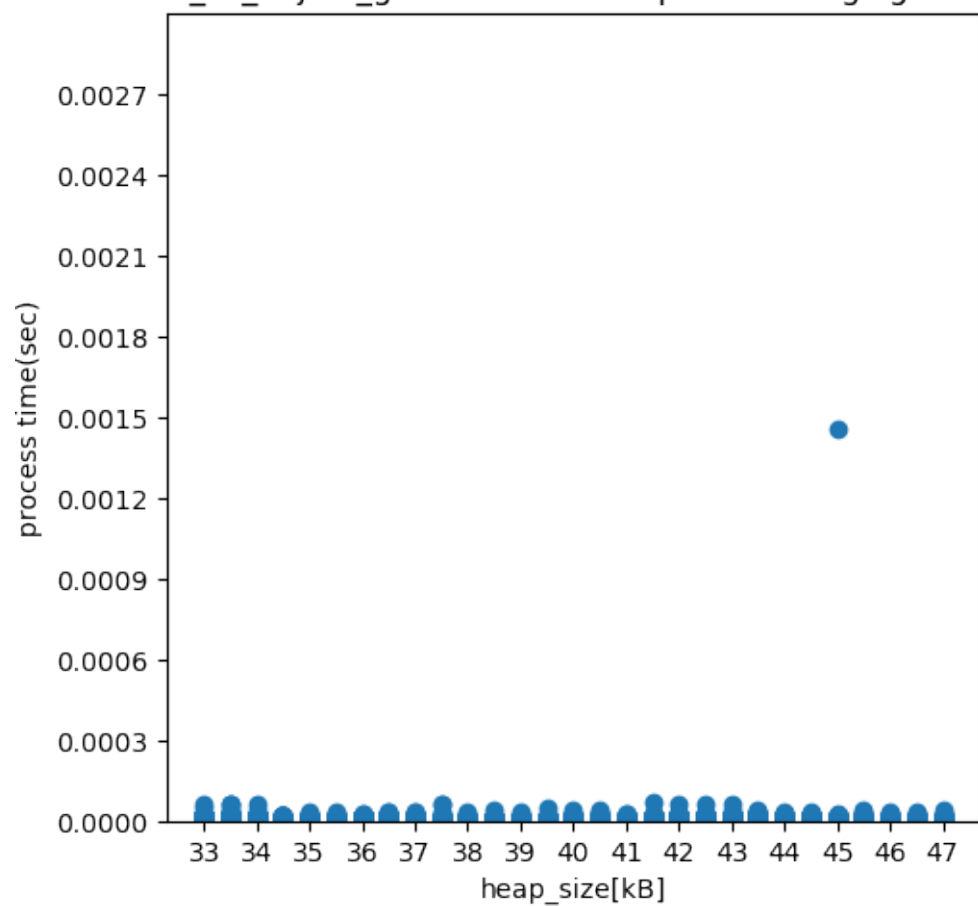
bm_so_object_gctime markswep-measure-gc mark time

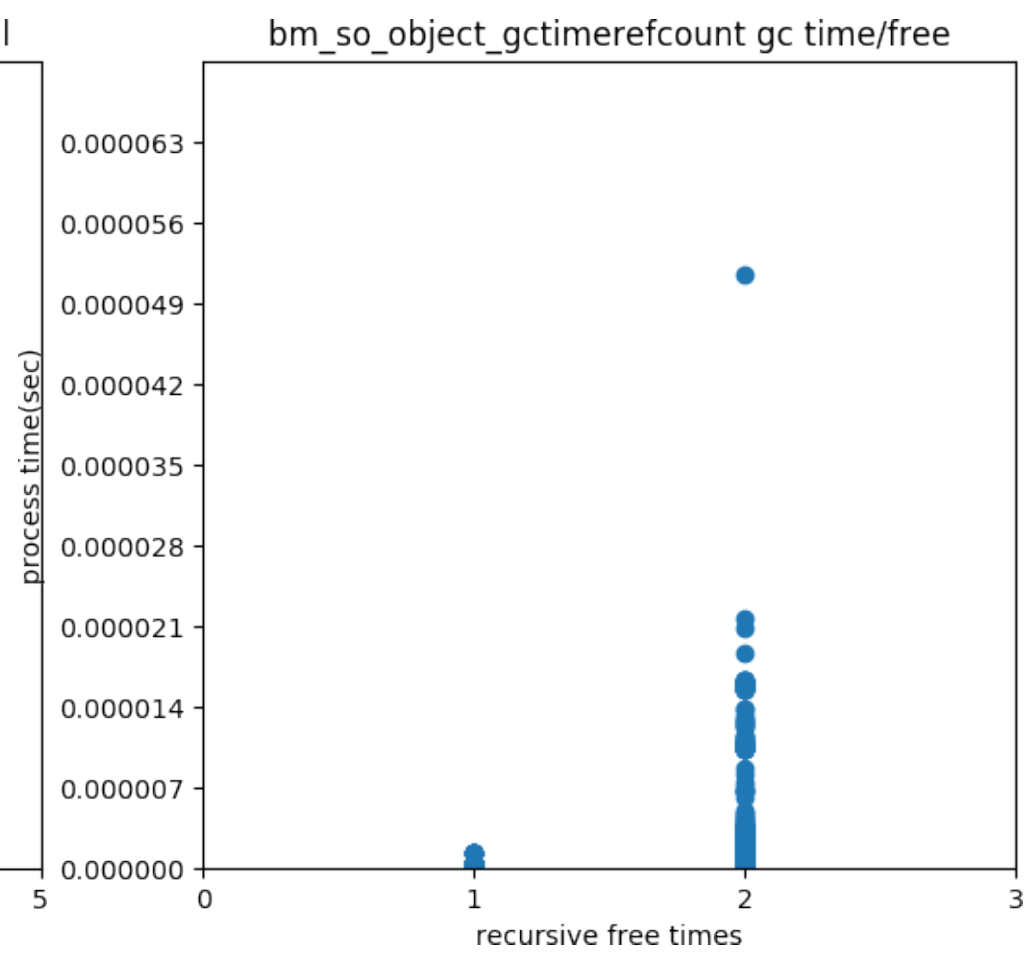
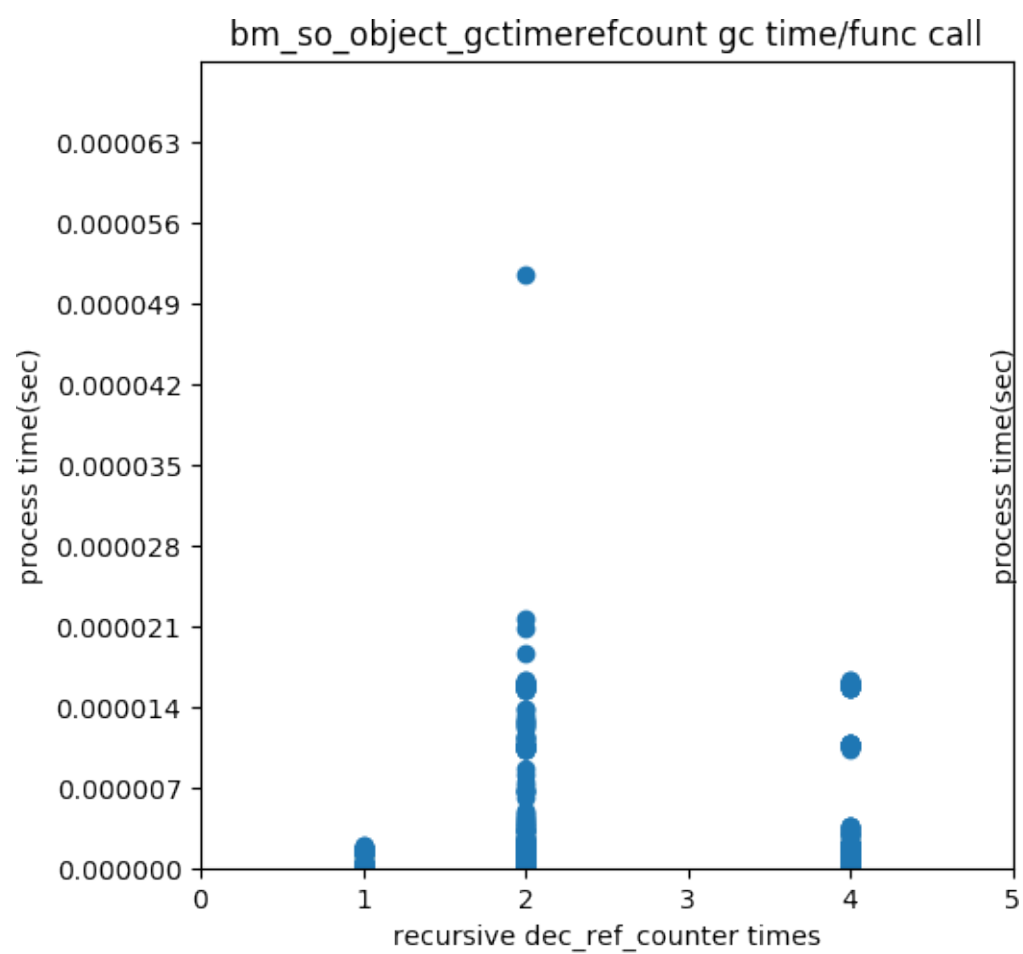


bm_so_object_gctime markswep-measure-gc sweep time

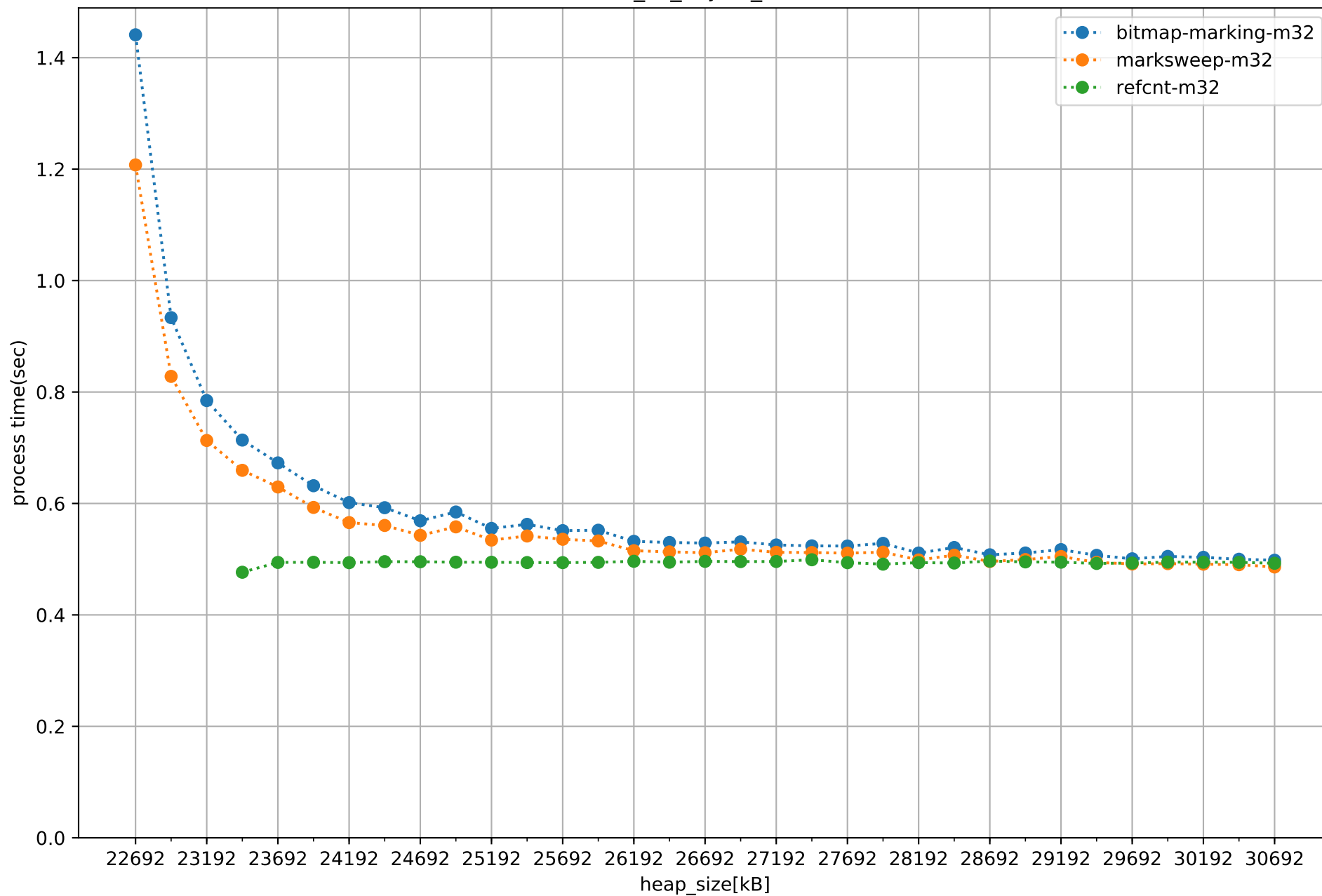


bm_so_object_gctime markswep-measure-gc gc time

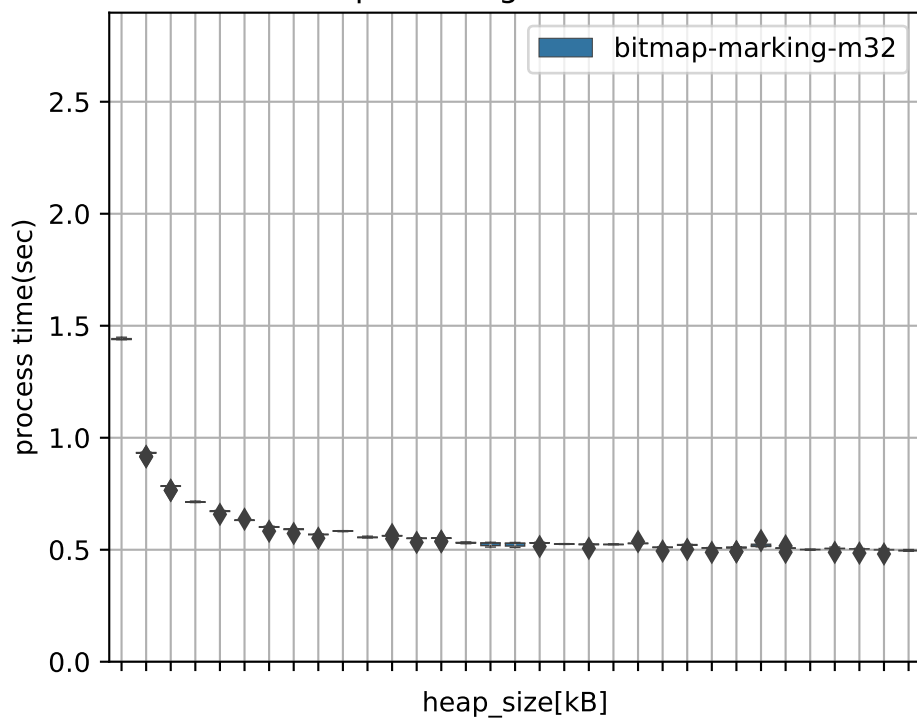




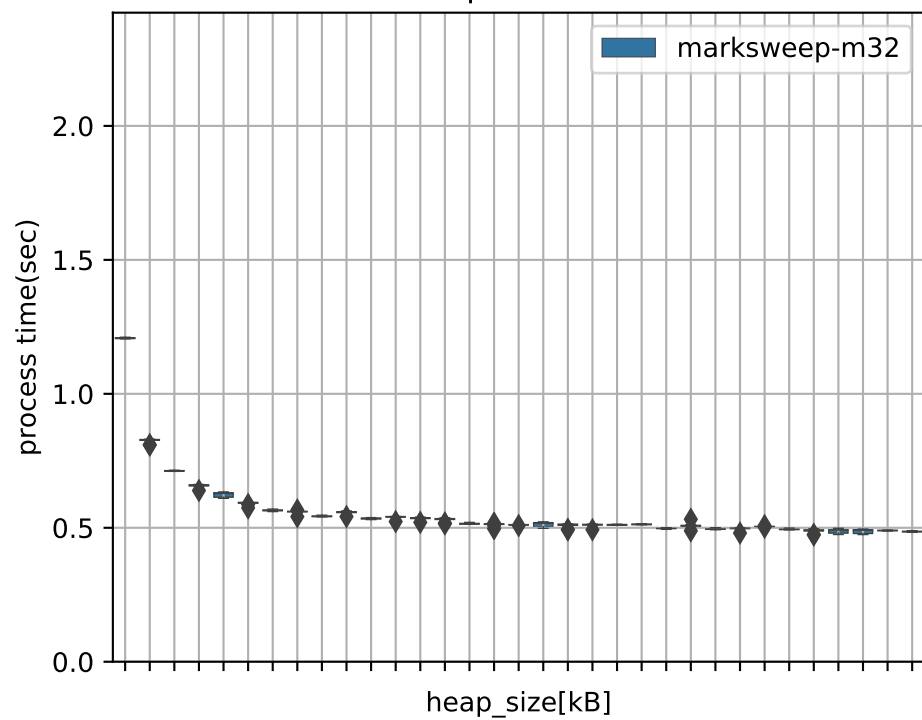
bm_so_object_m32



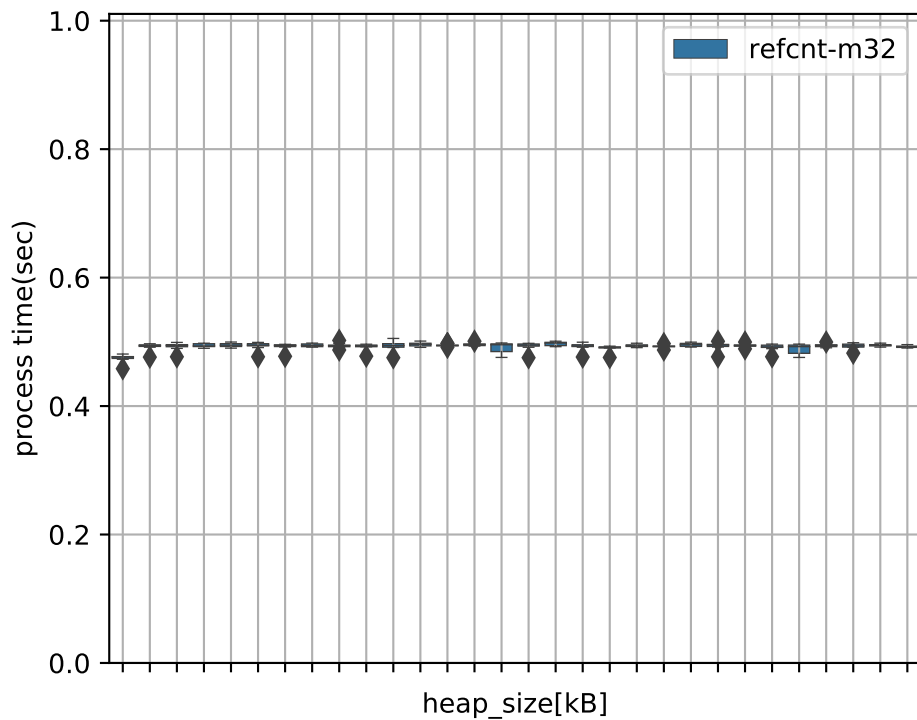
bitmap-marking-m32 total time



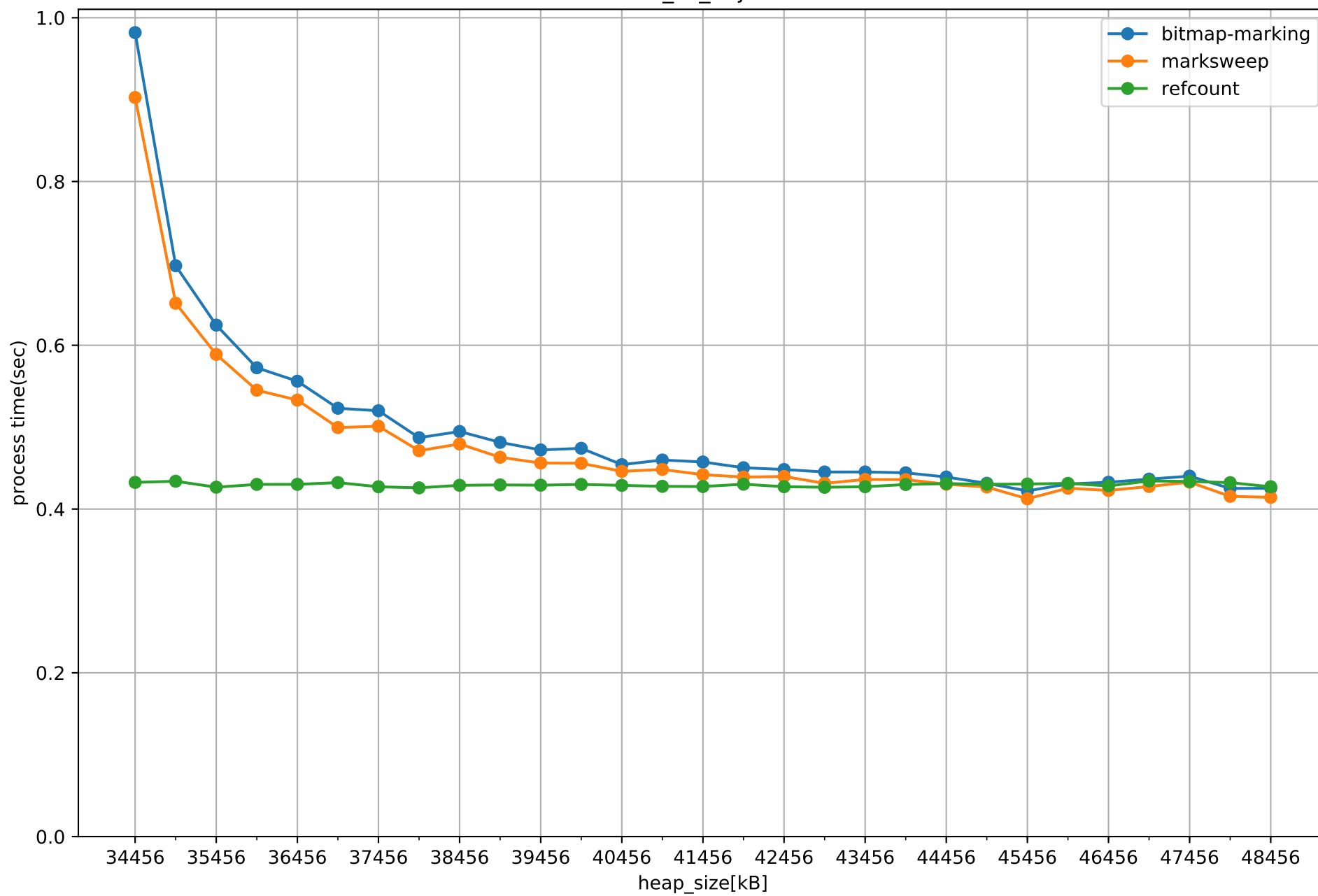
marksweep-m32 total time



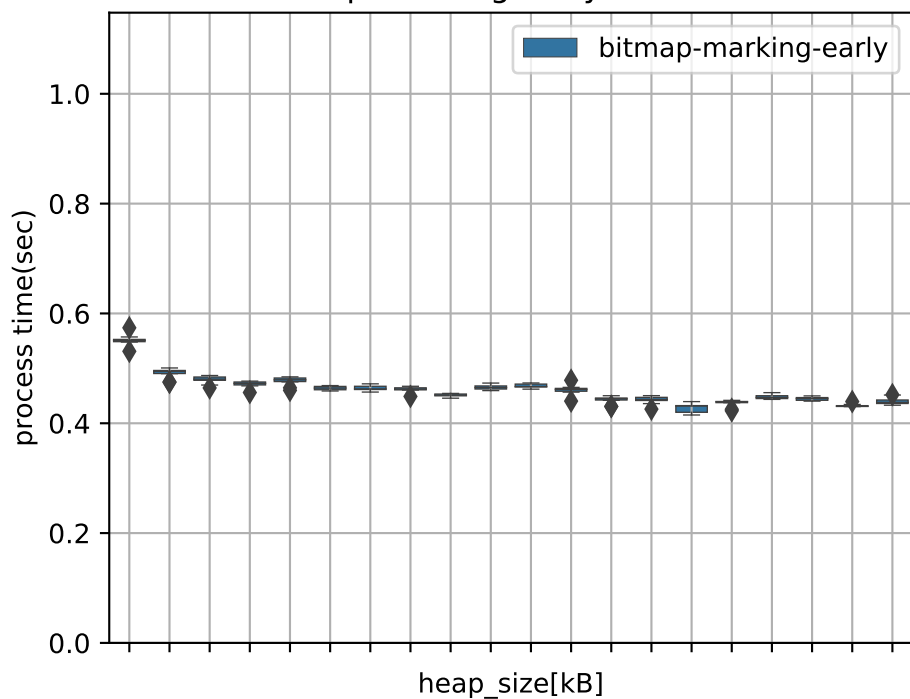
refcnt-m32 total time



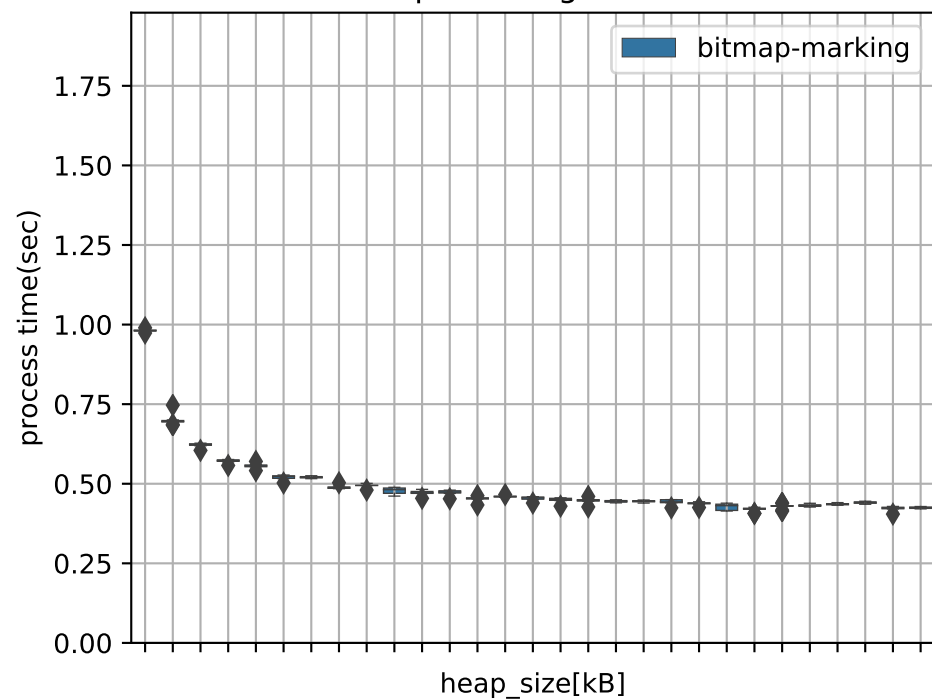
bm_so_object



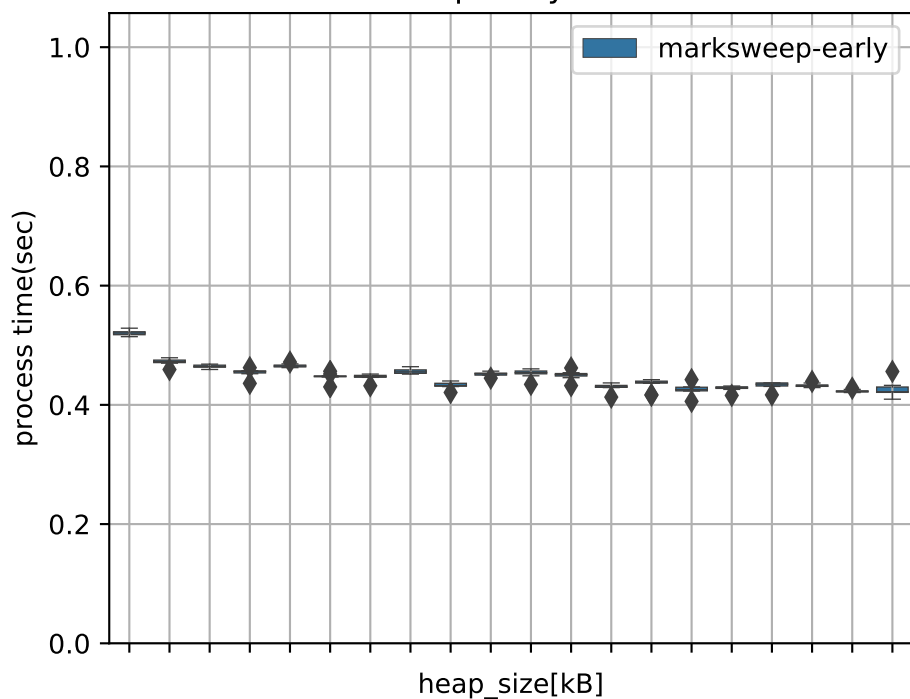
bitmap-marking-early total time



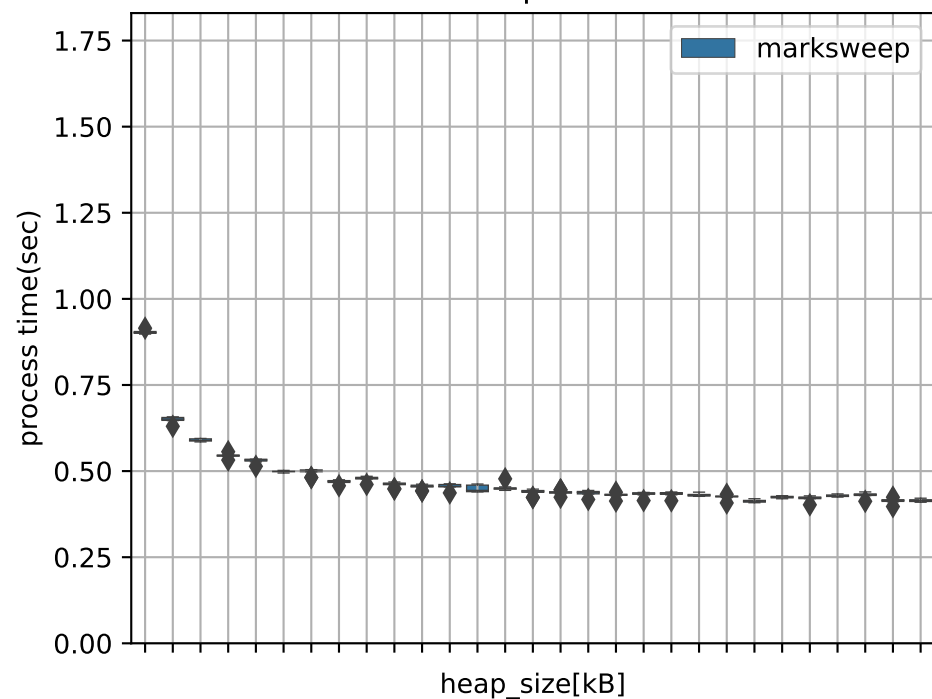
bitmap-marking total time



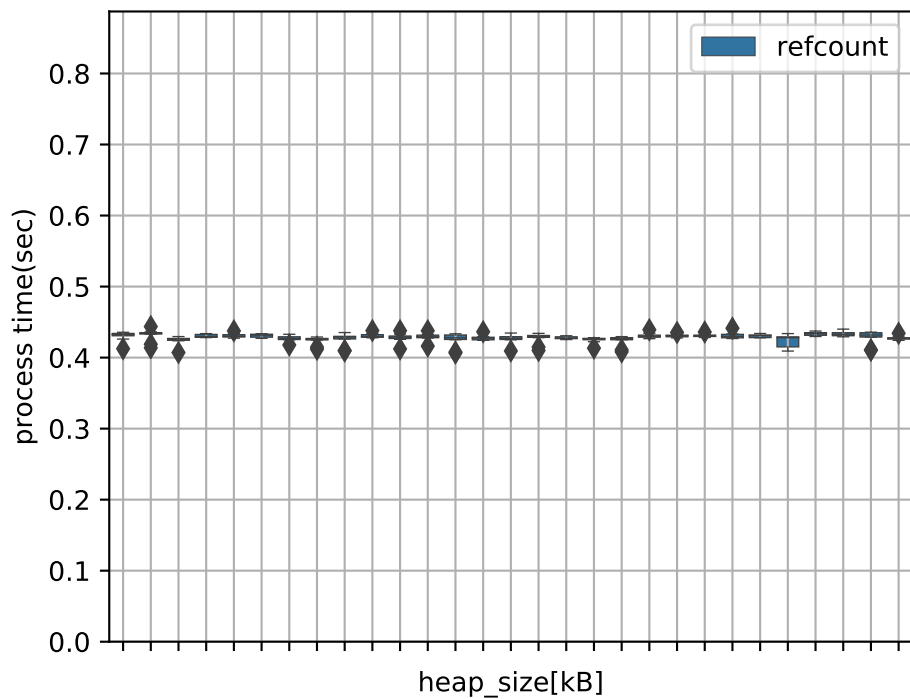
marksweep-early total time



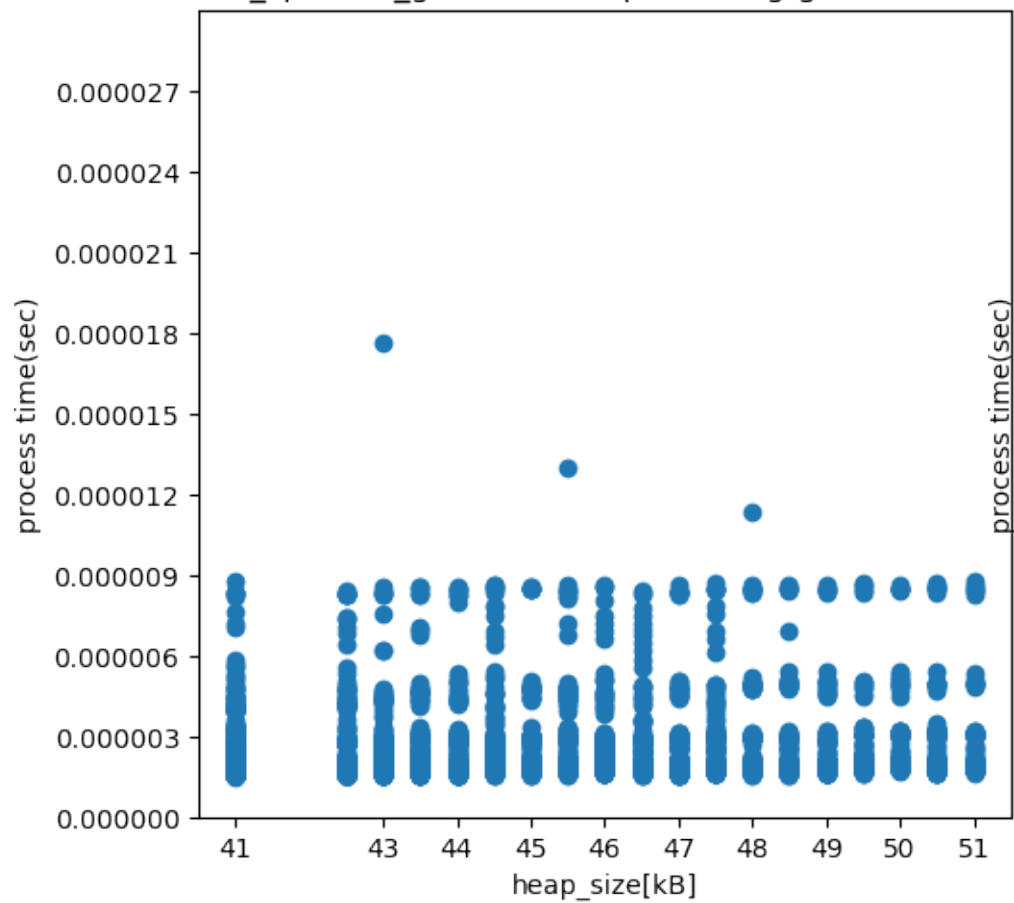
marksweep total time



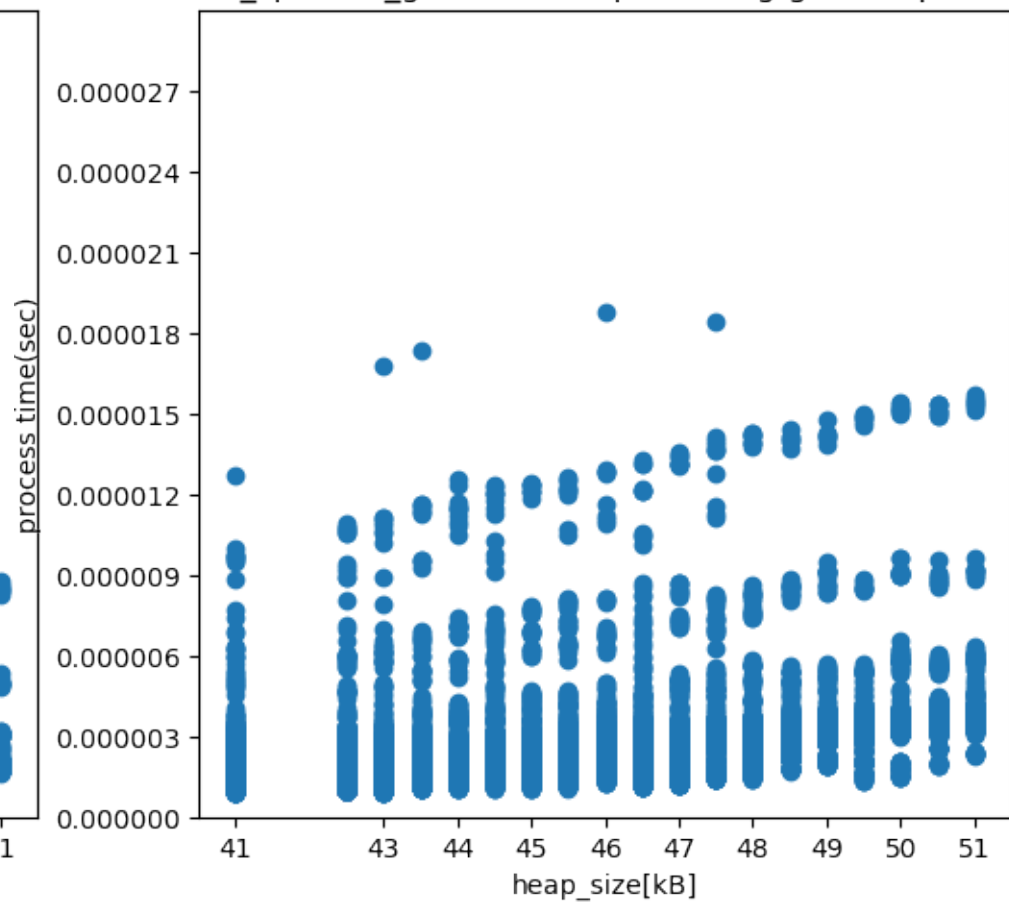
refcount total time



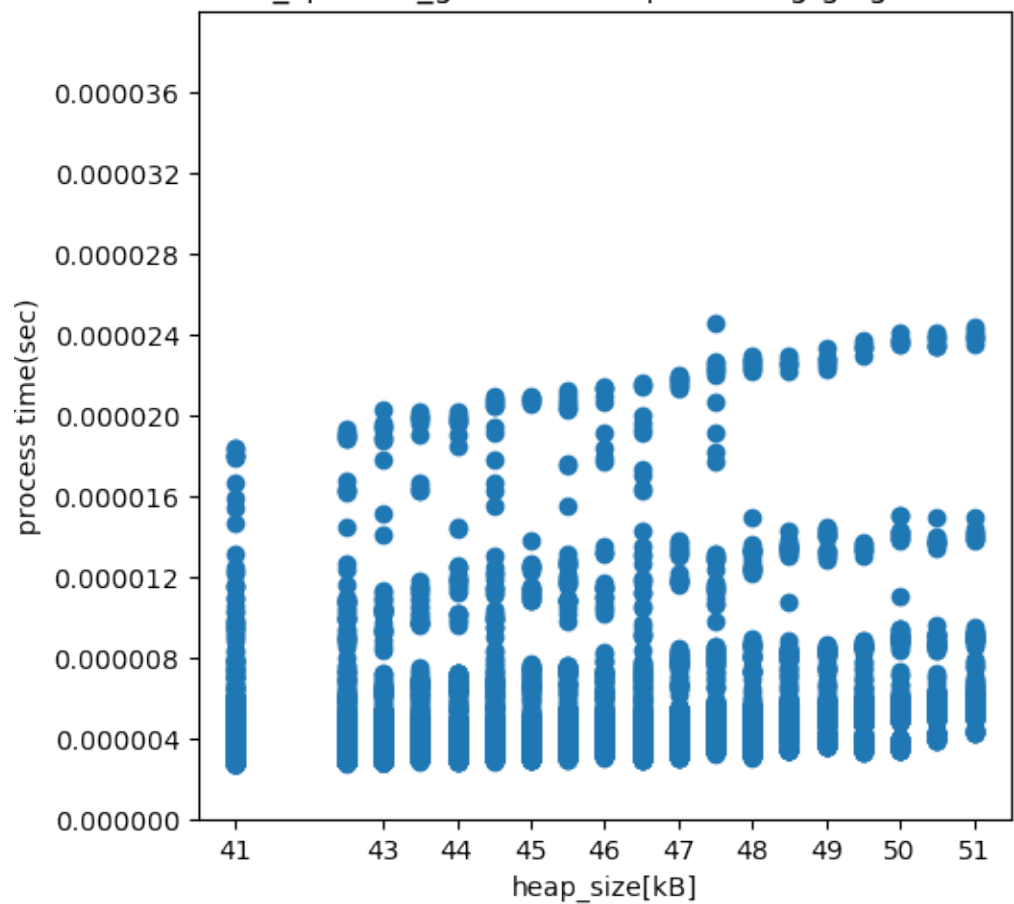
bm_spectral_gctime bitmap-marking-gc mark time



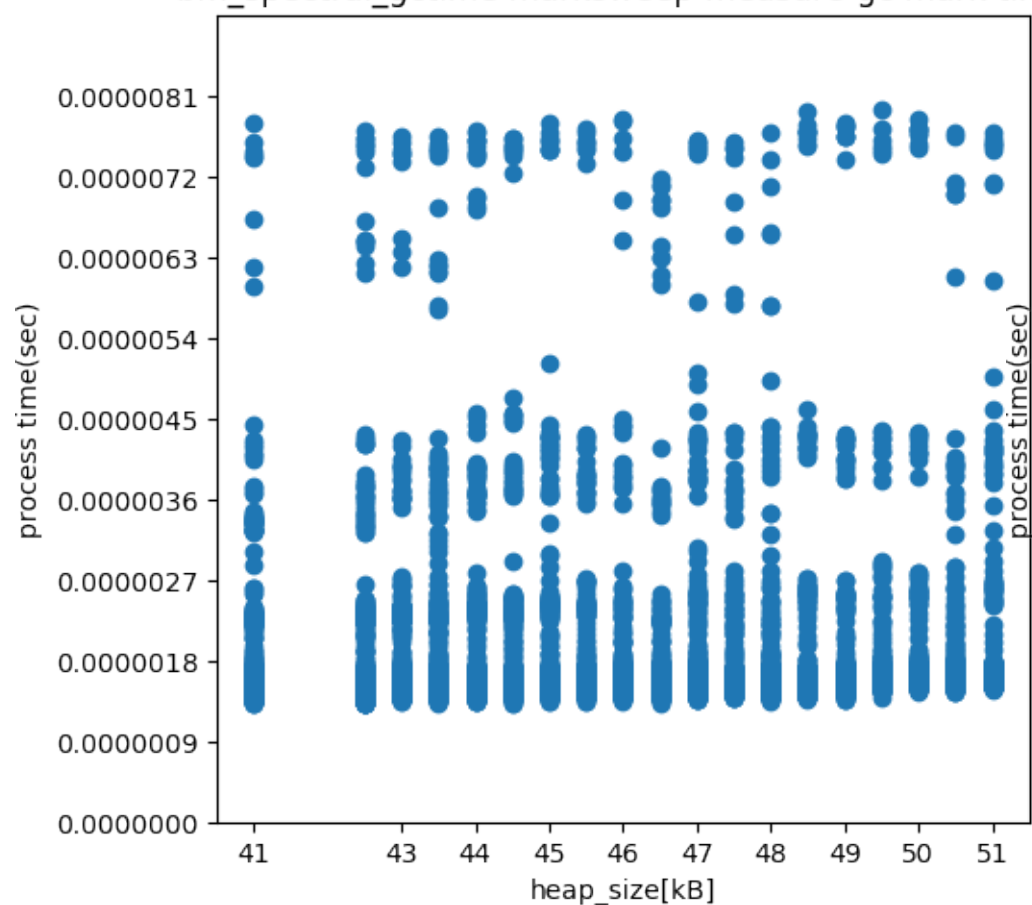
bm_spectral_gctime bitmap-marking-gc sweep time



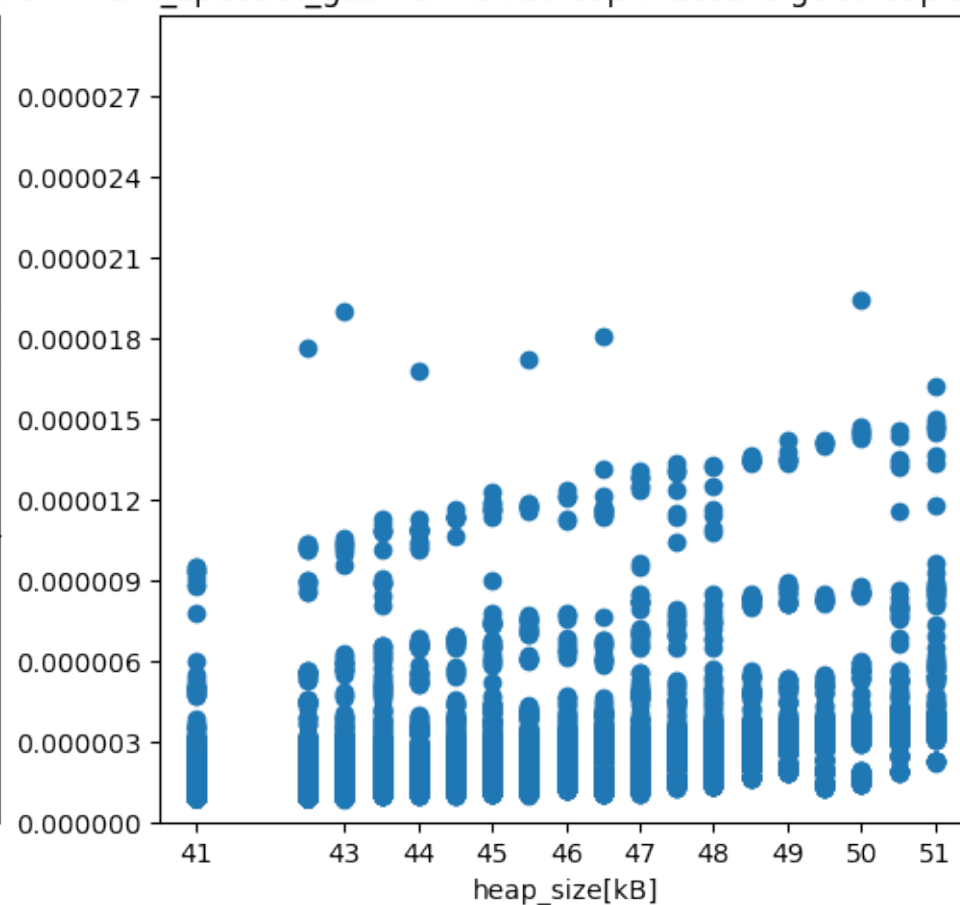
bm_spectral_gctime bitmap-marking-gc gc time



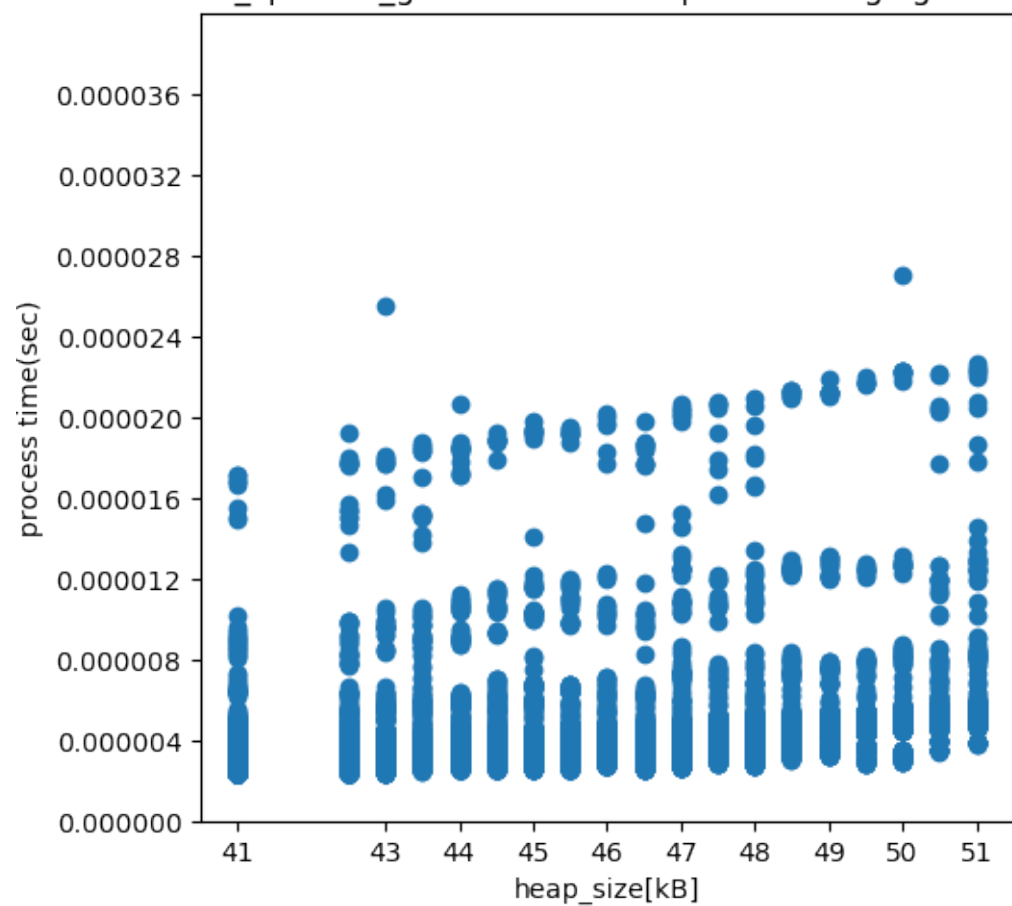
bm_spectral_gctime markswep-measure-gc mark time

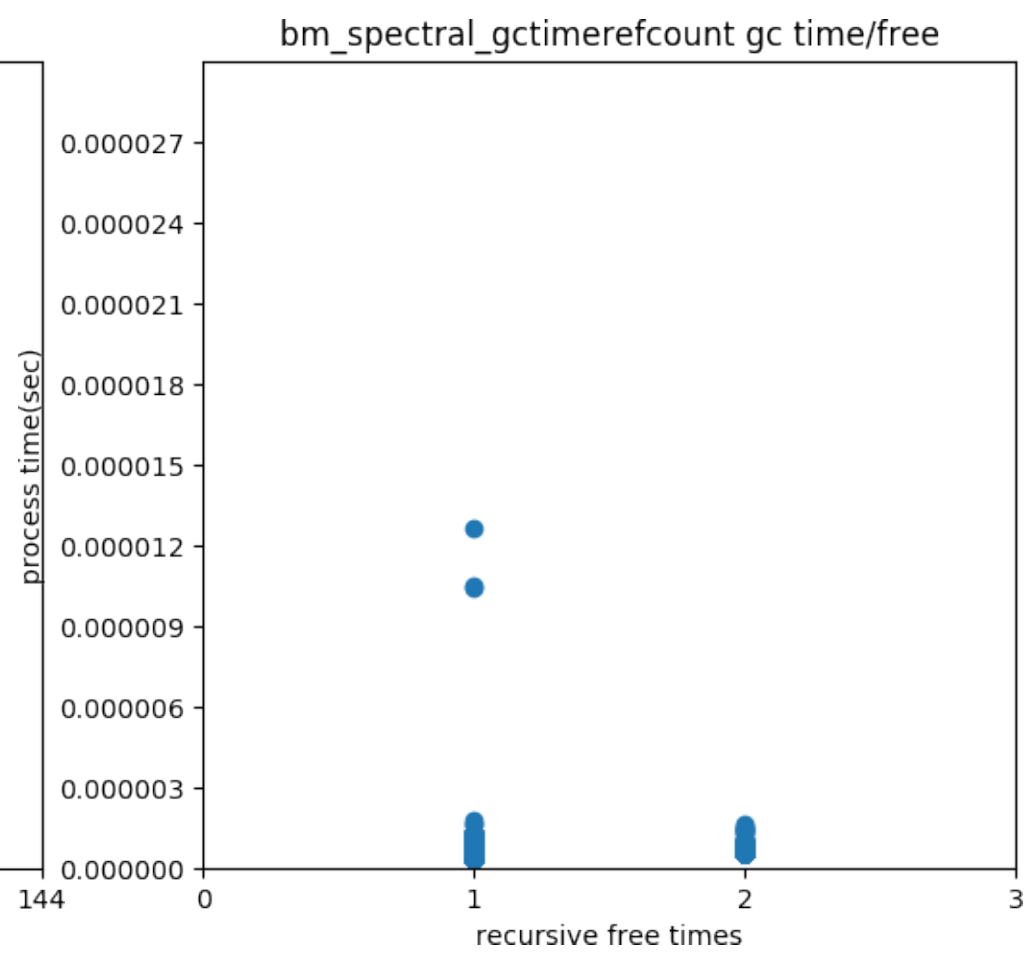
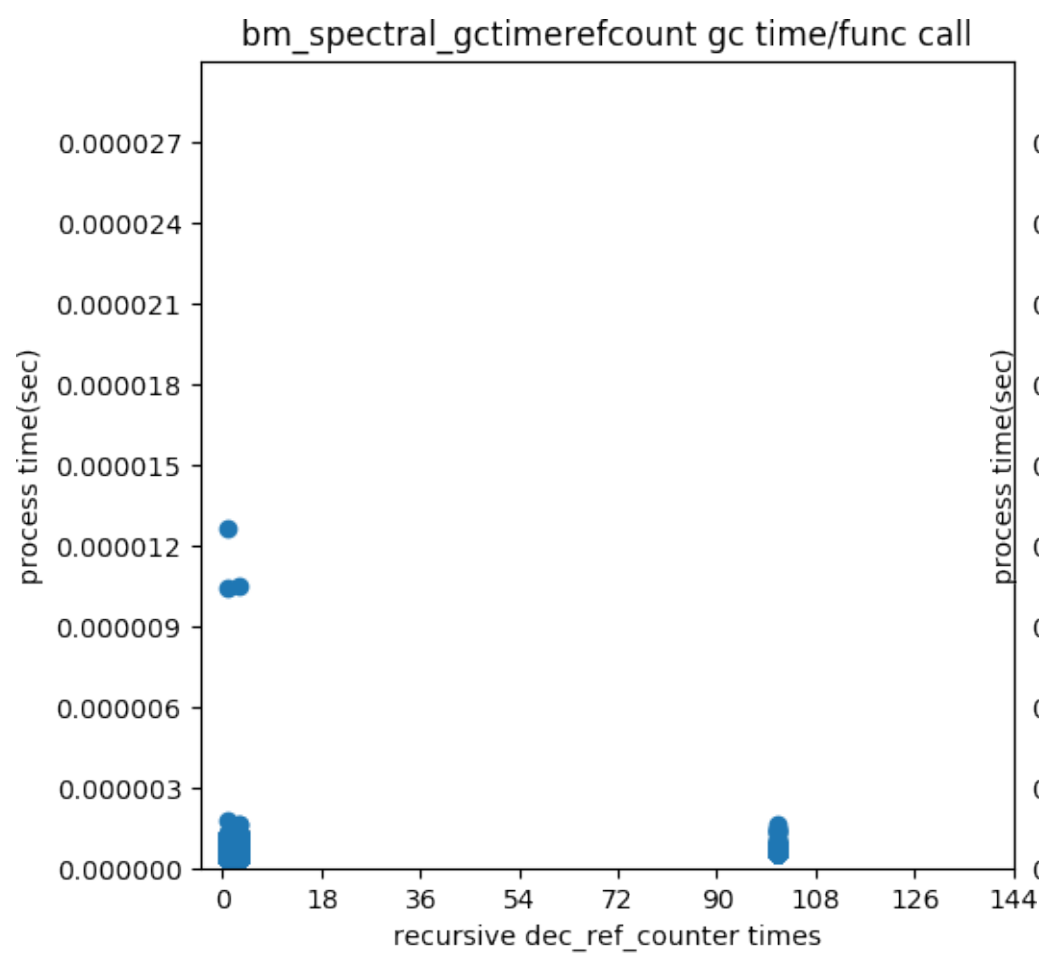


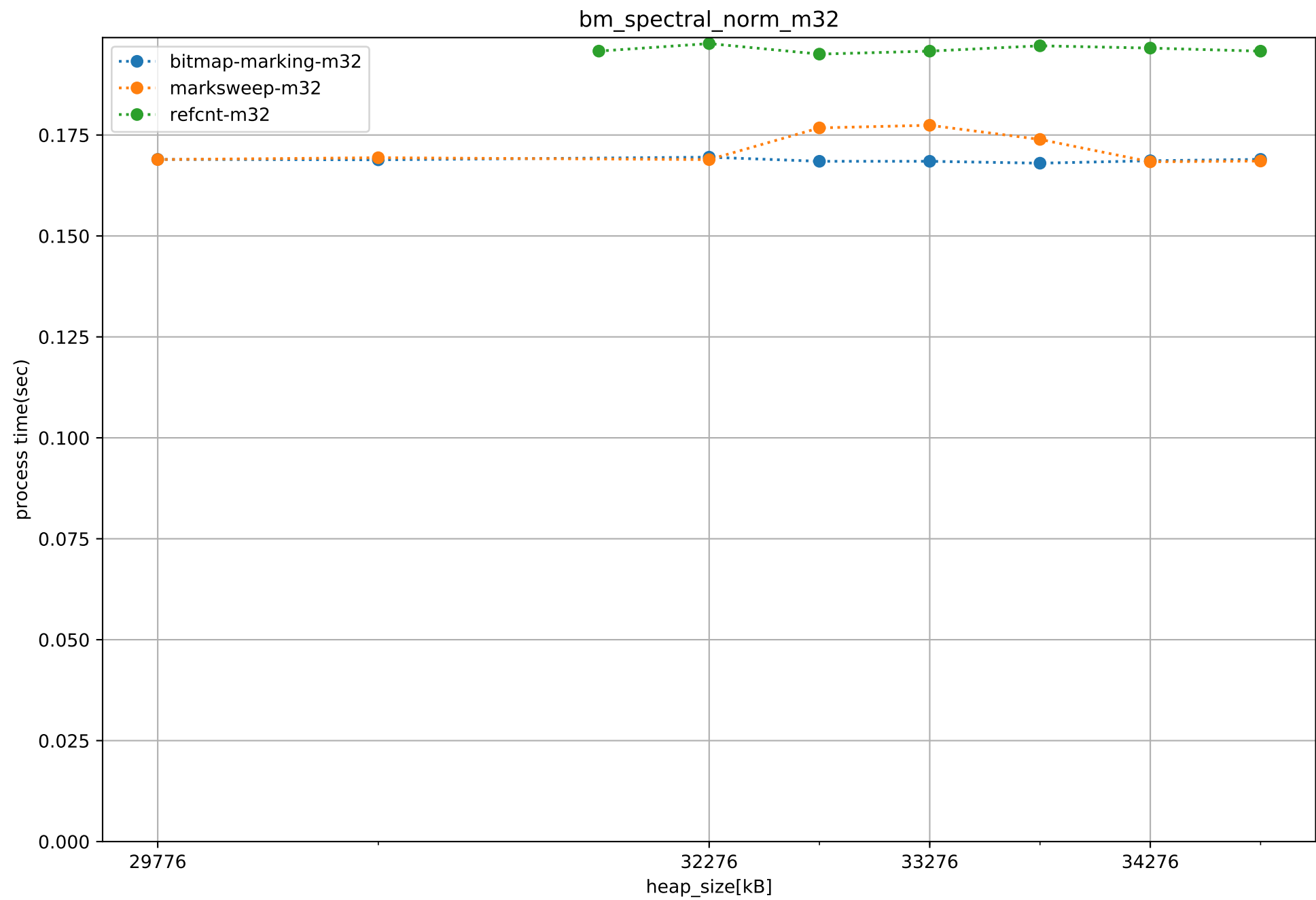
bm_spectral_gctime markswep-measure-gc sweep time



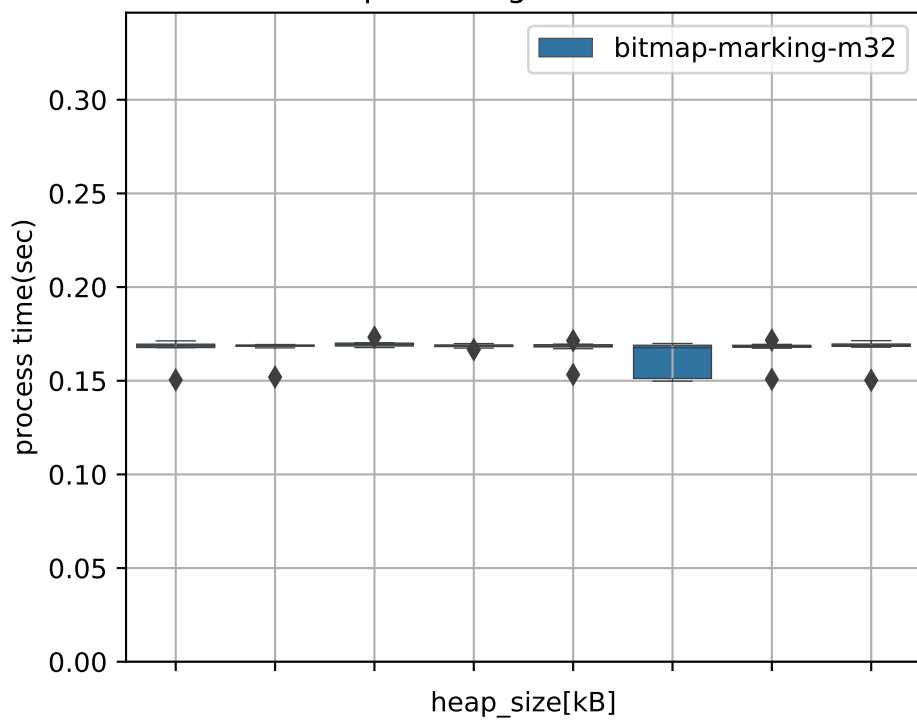
bm_spectral_gctime markswep-measure-gc gc time



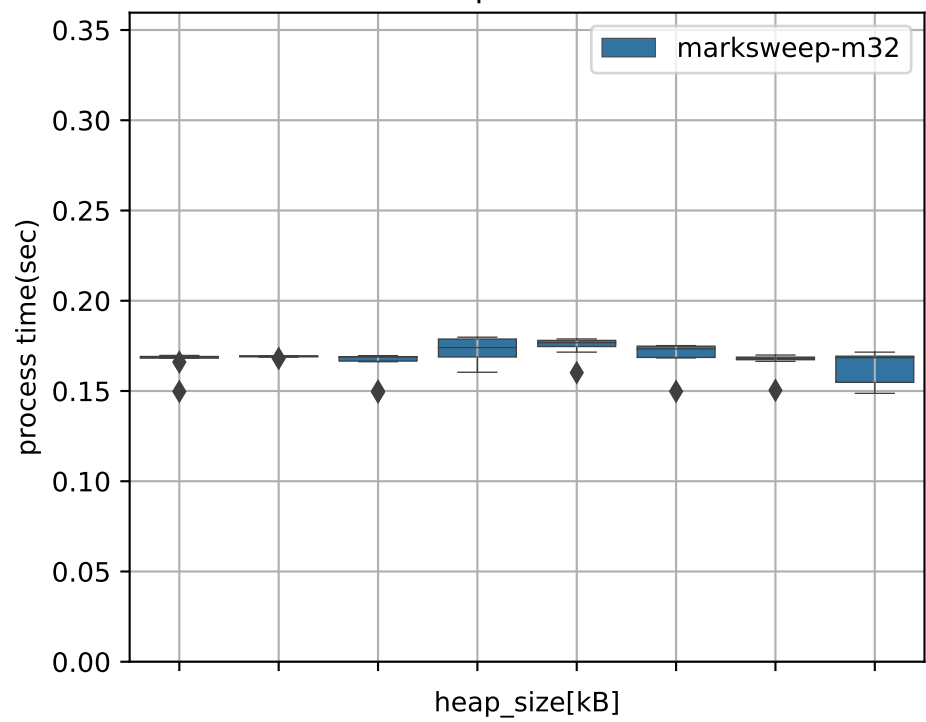




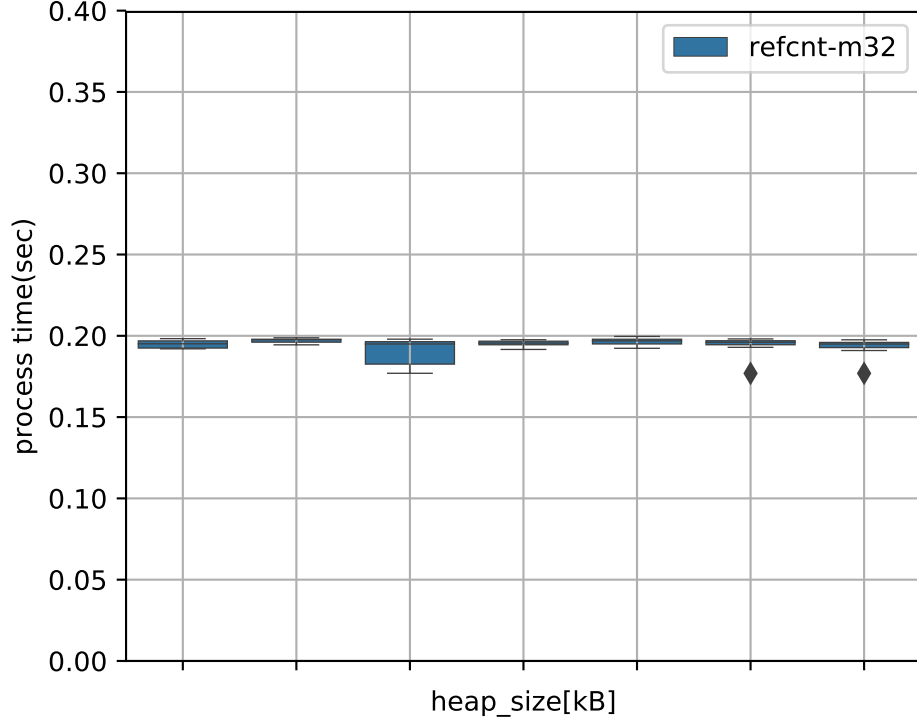
bitmap-marking-m32 total time

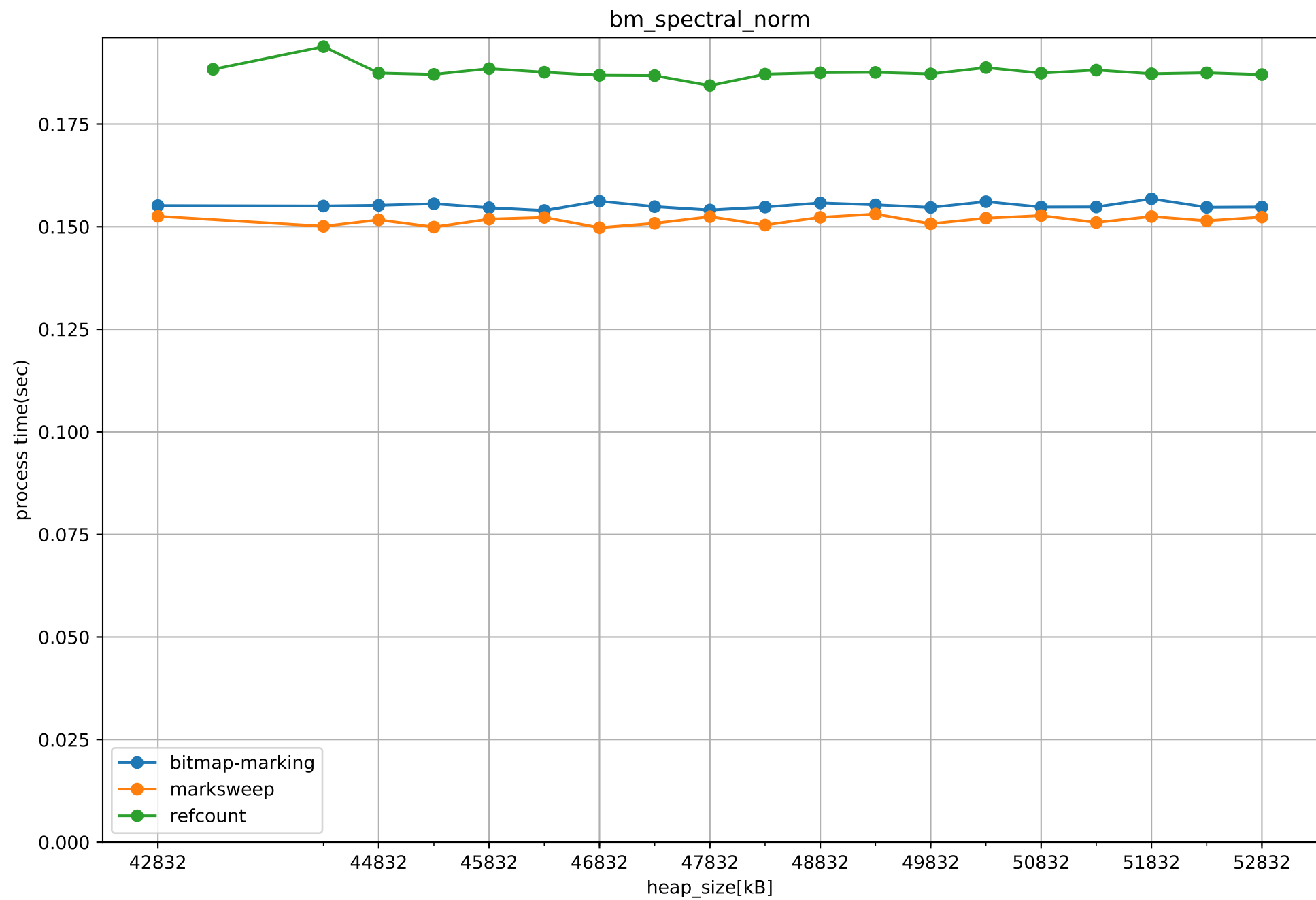


marksweep-m32 total time

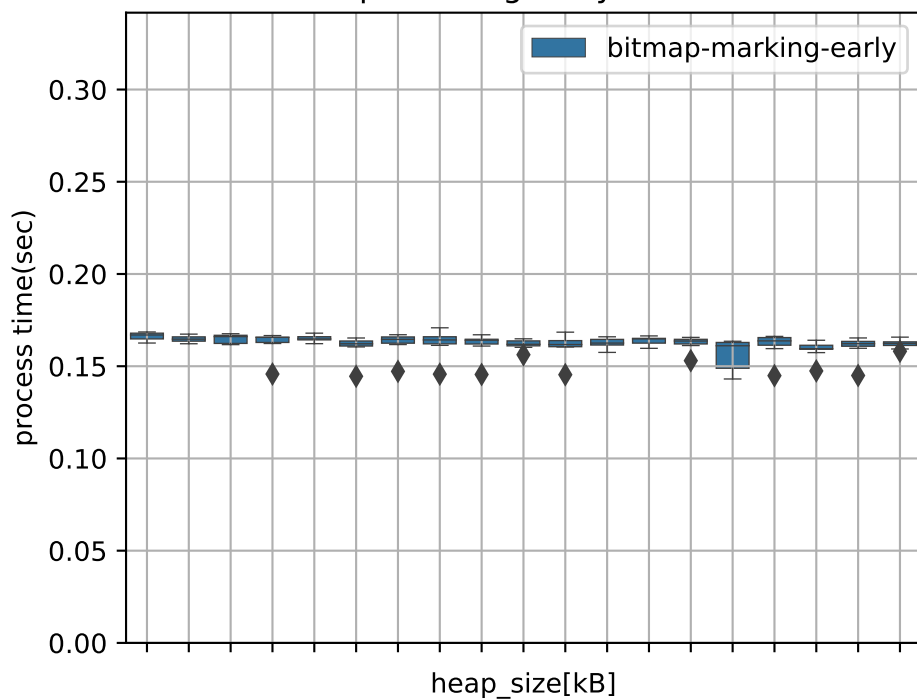


refcnt-m32 total time

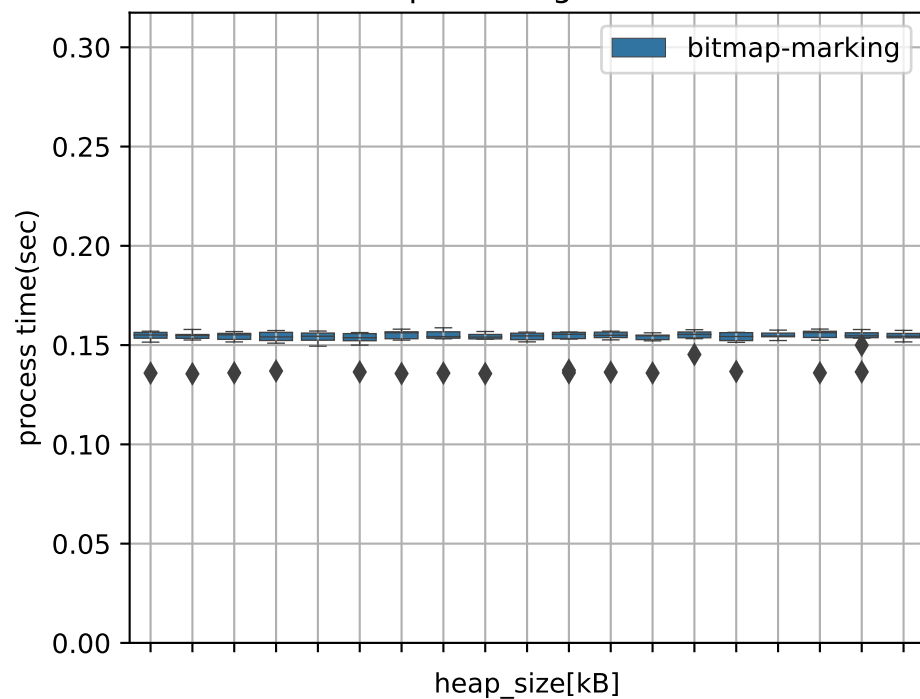




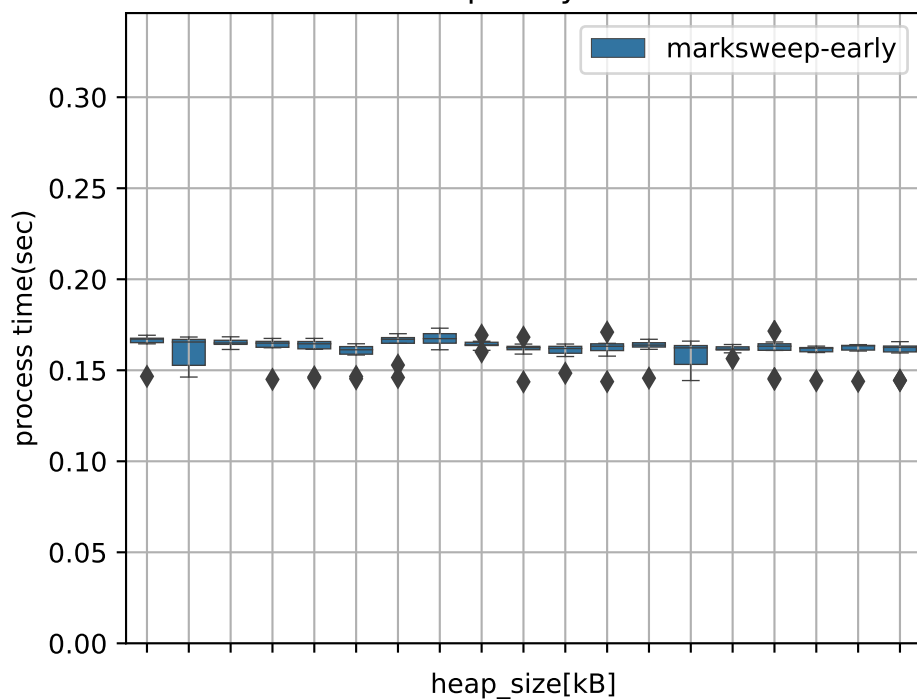
bitmap-marking-early total time



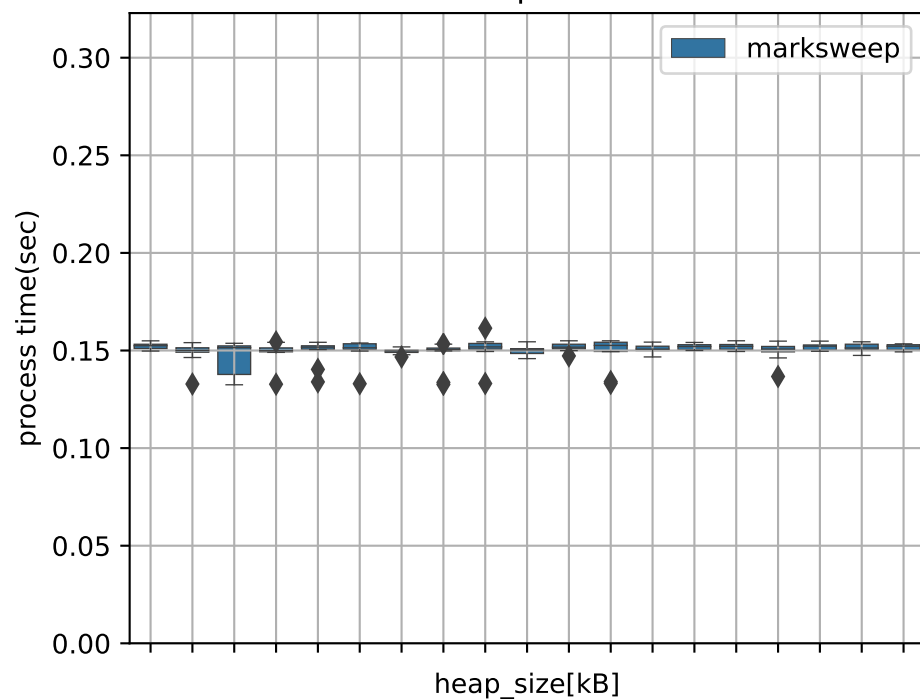
bitmap-marking total time



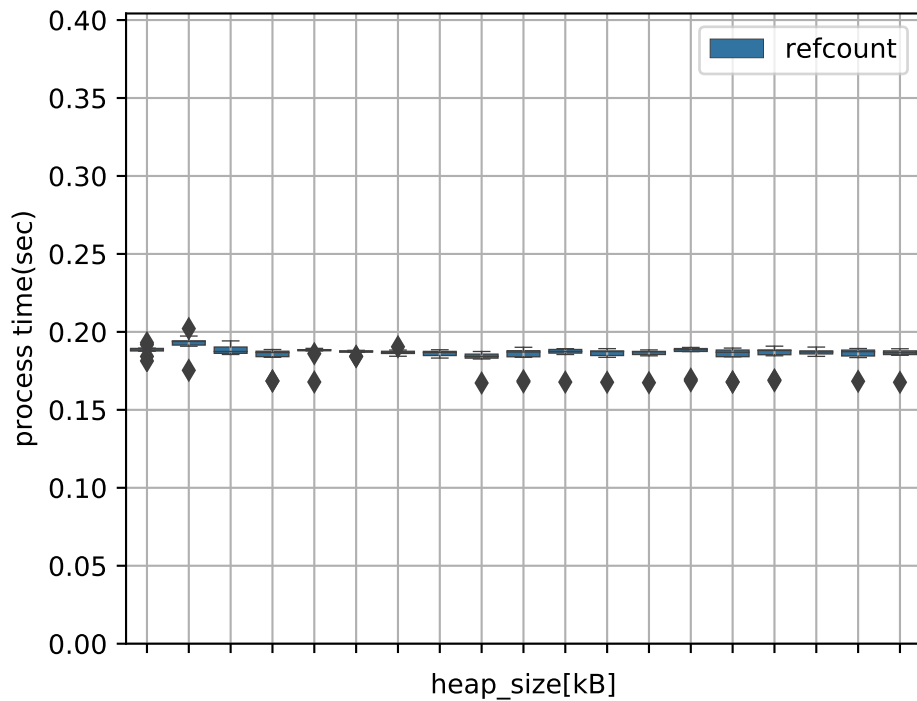
marksweep-early total time



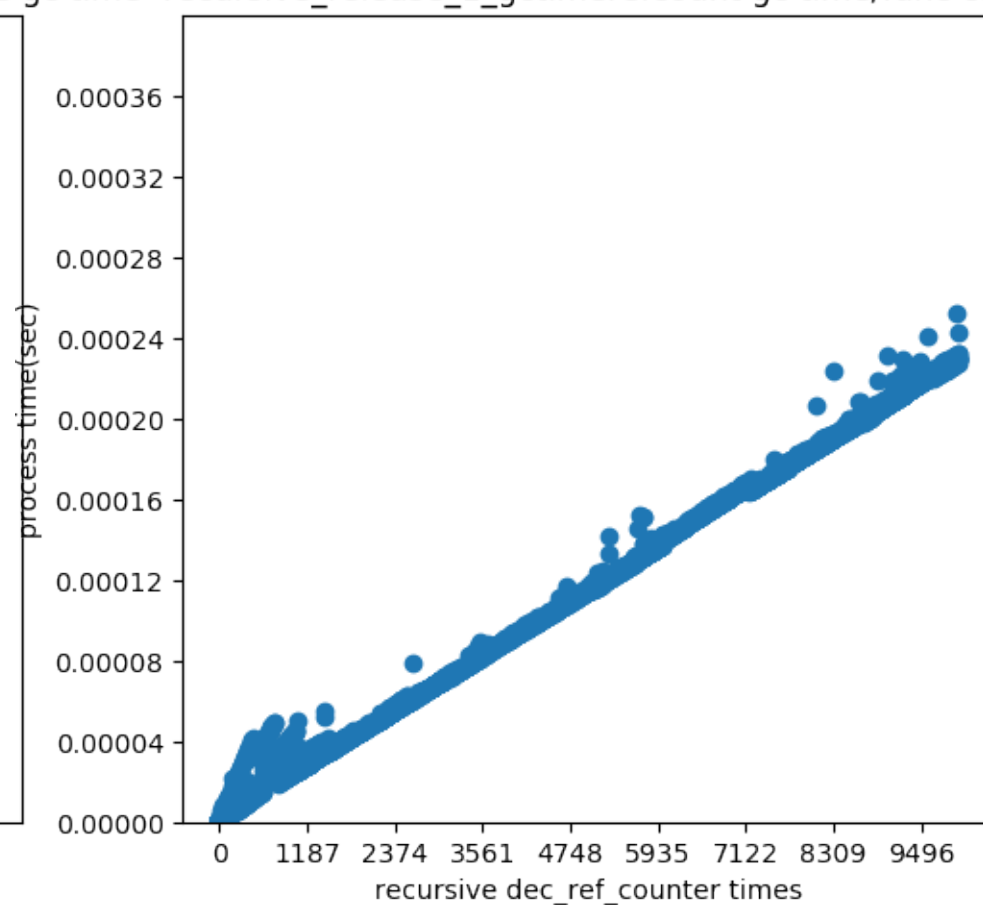
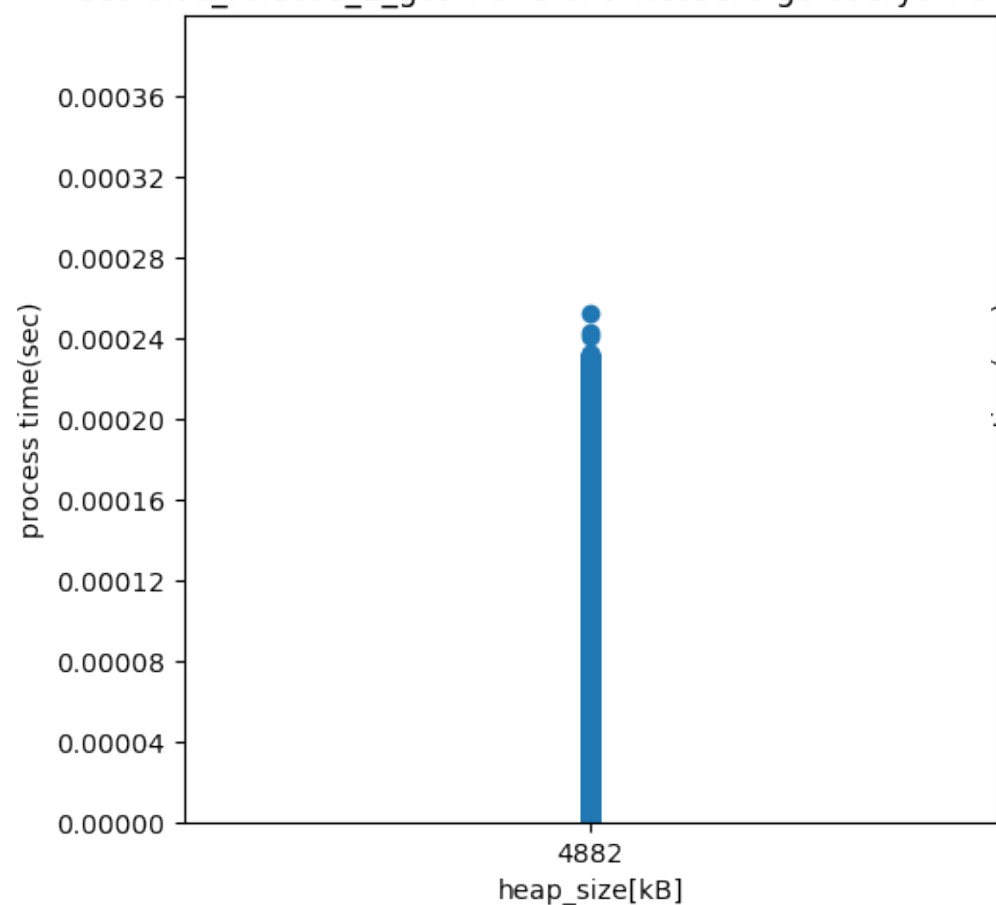
marksweep total time



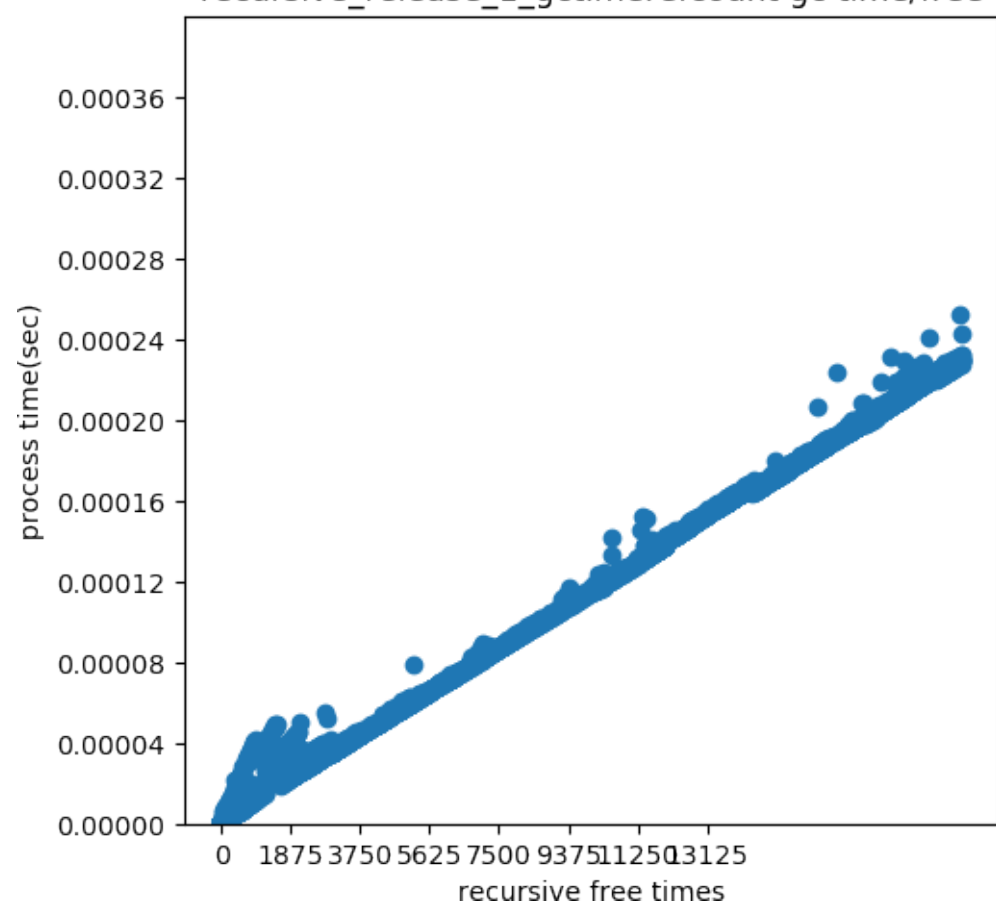
refcount total time



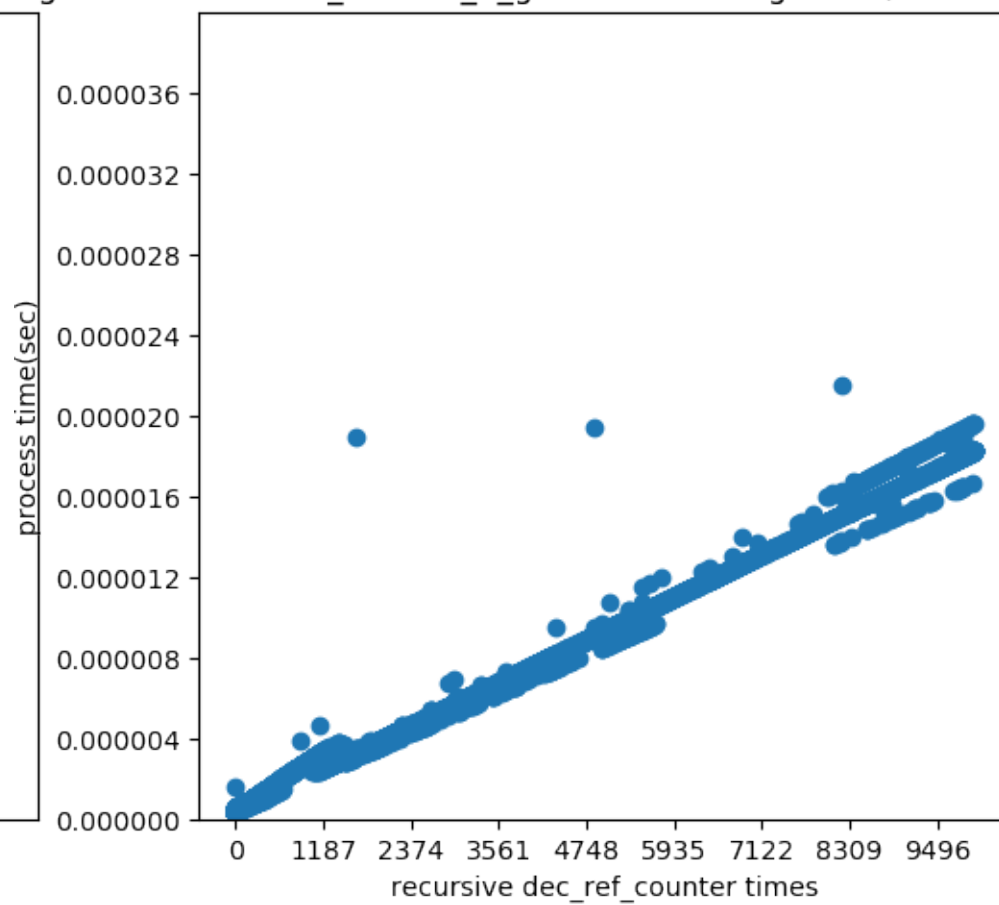
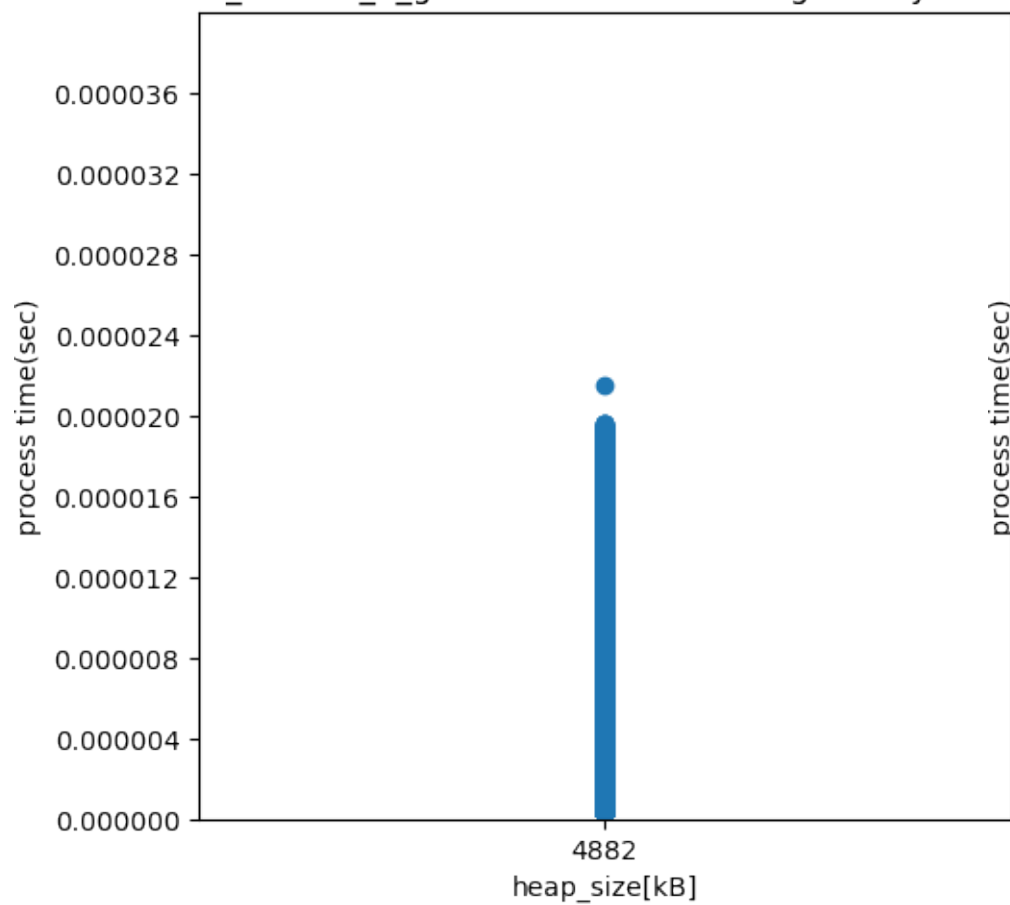
recursive_release_1_gctime refcnt-measure-gc-everytime gc time recursive_release_1_gctimerefcount gc time/func call



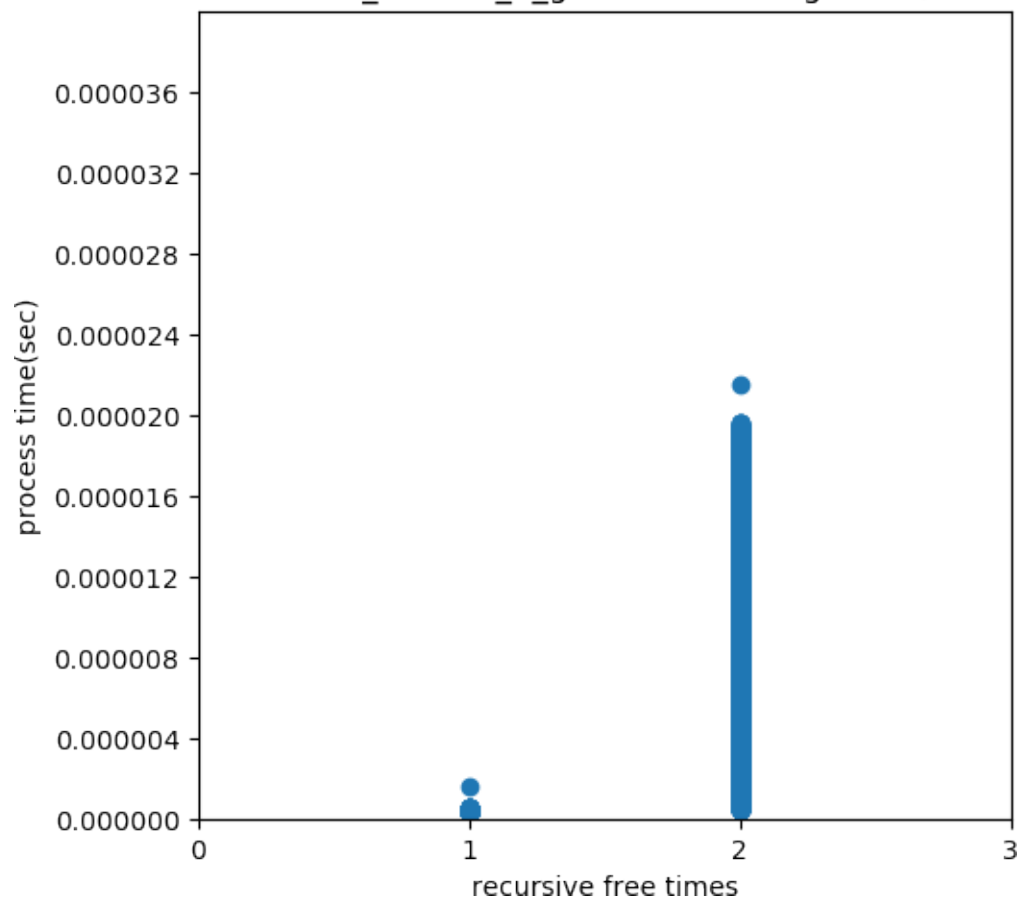
recursive_release_1_gctimerefcount gc time/free

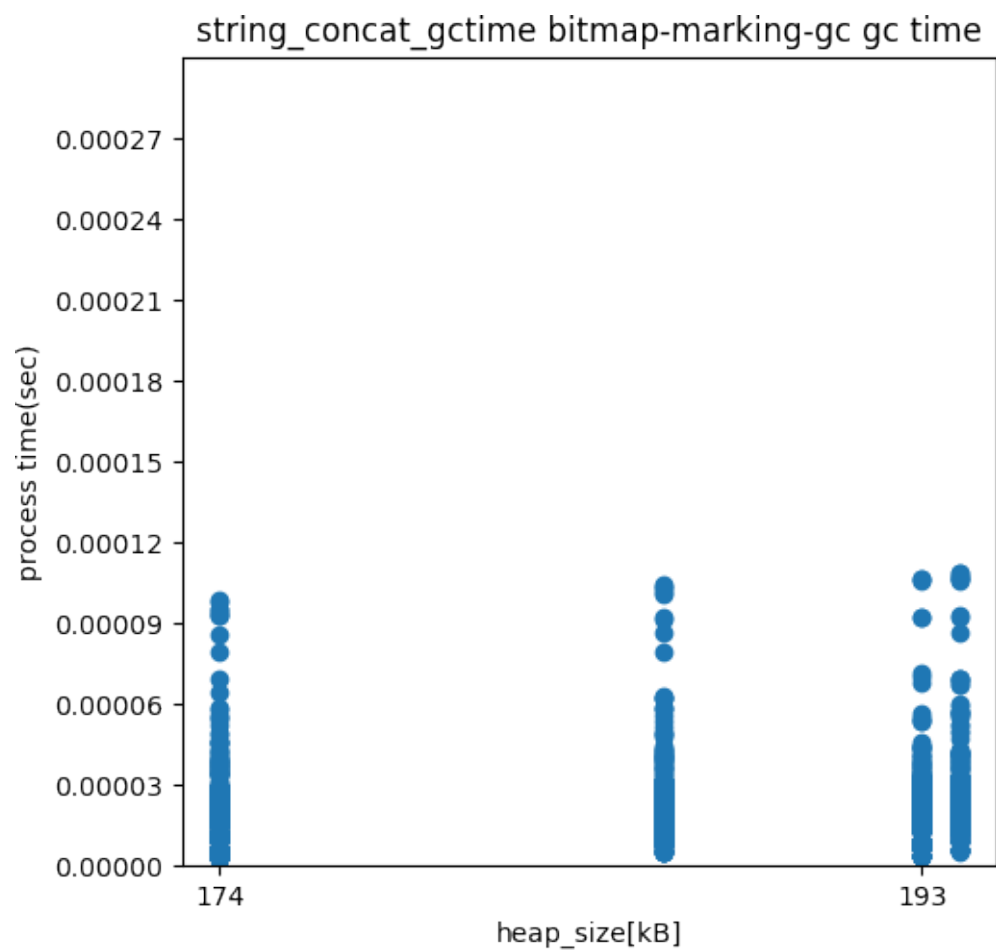
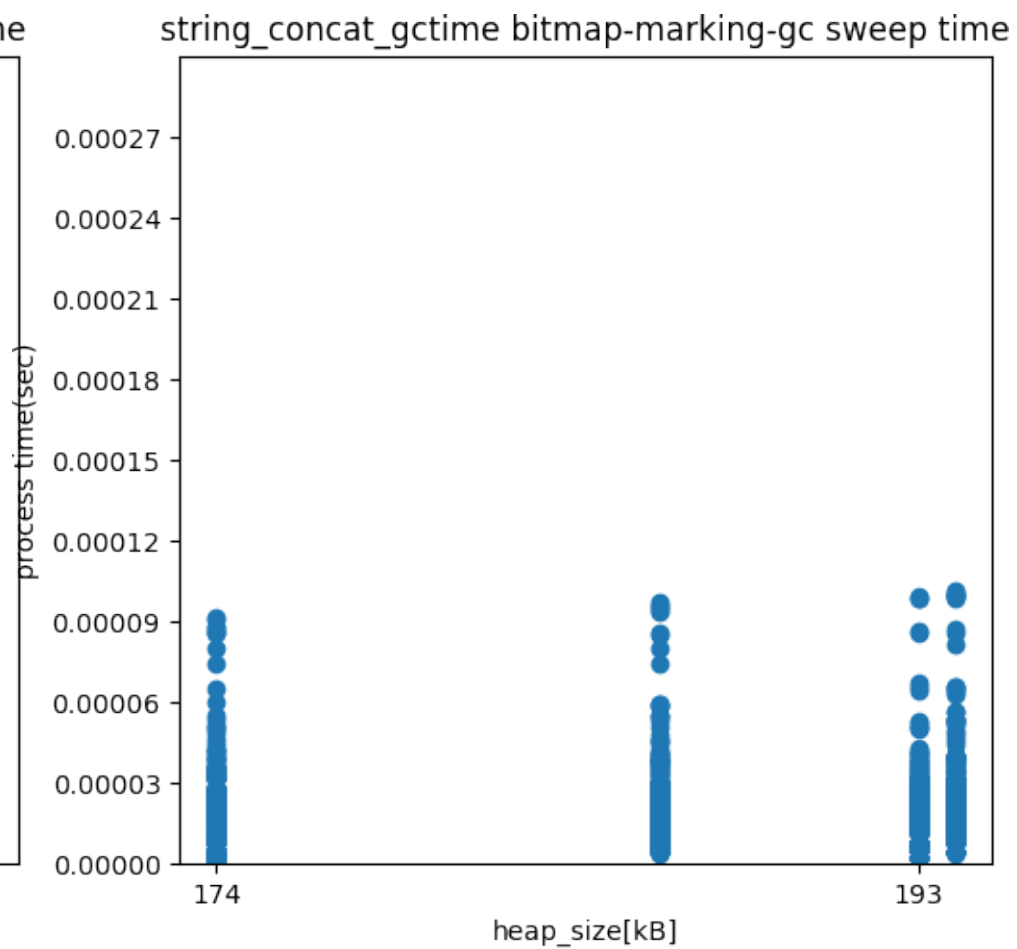
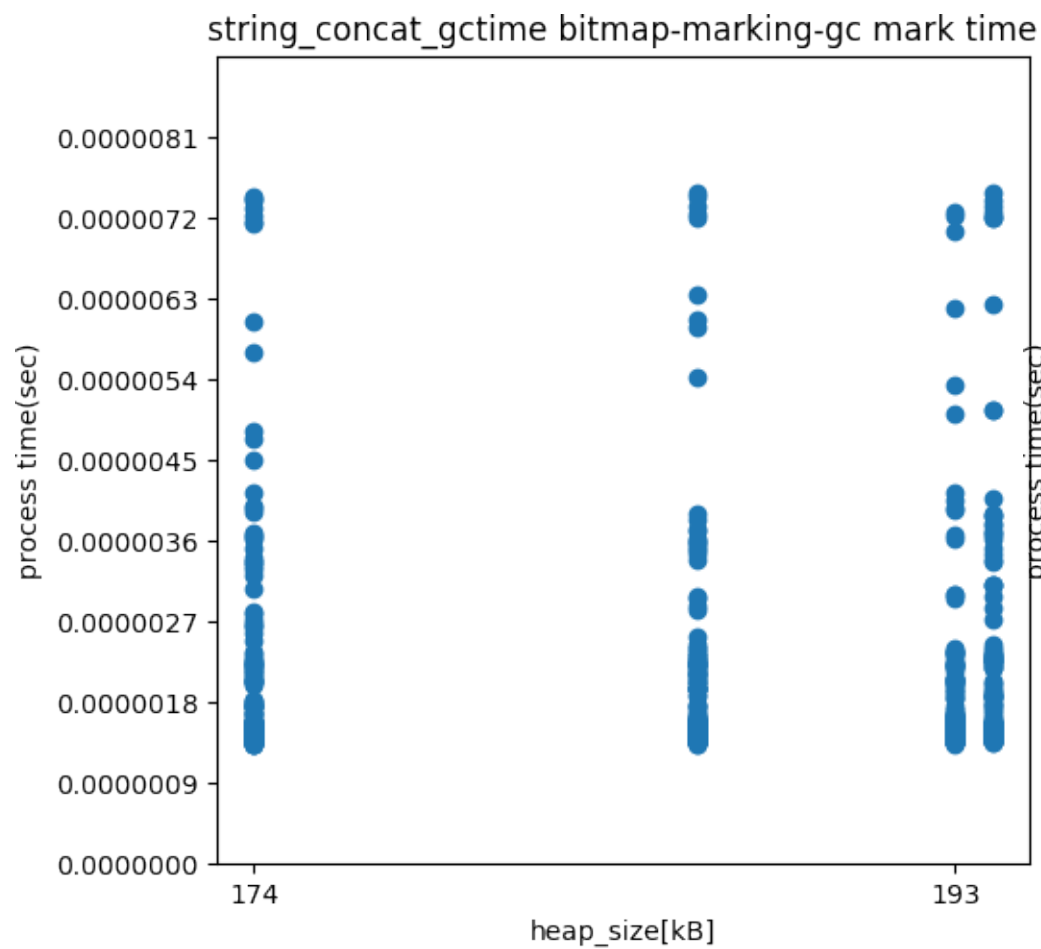


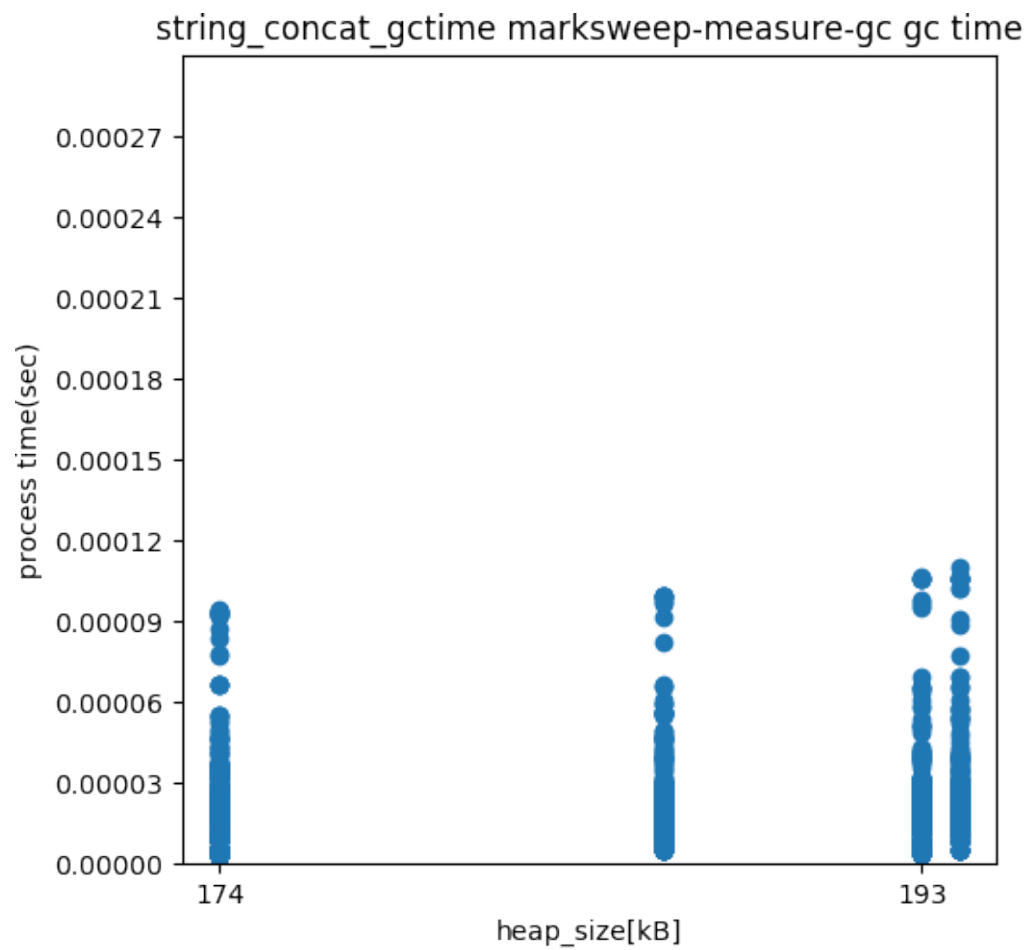
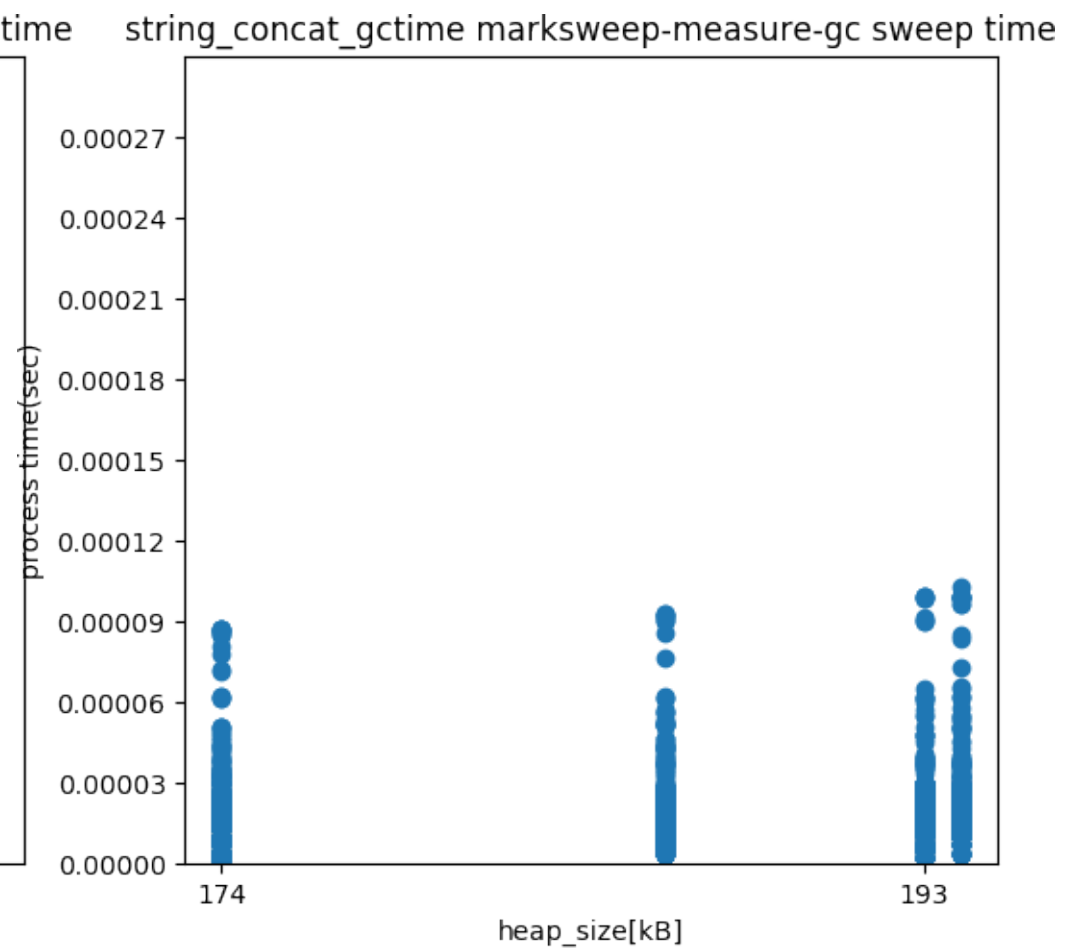
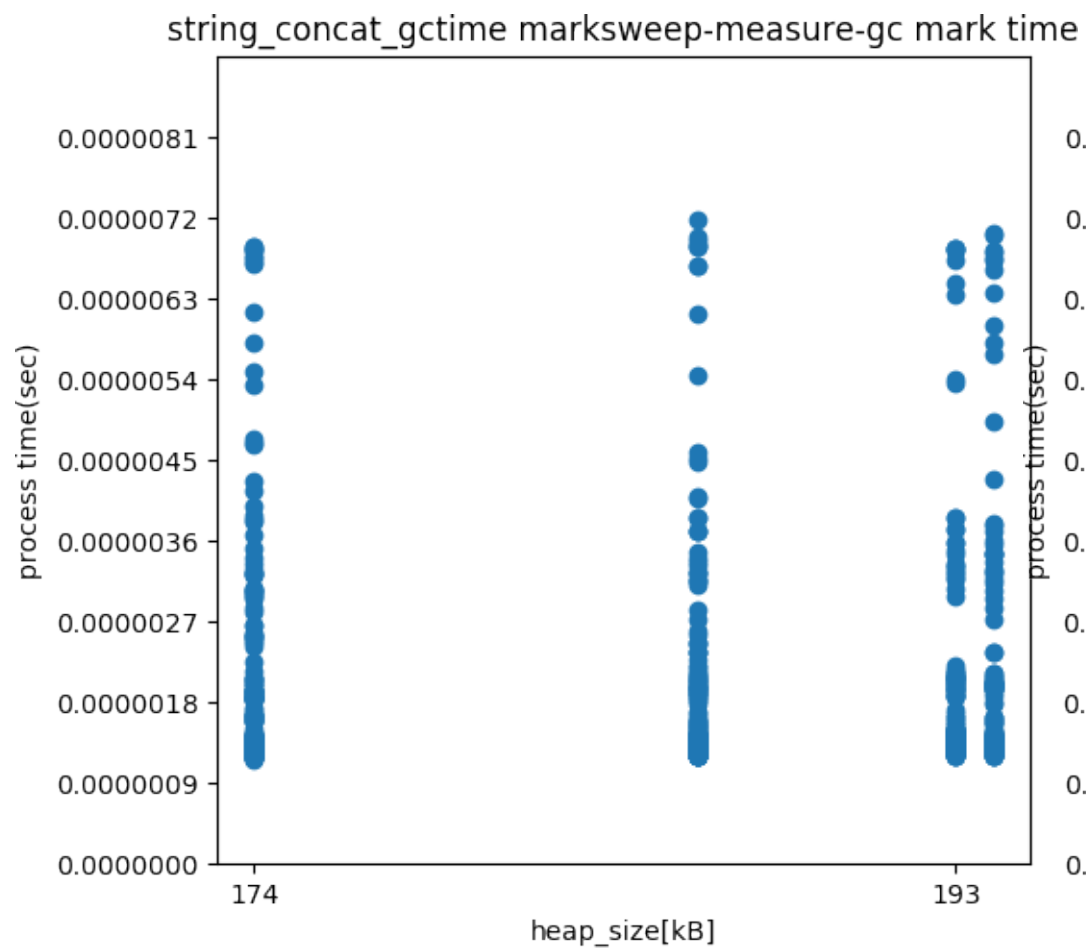
recursive_release_2_gctime refcnt-measure-gc-everytime gc time recursive_release_2_gctimerefcount gc time/func call

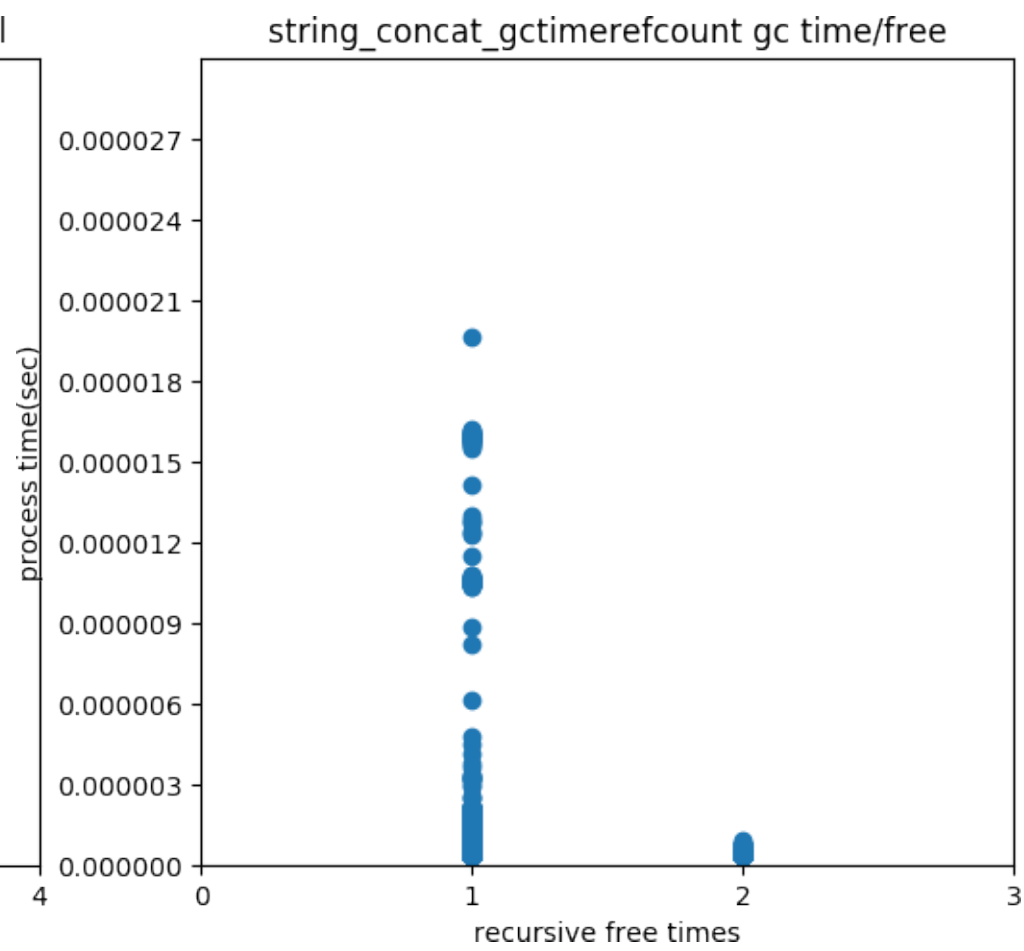
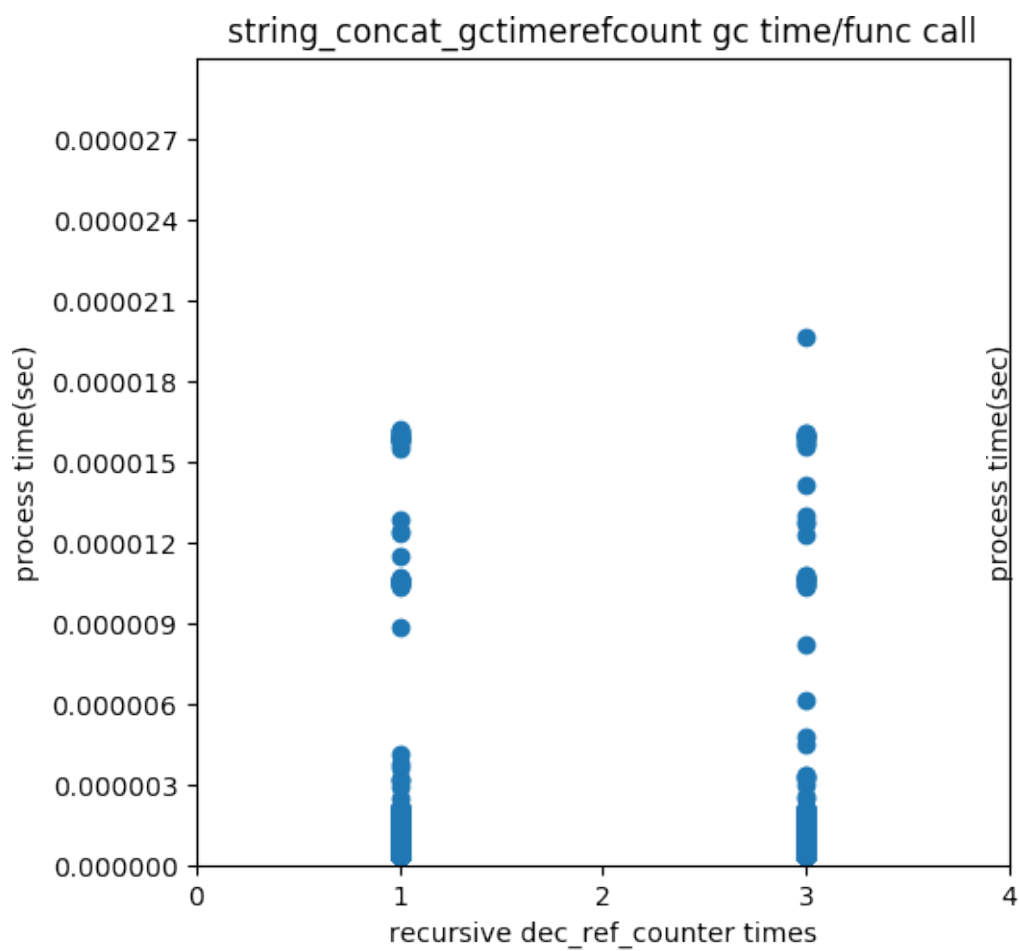


recursive_release_2_gctimerefcount gc time/free

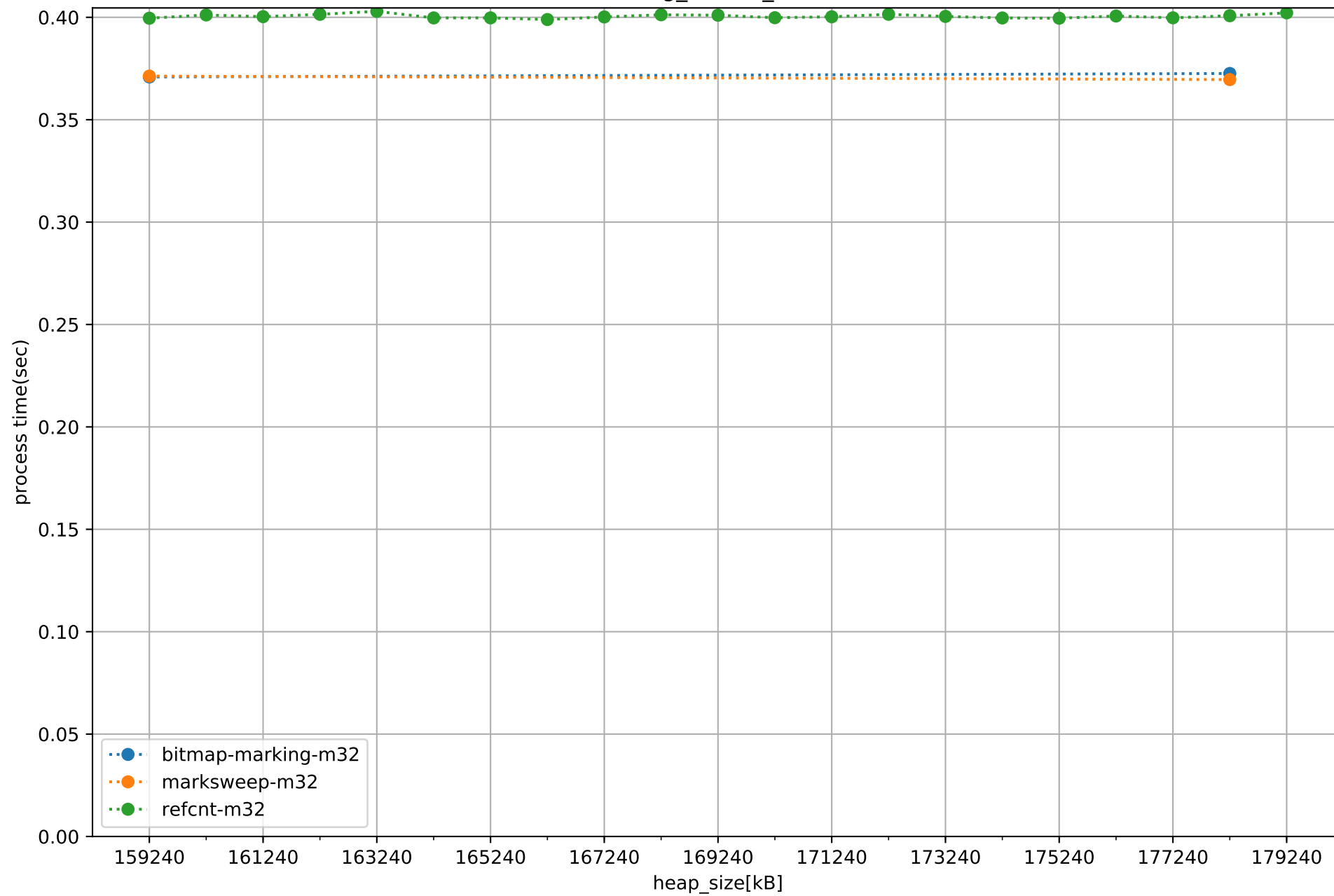




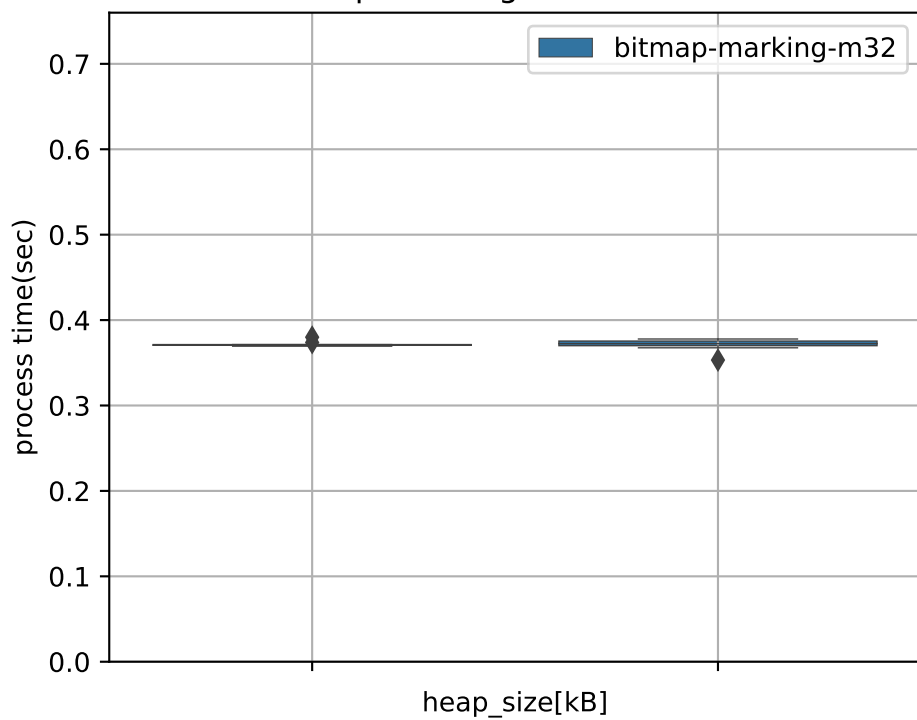




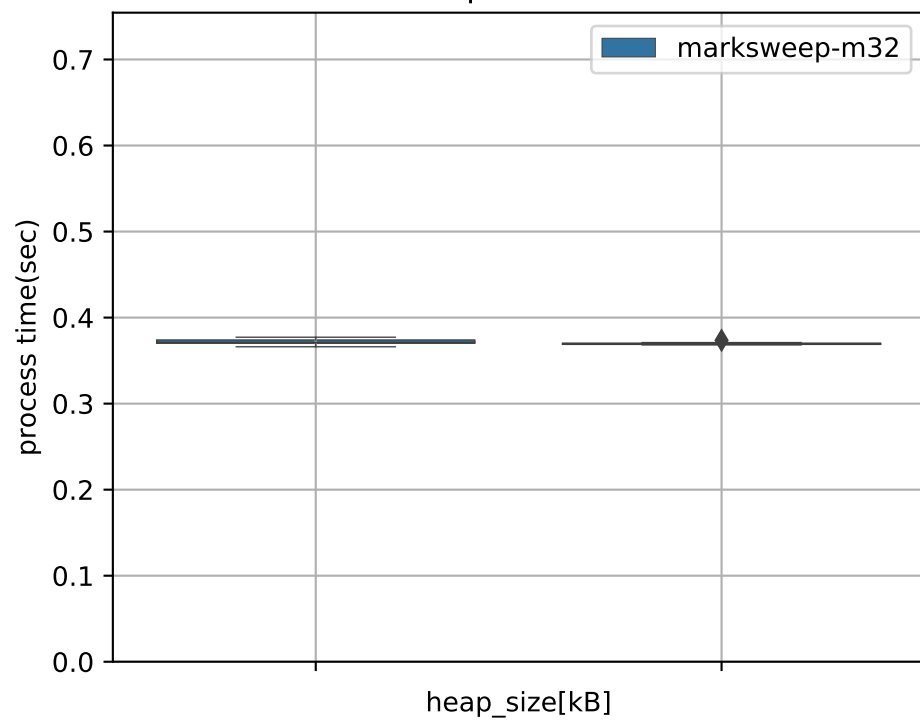
string_concat_m32



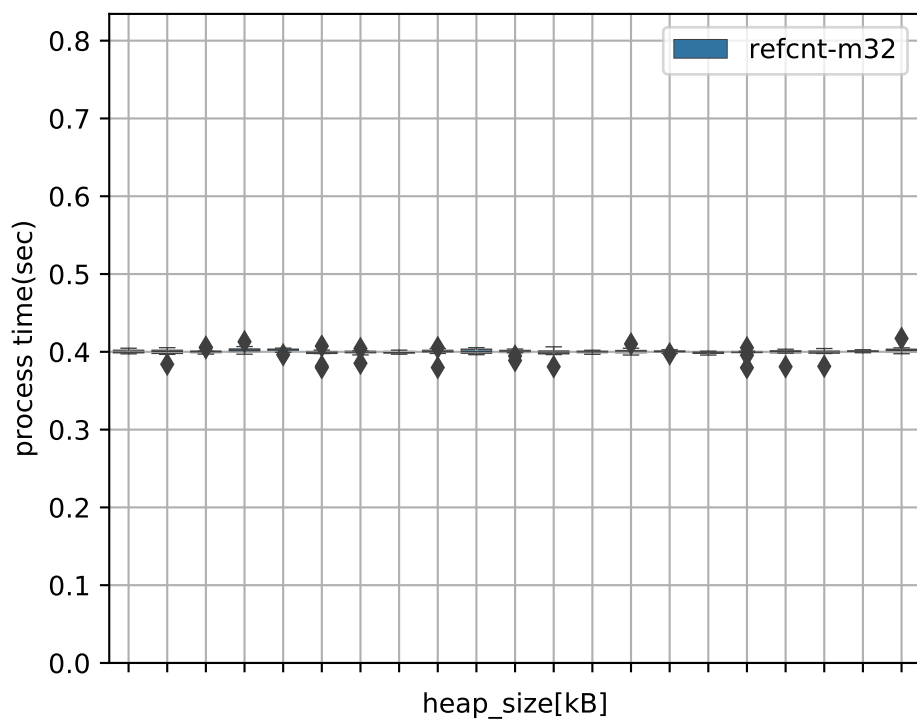
bitmap-marking-m32 total time

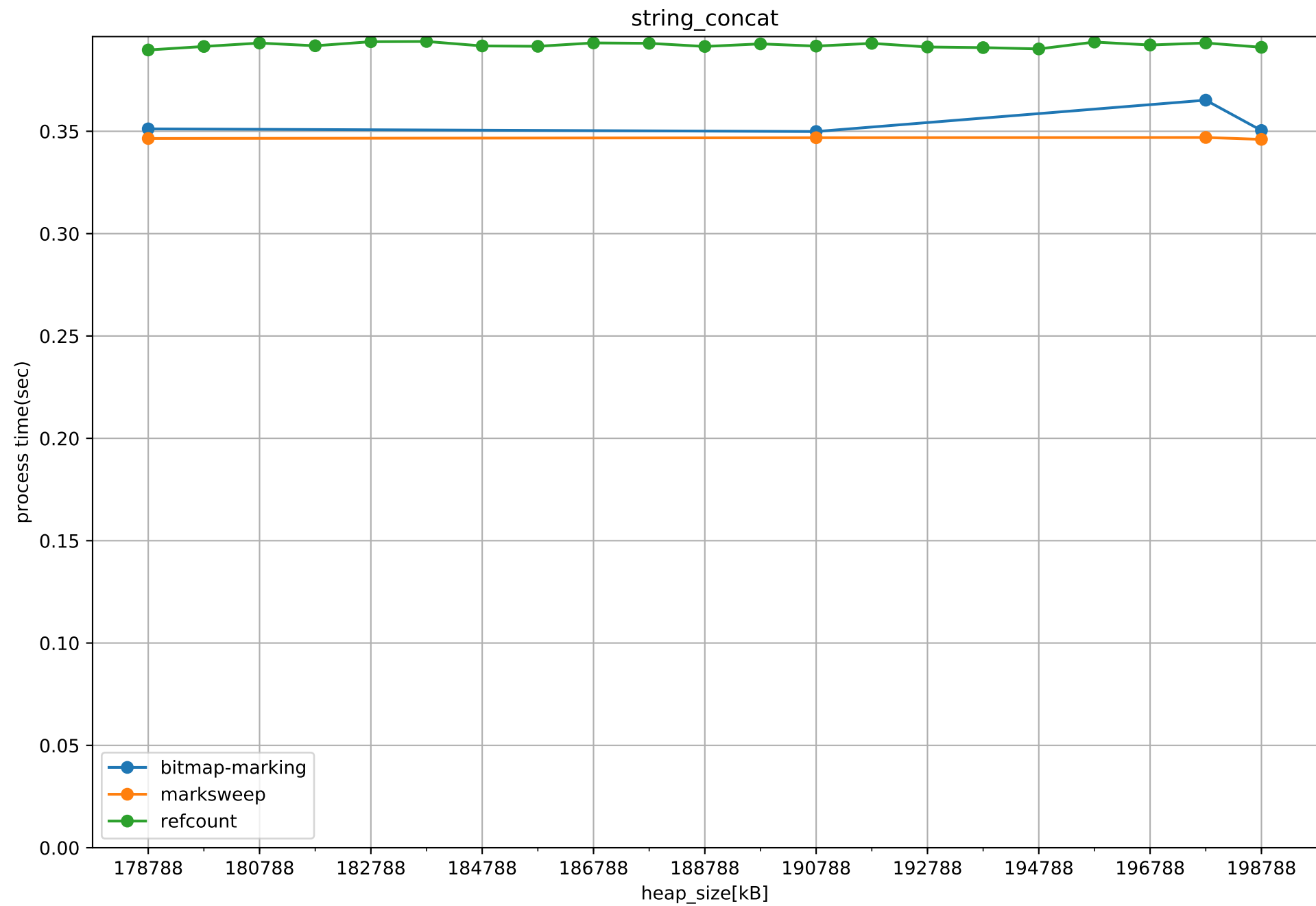


marksweep-m32 total time

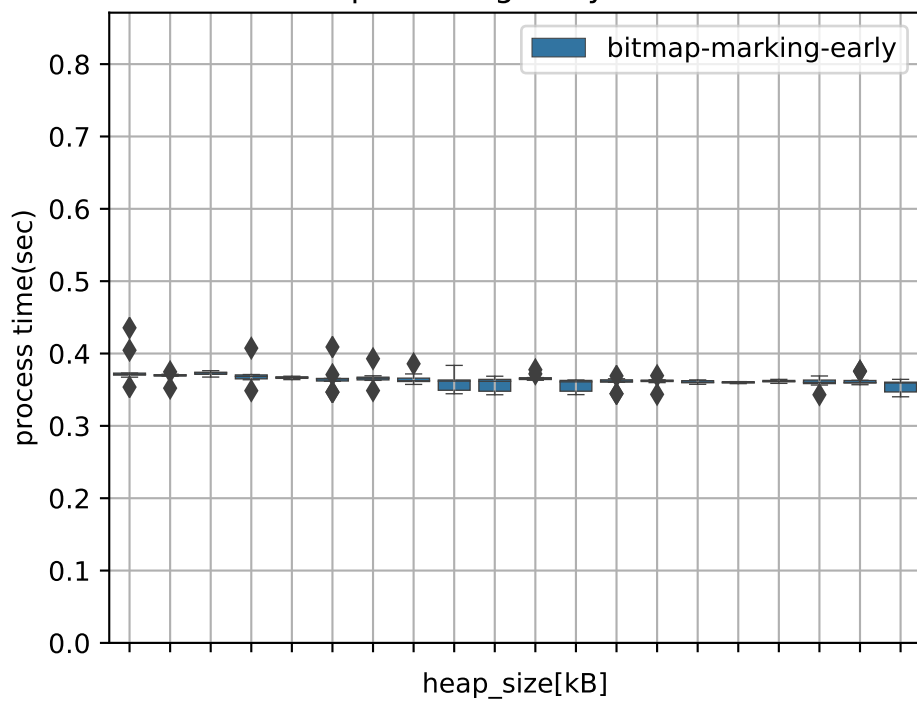


refcnt-m32 total time

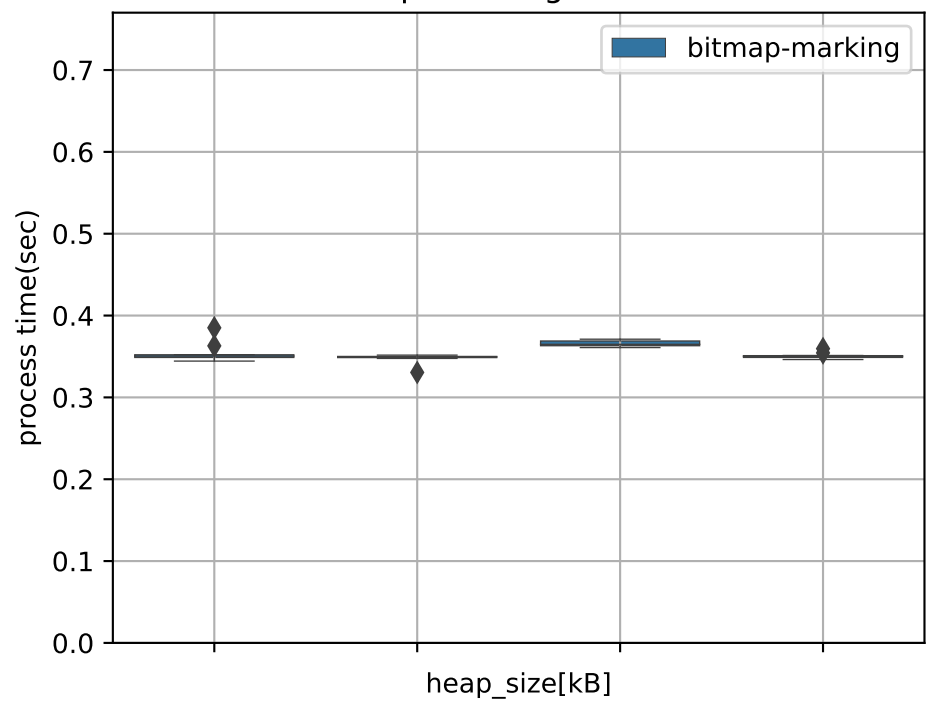




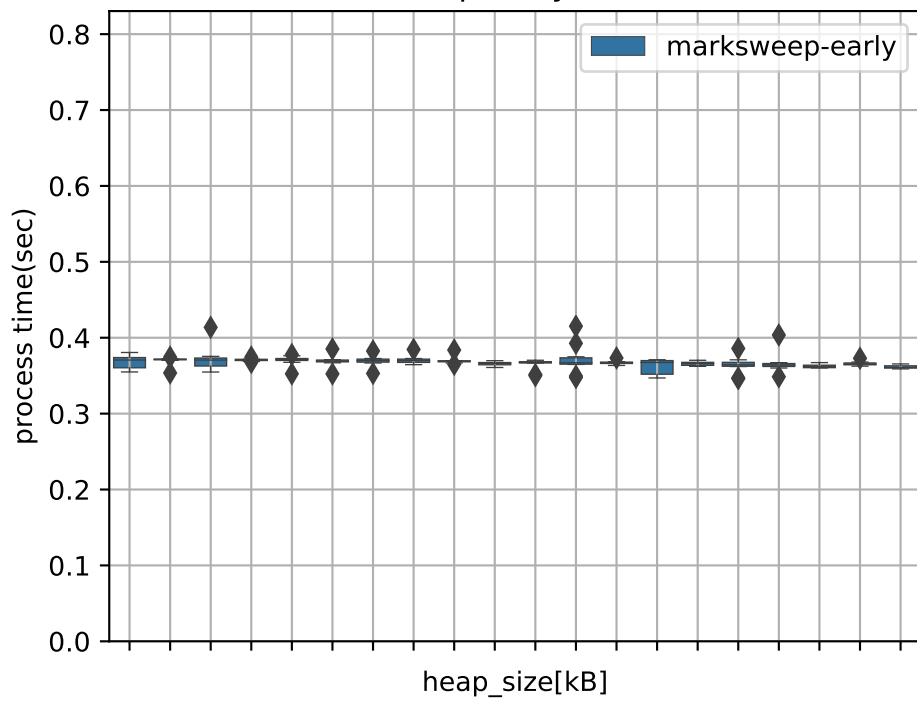
bitmap-marking-early total time



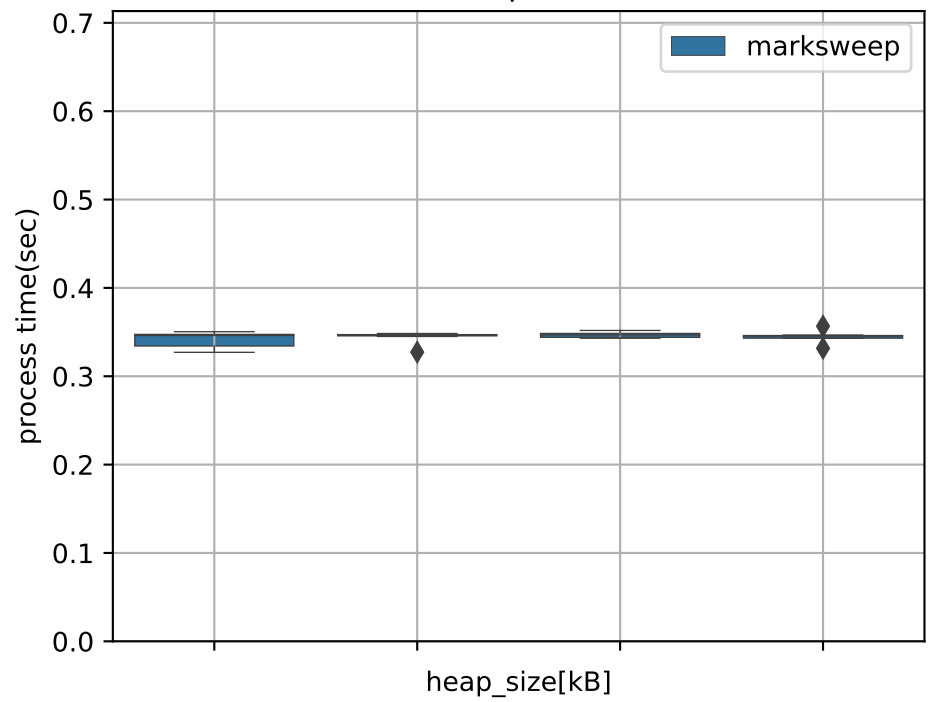
bitmap-marking total time



marksweep-early total time



marksweep total time



refcount total time

