correlation_matrix

2.1181e-09 -1.05716e-07 -5.00758e-07 -0.000438092 -3.33054e-08 -1.26592e-20 -2.42892e-09 -7.47719e-11 1 -3.84371e-06 -6.74844e-11 -3.57215e-11 -3.82664e-11 -2.74101e-08 -3.45256e-11 -1.84786e-24 -1.33504e-10 1 -7.47719e-11 -2.05291e-10 2.27614e-09 -9.72933e-08 -4.59855e-07 -0.000402337 -3.06634e-08 4.62003e-21 1 -1.33504e-10 -2.42892e-09 -3.52989e-06 9.75921e-20 1.98064e-19 9.36871e-19 -1.14834e-17 1.33186e-19 1 4.62003e-21 -1.84786e-24 -1.26592e-20 7.19463e-18 3.57316e-09 -1.31258e-06 -6.20884e-06 -0.00543232 1 1.33186e-19 -3.06634e-08 -3.45256e-11 -3.33054e-08 -4.76782e-05 -5.06523e-07 -0.0172484 -0.0815876 1 -0.00543232 -1.14834e-17 -0.000402337 -2.74101e-08 -0.000438092 -0.626546 5.48513e-08 -1.97135e-05 1 -0.0815876 -6.20884e-06 9.36871e-19 -4.59855e-07 -3.82664e-11 -5.00758e-07 -0.000716074 -3.51739e-10 1 -1.97135e-05 -0.0172484 -1.31258e-06 1.98064e-19 -9.72933e-08 -3.57215e-11 -1.05716e-07 -0.000151389	-3.50207e-05	-0.000151389	-0.000716074	-0.626546	-4.76782e-05	7.19463e-18	-3.52989e-06	-2.05291e-10	-3.84371e-06	1
-6.74844e-11 -3.57215e-11 -3.82664e-11 -2.74101e-08 -3.45256e-11 -1.84786e-24 -1.33504e-10										_
2.27614e-09 -9.72933e-08 -4.59855e-07 -0.000402337 -3.06634e-08 4.62003e-21 1 -1.33504e-10 -2.42892e-09 -3.52989e-06 9.75921e-20 1.98064e-19 9.36871e-19 -1.14834e-17 1.33186e-19 1 4.62003e-21 -1.84786e-24 -1.26592e-20 7.19463e-18 3.57316e-09 -1.31258e-06 -6.20884e-06 -0.00543232 1 1.33186e-19 -3.06634e-08 -3.45256e-11 -3.33054e-08 -4.76782e-05 -5.06523e-07 -0.0172484 -0.0815876 1 -0.00543232 -1.14834e-17 -0.000402337 -2.74101e-08 -0.000438092 -0.626546 5.48513e-08 -1.97135e-05 1 -0.0815876 -6.20884e-06 9.36871e-19 -4.59855e-07 -3.82664e-11 -5.00758e-07 -0.000716074 -3.51739e-10 1 -1.97135e-05 -0.0172484 -1.31258e-06 1.98064e-19 -9.72933e-08 -3.57215e-11 -1.05716e-07 -0.000151389	2.1181e-09	-1.05716e-07	-5.00758e-07	-0.000438092	-3.33054e-08	-1.26592e-20	-2.42892e-09	-7.47719e-11	1	-3.84371e-06
9.75921e-20 1.98064e-19 9.36871e-19 -1.14834e-17 1.33186e-19 1 4.62003e-21 -1.84786e-24 -1.26592e-20 7.19463e-18 3.57316e-09 -1.31258e-06 -6.20884e-06 -0.00543232 1 1.33186e-19 -3.06634e-08 -3.45256e-11 -3.33054e-08 -4.76782e-05 -5.06523e-07 -0.0172484 -0.0815876 1 -0.00543232 -1.14834e-17 -0.000402337 -2.74101e-08 -0.000438092 -0.626546 5.48513e-08 -1.97135e-05 1 -0.0815876 -6.20884e-06 9.36871e-19 -4.59855e-07 -3.82664e-11 -5.00758e-07 -0.000716074 -3.51739e-10 1 -1.97135e-05 -0.0172484 -1.31258e-06 1.98064e-19 -9.72933e-08 -3.57215e-11 -1.05716e-07 -0.000151389	-6.74844e-11	-3.57215e-11	-3.82664e-11	-2.74101e-08	-3.45256e-11	-1.84786e-24	-1.33504e-10	1	-7.47719e-11	-2.05291e-10
3.57316e-09 -1.31258e-06 -6.20884e-06 -0.00543232 1 1.33186e-19 -3.06634e-08 -3.45256e-11 -3.33054e-08 -4.76782e-05 -5.06523e-07 -0.0172484 -0.0815876 1 -0.00543232 -1.14834e-17 -0.000402337 -2.74101e-08 -0.000438092 -0.626546 -5.48513e-08 -1.97135e-05 1 -0.0815876 -6.20884e-06 9.36871e-19 -4.59855e-07 -3.82664e-11 -5.00758e-07 -0.000716074 -1.351739e-10 1 -1.97135e-05 -0.0172484 -1.31258e-06 1.98064e-19 -9.72933e-08 -3.57215e-11 -1.05716e-07 -0.000151389	2.27614e-09	-9.72933e-08	-4.59855e-07	-0.000402337	-3.06634e-08	4.62003e-21	1	-1.33504e-10	-2.42892e-09	-3.52989e-06
-5.06523e-07 -0.0172484 -0.0815876 1 -0.00543232 -1.14834e-17 -0.000402337 -2.74101e-08 -0.000438092 -0.626546 5.48513e-08 -1.97135e-05 1 -0.0815876 -6.20884e-06 9.36871e-19 -4.59855e-07 -3.82664e-11 -5.00758e-07 -0.000716074 -3.51739e-10 1 -1.97135e-05 -0.0172484 -1.31258e-06 1.98064e-19 -9.72933e-08 -3.57215e-11 -1.05716e-07 -0.000151389	9.75921e-20	1.98064e-19	9.36871e-19	-1.14834e-17	1.33186e-19	1	4.62003e-21	-1.84786e-24	-1.26592e-20	7.19463e-18
5.48513e-08 -1.97135e-05	3.57316e-09	-1.31258e-06	-6.20884e-06	-0.00543232	1	1.33186e-19	-3.06634e-08	-3.45256e-11	-3.33054e-08	-4.76782e-05
-3.51739e-10	-5.06523e-07	-0.0172484	-0.0815876	1	-0.00543232	-1.14834e-17	-0.000402337	-2.74101e-08	-0.000438092	-0.626546
	5.48513e-08	-1.97135e-05	1	-0.0815876	-6.20884e-06	9.36871e-19	-4.59855e-07	-3.82664e-11	-5.00758e-07	-0.000716074
1 -3 51739e-10 5 48513e-08 -5 06523e-07 3 57316e-09 9 75921e-20 2 27614e-09 -6 74844e-11 2 1181e-09 -3 50207e-05	-3.51739e-10	1	-1.97135e-05	-0.0172484	-1.31258e-06	1.98064e-19	-9.72933e-08	-3.57215e-11	-1.05716e-07	-0.000151389
0.0017000 10 0.0000000 07 0.0070100 00 0.007010 00 0.0170140 00 0.0170140 00	1	-3.51739e-10	5.48513e-08	-5.06523e-07	3.57316e-09	9.75921e-20	2.27614e-09	-6.74844e-11	2.1181e-09	-3.50207e-05