correlation_matrix

4.93279e-07 1.63655e-05 7.755e-05 -0.0168238 5.15485e-06 4.66748e-07 -2.72196e-09 4.02083e-07 1 5.97641e-10 2.34132e-08 1.10212e-07 -2.38929e-05 7.30177e-09 6.62841e-10 -2.29263e-11 1 4.02083e-07 1.58425e-11 -1.40577e-10 -6.99179e-10 1.64052e-07 -3.12589e-11 -2.35578e-11 1 -2.29263e-11 -2.72196e-09 8.23905e-10 2.70246e-08 1.27747e-07 -2.77422e-05 8.53822e-09 1 -2.35578e-11 6.62841e-10 4.66748e-07 9.21491e-09 2.98036e-07 1.41231e-06 -0.0003064 1 8.53822e-09 -3.12589e-11 7.30177e-09 5.15485e-06 -2.93407e-05 -0.000972764 -0.00460957 1 -0.0003064 -2.77422e-05 1.64052e-07 -2.38929e-05 -0.0168238 1.34967e-07 4.48399e-06 1 -0.00460957 1.41231e-06 1.27747e-07 -6.99179e-10 1.10212e-07 7.755e-05 2.83496e-08 1 4.48399e-06 -0.000972764 2.98036e-07 2.70246e-08 -1.40577e-10 2.34132e-08 1.63655e-05									
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	2.93407e-05	-0.000972764	-0.00460957	1	-0.0003064	-2.77422e-05	1.64052e-07	-2.38929e-05	-0.0168238
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	1.34967e-07	4.48399e-06	1	-0.00460957	1.41231e-06	1.27747e-07	-6.99179e-10	1.10212e-07	7.755e-05
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	1	2.83496e-08	1.34967e-07	-2.93407e-05	9.21491e-09	8.23905e-10	1.58425e-11	5.97641e-10	4.93279e-07