Correlation matrix (values in %). Row/column variables are indexed 1–36 as follows:

1. BTag_B_0
2. BTag_Light_0
3. EG_SCALE_ALL
4. Electron_Iso_SF_0
5. JET_BJES_Response
6. JET_EffectiveNP_Modelling1
7. T_EtaIntercalibration_Modelling
8. JET_Flavor_Composition
9. JET_Flavor_Response
10. JET_Pileup_OffsetNPV
11. JET_Pileup_RhoTopology
12. Luminosity
13. PileupRW
14. Photon_ID
15. Photon_effIso
16. Wty_Herwig7
17. hfakeSF_
18. ttbar_pt_hard
19. tty_dec_Herwig7
20. tty_dec_muF
21. tty(dec) Norm
22. tty_dec_var3c
23. tty_prod_Herwig7
24. tty_prod_muF
25. tty_prod_muR
26. tty_prod_var3c
27. uncalib_bjet
28. uncalib_cjet
29. uncalib_ljet
30. Wtγ Norm
31. Zγ Norm
32. j1_all_syst Unfolded Truth Bin 1
33. j1_all_syst Unfolded Truth Bin 2
34. j1_all_syst Unfolded Truth Bin 3
35. j1_all_syst Unfolded Truth Bin 4
36. j1_all_syst Unfolded Truth Bin 5

Var	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1	100.0	0.1	0.1	-0.0	-0.0	-0.0	-0.0	-0.3	0.1	-0.0	-0.1	-0.0	-0.0	-0.2	-0.1	0.0	-0.0	0.1	0.6	-0.0	-5.3	0.1	-0.1	0.1	0.1	0.2	-0.1	-0.1	-0.7	-0.2	-0.5	19.5	10.3	6.6	5.7	2.1
2	0.1	100.0	-0.2	0.1	-0.1	0.0	-0.3	0.6	-0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.6	0.3	-0.2	-5.0	0.8	1.9	-0.6	1.7	-0.5	0.6	0.3	0.0	0.4	2.5	-0.2	0.7	11.1	10.2	9.5	9.2	4.4
3	0.1	-0.2	100.0	0.0	-0.1	-0.0	0.0	0.3	-0.0	-0.0	0.1	0.0	0.2	0.2	0.0	0.1	-0.1	-0.1	0.5	-0.1	8.0	-0.1	-0.3	-0.1	-0.1	-0.1	0.0	0.0	0.3	0.2	0.6	-10.7	-11.6	-8.5	-5.3	-1.6
4	-0.0	0.1	0.0	100.0	0.0	-0.0	0.1	-0.1	-0.0	0.0	0.0	0.0	-0.1	-0.0	0.0	0.0	0.1	-0.0	0.8	-0.2	-1.1	0.1	-0.3	0.1	0.1	-0.0	-0.3	-0.0	-0.3	-0.0	-0.1	-11.9	-13.2	-10.4	-8.7	-2.5
5	-0.0	-0.1	-0.1	0.0	100.0	-0.0	0.0	0.2	0.0	0.1	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.1	-0.0	-2.7	0.0	3.2	0.0	-0.8	0.1	0.1	0.3	0.0	0.1	0.0	0.2	0.3	-8.5	-12.9	-13.4	-4.2	-0.3
6	-0.0	0.0	-0.0	-0.0	-0.0	100.0	-0.0	-0.0	-0.0	0.0	0.0	0.0	0.2	0.0	0.1	-0.0	-0.1	-0.0	0.2	-0.2	4.1	0.0	-0.9	-0.2	-0.2	0.1	-0.0	-0.6	-0.6	-0.0	-0.1	-4.2	-14.5	-19.3	-17.4	-3.1
7	-0.0	-0.3	0.0	0.1	0.0	-0.0	100.0	0.4	-0.0	0.1	0.2	0.1	0.1	0.1	0.1	-0.6	0.1	-0.0	0.6	0.1	2.4	-0.1	-0.2	-0.0	0.1	0.1	0.0	0.2	1.3	0.4	0.7	-9.6	-12.7	-13.1	-11.3	-4.7
8	-0.3	0.6	0.3	-0.1	0.2	-0.0	0.4	100.0	-0.0	-0.0	-0.5	-0.0	-0.6	-0.5	-0.0	-0.6	0.1	0.3	2.0	-1.2	-13.1	1.0	-1.5	0.8	-0.5	-0.1	-0.1	-0.1	-1.3	-0.4	-1.4	-18.8	-12.5	-7.6	-7.6	-2.5
9	0.1	-0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0	100.0	-0.2	0.1	-0.0	0.2	-0.0	0.1	-0.0	-0.1	-0.0	-8.8	-0.1	-2.3	0.0	0.9	-0.0	0.3	0.0	0.0	0.0	0.4	0.2	-0.1	6.4	11.9	14.6	17.7	6.8
10	-0.0	0.0	-0.0	0.0	0.1	0.0	0.1	-0.0	-0.2	100.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	-0.0	1.9	0.1	3.6	0.1	-0.3	0.0	-0.2	0.0	-0.0	-0.2	0.2	0.1	0.2	-9.3	-12.7	-11.0	-8.7	-2.5
11	-0.1	0.0	0.1	0.0	0.0	0.0	0.2	-0.5	0.1	0.0	100.0	-0.0	0.0	-0.1	0.0	-0.0	0.0	0.0	3.4	-0.5	0.5	0.4	-1.7	0.3	-0.4	0.3	0.1	0.0	0.2	0.1	-0.1	-25.7	-31.0	-24.2	-18.2	-5.5
12	-0.0	0.1	0.0	0.0	0.0	0.0	0.1	-0.0	-0.0	0.1	-0.0	100.0	0.2	0.2	0.1	0.0	0.0	0.0	0.9	-0.2	-0.9	0.1	0.0	0.3	0.1	0.1	-0.0	0.0	-0.2	-0.1	-0.2	-12.9	-13.9	-11.3	-9.6	-2.7
13	-0.0	0.2	0.2	-0.1	-0.0	0.2	0.1	-0.6	0.2	0.1	0.0	0.2	100.0	-0.3	-0.3	0.2	0.0	0.2	-2.5	-0.7	12.7	0.5	-0.3	0.4	0.5	0.1	0.0	0.3	-1.0	1.7	0.5	2.6	6.4	5.3	5.8	2.8
14	-0.2	0.2	0.2	-0.1	-0.0	0.0	0.1	-0.5	-0.0	0.1	-0.1	0.2	-0.3	100.0	-0.3	0.8	-0.4	0.1	-0.1	-0.4	-17.2	0.1	-0.3	0.4	0.1	0.2	-0.0	-0.1	-0.6	-0.4	-0.9	-10.6	-11.2	-8.8	-7.9	-2.0
15	-0.1	0.2	0.0	0.0	0.0	0.1	0.1	-0.0	0.1	0.1	0.0	0.1	-0.3	-0.3	100.0	-0.2	-0.3	0.1	0.9	-0.3	-10.2	0.1	-0.3	0.6	-0.0	0.1	-0.0	-0.1	-0.2	-0.2	-0.6	-16.9	-18.1	-14.7	-12.9	-3.5
16	0.0	0.6	0.1	0.0	-0.0	-0.0	-0.6	-0.6	-0.0	0.1	-0.0	0.0	0.2	0.8	-0.2	100.0	-0.3	0.0	-21.9	-0.8	0.2	0.8	-1.8	0.2	-0.5	0.3	-0.0	-0.6	-2.1	0.6	-0.8	-6.7	5.0	7.4	12.8	9.7
17	-0.0	0.3	-0.1	0.1	-0.1	-0.0	0.1	0.1	-0.1	0.1	0.0	0.0	0.0	-0.4	-0.3	-0.3	100.0	-0.6	0.0	-0.6	16.2	0.4	-0.1	-0.1	0.0	0.6	-0.1	0.6	-1.0	0.1	-0.5	-25.6	-27.3	-22.9	-13.8	-3.2
18	0.1	-0.2	-0.1	-0.0	-0.0	-0.0	-0.0	0.3	-0.0	-0.0	0.0	0.0	0.2	0.1	0.1	0.0	-0.6	100.0	-1.1	0.1	10.9	-0.2	-0.1	-0.1	0.0	0.6	0.3	0.6	0.6	0.3	0.6	-6.4	-7.6	-6.4	-4.3	-0.6
19	0.6	-5.0	0.5	0.8	-2.7	0.2	0.6	2.0	-8.8	1.9	3.4	0.9	-2.5	-0.1	0.9	-21.9	0.0	-1.1	100.0	10.3	4.1	14.9	-46.5	15.5	6.0	0.7	3.1	9.7	46.9	16.0	12.0	-13.1	-17.0	-13.7	6.1	-54.6
20	-0.0	0.8	-0.1	-0.2	0.0	-0.2	0.1	-1.2	-0.1	0.1	-0.5	-0.2	-0.7	-0.4	-0.3	-0.8	-0.6	0.1	10.3	100.0	-10.3	0.9	-2.1	0.7	-0.3	0.1	-0.2	-0.5	-3.0	-0.8	-1.9	2.1	1.8	0.4	-0.5	3.3
21	-5.3	1.9	8.0	-1.1	3.2	4.1	2.4	-13.1	-2.3	3.6	0.5	-0.9	12.7	-17.2	-10.2	0.2	16.2	10.9	4.1	-10.3	100.0	4.5	29.9	6.3	16.2	8.3	-0.0	0.1	1.7	-7.0	-23.0	-38.8	-42.9	-36.7	-27.2	-5.1
22	0.1	-0.6	-0.1	0.1	0.0	0.0	-0.1	1.0	0.0	0.1	0.4	0.1	0.5	0.1	0.1	0.8	0.4	0.1	14.9	0.9	4.5	100.0	2.4	-0.8	-0.1	-0.2	0.2	0.4	2.4	0.5	1.5	-1.8	-2.4	-1.7	-1.1	-3.1
23	-0.1	1.7	-0.3	-0.3	-0.8	-0.9	-0.2	-1.5	0.9	-0.3	-1.7	0.0	-0.3	-0.3	-0.3	-1.8	-0.1	-0.1	-46.5	-2.1	29.9	2.4	100.0	3.0	2.6	-0.9	-1.0	-2.5	-16.0	-2.1	-2.8	-16.9	-9.7	-12.5	-35.8	11.3
24	0.1	-0.5	-0.1	0.1	0.1	-0.2	-0.0	0.8	-0.0	0.0	0.3	0.3	0.4	0.4	0.6	0.2	-0.1	-0.1	15.5	0.7	6.3	-0.8	3.0	100.0	0.0	-0.3	0.1	0.3	2.4	0.4	1.1	-9.6	-5.3	-4.0	2.2	-2.8
25	0.1	0.6	-0.1	0.1	0.1	-0.2	0.1	-0.5	0.3	-0.2	-0.4	0.1	0.5	0.1	-0.0	-0.5	0.0	0.0	6.0	-0.3	16.2	-0.1	2.6	0.0	100.0	-0.5	-0.2	-0.6	-3.6	-0.7	-1.0	-8.7	-11.6	-8.0	-6.8	5.1
26	0.2	0.3	-0.1	-0.0	0.3	0.1	0.1	-0.1	0.0	0.0	0.3	0.1	0.1	0.2	0.1	0.3	0.6	0.6	0.7	0.1	8.3	-0.2	-0.9	-0.3	-0.5	100.0	0.1	-0.1	-1.8	0.1	0.3	5.6	-6.7	-16.9	-5.0	-2.4
27	-0.1	0.0	0.0	-0.3	0.0	-0.0	0.0	-0.1	0.0	-0.0	0.1	-0.0	0.0	-0.0	-0.0	-0.0	-0.1	0.3	3.1	-0.2	-0.0	0.2	-1.0	0.1	-0.2	0.1	100.0	-0.1	-0.1	0.3	0.2	-0.3	-0.1	-1.3	3.5	-11.8
28	-0.1	0.4	0.0	-0.0	0.1	-0.6	0.2	-0.1	0.0	-0.2	0.0	0.0	0.3	-0.1	-0.1	-0.6	0.6	0.6	9.7	-0.5	0.1	0.4	-2.5	0.3	-0.6	-0.1	-0.1	100.0	-3.6	0.2	-0.1	0.1	0.8	2.2	-9.1	-11.6
29	-0.7	2.5	0.3	-0.3	0.0	-0.6	1.3	-1.3	0.4	0.2	0.2	-0.2	-1.0	-0.6	-0.2	-2.1	-1.0	0.6	46.9	-3.0	1.7	2.4	-16.0	2.4	-3.6	-1.8	-0.1	-3.6	100.0	0.4	-1.7	0.4	0.8	-1.3	27.4	-91.4
30	-0.2	-0.2	0.2	-0.0	0.2	-0.0	0.4	-0.4	0.2	0.1	0.1	-0.1	1.7	-0.4	-0.2	0.6	0.1	0.3	16.0	-0.8	-7.0	0.5	-2.1	0.4	-0.7	0.1	0.3	0.2	0.4	100.0	-0.8	-31.1	-30.3	-24.6	-18.3	-9.2
31	-0.5	0.7	0.6	-0.1	0.3	-0.1	0.7	-1.4	-0.1	0.2	-0.1	-0.2	0.5	-0.9	-0.6	-0.8	-0.5	0.6	12.0	-1.9	-23.0	1.5	-2.8	1.1	-1.0	0.3	0.2	-0.1	-1.7	-0.8	100.0	-18.7	-9.8	-6.5	-12.7	-7.2
32	19.5	11.1	-10.7	-11.9	-8.5	-4.2	-9.6	-18.8	6.4	-9.3	-25.7	-12.9	2.6	-10.6	-16.9	-6.7	-25.6	-6.4	-13.1	2.1	-38.8	-1.8	-16.9	-9.6	-8.7	5.6	-0.3	0.1	0.4	-31.1	-18.7	100.0	66.2	58.6	47.4	14.7
33	10.3	10.2	-11.6	-13.2	-12.9	-14.5	-12.7	-12.5	11.9	-12.7	-31.0	-13.9	6.4	-11.2	-18.1	5.0	-27.3	-7.6	-17.0	1.8	-42.9	-2.4	-9.7	-5.3	-11.6	-6.7	-0.1	0.8	0.8	-30.3	-9.8	66.2	100.0	56.9	54.0	15.8
34	6.6	9.5	-8.5	-10.4	-13.4	-19.3	-13.1	-7.6	14.6	-11.0	-24.2	-11.3	5.3	-8.8	-14.7	7.4	-22.9	-6.4	-13.7	0.4	-36.7	-1.7	-12.5	-4.0	-8.0	-16.9	-1.3	2.2	-1.3	-24.6	-6.5	58.6	56.9	100.0	35.6	16.8
35	5.7	9.2	-5.3	-8.7	-4.2	-17.4	-11.3	-7.6	17.7	-8.7	-18.2	-9.6	5.8	-7.9	-12.9	12.8	-13.8	-4.3	6.1	-0.5	-27.2	-1.1	-35.8	2.2	-6.8	-5.0	3.5	-9.1	27.4	-18.3	-12.7	47.4	54.0	35.6	100.0	-12.3
36	2.1	4.4	-1.6	-2.5	-0.3	-3.1	-4.7	-2.5	6.8	-2.5	-5.5	-2.7	2.8	-2.0	-3.5	9.7	-3.2	-0.6	-54.6	3.3	-5.1	-3.1	11.3	-2.8	5.1	-2.4	-11.8	-11.6	-91.4	-9.2	-7.2	14.7	15.8	16.8	-12.3	100.0