

ID= 1, predicted=434, true= 1, accuracy=0.00, distance = 1.29  
ID= 2, predicted=269, true= 2, accuracy=0.00, distance = 1.04  
ID= 3, predicted=1382, true= 3, accuracy=0.00, distance = 1.49  
ID= 4, predicted=1382, true= 4, accuracy=0.00, distance = 1.44  
ID= 5, predicted=1007, true= 5, accuracy=0.00, distance = 1.55  
ID= 6, predicted=1020, true= 6, accuracy=0.00, distance = 1.26  
ID= 7, predicted=774, true= 7, accuracy=0.00, distance = 1.07  
ID= 8, predicted=1517, true= 8, accuracy=0.00, distance = 0.66  
ID= 9, predicted=1382, true= 9, accuracy=0.00, distance = 0.56  
ID= 10, predicted=1007, true= 10, accuracy=0.00, distance = 2.04  
ID= 11, predicted=271, true= 11, accuracy=0.00, distance = 1.61  
ID= 12, predicted=268, true= 12, accuracy=0.00, distance = 0.55  
ID= 13, predicted=269, true= 13, accuracy=0.00, distance = 0.35  
ID= 14, predicted=1382, true= 14, accuracy=0.00, distance = 0.66  
ID= 15, predicted=1382, true= 15, accuracy=0.00, distance = 0.78  
ID= 16, predicted=269, true= 18, accuracy=0.00, distance = 1.79  
ID= 17, predicted=536, true= 20, accuracy=0.00, distance = 1.96  
ID= 18, predicted=1289, true= 22, accuracy=0.00, distance = 2.41  
ID= 19, predicted=1630, true= 24, accuracy=0.00, distance = 1.19  
ID= 20, predicted=1047, true= 25, accuracy=0.00, distance = 1.25  
ID= 21, predicted=206, true= 26, accuracy=0.00, distance = 0.93  
ID= 22, predicted=1517, true= 27, accuracy=0.00, distance = 0.55  
ID= 23, predicted=1099, true= 28, accuracy=0.00, distance = 0.97  
ID= 24, predicted=1238, true= 29, accuracy=0.00, distance = 1.03  
ID= 25, predicted=1027, true= 30, accuracy=0.00, distance = 5.40  
ID= 26, predicted=662, true= 31, accuracy=0.00, distance = 4.34  
ID= 27, predicted=905, true= 32, accuracy=0.00, distance = 5.51  
ID= 28, predicted=939, true= 35, accuracy=0.00, distance = 2.30  
ID= 29, predicted= 36, true= 36, accuracy=1.00, distance = 2.12  
ID= 30, predicted=827, true= 39, accuracy=0.00, distance = 2.49  
ID= 31, predicted=1387, true= 40, accuracy=0.00, distance = 2.33  
ID= 32, predicted=744, true= 41, accuracy=0.00, distance = 3.72  
ID= 33, predicted=1318, true= 42, accuracy=0.00, distance = 5.49  
ID= 34, predicted=234, true= 43, accuracy=0.00, distance = 6.25  
ID= 35, predicted=639, true= 44, accuracy=0.00, distance = 4.79  
ID= 36, predicted= 67, true= 47, accuracy=0.00, distance = 3.92  
ID= 37, predicted=1099, true= 48, accuracy=0.00, distance = 0.66  
ID= 38, predicted=1204, true= 50, accuracy=0.00, distance = 2.12  
ID= 39, predicted=439, true= 51, accuracy=0.00, distance = 6.56  
ID= 40, predicted=260, true= 53, accuracy=0.00, distance = 1.25  
ID= 41, predicted=260, true= 54, accuracy=0.00, distance = 1.82  
ID= 42, predicted=1101, true= 55, accuracy=0.00, distance = 5.66  
ID= 43, predicted=1395, true= 56, accuracy=0.00, distance = 2.48  
ID= 44, predicted= 58, true= 58, accuracy=1.00, distance = 6.28  
ID= 45, predicted=1225, true= 61, accuracy=0.00, distance = 2.47  
ID= 46, predicted=1252, true= 62, accuracy=0.00, distance = 2.52  
ID= 47, predicted=1478, true= 63, accuracy=0.00, distance = 2.16

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ID= 48, predicted=1013, true= 64, accuracy=0.00, distance = 8.67  
ID= 49, predicted=755, true= 65, accuracy=0.00, distance = 2.15  
ID= 50, predicted=422, true= 67, accuracy=0.00, distance = 2.60  
ID= 51, predicted=1019, true= 69, accuracy=0.00, distance = 5.84  
ID= 52, predicted=992, true= 72, accuracy=0.00, distance = 2.58  
ID= 53, predicted=1594, true= 73, accuracy=0.00, distance = 3.53  
ID= 54, predicted=141, true= 74, accuracy=0.00, distance = 5.39  
ID= 55, predicted=747, true= 75, accuracy=0.00, distance = 12.79  
ID= 56, predicted=970, true= 76, accuracy=0.00, distance = 2.48  
ID= 57, predicted=1412, true= 78, accuracy=0.00, distance = 2.29  
ID= 58, predicted=1289, true= 79, accuracy=0.00, distance = 4.83  
ID= 59, predicted=694, true= 80, accuracy=0.00, distance = 6.31  
ID= 60, predicted=1558, true= 81, accuracy=0.00, distance = 1.48  
ID= 61, predicted=603, true= 82, accuracy=0.00, distance = 0.86  
ID= 62, predicted= 98, true= 83, accuracy=0.00, distance = 4.36  
ID= 63, predicted=1020, true= 84, accuracy=0.00, distance = 1.55  
ID= 64, predicted=790, true= 85, accuracy=0.00, distance = 6.80  
ID= 65, predicted=1566, true= 87, accuracy=0.00, distance = 3.99  
ID= 66, predicted=519, true= 90, accuracy=0.00, distance = 2.48  
ID= 67, predicted=1121, true= 92, accuracy=0.00, distance = 2.48  
ID= 68, predicted=169, true= 93, accuracy=0.00, distance = 9.75  
ID= 69, predicted=674, true= 94, accuracy=0.00, distance = 1.72  
ID= 70, predicted=1145, true= 95, accuracy=0.00, distance = 6.45  
ID= 71, predicted=868, true= 96, accuracy=0.00, distance = 3.04  
ID= 72, predicted=250, true= 97, accuracy=0.00, distance = 2.80  
ID= 73, predicted=1543, true= 98, accuracy=0.00, distance = 3.49  
ID= 74, predicted=127, true= 99, accuracy=0.00, distance = 1.95  
ID= 75, predicted=748, true=100, accuracy=0.00, distance = 2.07  
ID= 76, predicted=748, true=101, accuracy=0.00, distance = 3.25  
ID= 77, predicted=674, true=102, accuracy=0.00, distance = 2.18  
ID= 78, predicted=245, true=103, accuracy=0.00, distance = 5.31  
ID= 79, predicted=632, true=104, accuracy=0.00, distance = 1.69  
ID= 80, predicted=1195, true=105, accuracy=0.00, distance = 1.12  
ID= 81, predicted=391, true=106, accuracy=0.00, distance = 1.23  
ID= 82, predicted=1540, true=108, accuracy=0.00, distance = 2.31  
ID= 83, predicted=500, true=110, accuracy=0.00, distance = 2.38  
ID= 84, predicted=1430, true=112, accuracy=0.00, distance = 5.50  
ID= 85, predicted=558, true=113, accuracy=0.00, distance = 1.72  
ID= 86, predicted=186, true=114, accuracy=0.00, distance = 3.24  
ID= 87, predicted=1234, true=115, accuracy=0.00, distance = 2.12  
ID= 88, predicted=116, true=116, accuracy=1.00, distance = 2.84  
ID= 89, predicted=213, true=117, accuracy=0.00, distance = 2.12  
ID= 90, predicted=1230, true=118, accuracy=0.00, distance = 7.95  
ID= 91, predicted=157, true=120, accuracy=0.00, distance = 4.24  
ID= 92, predicted=121, true=121, accuracy=1.00, distance = 5.07  
ID= 93, predicted=213, true=122, accuracy=0.00, distance = 4.13  
ID= 94, predicted=1496, true=123, accuracy=0.00, distance = 2.92  
ID= 95, predicted=128, true=125, accuracy=0.00, distance = 1.94

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ID= 96, predicted=260, true=127, accuracy=0.00, distance = 1.99  
ID= 97, predicted=628, true=128, accuracy=0.00, distance = 3.83  
ID= 98, predicted=653, true=130, accuracy=0.00, distance = 8.33  
ID= 99, predicted=477, true=131, accuracy=0.00, distance = 2.14  
ID= 100, predicted=1003, true=135, accuracy=0.00, distance = 2.69  
ID= 101, predicted=295, true=136, accuracy=0.00, distance = 1.01  
ID= 102, predicted=641, true=137, accuracy=0.00, distance = 1.45  
ID= 103, predicted=1085, true=138, accuracy=0.00, distance = 5.66  
ID= 104, predicted=141, true=141, accuracy=1.00, distance = 1.62  
ID= 105, predicted=260, true=143, accuracy=0.00, distance = 2.18  
ID= 106, predicted=550, true=144, accuracy=0.00, distance = 2.35  
ID= 107, predicted=269, true=145, accuracy=0.00, distance = 1.48  
ID= 108, predicted=308, true=146, accuracy=0.00, distance = 2.47  
ID= 109, predicted=149, true=149, accuracy=1.00, distance = 2.08  
ID= 110, predicted=181, true=150, accuracy=0.00, distance = 2.53  
ID= 111, predicted=1042, true=152, accuracy=0.00, distance = 4.48  
ID= 112, predicted=154, true=154, accuracy=1.00, distance = 1.85  
ID= 113, predicted=1260, true=155, accuracy=0.00, distance = 6.42  
ID= 114, predicted=1412, true=156, accuracy=0.00, distance = 1.22  
ID= 115, predicted= 79, true=157, accuracy=0.00, distance = 4.59  
ID= 116, predicted=1490, true=158, accuracy=0.00, distance = 1.68  
ID= 117, predicted=1227, true=159, accuracy=0.00, distance = 3.74  
ID= 118, predicted=902, true=160, accuracy=0.00, distance = 1.32  
ID= 119, predicted=1472, true=161, accuracy=0.00, distance = 3.41  
ID= 120, predicted=1475, true=162, accuracy=0.00, distance = 0.35  
ID= 121, predicted=1489, true=163, accuracy=0.00, distance = 6.47  
ID= 122, predicted=364, true=164, accuracy=0.00, distance = 2.74  
ID= 123, predicted=160, true=165, accuracy=0.00, distance = 2.07  
ID= 124, predicted= 84, true=167, accuracy=0.00, distance = 2.68  
ID= 125, predicted=1265, true=168, accuracy=0.00, distance = 2.82  
ID= 126, predicted=169, true=169, accuracy=1.00, distance = 1.60  
ID= 127, predicted=569, true=170, accuracy=0.00, distance = 4.18  
ID= 128, predicted=267, true=172, accuracy=0.00, distance = 2.73  
ID= 129, predicted=1139, true=173, accuracy=0.00, distance = 3.30  
ID= 130, predicted=186, true=174, accuracy=0.00, distance = 3.01  
ID= 131, predicted= 48, true=175, accuracy=0.00, distance = 2.31  
ID= 132, predicted=331, true=178, accuracy=0.00, distance = 2.81  
ID= 133, predicted=305, true=179, accuracy=0.00, distance = 7.94  
ID= 134, predicted=180, true=180, accuracy=1.00, distance = 7.01  
ID= 135, predicted=1517, true=181, accuracy=0.00, distance = 1.72  
ID= 136, predicted=748, true=182, accuracy=0.00, distance = 2.94  
ID= 137, predicted=674, true=183, accuracy=0.00, distance = 2.18  
ID= 138, predicted=403, true=185, accuracy=0.00, distance = 6.76  
ID= 139, predicted=1020, true=186, accuracy=0.00, distance = 1.50  
ID= 140, predicted=188, true=188, accuracy=1.00, distance = 6.34  
ID= 141, predicted=998, true=189, accuracy=0.00, distance = 2.03  
ID= 142, predicted=558, true=191, accuracy=0.00, distance = 1.71  
ID= 143, predicted=1177, true=192, accuracy=0.00, distance = 4.09

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ID= 144, predicted=688, true=193, accuracy=0.00, distance = 5.58  
ID= 145, predicted=1199, true=195, accuracy=0.00, distance = 4.58  
ID= 146, predicted=1304, true=196, accuracy=0.00, distance = 5.01  
ID= 147, predicted=197, true=197, accuracy=1.00, distance = 6.91  
ID= 148, predicted=499, true=198, accuracy=0.00, distance = 2.02  
ID= 149, predicted=308, true=199, accuracy=0.00, distance = 2.21  
ID= 150, predicted=288, true=200, accuracy=0.00, distance = 3.54  
ID= 151, predicted=434, true=204, accuracy=0.00, distance = 1.38  
ID= 152, predicted=308, true=206, accuracy=0.00, distance = 1.36  
ID= 153, predicted=1225, true=207, accuracy=0.00, distance = 1.62  
ID= 154, predicted=210, true=210, accuracy=1.00, distance = 3.27  
ID= 155, predicted=212, true=212, accuracy=1.00, distance = 9.94  
ID= 156, predicted=1517, true=213, accuracy=0.00, distance = 1.36  
ID= 157, predicted=1447, true=214, accuracy=0.00, distance = 4.77  
ID= 158, predicted=215, true=215, accuracy=1.00, distance = 1.65  
ID= 159, predicted=1389, true=216, accuracy=0.00, distance = 5.18  
ID= 160, predicted=638, true=217, accuracy=0.00, distance = 2.03  
ID= 161, predicted=1534, true=221, accuracy=0.00, distance = 1.73  
ID= 162, predicted=351, true=222, accuracy=0.00, distance = 2.10  
ID= 163, predicted=901, true=224, accuracy=0.00, distance = 2.40  
ID= 164, predicted=277, true=225, accuracy=0.00, distance = 7.97  
ID= 165, predicted=432, true=226, accuracy=0.00, distance = 7.19  
ID= 166, predicted=226, true=227, accuracy=0.00, distance = 8.75  
ID= 167, predicted=1098, true=228, accuracy=0.00, distance = 2.96  
ID= 168, predicted=1019, true=234, accuracy=0.00, distance = 5.90  
ID= 169, predicted=296, true=238, accuracy=0.00, distance = 1.52  
ID= 170, predicted=962, true=240, accuracy=0.00, distance = 4.20  
ID= 171, predicted=373, true=241, accuracy=0.00, distance = 6.87  
ID= 172, predicted=182, true=243, accuracy=0.00, distance = 2.32  
ID= 173, predicted=499, true=244, accuracy=0.00, distance = 1.97  
ID= 174, predicted=182, true=245, accuracy=0.00, distance = 1.71  
ID= 175, predicted=1337, true=246, accuracy=0.00, distance = 2.41  
ID= 176, predicted=320, true=247, accuracy=0.00, distance = 4.65  
ID= 177, predicted=760, true=248, accuracy=0.00, distance = 4.03  
ID= 178, predicted=1137, true=249, accuracy=0.00, distance = 5.17  
ID= 179, predicted=1390, true=250, accuracy=0.00, distance = 3.70  
ID= 180, predicted=856, true=254, accuracy=0.00, distance = 10.15  
ID= 181, predicted=1534, true=255, accuracy=0.00, distance = 1.56  
ID= 182, predicted=127, true=258, accuracy=0.00, distance = 1.79  
ID= 183, predicted=961, true=259, accuracy=0.00, distance = 2.57  
ID= 184, predicted=1016, true=260, accuracy=0.00, distance = 1.92  
ID= 185, predicted=261, true=261, accuracy=1.00, distance = 1.45  
ID= 186, predicted=799, true=263, accuracy=0.00, distance = 1.16  
ID= 187, predicted=1163, true=266, accuracy=0.00, distance = 2.80  
ID= 188, predicted=696, true=267, accuracy=0.00, distance = 1.91  
ID= 189, predicted=1090, true=268, accuracy=0.00, distance = 1.83  
ID= 190, predicted=295, true=269, accuracy=0.00, distance = 1.25  
ID= 191, predicted=1063, true=271, accuracy=0.00, distance = 3.25

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ID= 192, predicted=1609, true=272, accuracy=0.00, distance = 1.94  
ID= 193, predicted=274, true=274, accuracy=1.00, distance = 2.55  
ID= 194, predicted=275, true=275, accuracy=1.00, distance = 2.19  
ID= 195, predicted=1009, true=276, accuracy=0.00, distance = 2.78  
ID= 196, predicted=743, true=277, accuracy=0.00, distance = 4.73  
ID= 197, predicted=454, true=278, accuracy=0.00, distance = 2.22  
ID= 198, predicted=280, true=280, accuracy=1.00, distance = 1.21  
ID= 199, predicted=596, true=282, accuracy=0.00, distance = 6.38  
ID= 200, predicted=1630, true=283, accuracy=0.00, distance = 0.98  
ID= 201, predicted=1227, true=285, accuracy=0.00, distance = 3.28  
ID= 202, predicted=1489, true=286, accuracy=0.00, distance = 4.34  
ID= 203, predicted=1158, true=287, accuracy=0.00, distance = 1.76  
ID= 204, predicted=1306, true=288, accuracy=0.00, distance = 5.63  
ID= 205, predicted=1255, true=289, accuracy=0.00, distance = 9.85  
ID= 206, predicted=291, true=291, accuracy=1.00, distance = 2.28  
ID= 207, predicted=1188, true=292, accuracy=0.00, distance = 1.67  
ID= 208, predicted=1517, true=295, accuracy=0.00, distance = 0.77  
ID= 209, predicted=1556, true=296, accuracy=0.00, distance = 1.67  
ID= 210, predicted=113, true=298, accuracy=0.00, distance = 1.69  
ID= 211, predicted=300, true=300, accuracy=1.00, distance = 1.22  
ID= 212, predicted=322, true=301, accuracy=0.00, distance = 6.40  
ID= 213, predicted=1139, true=302, accuracy=0.00, distance = 3.66  
ID= 214, predicted=1358, true=304, accuracy=0.00, distance = 1.61  
ID= 215, predicted=319, true=305, accuracy=0.00, distance = 5.59  
ID= 216, predicted=306, true=306, accuracy=1.00, distance = 4.37  
ID= 217, predicted=308, true=308, accuracy=1.00, distance = 1.85  
ID= 218, predicted=146, true=310, accuracy=0.00, distance = 7.73  
ID= 219, predicted=1011, true=311, accuracy=0.00, distance = 1.60  
ID= 220, predicted=313, true=313, accuracy=1.00, distance = 6.62  
ID= 221, predicted=226, true=315, accuracy=0.00, distance = 11.85  
ID= 222, predicted=370, true=316, accuracy=0.00, distance = 1.14  
ID= 223, predicted=603, true=317, accuracy=0.00, distance = 1.33  
ID= 224, predicted=137, true=318, accuracy=0.00, distance = 2.00  
ID= 225, predicted=108, true=319, accuracy=0.00, distance = 1.78  
ID= 226, predicted=320, true=320, accuracy=1.00, distance = 3.42  
ID= 227, predicted=415, true=321, accuracy=0.00, distance = 4.45  
ID= 228, predicted=705, true=322, accuracy=0.00, distance = 2.31  
ID= 229, predicted=690, true=323, accuracy=0.00, distance = 1.64  
ID= 230, predicted=324, true=324, accuracy=1.00, distance = 2.23  
ID= 231, predicted= 72, true=325, accuracy=0.00, distance = 1.93  
ID= 232, predicted=1515, true=329, accuracy=0.00, distance = 3.47  
ID= 233, predicted=1610, true=330, accuracy=0.00, distance = 2.08  
ID= 234, predicted=296, true=331, accuracy=0.00, distance = 10.63  
ID= 235, predicted=1012, true=332, accuracy=0.00, distance = 3.36  
ID= 236, predicted=333, true=333, accuracy=1.00, distance = 1.25  
ID= 237, predicted=1024, true=334, accuracy=0.00, distance = 10.35  
ID= 238, predicted=820, true=335, accuracy=0.00, distance = 4.55  
ID= 239, predicted=712, true=338, accuracy=0.00, distance = 2.03

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ID= 240, predicted=339, true=339, accuracy=1.00, distance = 8.18  
ID= 241, predicted=181, true=340, accuracy=0.00, distance = 3.99  
ID= 242, predicted=1473, true=342, accuracy=0.00, distance = 1.60  
ID= 243, predicted=1383, true=343, accuracy=0.00, distance = 8.73  
ID= 244, predicted=1383, true=344, accuracy=0.00, distance = 6.61  
ID= 245, predicted=628, true=345, accuracy=0.00, distance = 2.90  
ID= 246, predicted=347, true=347, accuracy=1.00, distance = 1.02  
ID= 247, predicted=358, true=350, accuracy=0.00, distance = 6.59  
ID= 248, predicted=1630, true=351, accuracy=0.00, distance = 2.02  
ID= 249, predicted=426, true=353, accuracy=0.00, distance = 3.80  
ID= 250, predicted=719, true=354, accuracy=0.00, distance = 1.16  
ID= 251, predicted=475, true=355, accuracy=0.00, distance = 1.98  
ID= 252, predicted=191, true=356, accuracy=0.00, distance = 2.70  
ID= 253, predicted=357, true=357, accuracy=1.00, distance = 2.59  
ID= 254, predicted=632, true=358, accuracy=0.00, distance = 2.71  
ID= 255, predicted=1517, true=359, accuracy=0.00, distance = 1.03  
ID= 256, predicted=1452, true=360, accuracy=0.00, distance = 1.81  
ID= 257, predicted=1516, true=362, accuracy=0.00, distance = 2.20  
ID= 258, predicted=266, true=363, accuracy=0.00, distance = 10.18  
ID= 259, predicted=164, true=364, accuracy=0.00, distance = 3.78  
ID= 260, predicted=1619, true=366, accuracy=0.00, distance = 3.47  
ID= 261, predicted= 62, true=368, accuracy=0.00, distance = 2.17  
ID= 262, predicted=997, true=370, accuracy=0.00, distance = 1.16  
ID= 263, predicted=707, true=371, accuracy=0.00, distance = 4.68  
ID= 264, predicted=1463, true=372, accuracy=0.00, distance = 5.27  
ID= 265, predicted=263, true=373, accuracy=0.00, distance = 1.36  
ID= 266, predicted=108, true=374, accuracy=0.00, distance = 1.34  
ID= 267, predicted=1227, true=375, accuracy=0.00, distance = 0.91  
ID= 268, predicted=776, true=378, accuracy=0.00, distance = 1.23  
ID= 269, predicted=1550, true=379, accuracy=0.00, distance = 7.27  
ID= 270, predicted=381, true=381, accuracy=1.00, distance = 19.90  
ID= 271, predicted= 62, true=382, accuracy=0.00, distance = 2.49  
ID= 272, predicted=385, true=385, accuracy=1.00, distance = 1.86  
ID= 273, predicted=1496, true=386, accuracy=0.00, distance = 1.26  
ID= 274, predicted=387, true=387, accuracy=1.00, distance = 7.69  
ID= 275, predicted=388, true=388, accuracy=1.00, distance = 7.07  
ID= 276, predicted=1630, true=391, accuracy=0.00, distance = 1.62  
ID= 277, predicted=1467, true=393, accuracy=0.00, distance = 5.01  
ID= 278, predicted=872, true=396, accuracy=0.00, distance = 2.82  
ID= 279, predicted=398, true=398, accuracy=1.00, distance = 7.09  
ID= 280, predicted=1329, true=399, accuracy=0.00, distance = 3.21  
ID= 281, predicted=968, true=400, accuracy=0.00, distance = 3.00  
ID= 282, predicted=1149, true=401, accuracy=0.00, distance = 8.07  
ID= 283, predicted=1271, true=402, accuracy=0.00, distance = 3.24  
ID= 284, predicted=1492, true=403, accuracy=0.00, distance = 3.16  
ID= 285, predicted=405, true=405, accuracy=1.00, distance = 4.51  
ID= 286, predicted=1517, true=406, accuracy=0.00, distance = 1.85  
ID= 287, predicted=818, true=407, accuracy=0.00, distance = 2.67

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ID= 288, predicted=358, true=408, accuracy=0.00, distance = 5.63  
ID= 289, predicted=892, true=409, accuracy=0.00, distance = 2.81  
ID= 290, predicted=968, true=410, accuracy=0.00, distance = 7.40  
ID= 291, predicted=1615, true=411, accuracy=0.00, distance = 5.27  
ID= 292, predicted=338, true=413, accuracy=0.00, distance = 2.29  
ID= 293, predicted=638, true=414, accuracy=0.00, distance = 3.95  
ID= 294, predicted=519, true=415, accuracy=0.00, distance = 2.76  
ID= 295, predicted=1263, true=417, accuracy=0.00, distance = 2.21  
ID= 296, predicted=419, true=419, accuracy=1.00, distance = 5.61  
ID= 297, predicted=277, true=421, accuracy=0.00, distance = 2.63  
ID= 298, predicted=407, true=422, accuracy=0.00, distance = 2.37  
ID= 299, predicted=661, true=423, accuracy=0.00, distance = 11.66  
ID= 300, predicted= 6, true=424, accuracy=0.00, distance = 4.75  
ID= 301, predicted=421, true=425, accuracy=0.00, distance = 3.73  
ID= 302, predicted=827, true=426, accuracy=0.00, distance = 2.30  
ID= 303, predicted=429, true=429, accuracy=1.00, distance = 3.50  
ID= 304, predicted=1200, true=430, accuracy=0.00, distance = 2.31  
ID= 305, predicted=755, true=431, accuracy=0.00, distance = 4.95  
ID= 306, predicted=822, true=432, accuracy=0.00, distance = 3.72  
ID= 307, predicted=433, true=433, accuracy=1.00, distance = 4.92  
ID= 308, predicted=295, true=434, accuracy=0.00, distance = 0.75  
ID= 309, predicted=1025, true=435, accuracy=0.00, distance = 2.03  
ID= 310, predicted= 90, true=436, accuracy=0.00, distance = 6.49  
ID= 311, predicted=437, true=437, accuracy=1.00, distance = 6.58  
ID= 312, predicted=1525, true=438, accuracy=0.00, distance = 1.88  
ID= 313, predicted=923, true=439, accuracy=0.00, distance = 2.80  
ID= 314, predicted=1587, true=440, accuracy=0.00, distance = 6.39  
ID= 315, predicted=1630, true=441, accuracy=0.00, distance = 2.69  
ID= 316, predicted=653, true=442, accuracy=0.00, distance = 4.39  
ID= 317, predicted=1290, true=446, accuracy=0.00, distance = 1.37  
ID= 318, predicted=447, true=447, accuracy=1.00, distance = 5.02  
ID= 319, predicted= 65, true=449, accuracy=0.00, distance = 2.68  
ID= 320, predicted=452, true=452, accuracy=1.00, distance = 1.36  
ID= 321, predicted=1099, true=453, accuracy=0.00, distance = 1.02  
ID= 322, predicted=1289, true=454, accuracy=0.00, distance = 3.66  
ID= 323, predicted=260, true=458, accuracy=0.00, distance = 2.26  
ID= 324, predicted=1525, true=459, accuracy=0.00, distance = 1.39  
ID= 325, predicted=1384, true=460, accuracy=0.00, distance = 1.88  
ID= 326, predicted=1585, true=461, accuracy=0.00, distance = 5.23  
ID= 327, predicted=1071, true=462, accuracy=0.00, distance = 4.53  
ID= 328, predicted=1025, true=464, accuracy=0.00, distance = 2.62  
ID= 329, predicted=970, true=466, accuracy=0.00, distance = 1.83  
ID= 330, predicted=1566, true=467, accuracy=0.00, distance = 3.78  
ID= 331, predicted=1011, true=468, accuracy=0.00, distance = 1.62  
ID= 332, predicted= 72, true=471, accuracy=0.00, distance = 4.73  
ID= 333, predicted=1526, true=472, accuracy=0.00, distance = 7.84  
ID= 334, predicted= 63, true=473, accuracy=0.00, distance = 2.82  
ID= 335, predicted=474, true=474, accuracy=1.00, distance = 3.89

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ID= 336, predicted=558, true=475, accuracy=0.00, distance = 2.62  
ID= 337, predicted= 72, true=476, accuracy=0.00, distance = 2.96  
ID= 338, predicted=477, true=477, accuracy=1.00, distance = 3.92  
ID= 339, predicted=601, true=478, accuracy=0.00, distance = 4.27  
ID= 340, predicted=169, true=479, accuracy=0.00, distance = 2.18  
ID= 341, predicted=626, true=480, accuracy=0.00, distance = 5.16  
ID= 342, predicted=1276, true=481, accuracy=0.00, distance = 1.96  
ID= 343, predicted=105, true=482, accuracy=0.00, distance = 5.75  
ID= 344, predicted= 65, true=483, accuracy=0.00, distance = 1.89  
ID= 345, predicted=1535, true=484, accuracy=0.00, distance = 1.12  
ID= 346, predicted=485, true=485, accuracy=1.00, distance = 2.64  
ID= 347, predicted=1536, true=487, accuracy=0.00, distance = 2.48  
ID= 348, predicted=1029, true=490, accuracy=0.00, distance = 8.95  
ID= 349, predicted=1613, true=491, accuracy=0.00, distance = 2.93  
ID= 350, predicted=887, true=492, accuracy=0.00, distance = 1.11  
ID= 351, predicted=1573, true=493, accuracy=0.00, distance = 4.28  
ID= 352, predicted=482, true=495, accuracy=0.00, distance = 2.92  
ID= 353, predicted=1376, true=496, accuracy=0.00, distance = 8.23  
ID= 354, predicted=497, true=497, accuracy=1.00, distance = 4.16  
ID= 355, predicted=498, true=498, accuracy=1.00, distance = 4.24  
ID= 356, predicted=1480, true=499, accuracy=0.00, distance = 3.65  
ID= 357, predicted=466, true=500, accuracy=0.00, distance = 6.07  
ID= 358, predicted=586, true=502, accuracy=0.00, distance = 6.12  
ID= 359, predicted= 28, true=504, accuracy=0.00, distance = 2.53  
ID= 360, predicted=1142, true=507, accuracy=0.00, distance = 5.03  
ID= 361, predicted=864, true=508, accuracy=0.00, distance = 3.75  
ID= 362, predicted= 85, true=509, accuracy=0.00, distance = 8.87  
ID= 363, predicted=1274, true=510, accuracy=0.00, distance = 2.27  
ID= 364, predicted=1142, true=511, accuracy=0.00, distance = 1.86  
ID= 365, predicted=512, true=512, accuracy=1.00, distance = 4.69  
ID= 366, predicted=569, true=513, accuracy=0.00, distance = 4.89  
ID= 367, predicted=495, true=515, accuracy=0.00, distance = 2.90  
ID= 368, predicted=516, true=516, accuracy=1.00, distance = 6.48  
ID= 369, predicted=519, true=519, accuracy=1.00, distance = 1.25  
ID= 370, predicted=1615, true=520, accuracy=0.00, distance = 3.96  
ID= 371, predicted=521, true=521, accuracy=1.00, distance = 2.98  
ID= 372, predicted=870, true=523, accuracy=0.00, distance = 10.52  
ID= 373, predicted=170, true=524, accuracy=0.00, distance = 12.69  
ID= 374, predicted=916, true=525, accuracy=0.00, distance = 3.44  
ID= 375, predicted=526, true=526, accuracy=1.00, distance = 2.02  
ID= 376, predicted=351, true=527, accuracy=0.00, distance = 3.18  
ID= 377, predicted=118, true=528, accuracy=0.00, distance = 30.45  
ID= 378, predicted=1136, true=529, accuracy=0.00, distance = 3.76  
ID= 379, predicted=533, true=533, accuracy=1.00, distance = 9.54  
ID= 380, predicted=144, true=535, accuracy=0.00, distance = 1.72  
ID= 381, predicted=862, true=536, accuracy=0.00, distance = 1.51  
ID= 382, predicted= 41, true=537, accuracy=0.00, distance = 3.51  
ID= 383, predicted=1155, true=539, accuracy=0.00, distance = 4.69



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ID= 384, predicted=803, true=540, accuracy=0.00, distance = 4.70  
ID= 385, predicted= 43, true=541, accuracy=0.00, distance = 17.91  
ID= 386, predicted= 61, true=542, accuracy=0.00, distance = 5.01  
ID= 387, predicted=674, true=543, accuracy=0.00, distance = 4.84  
ID= 388, predicted=1622, true=545, accuracy=0.00, distance = 2.37  
ID= 389, predicted=422, true=547, accuracy=0.00, distance = 2.62  
ID= 390, predicted=646, true=548, accuracy=0.00, distance = 4.43  
ID= 391, predicted=1463, true=549, accuracy=0.00, distance = 11.04  
ID= 392, predicted=1210, true=550, accuracy=0.00, distance = 2.85  
ID= 393, predicted=558, true=555, accuracy=0.00, distance = 1.72  
ID= 394, predicted=744, true=557, accuracy=0.00, distance = 13.61  
ID= 395, predicted=146, true=558, accuracy=0.00, distance = 2.36  
ID= 396, predicted=902, true=559, accuracy=0.00, distance = 2.02  
ID= 397, predicted=915, true=560, accuracy=0.00, distance = 11.68  
ID= 398, predicted=105, true=562, accuracy=0.00, distance = 1.30  
ID= 399, predicted= 25, true=563, accuracy=0.00, distance = 1.89  
ID= 400, predicted=1045, true=564, accuracy=0.00, distance = 2.32  
ID= 401, predicted=477, true=565, accuracy=0.00, distance = 3.64  
ID= 402, predicted=512, true=566, accuracy=0.00, distance = 4.33  
ID= 403, predicted=495, true=567, accuracy=0.00, distance = 2.20  
ID= 404, predicted=1260, true=568, accuracy=0.00, distance = 3.73  
ID= 405, predicted=1422, true=569, accuracy=0.00, distance = 5.77  
ID= 406, predicted=520, true=570, accuracy=0.00, distance = 1.95  
ID= 407, predicted=495, true=575, accuracy=0.00, distance = 2.75  
ID= 408, predicted=821, true=576, accuracy=0.00, distance = 7.94  
ID= 409, predicted=330, true=577, accuracy=0.00, distance = 6.07  
ID= 410, predicted=1099, true=578, accuracy=0.00, distance = 3.63  
ID= 411, predicted= 90, true=579, accuracy=0.00, distance = 10.45  
ID= 412, predicted=1106, true=580, accuracy=0.00, distance = 11.16  
ID= 413, predicted=419, true=581, accuracy=0.00, distance = 6.03  
ID= 414, predicted=317, true=586, accuracy=0.00, distance = 3.43  
ID= 415, predicted=379, true=587, accuracy=0.00, distance = 15.96  
ID= 416, predicted=322, true=588, accuracy=0.00, distance = 6.53  
ID= 417, predicted=589, true=589, accuracy=1.00, distance = 5.04  
ID= 418, predicted=721, true=591, accuracy=0.00, distance = 3.45  
ID= 419, predicted=734, true=593, accuracy=0.00, distance = 5.74  
ID= 420, predicted=1025, true=594, accuracy=0.00, distance = 1.49  
ID= 421, predicted=1195, true=595, accuracy=0.00, distance = 6.10  
ID= 422, predicted= 41, true=596, accuracy=0.00, distance = 9.14  
ID= 423, predicted=836, true=598, accuracy=0.00, distance = 4.41  
ID= 424, predicted=1075, true=599, accuracy=0.00, distance = 7.06  
ID= 425, predicted=529, true=600, accuracy=0.00, distance = 4.25  
ID= 426, predicted=849, true=601, accuracy=0.00, distance = 3.67  
ID= 427, predicted=1223, true=602, accuracy=0.00, distance = 0.79  
ID= 428, predicted=1276, true=603, accuracy=0.00, distance = 0.87  
ID= 429, predicted=604, true=604, accuracy=1.00, distance = 13.89  
ID= 430, predicted=269, true=605, accuracy=0.00, distance = 0.66  
ID= 431, predicted=1013, true=607, accuracy=0.00, distance = 2.83

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ID= 432, predicted=803, true=608, accuracy=0.00, distance = 5.37  
ID= 433, predicted=453, true=609, accuracy=0.00, distance = 1.03  
ID= 434, predicted=611, true=611, accuracy=1.00, distance = 5.24  
ID= 435, predicted= 29, true=612, accuracy=0.00, distance = 2.82  
ID= 436, predicted=1630, true=614, accuracy=0.00, distance = 1.39  
ID= 437, predicted= 75, true=617, accuracy=0.00, distance = 4.05  
ID= 438, predicted= 6, true=618, accuracy=0.00, distance = 2.55  
ID= 439, predicted=1531, true=620, accuracy=0.00, distance = 7.49  
ID= 440, predicted=830, true=622, accuracy=0.00, distance = 2.62  
ID= 441, predicted=1054, true=625, accuracy=0.00, distance = 11.05  
ID= 442, predicted=338, true=626, accuracy=0.00, distance = 1.63  
ID= 443, predicted=885, true=627, accuracy=0.00, distance = 2.18  
ID= 444, predicted=524, true=628, accuracy=0.00, distance = 2.69  
ID= 445, predicted=759, true=629, accuracy=0.00, distance = 0.96  
ID= 446, predicted=1225, true=632, accuracy=0.00, distance = 1.68  
ID= 447, predicted=636, true=633, accuracy=0.00, distance = 3.94  
ID= 448, predicted=186, true=634, accuracy=0.00, distance = 2.45  
ID= 449, predicted=329, true=635, accuracy=0.00, distance = 7.68  
ID= 450, predicted=682, true=636, accuracy=0.00, distance = 0.72  
ID= 451, predicted=591, true=638, accuracy=0.00, distance = 2.05  
ID= 452, predicted=238, true=639, accuracy=0.00, distance = 1.27  
ID= 453, predicted=224, true=640, accuracy=0.00, distance = 2.62  
ID= 454, predicted=1454, true=641, accuracy=0.00, distance = 2.79  
ID= 455, predicted=1042, true=642, accuracy=0.00, distance = 2.67  
ID= 456, predicted=302, true=643, accuracy=0.00, distance = 2.10  
ID= 457, predicted=628, true=645, accuracy=0.00, distance = 2.88  
ID= 458, predicted=1630, true=646, accuracy=0.00, distance = 1.33  
ID= 459, predicted= 79, true=647, accuracy=0.00, distance = 12.29  
ID= 460, predicted=1346, true=652, accuracy=0.00, distance = 6.54  
ID= 461, predicted=415, true=653, accuracy=0.00, distance = 6.61  
ID= 462, predicted=453, true=654, accuracy=0.00, distance = 2.00  
ID= 463, predicted=452, true=655, accuracy=0.00, distance = 1.25  
ID= 464, predicted=907, true=659, accuracy=0.00, distance = 4.42  
ID= 465, predicted=116, true=661, accuracy=0.00, distance = 4.52  
ID= 466, predicted=358, true=662, accuracy=0.00, distance = 5.91  
ID= 467, predicted=1574, true=664, accuracy=0.00, distance = 6.92  
ID= 468, predicted=396, true=666, accuracy=0.00, distance = 2.83  
ID= 469, predicted=351, true=667, accuracy=0.00, distance = 2.39  
ID= 470, predicted=673, true=673, accuracy=1.00, distance = 7.63  
ID= 471, predicted=100, true=674, accuracy=0.00, distance = 1.60  
ID= 472, predicted=674, true=675, accuracy=0.00, distance = 1.85  
ID= 473, predicted=810, true=677, accuracy=0.00, distance = 4.79  
ID= 474, predicted=679, true=679, accuracy=1.00, distance = 2.48  
ID= 475, predicted=680, true=680, accuracy=1.00, distance = 5.60  
ID= 476, predicted=759, true=681, accuracy=0.00, distance = 0.77  
ID= 477, predicted=1513, true=682, accuracy=0.00, distance = 1.36  
ID= 478, predicted=683, true=683, accuracy=1.00, distance = 6.75  
ID= 479, predicted=993, true=684, accuracy=0.00, distance = 2.52

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ID= 480, predicted=112, true=686, accuracy=0.00, distance = 4.96  
ID= 481, predicted=687, true=687, accuracy=1.00, distance = 3.18  
ID= 482, predicted=1255, true=688, accuracy=0.00, distance = 9.40  
ID= 483, predicted=970, true=689, accuracy=0.00, distance = 2.59  
ID= 484, predicted=311, true=690, accuracy=0.00, distance = 3.38  
ID= 485, predicted=692, true=692, accuracy=1.00, distance = 4.90  
ID= 486, predicted=1352, true=694, accuracy=0.00, distance = 5.08  
ID= 487, predicted= 58, true=695, accuracy=0.00, distance = 9.50  
ID= 488, predicted=765, true=696, accuracy=0.00, distance = 2.76  
ID= 489, predicted=696, true=697, accuracy=0.00, distance = 3.14  
ID= 490, predicted=865, true=698, accuracy=0.00, distance = 10.49  
ID= 491, predicted= 48, true=703, accuracy=0.00, distance = 2.37  
ID= 492, predicted=1397, true=704, accuracy=0.00, distance = 1.14  
ID= 493, predicted=705, true=705, accuracy=1.00, distance = 1.82  
ID= 494, predicted=707, true=706, accuracy=0.00, distance = 2.13  
ID= 495, predicted=750, true=707, accuracy=0.00, distance = 2.67  
ID= 496, predicted=712, true=712, accuracy=1.00, distance = 2.82  
ID= 497, predicted=1259, true=713, accuracy=0.00, distance = 2.71  
ID= 498, predicted=238, true=714, accuracy=0.00, distance = 5.12  
ID= 499, predicted= 62, true=715, accuracy=0.00, distance = 3.07  
ID= 500, predicted=263, true=716, accuracy=0.00, distance = 1.93  
ID= 501, predicted=1188, true=718, accuracy=0.00, distance = 2.00  
ID= 502, predicted=304, true=719, accuracy=0.00, distance = 3.98  
ID= 503, predicted=269, true=720, accuracy=0.00, distance = 0.99  
ID= 504, predicted=121, true=721, accuracy=0.00, distance = 3.20  
ID= 505, predicted=622, true=722, accuracy=0.00, distance = 2.82  
ID= 506, predicted=1467, true=723, accuracy=0.00, distance = 6.48  
ID= 507, predicted=1412, true=724, accuracy=0.00, distance = 1.90  
ID= 508, predicted=1318, true=725, accuracy=0.00, distance = 5.00  
ID= 509, predicted=399, true=726, accuracy=0.00, distance = 7.65  
ID= 510, predicted=728, true=728, accuracy=1.00, distance = 1.88  
ID= 511, predicted=600, true=729, accuracy=0.00, distance = 6.55  
ID= 512, predicted=1454, true=730, accuracy=0.00, distance = 3.21  
ID= 513, predicted=1158, true=731, accuracy=0.00, distance = 3.21  
ID= 514, predicted=287, true=732, accuracy=0.00, distance = 4.80  
ID= 515, predicted=1014, true=733, accuracy=0.00, distance = 6.08  
ID= 516, predicted=1454, true=734, accuracy=0.00, distance = 3.57  
ID= 517, predicted=857, true=736, accuracy=0.00, distance = 2.17  
ID= 518, predicted=756, true=738, accuracy=0.00, distance = 6.77  
ID= 519, predicted= 28, true=739, accuracy=0.00, distance = 1.17  
ID= 520, predicted=1252, true=743, accuracy=0.00, distance = 3.25  
ID= 521, predicted=263, true=744, accuracy=0.00, distance = 3.76  
ID= 522, predicted=224, true=745, accuracy=0.00, distance = 2.91  
ID= 523, predicted=305, true=746, accuracy=0.00, distance = 8.15  
ID= 524, predicted=1249, true=747, accuracy=0.00, distance = 3.80  
ID= 525, predicted=748, true=748, accuracy=1.00, distance = 2.83  
ID= 526, predicted=1420, true=750, accuracy=0.00, distance = 2.47  
ID= 527, predicted=255, true=752, accuracy=0.00, distance = 1.65

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ID= 528, predicted=629, true=753, accuracy=0.00, distance = 3.86  
ID= 529, predicted=207, true=755, accuracy=0.00, distance = 2.71  
ID= 530, predicted=1318, true=756, accuracy=0.00, distance = 10.32  
ID= 531, predicted=1475, true=757, accuracy=0.00, distance = 0.44  
ID= 532, predicted=170, true=759, accuracy=0.00, distance = 3.93  
ID= 533, predicted=1099, true=760, accuracy=0.00, distance = 2.88  
ID= 534, predicted=1299, true=762, accuracy=0.00, distance = 2.03  
ID= 535, predicted=169, true=763, accuracy=0.00, distance = 1.91  
ID= 536, predicted=1242, true=765, accuracy=0.00, distance = 1.52  
ID= 537, predicted=767, true=767, accuracy=1.00, distance = 1.89  
ID= 538, predicted=1517, true=768, accuracy=0.00, distance = 1.33  
ID= 539, predicted=1477, true=769, accuracy=0.00, distance = 2.49  
ID= 540, predicted=1297, true=770, accuracy=0.00, distance = 9.48  
ID= 541, predicted=292, true=771, accuracy=0.00, distance = 2.28  
ID= 542, predicted=863, true=772, accuracy=0.00, distance = 1.25  
ID= 543, predicted=547, true=773, accuracy=0.00, distance = 3.27  
ID= 544, predicted=1534, true=774, accuracy=0.00, distance = 1.87  
ID= 545, predicted=755, true=775, accuracy=0.00, distance = 1.81  
ID= 546, predicted=1534, true=776, accuracy=0.00, distance = 1.15  
ID= 547, predicted=641, true=779, accuracy=0.00, distance = 1.39  
ID= 548, predicted=679, true=785, accuracy=0.00, distance = 2.01  
ID= 549, predicted=1450, true=786, accuracy=0.00, distance = 4.51  
ID= 550, predicted=1394, true=787, accuracy=0.00, distance = 9.29  
ID= 551, predicted=406, true=790, accuracy=0.00, distance = 3.09  
ID= 552, predicted=810, true=791, accuracy=0.00, distance = 7.34  
ID= 553, predicted=1340, true=792, accuracy=0.00, distance = 2.83  
ID= 554, predicted=1252, true=793, accuracy=0.00, distance = 7.56  
ID= 555, predicted=655, true=794, accuracy=0.00, distance = 2.73  
ID= 556, predicted=150, true=796, accuracy=0.00, distance = 2.24  
ID= 557, predicted=519, true=799, accuracy=0.00, distance = 1.18  
ID= 558, predicted=292, true=800, accuracy=0.00, distance = 2.97  
ID= 559, predicted=1571, true=801, accuracy=0.00, distance = 15.31  
ID= 560, predicted=905, true=802, accuracy=0.00, distance = 5.83  
ID= 561, predicted=167, true=803, accuracy=0.00, distance = 6.24  
ID= 562, predicted=1199, true=806, accuracy=0.00, distance = 3.19  
ID= 563, predicted=207, true=808, accuracy=0.00, distance = 6.43  
ID= 564, predicted=810, true=810, accuracy=1.00, distance = 6.33  
ID= 565, predicted=1025, true=811, accuracy=0.00, distance = 1.22  
ID= 566, predicted=1477, true=814, accuracy=0.00, distance = 2.94  
ID= 567, predicted=1389, true=815, accuracy=0.00, distance = 2.02  
ID= 568, predicted=1289, true=816, accuracy=0.00, distance = 3.57  
ID= 569, predicted=1238, true=818, accuracy=0.00, distance = 2.72  
ID= 570, predicted=1610, true=820, accuracy=0.00, distance = 2.43  
ID= 571, predicted=1116, true=821, accuracy=0.00, distance = 16.86  
ID= 572, predicted=822, true=822, accuracy=1.00, distance = 1.14  
ID= 573, predicted=1430, true=823, accuracy=0.00, distance = 4.51  
ID= 574, predicted=1251, true=825, accuracy=0.00, distance = 3.84  
ID= 575, predicted=992, true=827, accuracy=0.00, distance = 1.43

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ID= 576, predicted=828, true=828, accuracy=1.00, distance = 2.01  
ID= 577, predicted=474, true=829, accuracy=0.00, distance = 2.25  
ID= 578, predicted=1023, true=830, accuracy=0.00, distance = 2.29  
ID= 579, predicted=835, true=831, accuracy=0.00, distance = 2.50  
ID= 580, predicted=677, true=832, accuracy=0.00, distance = 6.20  
ID= 581, predicted=1484, true=833, accuracy=0.00, distance = 4.03  
ID= 582, predicted=1460, true=834, accuracy=0.00, distance = 2.34  
ID= 583, predicted=1259, true=835, accuracy=0.00, distance = 2.30  
ID= 584, predicted=1023, true=836, accuracy=0.00, distance = 2.87  
ID= 585, predicted=837, true=837, accuracy=1.00, distance = 2.21  
ID= 586, predicted=683, true=840, accuracy=0.00, distance = 7.98  
ID= 587, predicted=903, true=842, accuracy=0.00, distance = 3.18  
ID= 588, predicted=844, true=844, accuracy=1.00, distance = 12.30  
ID= 589, predicted=847, true=847, accuracy=1.00, distance = 5.38  
ID= 590, predicted=875, true=848, accuracy=0.00, distance = 6.98  
ID= 591, predicted= 54, true=849, accuracy=0.00, distance = 1.67  
ID= 592, predicted= 28, true=850, accuracy=0.00, distance = 2.26  
ID= 593, predicted=852, true=851, accuracy=0.00, distance = 6.20  
ID= 594, predicted=851, true=852, accuracy=0.00, distance = 5.77  
ID= 595, predicted=1543, true=853, accuracy=0.00, distance = 2.62  
ID= 596, predicted=854, true=854, accuracy=1.00, distance = 5.76  
ID= 597, predicted=1038, true=855, accuracy=0.00, distance = 2.60  
ID= 598, predicted=856, true=856, accuracy=1.00, distance = 10.61  
ID= 599, predicted=1068, true=857, accuracy=0.00, distance = 1.28  
ID= 600, predicted=816, true=858, accuracy=0.00, distance = 3.82  
ID= 601, predicted=769, true=859, accuracy=0.00, distance = 2.21  
ID= 602, predicted=342, true=860, accuracy=0.00, distance = 1.32  
ID= 603, predicted=861, true=861, accuracy=1.00, distance = 1.02  
ID= 604, predicted=862, true=862, accuracy=1.00, distance = 1.01  
ID= 605, predicted=272, true=863, accuracy=0.00, distance = 0.89  
ID= 606, predicted=603, true=864, accuracy=0.00, distance = 1.06  
ID= 607, predicted=865, true=865, accuracy=1.00, distance = 7.22  
ID= 608, predicted=1007, true=866, accuracy=0.00, distance = 4.34  
ID= 609, predicted=646, true=868, accuracy=0.00, distance = 1.17  
ID= 610, predicted=870, true=870, accuracy=1.00, distance = 3.41  
ID= 611, predicted=692, true=872, accuracy=0.00, distance = 3.21  
ID= 612, predicted=1584, true=873, accuracy=0.00, distance = 5.84  
ID= 613, predicted=874, true=874, accuracy=1.00, distance = 3.63  
ID= 614, predicted=1134, true=875, accuracy=0.00, distance = 6.28  
ID= 615, predicted=1555, true=876, accuracy=0.00, distance = 4.48  
ID= 616, predicted=1626, true=877, accuracy=0.00, distance = 10.38  
ID= 617, predicted=878, true=878, accuracy=1.00, distance = 4.26  
ID= 618, predicted=1225, true=880, accuracy=0.00, distance = 1.38  
ID= 619, predicted=885, true=885, accuracy=1.00, distance = 1.39  
ID= 620, predicted=1558, true=887, accuracy=0.00, distance = 1.66  
ID= 621, predicted=1379, true=889, accuracy=0.00, distance = 2.89  
ID= 622, predicted=588, true=890, accuracy=0.00, distance = 7.99  
ID= 623, predicted=1115, true=891, accuracy=0.00, distance = 2.29

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ID= 624, predicted=1492, true=892, accuracy=0.00, distance = 1.48  
ID= 625, predicted=1617, true=893, accuracy=0.00, distance = 1.94  
ID= 626, predicted=1108, true=895, accuracy=0.00, distance = 2.18  
ID= 627, predicted=292, true=896, accuracy=0.00, distance = 3.08  
ID= 628, predicted=108, true=897, accuracy=0.00, distance = 2.10  
ID= 629, predicted=473, true=899, accuracy=0.00, distance = 2.33  
ID= 630, predicted=1344, true=901, accuracy=0.00, distance = 3.65  
ID= 631, predicted=1103, true=902, accuracy=0.00, distance = 1.28  
ID= 632, predicted=364, true=903, accuracy=0.00, distance = 1.77  
ID= 633, predicted=368, true=904, accuracy=0.00, distance = 2.18  
ID= 634, predicted=755, true=905, accuracy=0.00, distance = 2.94  
ID= 635, predicted=794, true=906, accuracy=0.00, distance = 2.18  
ID= 636, predicted=1610, true=907, accuracy=0.00, distance = 2.22  
ID= 637, predicted=1225, true=909, accuracy=0.00, distance = 1.52  
ID= 638, predicted=1540, true=910, accuracy=0.00, distance = 1.87  
ID= 639, predicted=1289, true=911, accuracy=0.00, distance = 5.76  
ID= 640, predicted= 79, true=912, accuracy=0.00, distance = 3.39  
ID= 641, predicted=1593, true=913, accuracy=0.00, distance = 2.59  
ID= 642, predicted=150, true=915, accuracy=0.00, distance = 9.21  
ID= 643, predicted=512, true=916, accuracy=0.00, distance = 4.34  
ID= 644, predicted=917, true=917, accuracy=1.00, distance = 2.26  
ID= 645, predicted=1183, true=918, accuracy=0.00, distance = 15.21  
ID= 646, predicted=135, true=920, accuracy=0.00, distance = 1.04  
ID= 647, predicted=1038, true=921, accuracy=0.00, distance = 1.78  
ID= 648, predicted=889, true=923, accuracy=0.00, distance = 2.92  
ID= 649, predicted=1047, true=924, accuracy=0.00, distance = 1.18  
ID= 650, predicted=268, true=925, accuracy=0.00, distance = 1.23  
ID= 651, predicted=1047, true=926, accuracy=0.00, distance = 1.94  
ID= 652, predicted=752, true=927, accuracy=0.00, distance = 1.47  
ID= 653, predicted=1473, true=929, accuracy=0.00, distance = 8.93  
ID= 654, predicted=926, true=935, accuracy=0.00, distance = 3.18  
ID= 655, predicted= 72, true=939, accuracy=0.00, distance = 2.36  
ID= 656, predicted=706, true=940, accuracy=0.00, distance = 15.01  
ID= 657, predicted=675, true=942, accuracy=0.00, distance = 1.50  
ID= 658, predicted=101, true=946, accuracy=0.00, distance = 3.12  
ID= 659, predicted=1145, true=947, accuracy=0.00, distance = 2.12  
ID= 660, predicted=891, true=949, accuracy=0.00, distance = 2.21  
ID= 661, predicted=950, true=950, accuracy=1.00, distance = 5.47  
ID= 662, predicted=318, true=952, accuracy=0.00, distance = 4.90  
ID= 663, predicted=1629, true=954, accuracy=0.00, distance = 1.63  
ID= 664, predicted=325, true=959, accuracy=0.00, distance = 2.70  
ID= 665, predicted=1011, true=961, accuracy=0.00, distance = 1.20  
ID= 666, predicted=498, true=962, accuracy=0.00, distance = 4.68  
ID= 667, predicted=261, true=964, accuracy=0.00, distance = 3.28  
ID= 668, predicted=744, true=966, accuracy=0.00, distance = 7.90  
ID= 669, predicted=266, true=968, accuracy=0.00, distance = 1.66  
ID= 670, predicted= 48, true=969, accuracy=0.00, distance = 2.23  
ID= 671, predicted=970, true=970, accuracy=1.00, distance = 0.56

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ID= 672, predicted=981, true=981, accuracy=1.00, distance = 12.75  
ID= 673, predicted=182, true=982, accuracy=0.00, distance = 4.01  
ID= 674, predicted=994, true=984, accuracy=0.00, distance = 2.65  
ID= 675, predicted=1401, true=985, accuracy=0.00, distance = 2.29  
ID= 676, predicted=770, true=986, accuracy=0.00, distance = 12.58  
ID= 677, predicted=1465, true=990, accuracy=0.00, distance = 5.48  
ID= 678, predicted=992, true=992, accuracy=1.00, distance = 1.56  
ID= 679, predicted=157, true=993, accuracy=0.00, distance = 3.19  
ID= 680, predicted=765, true=994, accuracy=0.00, distance = 3.58  
ID= 681, predicted=474, true=995, accuracy=0.00, distance = 5.06  
ID= 682, predicted=997, true=997, accuracy=1.00, distance = 0.81  
ID= 683, predicted=1227, true=998, accuracy=0.00, distance = 1.30  
ID= 684, predicted=1140, true=1001, accuracy=0.00, distance = 2.66  
ID= 685, predicted=1002, true=1002, accuracy=1.00, distance = 2.14  
ID= 686, predicted=1002, true=1003, accuracy=0.00, distance = 3.03  
ID= 687, predicted=1460, true=1004, accuracy=0.00, distance = 2.93  
ID= 688, predicted=1005, true=1005, accuracy=1.00, distance = 3.74  
ID= 689, predicted=893, true=1006, accuracy=0.00, distance = 2.85  
ID= 690, predicted=1007, true=1007, accuracy=1.00, distance = 1.07  
ID= 691, predicted=311, true=1009, accuracy=0.00, distance = 4.77  
ID= 692, predicted=206, true=1010, accuracy=0.00, distance = 1.16  
ID= 693, predicted=1011, true=1011, accuracy=1.00, distance = 1.24  
ID= 694, predicted=1478, true=1012, accuracy=0.00, distance = 1.62  
ID= 695, predicted=1630, true=1013, accuracy=0.00, distance = 2.21  
ID= 696, predicted=1589, true=1014, accuracy=0.00, distance = 7.82  
ID= 697, predicted=1155, true=1016, accuracy=0.00, distance = 2.90  
ID= 698, predicted=902, true=1018, accuracy=0.00, distance = 2.39  
ID= 699, predicted=1263, true=1019, accuracy=0.00, distance = 3.72  
ID= 700, predicted=1020, true=1020, accuracy=1.00, distance = 0.76  
ID= 701, predicted=1205, true=1021, accuracy=0.00, distance = 3.59  
ID= 702, predicted=301, true=1022, accuracy=0.00, distance = 10.10  
ID= 703, predicted=1484, true=1023, accuracy=0.00, distance = 6.60  
ID= 704, predicted=559, true=1024, accuracy=0.00, distance = 4.28  
ID= 705, predicted=909, true=1025, accuracy=0.00, distance = 1.24  
ID= 706, predicted=347, true=1026, accuracy=0.00, distance = 3.28  
ID= 707, predicted=325, true=1027, accuracy=0.00, distance = 1.62  
ID= 708, predicted= 63, true=1029, accuracy=0.00, distance = 1.93  
ID= 709, predicted=1280, true=1030, accuracy=0.00, distance = 2.15  
ID= 710, predicted=1054, true=1031, accuracy=0.00, distance = 3.27  
ID= 711, predicted=325, true=1032, accuracy=0.00, distance = 2.61  
ID= 712, predicted= 63, true=1033, accuracy=0.00, distance = 3.37  
ID= 713, predicted=655, true=1034, accuracy=0.00, distance = 4.16  
ID= 714, predicted=1036, true=1036, accuracy=1.00, distance = 4.30  
ID= 715, predicted=768, true=1037, accuracy=0.00, distance = 2.09  
ID= 716, predicted=1038, true=1038, accuracy=1.00, distance = 3.27  
ID= 717, predicted=1524, true=1041, accuracy=0.00, distance = 3.42  
ID= 718, predicted=1241, true=1042, accuracy=0.00, distance = 1.94  
ID= 719, predicted=1609, true=1045, accuracy=0.00, distance = 0.67

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ID= 720, predicted=1609, true=1046, accuracy=0.00, distance = 2.06  
ID= 721, predicted=1047, true=1047, accuracy=1.00, distance = 1.04  
ID= 722, predicted=1510, true=1048, accuracy=0.00, distance = 3.90  
ID= 723, predicted=1050, true=1050, accuracy=1.00, distance = 7.61  
ID= 724, predicted=1229, true=1052, accuracy=0.00, distance = 3.54  
ID= 725, predicted=1142, true=1053, accuracy=0.00, distance = 1.69  
ID= 726, predicted=1054, true=1054, accuracy=1.00, distance = 2.07  
ID= 727, predicted=102, true=1056, accuracy=0.00, distance = 5.44  
ID= 728, predicted=521, true=1057, accuracy=0.00, distance = 7.34  
ID= 729, predicted=984, true=1058, accuracy=0.00, distance = 3.29  
ID= 730, predicted=969, true=1059, accuracy=0.00, distance = 1.10  
ID= 731, predicted=912, true=1061, accuracy=0.00, distance = 3.15  
ID= 732, predicted=1062, true=1062, accuracy=1.00, distance = 2.12  
ID= 733, predicted=1063, true=1063, accuracy=1.00, distance = 2.76  
ID= 734, predicted=481, true=1064, accuracy=0.00, distance = 3.20  
ID= 735, predicted=1045, true=1065, accuracy=0.00, distance = 3.67  
ID= 736, predicted=1066, true=1066, accuracy=1.00, distance = 18.02  
ID= 737, predicted=1139, true=1067, accuracy=0.00, distance = 2.35  
ID= 738, predicted=453, true=1068, accuracy=0.00, distance = 1.75  
ID= 739, predicted=1241, true=1071, accuracy=0.00, distance = 2.69  
ID= 740, predicted=502, true=1073, accuracy=0.00, distance = 4.05  
ID= 741, predicted=1019, true=1075, accuracy=0.00, distance = 8.81  
ID= 742, predicted=1564, true=1076, accuracy=0.00, distance = 1.95  
ID= 743, predicted=1396, true=1079, accuracy=0.00, distance = 5.86  
ID= 744, predicted=1230, true=1080, accuracy=0.00, distance = 7.11  
ID= 745, predicted=1082, true=1082, accuracy=1.00, distance = 7.87  
ID= 746, predicted=1011, true=1083, accuracy=0.00, distance = 2.93  
ID= 747, predicted=1463, true=1084, accuracy=0.00, distance = 3.18  
ID= 748, predicted=216, true=1085, accuracy=0.00, distance = 2.93  
ID= 749, predicted=954, true=1086, accuracy=0.00, distance = 2.61  
ID= 750, predicted=330, true=1088, accuracy=0.00, distance = 1.26  
ID= 751, predicted=1209, true=1089, accuracy=0.00, distance = 2.50  
ID= 752, predicted=1090, true=1090, accuracy=1.00, distance = 1.37  
ID= 753, predicted=776, true=1092, accuracy=0.00, distance = 1.59  
ID= 754, predicted=1556, true=1094, accuracy=0.00, distance = 2.59  
ID= 755, predicted=721, true=1098, accuracy=0.00, distance = 3.10  
ID= 756, predicted=500, true=1099, accuracy=0.00, distance = 1.35  
ID= 757, predicted=682, true=1100, accuracy=0.00, distance = 2.01  
ID= 758, predicted=1386, true=1101, accuracy=0.00, distance = 4.45  
ID= 759, predicted=1103, true=1103, accuracy=1.00, distance = 1.31  
ID= 760, predicted=100, true=1104, accuracy=0.00, distance = 3.25  
ID= 761, predicted=186, true=1105, accuracy=0.00, distance = 1.77  
ID= 762, predicted=1158, true=1106, accuracy=0.00, distance = 11.08  
ID= 763, predicted=640, true=1107, accuracy=0.00, distance = 10.01  
ID= 764, predicted=1166, true=1108, accuracy=0.00, distance = 2.50  
ID= 765, predicted=1309, true=1110, accuracy=0.00, distance = 7.59  
ID= 766, predicted=1111, true=1111, accuracy=1.00, distance = 11.35  
ID= 767, predicted=1384, true=1112, accuracy=0.00, distance = 0.79



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ID= 768, predicted=970, true=1113, accuracy=0.00, distance = 2.05  
ID= 769, predicted=1114, true=1114, accuracy=1.00, distance = 2.29  
ID= 770, predicted=482, true=1115, accuracy=0.00, distance = 1.15  
ID= 771, predicted=1180, true=1116, accuracy=0.00, distance = 6.43  
ID= 772, predicted= 62, true=1119, accuracy=0.00, distance = 1.79  
ID= 773, predicted=1629, true=1121, accuracy=0.00, distance = 1.83  
ID= 774, predicted=524, true=1131, accuracy=0.00, distance = 3.62  
ID= 775, predicted=1132, true=1132, accuracy=1.00, distance = 4.86  
ID= 776, predicted=664, true=1133, accuracy=0.00, distance = 2.04  
ID= 777, predicted=1321, true=1134, accuracy=0.00, distance = 2.93  
ID= 778, predicted=1135, true=1135, accuracy=1.00, distance = 4.25  
ID= 779, predicted=117, true=1136, accuracy=0.00, distance = 2.49  
ID= 780, predicted=1137, true=1137, accuracy=1.00, distance = 5.93  
ID= 781, predicted=1363, true=1139, accuracy=0.00, distance = 6.31  
ID= 782, predicted=916, true=1140, accuracy=0.00, distance = 6.02  
ID= 783, predicted=1516, true=1141, accuracy=0.00, distance = 2.21  
ID= 784, predicted=127, true=1142, accuracy=0.00, distance = 0.97  
ID= 785, predicted=1143, true=1143, accuracy=1.00, distance = 1.60  
ID= 786, predicted=949, true=1145, accuracy=0.00, distance = 2.39  
ID= 787, predicted=1575, true=1147, accuracy=0.00, distance = 2.98  
ID= 788, predicted=165, true=1149, accuracy=0.00, distance = 1.44  
ID= 789, predicted= 29, true=1150, accuracy=0.00, distance = 1.81  
ID= 790, predicted=720, true=1151, accuracy=0.00, distance = 1.74  
ID= 791, predicted=174, true=1153, accuracy=0.00, distance = 1.19  
ID= 792, predicted=1215, true=1154, accuracy=0.00, distance = 2.32  
ID= 793, predicted=186, true=1155, accuracy=0.00, distance = 5.08  
ID= 794, predicted=287, true=1158, accuracy=0.00, distance = 2.15  
ID= 795, predicted=521, true=1161, accuracy=0.00, distance = 6.65  
ID= 796, predicted=961, true=1163, accuracy=0.00, distance = 0.59  
ID= 797, predicted=1164, true=1164, accuracy=1.00, distance = 2.23  
ID= 798, predicted=1543, true=1166, accuracy=0.00, distance = 3.68  
ID= 799, predicted=354, true=1167, accuracy=0.00, distance = 1.08  
ID= 800, predicted=1214, true=1168, accuracy=0.00, distance = 5.06  
ID= 801, predicted=1167, true=1170, accuracy=0.00, distance = 4.13  
ID= 802, predicted=258, true=1171, accuracy=0.00, distance = 5.30  
ID= 803, predicted=1036, true=1174, accuracy=0.00, distance = 3.61  
ID= 804, predicted=268, true=1175, accuracy=0.00, distance = 2.51  
ID= 805, predicted=925, true=1177, accuracy=0.00, distance = 1.19  
ID= 806, predicted=1178, true=1178, accuracy=1.00, distance = 2.22  
ID= 807, predicted=149, true=1180, accuracy=0.00, distance = 4.30  
ID= 808, predicted= 72, true=1181, accuracy=0.00, distance = 5.04  
ID= 809, predicted=1517, true=1182, accuracy=0.00, distance = 1.52  
ID= 810, predicted=1264, true=1183, accuracy=0.00, distance = 5.04  
ID= 811, predicted=961, true=1185, accuracy=0.00, distance = 3.41  
ID= 812, predicted=1492, true=1187, accuracy=0.00, distance = 5.03  
ID= 813, predicted=1188, true=1188, accuracy=1.00, distance = 2.27  
ID= 814, predicted=143, true=1193, accuracy=0.00, distance = 3.33  
ID= 815, predicted=1195, true=1195, accuracy=1.00, distance = 2.07

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ID= 816, predicted=655, true=1196, accuracy=0.00, distance = 2.87  
ID= 817, predicted=1105, true=1199, accuracy=0.00, distance = 7.65  
ID= 818, predicted=1071, true=1200, accuracy=0.00, distance = 2.21  
ID= 819, predicted=183, true=1201, accuracy=0.00, distance = 1.93  
ID= 820, predicted=146, true=1202, accuracy=0.00, distance = 8.24  
ID= 821, predicted=1264, true=1204, accuracy=0.00, distance = 1.92  
ID= 822, predicted=183, true=1205, accuracy=0.00, distance = 3.64  
ID= 823, predicted=1545, true=1209, accuracy=0.00, distance = 1.04  
ID= 824, predicted=146, true=1210, accuracy=0.00, distance = 1.26  
ID= 825, predicted=603, true=1211, accuracy=0.00, distance = 1.32  
ID= 826, predicted=1212, true=1212, accuracy=1.00, distance = 2.77  
ID= 827, predicted=1212, true=1213, accuracy=0.00, distance = 6.11  
ID= 828, predicted=206, true=1214, accuracy=0.00, distance = 1.12  
ID= 829, predicted=1240, true=1215, accuracy=0.00, distance = 4.43  
ID= 830, predicted=1217, true=1217, accuracy=1.00, distance = 2.04  
ID= 831, predicted=594, true=1218, accuracy=0.00, distance = 2.93  
ID= 832, predicted=120, true=1219, accuracy=0.00, distance = 7.67  
ID= 833, predicted=108, true=1221, accuracy=0.00, distance = 1.17  
ID= 834, predicted=152, true=1222, accuracy=0.00, distance = 6.22  
ID= 835, predicted=1166, true=1223, accuracy=0.00, distance = 1.84  
ID= 836, predicted=1224, true=1224, accuracy=1.00, distance = 2.72  
ID= 837, predicted=1270, true=1225, accuracy=0.00, distance = 1.44  
ID= 838, predicted=206, true=1226, accuracy=0.00, distance = 1.16  
ID= 839, predicted=206, true=1227, accuracy=0.00, distance = 1.48  
ID= 840, predicted=1507, true=1229, accuracy=0.00, distance = 0.54  
ID= 841, predicted=207, true=1230, accuracy=0.00, distance = 2.09  
ID= 842, predicted=1232, true=1232, accuracy=1.00, distance = 2.27  
ID= 843, predicted=407, true=1233, accuracy=0.00, distance = 4.08  
ID= 844, predicted=135, true=1234, accuracy=0.00, distance = 4.38  
ID= 845, predicted=1047, true=1235, accuracy=0.00, distance = 1.97  
ID= 846, predicted=696, true=1236, accuracy=0.00, distance = 2.90  
ID= 847, predicted=728, true=1237, accuracy=0.00, distance = 8.09  
ID= 848, predicted=1382, true=1238, accuracy=0.00, distance = 0.70  
ID= 849, predicted=620, true=1240, accuracy=0.00, distance = 4.06  
ID= 850, predicted=1223, true=1241, accuracy=0.00, distance = 4.62  
ID= 851, predicted=1556, true=1242, accuracy=0.00, distance = 2.89  
ID= 852, predicted=1016, true=1243, accuracy=0.00, distance = 8.61  
ID= 853, predicted=1016, true=1245, accuracy=0.00, distance = 7.06  
ID= 854, predicted=902, true=1247, accuracy=0.00, distance = 1.49  
ID= 855, predicted=258, true=1248, accuracy=0.00, distance = 2.09  
ID= 856, predicted=1496, true=1249, accuracy=0.00, distance = 4.12  
ID= 857, predicted=994, true=1250, accuracy=0.00, distance = 2.61  
ID= 858, predicted=311, true=1251, accuracy=0.00, distance = 2.09  
ID= 859, predicted=277, true=1252, accuracy=0.00, distance = 2.42  
ID= 860, predicted=1005, true=1254, accuracy=0.00, distance = 6.05  
ID= 861, predicted=1255, true=1255, accuracy=1.00, distance = 6.59  
ID= 862, predicted=266, true=1257, accuracy=0.00, distance = 4.73  
ID= 863, predicted=1271, true=1258, accuracy=0.00, distance = 1.23

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ID= 864, predicted=1259, true=1259, accuracy=1.00, distance = 2.72  
ID= 865, predicted=263, true=1260, accuracy=0.00, distance = 1.67  
ID= 866, predicted=697, true=1262, accuracy=0.00, distance = 3.19  
ID= 867, predicted= 72, true=1263, accuracy=0.00, distance = 1.28  
ID= 868, predicted=880, true=1264, accuracy=0.00, distance = 1.91  
ID= 869, predicted=1038, true=1265, accuracy=0.00, distance = 1.78  
ID= 870, predicted=1475, true=1266, accuracy=0.00, distance = 2.01  
ID= 871, predicted=1267, true=1267, accuracy=1.00, distance = 6.04  
ID= 872, predicted=1025, true=1269, accuracy=0.00, distance = 2.78  
ID= 873, predicted=1225, true=1270, accuracy=0.00, distance = 2.25  
ID= 874, predicted=759, true=1271, accuracy=0.00, distance = 1.17  
ID= 875, predicted=905, true=1272, accuracy=0.00, distance = 8.24  
ID= 876, predicted=1386, true=1273, accuracy=0.00, distance = 5.94  
ID= 877, predicted=1477, true=1274, accuracy=0.00, distance = 1.37  
ID= 878, predicted=872, true=1275, accuracy=0.00, distance = 2.34  
ID= 879, predicted=629, true=1276, accuracy=0.00, distance = 3.51  
ID= 880, predicted=969, true=1277, accuracy=0.00, distance = 4.66  
ID= 881, predicted=1421, true=1279, accuracy=0.00, distance = 4.11  
ID= 882, predicted=902, true=1280, accuracy=0.00, distance = 1.77  
ID= 883, predicted=113, true=1282, accuracy=0.00, distance = 1.73  
ID= 884, predicted=1412, true=1286, accuracy=0.00, distance = 4.05  
ID= 885, predicted=1421, true=1287, accuracy=0.00, distance = 5.87  
ID= 886, predicted=1289, true=1289, accuracy=1.00, distance = 3.02  
ID= 887, predicted=1099, true=1290, accuracy=0.00, distance = 1.43  
ID= 888, predicted=1242, true=1292, accuracy=0.00, distance = 3.18  
ID= 889, predicted=398, true=1294, accuracy=0.00, distance = 3.98  
ID= 890, predicted= 99, true=1295, accuracy=0.00, distance = 2.39  
ID= 891, predicted= 84, true=1296, accuracy=0.00, distance = 2.35  
ID= 892, predicted=313, true=1297, accuracy=0.00, distance = 0.97  
ID= 893, predicted=476, true=1298, accuracy=0.00, distance = 2.29  
ID= 894, predicted=1630, true=1299, accuracy=0.00, distance = 1.27  
ID= 895, predicted=1300, true=1300, accuracy=1.00, distance = 12.12  
ID= 896, predicted=1193, true=1301, accuracy=0.00, distance = 4.04  
ID= 897, predicted=993, true=1303, accuracy=0.00, distance = 2.00  
ID= 898, predicted=1304, true=1304, accuracy=1.00, distance = 4.79  
ID= 899, predicted=558, true=1306, accuracy=0.00, distance = 1.95  
ID= 900, predicted=1309, true=1309, accuracy=1.00, distance = 6.58  
ID= 901, predicted=596, true=1313, accuracy=0.00, distance = 4.26  
ID= 902, predicted=399, true=1314, accuracy=0.00, distance = 3.84  
ID= 903, predicted=305, true=1315, accuracy=0.00, distance = 15.81  
ID= 904, predicted=355, true=1318, accuracy=0.00, distance = 7.51  
ID= 905, predicted=1020, true=1319, accuracy=0.00, distance = 1.06  
ID= 906, predicted=466, true=1320, accuracy=0.00, distance = 4.39  
ID= 907, predicted=759, true=1321, accuracy=0.00, distance = 1.92  
ID= 908, predicted=1326, true=1326, accuracy=1.00, distance = 3.02  
ID= 909, predicted=1610, true=1327, accuracy=0.00, distance = 1.19  
ID= 910, predicted=646, true=1328, accuracy=0.00, distance = 0.86  
ID= 911, predicted=104, true=1329, accuracy=0.00, distance = 4.29

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ID= 912, predicted=1330, true=1330, accuracy=1.00, distance = 0.99  
ID= 913, predicted=238, true=1331, accuracy=0.00, distance = 4.05  
ID= 914, predicted=639, true=1333, accuracy=0.00, distance = 6.62  
ID= 915, predicted=786, true=1335, accuracy=0.00, distance = 6.27  
ID= 916, predicted=903, true=1337, accuracy=0.00, distance = 1.39  
ID= 917, predicted=113, true=1338, accuracy=0.00, distance = 2.44  
ID= 918, predicted=827, true=1340, accuracy=0.00, distance = 1.25  
ID= 919, predicted=1525, true=1343, accuracy=0.00, distance = 2.35  
ID= 920, predicted=628, true=1344, accuracy=0.00, distance = 3.21  
ID= 921, predicted=145, true=1345, accuracy=0.00, distance = 1.35  
ID= 922, predicted=1346, true=1346, accuracy=1.00, distance = 3.38  
ID= 923, predicted=1347, true=1347, accuracy=1.00, distance = 3.25  
ID= 924, predicted=268, true=1349, accuracy=0.00, distance = 0.99  
ID= 925, predicted=1492, true=1352, accuracy=0.00, distance = 2.00  
ID= 926, predicted=1518, true=1356, accuracy=0.00, distance = 10.67  
ID= 927, predicted=104, true=1357, accuracy=0.00, distance = 12.54  
ID= 928, predicted=811, true=1358, accuracy=0.00, distance = 2.30  
ID= 929, predicted=925, true=1359, accuracy=0.00, distance = 2.17  
ID= 930, predicted=800, true=1361, accuracy=0.00, distance = 3.56  
ID= 931, predicted=1023, true=1363, accuracy=0.00, distance = 3.40  
ID= 932, predicted=1499, true=1364, accuracy=0.00, distance = 6.41  
ID= 933, predicted=1366, true=1366, accuracy=1.00, distance = 2.46  
ID= 934, predicted=1367, true=1367, accuracy=1.00, distance = 13.16  
ID= 935, predicted=354, true=1368, accuracy=0.00, distance = 3.55  
ID= 936, predicted=146, true=1369, accuracy=0.00, distance = 1.97  
ID= 937, predicted=659, true=1370, accuracy=0.00, distance = 4.03  
ID= 938, predicted=794, true=1371, accuracy=0.00, distance = 2.53  
ID= 939, predicted=1567, true=1372, accuracy=0.00, distance = 5.91  
ID= 940, predicted=1374, true=1374, accuracy=1.00, distance = 3.09  
ID= 941, predicted=627, true=1376, accuracy=0.00, distance = 3.64  
ID= 942, predicted=263, true=1377, accuracy=0.00, distance = 3.49  
ID= 943, predicted=892, true=1378, accuracy=0.00, distance = 0.95  
ID= 944, predicted=1603, true=1379, accuracy=0.00, distance = 3.44  
ID= 945, predicted=1357, true=1380, accuracy=0.00, distance = 5.99  
ID= 946, predicted=1382, true=1382, accuracy=1.00, distance = 2.73  
ID= 947, predicted=1383, true=1383, accuracy=1.00, distance = 3.03  
ID= 948, predicted=992, true=1384, accuracy=0.00, distance = 2.58  
ID= 949, predicted=396, true=1385, accuracy=0.00, distance = 1.48  
ID= 950, predicted= 55, true=1386, accuracy=0.00, distance = 4.42  
ID= 951, predicted=144, true=1387, accuracy=0.00, distance = 3.41  
ID= 952, predicted= 35, true=1388, accuracy=0.00, distance = 2.79  
ID= 953, predicted=1139, true=1389, accuracy=0.00, distance = 2.01  
ID= 954, predicted=994, true=1390, accuracy=0.00, distance = 1.92  
ID= 955, predicted=473, true=1392, accuracy=0.00, distance = 3.56  
ID= 956, predicted=1569, true=1394, accuracy=0.00, distance = 4.44  
ID= 957, predicted=1382, true=1395, accuracy=0.00, distance = 1.33  
ID= 958, predicted=1142, true=1396, accuracy=0.00, distance = 1.79  
ID= 959, predicted=1477, true=1397, accuracy=0.00, distance = 2.24

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ID= 960, predicted=1270, true=1398, accuracy=0.00, distance = 1.90  
ID= 961, predicted=1275, true=1400, accuracy=0.00, distance = 1.00  
ID= 962, predicted=1425, true=1401, accuracy=0.00, distance = 2.22  
ID= 963, predicted=1204, true=1402, accuracy=0.00, distance = 2.12  
ID= 964, predicted=827, true=1404, accuracy=0.00, distance = 1.57  
ID= 965, predicted=1405, true=1405, accuracy=1.00, distance = 2.82  
ID= 966, predicted=311, true=1406, accuracy=0.00, distance = 5.04  
ID= 967, predicted=1289, true=1409, accuracy=0.00, distance = 6.71  
ID= 968, predicted=1084, true=1410, accuracy=0.00, distance = 6.37  
ID= 969, predicted=822, true=1411, accuracy=0.00, distance = 2.25  
ID= 970, predicted=645, true=1412, accuracy=0.00, distance = 1.83  
ID= 971, predicted=994, true=1414, accuracy=0.00, distance = 2.68  
ID= 972, predicted=878, true=1416, accuracy=0.00, distance = 1.74  
ID= 973, predicted=275, true=1417, accuracy=0.00, distance = 3.50  
ID= 974, predicted=1418, true=1418, accuracy=1.00, distance = 2.56  
ID= 975, predicted=1419, true=1419, accuracy=1.00, distance = 3.02  
ID= 976, predicted=1419, true=1420, accuracy=0.00, distance = 2.33  
ID= 977, predicted=1492, true=1421, accuracy=0.00, distance = 1.66  
ID= 978, predicted=1422, true=1422, accuracy=1.00, distance = 3.31  
ID= 979, predicted=407, true=1424, accuracy=0.00, distance = 1.88  
ID= 980, predicted=1425, true=1425, accuracy=1.00, distance = 2.36  
ID= 981, predicted=674, true=1427, accuracy=0.00, distance = 5.67  
ID= 982, predicted=136, true=1429, accuracy=0.00, distance = 1.19  
ID= 983, predicted=1430, true=1430, accuracy=1.00, distance = 3.44  
ID= 984, predicted=1431, true=1431, accuracy=1.00, distance = 3.31  
ID= 985, predicted=475, true=1432, accuracy=0.00, distance = 3.27  
ID= 986, predicted=1116, true=1433, accuracy=0.00, distance = 9.82  
ID= 987, predicted=1606, true=1434, accuracy=0.00, distance = 6.18  
ID= 988, predicted=1435, true=1435, accuracy=1.00, distance = 3.19  
ID= 989, predicted=655, true=1436, accuracy=0.00, distance = 2.74  
ID= 990, predicted=800, true=1437, accuracy=0.00, distance = 6.20  
ID= 991, predicted=1515, true=1438, accuracy=0.00, distance = 6.23  
ID= 992, predicted=1447, true=1440, accuracy=0.00, distance = 8.57  
ID= 993, predicted=954, true=1441, accuracy=0.00, distance = 3.15  
ID= 994, predicted=413, true=1443, accuracy=0.00, distance = 2.35  
ID= 995, predicted=1446, true=1446, accuracy=1.00, distance = 1.27  
ID= 996, predicted=1447, true=1447, accuracy=1.00, distance = 6.71  
ID= 997, predicted=1450, true=1450, accuracy=1.00, distance = 2.82  
ID= 998, predicted=1085, true=1452, accuracy=0.00, distance = 3.41  
ID= 999, predicted=681, true=1454, accuracy=0.00, distance = 1.97  
ID= 1000, predicted=1459, true=1459, accuracy=1.00, distance = 6.26  
ID= 1001, predicted=1023, true=1460, accuracy=0.00, distance = 2.13  
ID= 1002, predicted=1090, true=1462, accuracy=0.00, distance = 1.35  
ID= 1003, predicted=1071, true=1463, accuracy=0.00, distance = 1.54  
ID= 1004, predicted=1047, true=1465, accuracy=0.00, distance = 0.92  
ID= 1005, predicted=779, true=1467, accuracy=0.00, distance = 2.63  
ID= 1006, predicted=1517, true=1469, accuracy=0.00, distance = 0.95  
ID= 1007, predicted=1564, true=1470, accuracy=0.00, distance = 1.66

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ID= 1008, predicted=1137, true=1472, accuracy=0.00, distance = 4.92  
ID= 1009, predicted=1238, true=1473, accuracy=0.00, distance = 0.85  
ID= 1010, predicted=850, true=1474, accuracy=0.00, distance = 2.62  
ID= 1011, predicted=1630, true=1475, accuracy=0.00, distance = 0.57  
ID= 1012, predicted=1477, true=1477, accuracy=1.00, distance = 1.50  
ID= 1013, predicted=127, true=1478, accuracy=0.00, distance = 4.16  
ID= 1014, predicted=1099, true=1480, accuracy=0.00, distance = 1.50  
ID= 1015, predicted=1483, true=1483, accuracy=1.00, distance = 4.09  
ID= 1016, predicted=1484, true=1484, accuracy=1.00, distance = 4.67  
ID= 1017, predicted=135, true=1485, accuracy=0.00, distance = 4.20  
ID= 1018, predicted=638, true=1486, accuracy=0.00, distance = 5.59  
ID= 1019, predicted= 6, true=1488, accuracy=0.00, distance = 1.12  
ID= 1020, predicted=1218, true=1489, accuracy=0.00, distance = 4.10  
ID= 1021, predicted=536, true=1490, accuracy=0.00, distance = 2.39  
ID= 1022, predicted=1275, true=1491, accuracy=0.00, distance = 3.61  
ID= 1023, predicted=1492, true=1492, accuracy=1.00, distance = 1.51  
ID= 1024, predicted=1493, true=1493, accuracy=1.00, distance = 8.79  
ID= 1025, predicted=1495, true=1495, accuracy=1.00, distance = 2.20  
ID= 1026, predicted=962, true=1496, accuracy=0.00, distance = 1.74  
ID= 1027, predicted=674, true=1498, accuracy=0.00, distance = 2.18  
ID= 1028, predicted=970, true=1499, accuracy=0.00, distance = 2.89  
ID= 1029, predicted=1326, true=1500, accuracy=0.00, distance = 3.12  
ID= 1030, predicted=200, true=1502, accuracy=0.00, distance = 5.34  
ID= 1031, predicted=285, true=1505, accuracy=0.00, distance = 2.31  
ID= 1032, predicted=858, true=1506, accuracy=0.00, distance = 3.44  
ID= 1033, predicted=1518, true=1507, accuracy=0.00, distance = 1.82  
ID= 1034, predicted=1469, true=1510, accuracy=0.00, distance = 4.77  
ID= 1035, predicted= 11, true=1511, accuracy=0.00, distance = 3.65  
ID= 1036, predicted=887, true=1513, accuracy=0.00, distance = 1.16  
ID= 1037, predicted=1496, true=1514, accuracy=0.00, distance = 1.20  
ID= 1038, predicted= 94, true=1515, accuracy=0.00, distance = 2.97  
ID= 1039, predicted=1564, true=1516, accuracy=0.00, distance = 1.17  
ID= 1040, predicted= 29, true=1517, accuracy=0.00, distance = 1.09  
ID= 1041, predicted=902, true=1518, accuracy=0.00, distance = 0.90  
ID= 1042, predicted=911, true=1522, accuracy=0.00, distance = 6.17  
ID= 1043, predicted=1031, true=1524, accuracy=0.00, distance = 6.40  
ID= 1044, predicted=1099, true=1525, accuracy=0.00, distance = 1.89  
ID= 1045, predicted= 53, true=1526, accuracy=0.00, distance = 7.50  
ID= 1046, predicted=370, true=1530, accuracy=0.00, distance = 2.71  
ID= 1047, predicted=520, true=1531, accuracy=0.00, distance = 3.57  
ID= 1048, predicted=1018, true=1534, accuracy=0.00, distance = 1.80  
ID= 1049, predicted=1525, true=1535, accuracy=0.00, distance = 1.32  
ID= 1050, predicted=1536, true=1536, accuracy=1.00, distance = 1.66  
ID= 1051, predicted=966, true=1538, accuracy=0.00, distance = 6.54  
ID= 1052, predicted=206, true=1540, accuracy=0.00, distance = 2.22  
ID= 1053, predicted=1240, true=1541, accuracy=0.00, distance = 10.23  
ID= 1054, predicted= 55, true=1542, accuracy=0.00, distance = 11.66  
ID= 1055, predicted=907, true=1543, accuracy=0.00, distance = 2.19

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ID= 1056, predicted=1545, true=1545, accuracy=1.00, distance = 0.93  
ID= 1057, predicted=1546, true=1546, accuracy=1.00, distance = 1.34  
ID= 1058, predicted=1217, true=1549, accuracy=0.00, distance = 5.62  
ID= 1059, predicted=1214, true=1550, accuracy=0.00, distance = 4.56  
ID= 1060, predicted=1470, true=1552, accuracy=0.00, distance = 1.24  
ID= 1061, predicted=496, true=1555, accuracy=0.00, distance = 2.74  
ID= 1062, predicted=302, true=1556, accuracy=0.00, distance = 2.20  
ID= 1063, predicted=1163, true=1557, accuracy=0.00, distance = 2.13  
ID= 1064, predicted=632, true=1558, accuracy=0.00, distance = 1.24  
ID= 1065, predicted=903, true=1562, accuracy=0.00, distance = 0.51  
ID= 1066, predicted= 65, true=1563, accuracy=0.00, distance = 2.95  
ID= 1067, predicted=1495, true=1564, accuracy=0.00, distance = 1.33  
ID= 1068, predicted=467, true=1566, accuracy=0.00, distance = 4.04  
ID= 1069, predicted=186, true=1567, accuracy=0.00, distance = 5.03  
ID= 1070, predicted=1569, true=1569, accuracy=1.00, distance = 2.21  
ID= 1071, predicted=1025, true=1570, accuracy=0.00, distance = 1.24  
ID= 1072, predicted=985, true=1571, accuracy=0.00, distance = 6.43  
ID= 1073, predicted=442, true=1572, accuracy=0.00, distance = 6.00  
ID= 1074, predicted=892, true=1573, accuracy=0.00, distance = 1.55  
ID= 1075, predicted=1432, true=1574, accuracy=0.00, distance = 4.28  
ID= 1076, predicted=968, true=1575, accuracy=0.00, distance = 3.29  
ID= 1077, predicted=1058, true=1576, accuracy=0.00, distance = 8.60  
ID= 1078, predicted=603, true=1577, accuracy=0.00, distance = 1.53  
ID= 1079, predicted=1371, true=1578, accuracy=0.00, distance = 3.53  
ID= 1080, predicted=1584, true=1584, accuracy=1.00, distance = 2.22  
ID= 1081, predicted=1585, true=1585, accuracy=1.00, distance = 8.03  
ID= 1082, predicted=1002, true=1586, accuracy=0.00, distance = 3.98  
ID= 1083, predicted=887, true=1587, accuracy=0.00, distance = 1.89  
ID= 1084, predicted=1137, true=1589, accuracy=0.00, distance = 7.02  
ID= 1085, predicted=682, true=1590, accuracy=0.00, distance = 2.18  
ID= 1086, predicted=1214, true=1591, accuracy=0.00, distance = 2.69  
ID= 1087, predicted=713, true=1593, accuracy=0.00, distance = 2.63  
ID= 1088, predicted=280, true=1594, accuracy=0.00, distance = 2.86  
ID= 1089, predicted=901, true=1595, accuracy=0.00, distance = 2.76  
ID= 1090, predicted=1021, true=1597, accuracy=0.00, distance = 4.43  
ID= 1091, predicted=1032, true=1598, accuracy=0.00, distance = 17.07  
ID= 1092, predicted=137, true=1601, accuracy=0.00, distance = 3.78  
ID= 1093, predicted=1150, true=1602, accuracy=0.00, distance = 1.52  
ID= 1094, predicted=899, true=1603, accuracy=0.00, distance = 4.45  
ID= 1095, predicted=810, true=1605, accuracy=0.00, distance = 7.07  
ID= 1096, predicted=1016, true=1606, accuracy=0.00, distance = 8.35  
ID= 1097, predicted=1385, true=1608, accuracy=0.00, distance = 1.48  
ID= 1098, predicted=1382, true=1609, accuracy=0.00, distance = 1.38  
ID= 1099, predicted=1412, true=1610, accuracy=0.00, distance = 1.41  
ID= 1100, predicted=1225, true=1612, accuracy=0.00, distance = 1.85  
ID= 1101, predicted=632, true=1613, accuracy=0.00, distance = 2.16  
ID= 1102, predicted=682, true=1614, accuracy=0.00, distance = 1.04  
ID= 1103, predicted=1615, true=1615, accuracy=1.00, distance = 3.85

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ID= 1104, predicted=1545, true=1617, accuracy=0.00, distance = 1.76  
ID= 1105, predicted=1619, true=1619, accuracy=1.00, distance = 3.37  
ID= 1106, predicted=1603, true=1621, accuracy=0.00, distance = 4.26  
ID= 1107, predicted=364, true=1622, accuracy=0.00, distance = 3.02  
ID= 1108, predicted=298, true=1624, accuracy=0.00, distance = 2.24  
ID= 1109, predicted=718, true=1626, accuracy=0.00, distance = 1.55  
ID= 1110, predicted=112, true=1627, accuracy=0.00, distance = 3.00  
ID= 1111, predicted=1628, true=1628, accuracy=1.00, distance = 9.01  
ID= 1112, predicted=1027, true=1629, accuracy=0.00, distance = 2.85  
ID= 1113, predicted=1517, true=1630, accuracy=0.00, distance = 0.86  
classification accuracy=0.1438