# correlation_matrix

| | Background_rpf_0x0_par0 | lumi | pileup | r | systOnF | systOnG | systOnMuID | systOnMuReco | systOnMuTrigger | systOnPt | systOnTrigger |
|---|---|---|---|---|---|---|---|---|---|---|---|
| systOnTrigger | 0.000158665 | -1.27364e-05 | 4.78712e-07 | -0.052905 | -3.96234e-06 | 2.22382e-05 | -3.36959e-07 | 8.71152e-09 | -2.95893e-07 | 1.61149e-07 | 1 |
| systOnPt | 1.41119e-08 | -1.7898e-09 | -4.82042e-09 | -8.25345e-06 | -9.85068e-10 | 5.29062e-07 | -4.90608e-10 | -5.15792e-11 | -2.62699e-10 | 1 | 1.61149e-07 |
| stOnMuTrigger | -4.10431e-08 | -1.29201e-07 | -1.22544e-08 | -0.00052019 | -4.02306e-08 | -2.2151e-07 | -3.36603e-09 | 8.10797e-12 | 1 | -2.62699e-10 | -2.95893e-07 |
| systOnMuReco | 1.0458e-08 | -2.82782e-10 | 2.32943e-09 | -1.40923e-06 | -1.05933e-10 | 2.4012e-08 | -1.66407e-10 | 1 | 8.10797e-12 | -5.15792e-11 | 8.71152e-09 |
| systOnMuID | 7.07836e-08 | -1.43923e-07 | -1.27149e-08 | -0.000580756 | -4.4972e-08 | -2.852e-07 | 1 | -1.66407e-10 | -3.36603e-09 | -4.90608e-10 | -3.36959e-07 |
| systOnG | 0.000347173 | -9.88714e-06 | -2.32962e-06 | -0.0431127 | -3.08849e-06 | 1 | -2.852e-07 | 2.4012e-08 | -2.2151e-07 | 5.29062e-07 | 2.22382e-05 |
| systOnF | -1.63426e-07 | -1.71376e-06 | -2.68649e-07 | -0.00690914 | 1 | -3.08849e-06 | -4.4972e-08 | -1.05933e-10 | -4.02306e-08 | -9.85068e-10 | -3.96234e-06 |
| r | -0.00340642 | -0.0221329 | -0.00322138 | 1 | -0.00690914 | -0.0431127 | -0.000580756 | -1.40923e-06 | -0.00052019 | -8.25345e-06 | -0.052905 |
| pileup | 6.10397e-05 | -8.95028e-07 | 1 | -0.00322138 | -2.68649e-07 | -2.32962e-06 | -1.27149e-08 | 2.32943e-09 | -1.22544e-08 | -4.82042e-09 | 4.78712e-07 |
| lumi | -7.71564e-07 | 1 | -8.95028e-07 | -0.0221329 | -1.71376e-06 | -9.88714e-06 | -1.43923e-07 | -2.82782e-10 | -1.29201e-07 | -1.7898e-09 | -1.27364e-05 |
| d_rpf_0x0_par0 | 1 | -7.71564e-07 | 6.10397e-05 | -0.00340642 | -1.63426e-07 | 0.000347173 | 7.07836e-08 | 1.0458e-08 | -4.10431e-08 | 1.41119e-08 | 0.000158665 |