correlation_matrix

0.000806955	0.0413719	-0.0159507	-0.38333	0.0113144	-0.21497	0.000753048	5.70043e-05	0.000939183	1
 5.15767e-06	0.000264429	-0.000101949	-0.00245006	7.23161e-05	-0.00137398	4.81297e-06	3.64344e-07	1	0.00093918
 .13048e-07	1.60497e-05	-6.18787e-06	-0.000148708	4.38927e-06	-8.33947e-05	2.92135e-07	1	3.64344e-07	5.70043e-0
 .13548e-06	0.000212022	-8.17442e-05	-0.00196449	5.7984e-05	-0.00110168	1	2.92135e-07	4.81297e-06	0.00075304
— 0.00118054	-0.0605252	0.0233352	0.560795	-0.0165524	1	-0.00110168	-8.33947e-05	-0.00137398	-0.21497
 .21347e-05	0.00318559	-0.00122819	-0.029516	1	-0.0165524	5.7984e-05	4.38927e-06	7.23161e-05	0.0113144
— 0.00210512	-0.107928	0.0416109	1	-0.029516	0.560795	-0.00196449	-0.000148708	-0.00245006	-0.38333
3.75957e-05	-0.00449096	1	0.0416109	-0.00122819	0.0233352	-8.17442e-05	-6.18787e-06	-0.000101949	-0.0159507
— 0.0002272	1	-0.00449096	-0.107928	0.00318559	-0.0605252	0.000212022	1.60497e-05	0.000264429	0.0413719
1	0.0002272	-8.75957e-05	-0.00210512	6.21347e-05	-0.00118054	4.13548e-06	3.13048e-07	5.15767e-06	0.00080695