方法B

```
1  static void psset_stats_insert(psset_t* psset, hpdata_t *ps) {
2      if (hpdata_empty(ps)) {
3          psset_bin_stats_insert(psset, psset->stats.empty_slabs, ps);
4      } else if (hpdata_full(ps)) {
5          psset_bin_stats_insert(psset, psset->stats.full_slabs, ps);
6      } else {
7          pszind_t pind = psset_hpdata_heap_index(ps);
8          psset_bin_stats_insert(psset, psset->stats.nonfull_slabs[pind],
9              ps);
10     }
11 }
```

方法C

```
1  static void psset_bin_stats_insert(psset_t *psset, psset_bin_stats_t *binstats,
2      hpdata_t *ps) {
3      psset_bin_stats_insert_remove(psset, binstats, ps, true);
4  }
```

方法A

```
1  void psset_insert(psset_t *psset, hpdata_t *ps) {
2      hpdata_in_psset_set(ps, true);
3
4      psset_stats_insert(psset, ps);
5      if (hpdata_alloc_allowed_get(ps)) {
6          psset_alloc_container_insert(psset, ps);
7      }
8      psset_maybe_insert_purge_list(psset, ps);
9
10     if (hpdata_hugify_allowed_get(ps)) {
11         hpdata_in_psset_hugify_container_set(ps, true);
12         hpdata_hugify_list_append(&psset->to_hugify, ps);
13     }
14 }
```

方法D

```
1  JEMALLOC_ALWAYS_INLINE void psset_bin_stats_insert_remove(psset_t *psset, psset_bin_stats_t *binstats,
2      hpdata_t *ps, bool insert) {
3      size_t mul = insert ? (size_t)1 : (size_t)-1;
4      size_t huge_idx = (size_t)hpdata_huge_get(ps);
5
6      binstats[huge_idx].npageslabs += mul * 1;
7      binstats[huge_idx].nactive += mul * hpdata_nactive_get(ps);
8      binstats[huge_idx].ndirty += mul * hpdata_ndirty_get(ps);
9
10     psset->merged_stats.npageslabs += mul * 1;
11     psset->merged_stats.nactive += mul * hpdata_nactive_get(ps);
12     psset->merged_stats.ndirty += mul * hpdata_ndirty_get(ps);
13
14     if (config_debug) {
15         psset_bin_stats_t check_stats = {0};
16         for (size_t huge = 0; huge <= 1; huge++) {
17             psset_bin_stats_accum(&check_stats,
18                 &psset->stats.full_slabs[huge]);
19             psset_bin_stats_accum(&check_stats,
20                 &psset->stats.empty_slabs[huge]);
21             for (pszind_t pind = 0; pind < PSSET_NPSIZES; pind++) {
22                 psset_bin_stats_accum(&check_stats,
23                     &psset->stats.nonfull_slabs[pind][huge]);
24             }
25         }
26     }
27 }
```