62 x 62 adjacency matrix (dolphin dataset):

Iteration: 1000

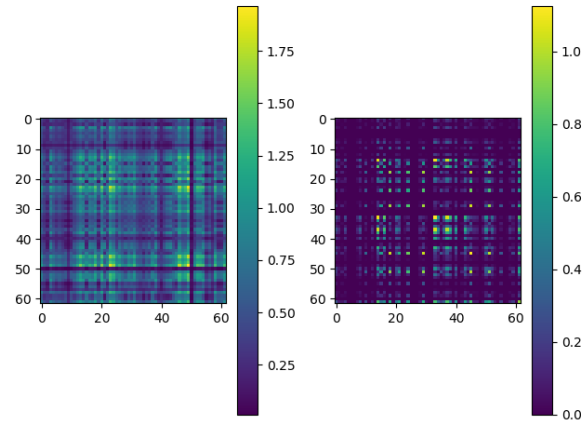**Batch number: 1 (each batch with size 62);**   **Batch number: 1.5 (each batch with size 42);**
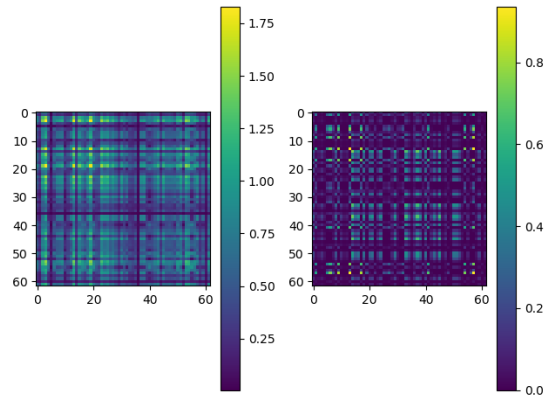
[Staring error: 36.237183576308595]   [Staring error: 40.43510603567927]

[Final error is: 15.207835500940607]   [Final error is: 15.732554573941226]

[Time taken: 0.12092447280883789]   [Time taken: 0.19687914848327637]

Batch number: 2 (each batch with size 31);   **Batch number: 4 (each batch with size 16);**
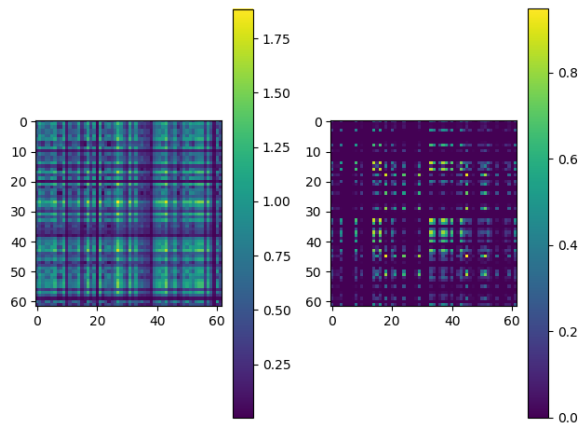
[Staring error is: 39.25734919059044]   [Staring error is: 38.95539814163412]

[Final error is: 16.089694115092055]   [Final error is: 17.846667588242187]

[Time taken: 0.14191126823425293]   [Time taken: 0.1329188346862793]

With iteration 100:

Batch number: 4 (each batch with size 16) has some values;
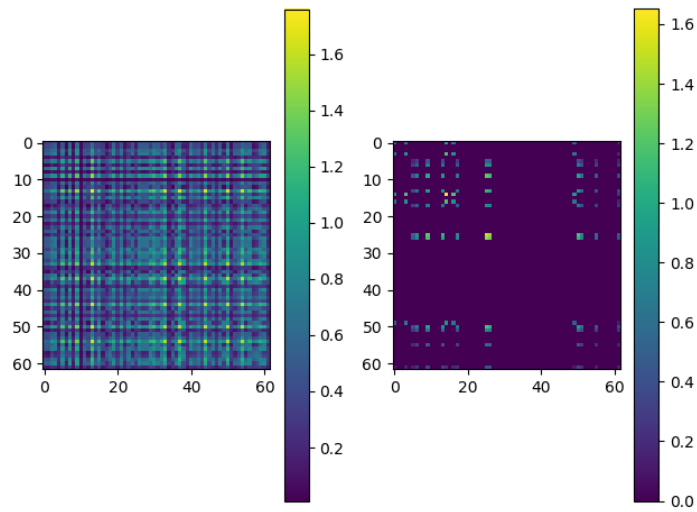
With iteration 50:

Batch number: 4 (each batch with size 16):