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

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

Chart, box and whisker chart

Description automatically generated

Figure sum of abs distance for 20 runs( F8 and F9)

Chart, waterfall chart

Description automatically generated

Figure sum of abs distance for 20 runs (F4 and F10)

Chart, waterfall chart

Description automatically generated

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

Chart, bar chart

Description automatically generated

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

Chart, bar chart

Description automatically generated

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

Chart, bar chart

Description automatically generated

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

Chart, waterfall chart

Description automatically generated

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

Chart, bar chart

Description automatically generated

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

Chart, bar chart

Description automatically generated