**Out= 0.36**

Rand = [4883, 1939, 2596, 2348, 6047, 381, 3, 425, 7321, 5496]

Iters = 4

**Out1 = .36**

Rand = [271, 1778, 425, 2075, 9684, 714, 3259, 1573, 6601, 8973]

Iters = 12

**Out1 = .37**

Rand = [9744, 5545, 552, 5790, 324, 2135, 6435, 7843, 1123, 1780]

Iters = 8

**Out2 = .36**

Rand = [7148, 1332, 8006, 247, 6801, 3890, 4418, 4448, 7252, 3040]

Iters = 6

**Out3 = .36**

Rand = [7148, 1332, 8006, 247, 6801, 3890, 4418, 4448, 7252, 3040]

Iters = 10

**Out3 = .37**

Rand = [8960, 7074, 1759, 6882, 4494, 7357, 4385, 950, 7928, 248]

Iters = 8

**Out4 = .36**

Rand = [1680, 2707, 8239, 8926, 2548, 6870, 1872, 4471, 7344, 7872]

Iters = 7

**Out5 = .36**

Rand = [1680, 2707, 8239, 8926, 2548, 6870, 1872, 4471, 7344, 7872]

Iters = 9

**With TSNE**

**Out6 = .68**

Rand = [697, 7268, 36, 2046, 6839, 168, 8363, 6154, 2369, 8653]

Iters = 8

**With TSNE**

**Out8 = .70!!!!**

Rand = [7641, 5051, 5572, 5908, 5520, 3758, 9406, 2209, 1548, 8090]

Iters = 8