Abs distance is *abs |final solution – global minimum|*.

Figure 1 sum of abs distance for 20 runs (most functions)
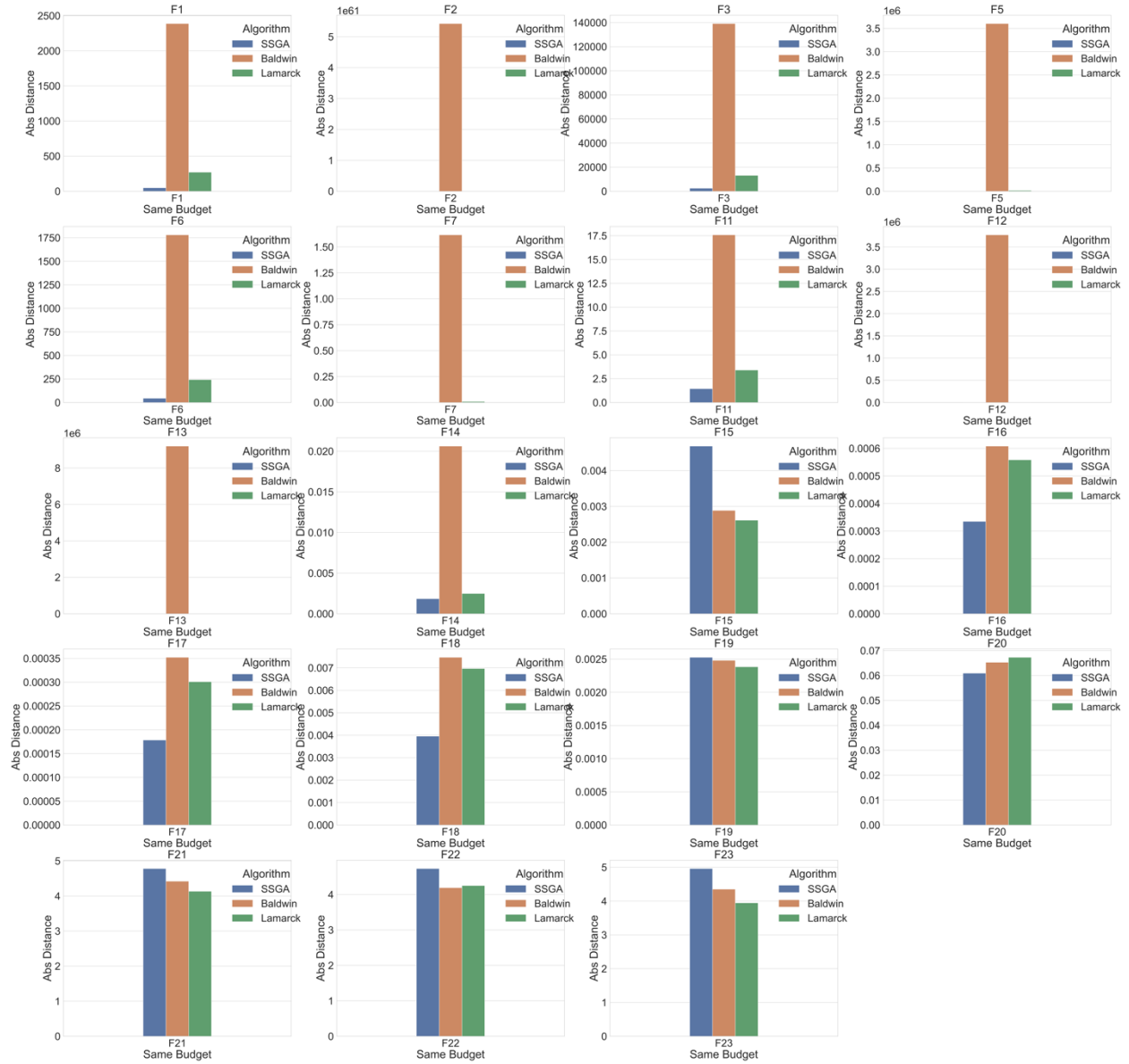

Figure 2 sum of abs distance for 20 runs(F8 and F9)
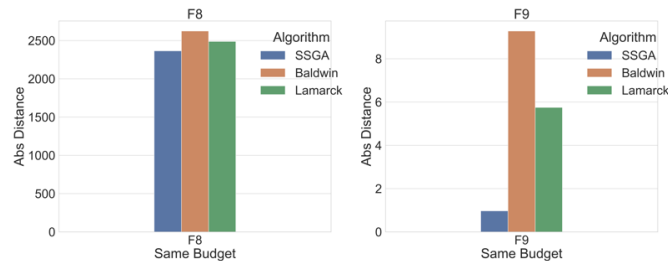
Figure 3 sum of abs distance for 20 runs (F4 and F10)
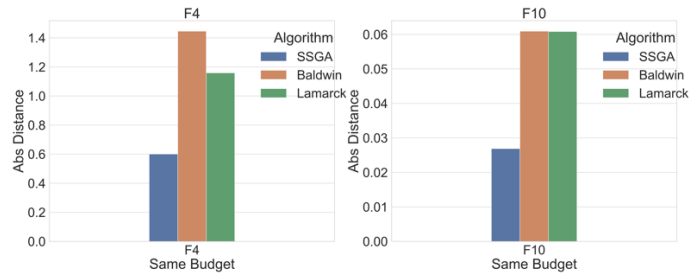

Figure 4 sum of max min distance for 20 runs(most functions)
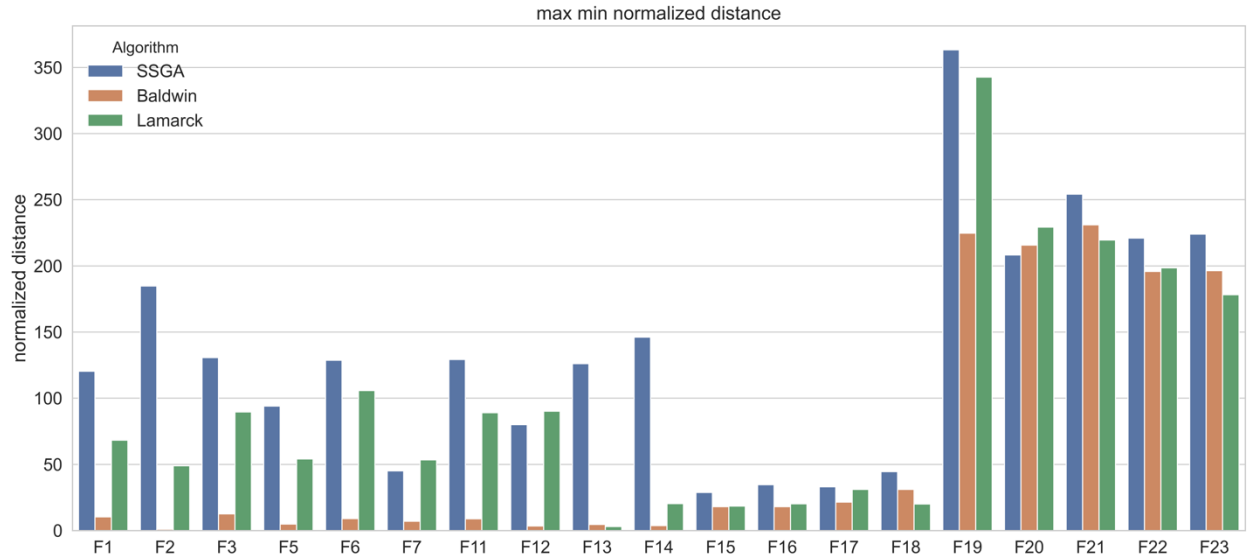

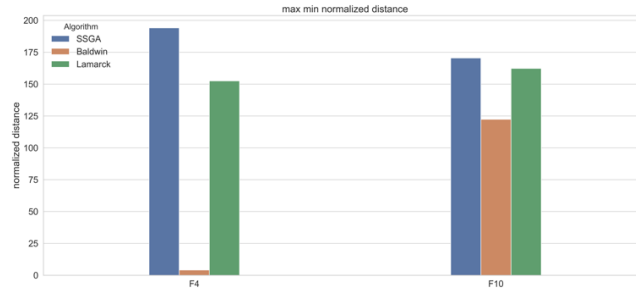*Figure 5 sum of max min distance for 20 runs (F4 and F10)*
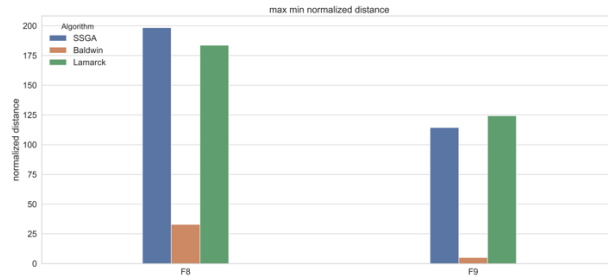

Figure 6 sum of max min distance for 20 runs (F8 and F9)

Figure 7 sum of z-score normalized distance for 20 runs (most functions)
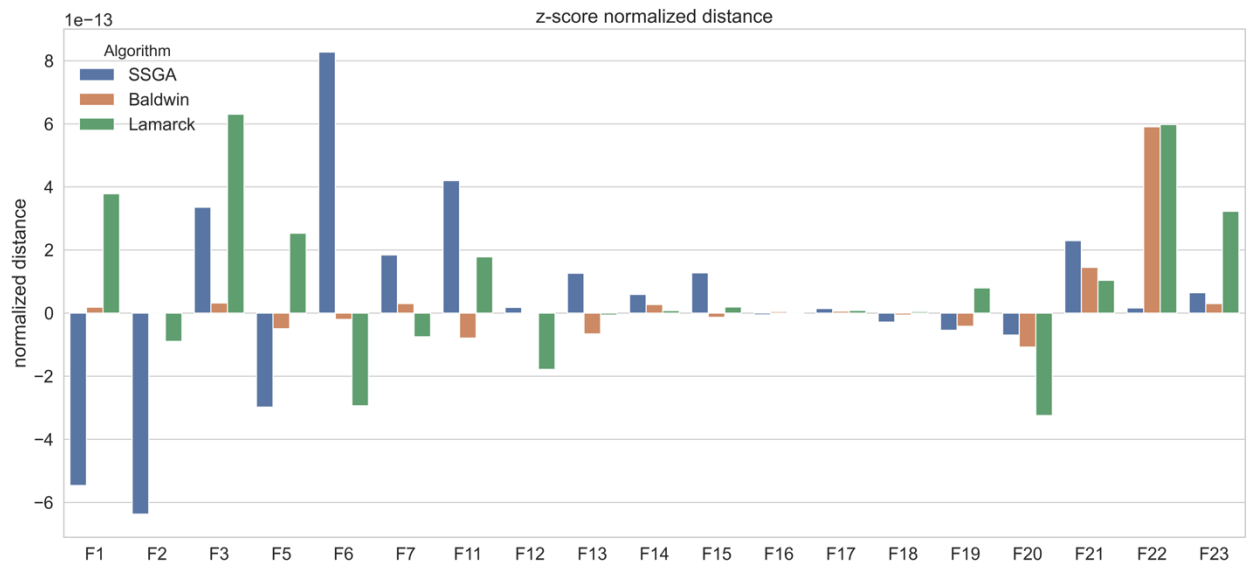

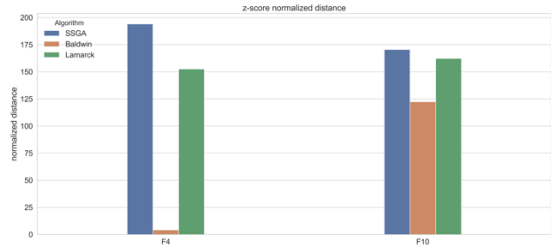*Figure 8 sum of z- score normalized distance for 20 runs (F4 and F10)*

Figure 9 sum of z- score normalized distance for 20 runs (F8 and F9)