CSARCHI validation test

GG test (0.610000, 0.750000) -> 0.648941, should be 0.680000, difference=0.031059

GG test (0.810000, 0.850000) -> 0.890424, should be 0.900000, difference=0.009576

GG test (0.720000, 0.730000) -> 0.761466, should be 0.730000, difference=0.031466

GG test (0.720000, 0.670000) -> 0.748190, should be 0.780000, difference=0.031810

GG test (0.790000, 0.760000) -> 0.796611, should be 0.780000, difference=0.016611

GG test (0.910000, 0.920000) -> 0.973748, should be 0.970000, difference=0.003748

GG test (0.800000, 0.800000) -> 0.837120, should be 0.850000, difference=0.012880

GG test (0.780000, 0.850000) -> 0.875953, should be 0.900000, difference=0.024046

GG test (0.710000, 0.730000) -> 0.756704, should be 0.730000, difference=0.026704

GG test (0.670000, 0.780000) -> 0.737440, should be 0.730000, difference=0.007440

GG test (0.700000, 0.720000) -> 0.748463, should be 0.780000, difference=0.031537

GG test (0.480000, 0.650000) -> 0.629488, should be 0.630000, difference=0.000512

GG test (0.790000, 0.770000) -> 0.805792, should be 0.780000, difference=0.025792

GG test (0.600000, 0.720000) -> 0.639795, should be 0.630000, difference=0.009795

GG test (0.760000, 0.650000) -> 0.743384, should be 0.730000, difference=0.013384

GG test (0.690000, 0.860000) -> 0.797621, should be 0.780000, difference=0.017621

GG test (0.660000, 0.800000) -> 0.729411, should be 0.730000, difference=0.000589

GG test (0.590000, 0.710000) -> 0.627962, should be 0.630000, difference=0.002038

GG test (0.800000, 0.720000) -> 0.761532, should be 0.780000, difference=0.018468

GG test (0.580000, 0.660000) -> 0.639669, should be 0.630000, difference=0.009669

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CSARCHI train

GG test (0.620000,0.600000) -> 0.689689, should be 0.730000, difference=0.040312

GG test (0.700000,0.690000) -> 0.723612, should be 0.780000, difference=0.056388

GG test (0.670000,0.700000) -> 0.715978, should be 0.780000, difference=0.064022

GG test (0.740000,0.660000) -> 0.730218, should be 0.780000, difference=0.049782

GG test (0.520000,0.750000) -> 0.672007, should be 0.680000, difference=0.007993

GG test (0.900000,0.870000) -> 0.926802, should be 0.970000, difference=0.043198

GG test (0.920000,0.880000) -> 0.942595, should be 0.970000, difference=0.027405

GG test (0.570000,0.690000) -> 0.680572, should be 0.630000, difference=0.050572

GG test (0.750000,0.690000) -> 0.743114, should be 0.850000, difference=0.106886

GG test (0.830000,0.750000) -> 0.814484, should be 0.780000, difference=0.034484

GG test (0.660000,0.670000) -> 0.706163, should be 0.680000, difference=0.026163

GG test (0.740000,0.780000) -> 0.775403, should be 0.850000, difference=0.074597

GG test (0.700000,0.820000) -> 0.774429, should be 0.850000, difference=0.075571

GG test (0.600000,0.630000) -> 0.684392, should be 0.730000, difference=0.045608

GG test (0.910000,0.880000) -> 0.937027, should be 0.970000, difference=0.032973

GG test (0.880000,0.910000) -> 0.932660, should be 0.900000, difference=0.032660

GG test (0.650000,0.590000) -> 0.697179, should be 0.730000, difference=0.032821

GG test (0.870000,0.710000) -> 0.822097, should be 0.850000, difference=0.027903

GG test (0.490000,0.630000) -> 0.640907, should be 0.630000, difference=0.010907

GG test (0.730000,0.710000) -> 0.741395, should be 0.730000, difference=0.011395

GG test (0.580000,0.670000) -> 0.681284, should be 0.780000, difference=0.098715

GG test (0.620000,0.730000) -> 0.706920, should be 0.780000, difference=0.073080

GG test (0.770000,0.700000) -> 0.755950, should be 0.850000, difference=0.094050

GG test (0.690000,0.780000) -> 0.751380, should be 0.730000, difference=0.021380

GG test (0.800000,0.700000) -> 0.771741, should be 0.730000, difference=0.041741

GG test (0.770000,0.780000) -> 0.792026, should be 0.780000, difference=0.012026

GG test (0.640000,0.800000) -> 0.738469, should be 0.730000, difference=0.008469

GG test (0.500000,0.740000) -> 0.659595, should be 0.680000, difference=0.020405

GG test (0.770000,0.890000) -> 0.852684, should be 0.850000, difference=0.002684

GG test (0.570000,0.750000) -> 0.693797, should be 0.680000, difference=0.013797

GG test (0.800000,0.660000) -> 0.756421, should be 0.730000, difference=0.026421

GG test (0.770000,0.760000) -> 0.782097, should be 0.780000, difference=0.002097

GG test (0.780000,0.860000) -> 0.841966, should be 0.850000, difference=0.008034

GG test (0.730000,0.720000) -> 0.744988, should be 0.730000, difference=0.014988

GG test (0.740000,0.720000) -> 0.749432, should be 0.730000, difference=0.019432

GG test (0.460000,0.700000) -> 0.629480, should be 0.630000, difference=0.000520

GG test (0.820000,0.940000) -> 0.911396, should be 0.900000, difference=0.011396

GG test (0.710000,0.800000) -> 0.769715, should be 0.780000, difference=0.010285

GG test (0.780000,0.830000) -> 0.825015, should be 0.780000, difference=0.045015

GG test (0.620000,0.810000) -> 0.734249, should be 0.780000, difference=0.045751

GG test (0.630000,0.770000) -> 0.723097, should be 0.670000, difference=0.053097

GG test (0.680000,0.780000) -> 0.747030, should be 0.730000, difference=0.017030

GG test (0.790000,0.850000) -> 0.842782, should be 0.850000, difference=0.007218

GG test (0.670000,0.780000) -> 0.742799, should be 0.730000, difference=0.012798

GG test (0.600000,0.720000) -> 0.697336, should be 0.630000, difference=0.067336

GG test (0.740000,0.660000) -> 0.730218, should be 0.730000, difference=0.000218

GG test (0.680000,0.840000) -> 0.774469, should be 0.780000, difference=0.005531

GG test (0.830000,0.850000) -> 0.869816, should be 0.850000, difference=0.019816

GG test (0.660000,0.810000) -> 0.751197, should be 0.730000, difference=0.021197

GG test (0.570000,0.700000) -> 0.682290, should be 0.630000, difference=0.052290

GG test (0.810000,0.640000) -> 0.754959, should be 0.730000, difference=0.024959

GG test (0.730000,0.600000) -> 0.716685, should be 0.670000, difference=0.046685

GG test (0.800000,0.770000) -> 0.805182, should be 0.780000, difference=0.025182

GG test (0.490000,0.710000) -> 0.648177, should be 0.670000, difference=0.021823

GG test (0.690000,0.770000) -> 0.747203, should be 0.730000, difference=0.017203

GG test (0.910000,0.930000) -> 0.955798, should be 0.970000, difference=0.014202

GG test (0.510000,0.690000) -> 0.655213, should be 0.630000, difference=0.025213

GG test (0.770000,0.790000) -> 0.797173, should be 0.780000, difference=0.017173

GG test (0.860000,0.820000) -> 0.874308, should be 0.850000, difference=0.024308

GG test (0.730000,0.720000) -> 0.744988, should be 0.730000, difference=0.014988

GG test (0.690000,0.690000) -> 0.720145, should be 0.680000, difference=0.040145

GG test (0.920000,0.970000) -> 0.971420, should be 0.970000, difference=0.001420

GG test (0.680000,0.660000) -> 0.710336, should be 0.680000, difference=0.030336

GG test (0.920000,0.930000) -> 0.960222, should be 0.970000, difference=0.009778

GG test (0.740000,0.700000) -> 0.742188, should be 0.730000, difference=0.012188

GG test (0.840000,0.810000) -> 0.854409, should be 0.850000, difference=0.004409

GG test (0.630000,0.650000) -> 0.694528, should be 0.630000, difference=0.064528

GG test (0.640000,0.640000) -> 0.696300, should be 0.630000, difference=0.066300

GG test (0.870000,0.910000) -> 0.926877, should be 0.900000, difference=0.026877

GG test (0.710000,0.710000) -> 0.733281, should be 0.730000, difference=0.003281

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CSARCHI test

GG test (0.820000, 0.860000) -> 0.868565, should be 0.850000, difference=0.018565

GG test (0.650000, 0.610000) -> 0.697110, should be 0.630000, difference=0.067110

GG test (0.740000, 0.710000) -> 0.745712, should be 0.730000, difference=0.015712

GG test (0.760000, 0.790000) -> 0.791339, should be 0.780000, difference=0.011339

GG test (0.740000, 0.710000) -> 0.745712, should be 0.730000, difference=0.015712

GG test (0.700000, 0.660000) -> 0.716488, should be 0.680000, difference=0.036488

GG test (0.720000, 0.740000) -> 0.748227, should be 0.730000, difference=0.018227

GG test (0.970000, 0.940000) -> 0.980110, should be 0.970000, difference=0.010110

GG test (0.730000, 0.740000) -> 0.752735, should be 0.730000, difference=0.022735

GG test (0.860000, 0.920000) -> 0.925569, should be 0.900000, difference=0.025569

GG test (0.880000, 0.840000) -> 0.899155, should be 0.900000, difference=0.000845

GG test (0.720000, 0.730000) -> 0.744383, should be 0.730000, difference=0.014383

GG test (0.760000, 0.790000) -> 0.791339, should be 0.780000, difference=0.011339

GG test (0.850000, 0.830000) -> 0.872687, should be 0.850000, difference=0.022687

GG test (0.700000, 0.730000) -> 0.736099, should be 0.730000, difference=0.006099

GG test (0.870000, 0.910000) -> 0.926877, should be 0.900000, difference=0.026877

GG test (0.740000, 0.710000) -> 0.745712, should be 0.730000, difference=0.015712

GG test (0.730000, 0.750000) -> 0.756874, should be 0.730000, difference=0.026874

GG test (0.950000, 0.910000) -> 0.966656, should be 0.970000, difference=0.003344

GG test (0.670000, 0.700000) -> 0.715978, should be 0.680000, difference=0.035978