## correlation\_matrix

2.13887e-08 -5.17037 4.3883e-09 -8.76468 9.64174e-08 -1.16462 1.42935e-06 2.445056 4.25712e-07 -6.95143	3e-09 -1.36826e-09 2e-06 -1.48772e-08	-3.23149e-07 -0.000468097	-2.6416e-09 -3.6678e-07	-9.38412e-09	-8.56801e-10		-1.91929e-10	-2.73681e-06 
4.3883e-09 -8.76468 —— 9.64174e-08 -1.16462 —— 1.42935e-06 2.445056	3e-09 -1.36826e-09 2e-06 -1.48772e-08	-3.23149e-07 -0.000468097	-2.6416e-09 -3.6678e-07	-9.38412e-09	-8.56801e-10	1	-1.91929e-10	-5.45128e-08 
9.64174e-08 -1.16462 ———————————————————————————————————	2e-06 -1.48772e-08	-0.000468097	-3.6678e-07					_
1.42935e-06 2.445056				9.05977e-08	1	-8.56801e-10	-2.75428e-08	-6.09336e-06
_	ia-06 -1 20678a-07	0 00312519						
4.25712e-07 -6.95143	1.230706-07	0.00312310	7.7093e-07	1	9.05977e-08	-9.38412e-09	6.94118e-08	1.06102e-05
_	3e-06 -7.87147e-08	-0.00280379	1	7.7093e-07	-3.6678e-07	-2.6416e-09	-1.63572e-07	-3.67436e-05 
-0.00238343 -0.00890	0119 0.000170738	1	-0.00280379	0.00312518	-0.000468097	-3.23149e-07	-0.000208092	-0.0450615
-1.47536e-06 -2.51409 	9e-07 1	0.000170738	-7.87147e-08	-1.29678e-07	-1.48772e-08	-1.36826e-09	-4.92495e-09	-1.00413e-06 ——
1.35113e-06 1	-2.51409e-07	-0.00890119	-6.95143e-06	2.44505e-06	-1.16462e-06	-8.76468e-09	-5.17037e-07	-0.000116648 ——
1 1.351136	se-06 -1.47536e-06	-0.00238343	4.25712e-07	1.42935e-06	9.64174e-08	4.3883e-09	2.13887e-08	5.99436e-06