FFPP_Tomog_DateO_stabin0 FFPP_Tomog_DateO_stabin0 FFPP_Tomog_DateO_stabin0 FFPP_Tomog_DateO_stabin0 FFPP_Tomog_DateO_stabin0 FFPP_StorO_Stabin0 FFPP_StorO_Stabin0 FFPP_StorO_Stabin0 FFPP_Stabin0 FFPP_	3	22 60 64 18 21 62 64 22 23 65 3 21 65 4 5 65 5 6 6 5 6 6 6 7 6 7 7 7 7 7 7 7 7 7	00 0 1 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 de	01 00 01 00 00 00 00 00 00 00 00 00 00 0	-0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.2 -0.2 0.0 0.0 0.1 -0.2 -0.2 0.0 -0.1 -0.0 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1 0.0 -0.1 -0.1	01 -02 03 -03 01 -03 01 -03 01 -00 01 -00 02 07 -08 05 00 00 -11 -03 -03 -05 -02	-0.1 -0.2 -0.0 -0.1 -0.0 -0.1 -0.0 -0.0 -0.0 -0.0 -0.1 -0.5 -0.0 -0.0 -0.0 -0.0 -0.1 -0.5 -0.0 -0.0 -0.0 -0.0	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	.10 -0.5 .10 -0.8 .10 -0.8 .11 -0.1 .12 -0.3 .12 -0.3 .13 -0.1 .14 -0.1 .15 -0.1 .16 -0.1 .17 -0.2 .18 -0.2 .19 -0.2 .19 -0.2 .10 -0.2	02 05 01 04 01 04 01 05	03 - 0.4 0.2 0.1 0.2 0.4 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		-0.9 -0.9 -0.9 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	-1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4 -0.9 -0.0 6 -0.5 -0.0 6 -0.3 -0.0 1 -0.1 -0.0 5 -0.4 -0.0 3 -4.9 -0.2 7 -3.8 -0.2 0 -0.0 -0.0	-1.6 0.9 -0.9 0.7 -1.0 0.4 -0.2 0.0 -0.7 0.5 -0.4 -7.4 -10.6 -11.9 -0.0 -0.0 -0.4 6.1	0.0 -0.3 0.1 -0.2 0.0 -0.1 0.0 0.0 -0.0 -0.1 -0.0 1.4 -0.2 1.5 -0.0 -0.0 0.7 -0.0	-2.4 -0.1 -0.1 -0.4 -0.2 -0.3 -1.2 -0.3 -1.2 -0.3 -1.2 -0.3 -1.4 -0.0 -0.0 -0.0 -0.0 -0.0	7 1.7 02 4 1.2 0.0 5 0.9 0.0 6 0.2 0.0 5 0.7 0.0 6 0.0 0.0 6 0.0 0.0 7 1.7	0 -0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 01 0 400 02 1 400 400 1 9 400 400 1 40	-0.4 0.4 0.4 -0.5 0.4 -0.1 -0.1 -0.1 -0.5 0.5 4.0 -0.5 -0.0 -0.0 -0.0 -0.1 -0.2 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1
FFNP_1pong_ptin1_stabe0 0 FFNP_1pong_ptin2_stabe0 0 FFNP_3pong_ptin2_stabe0 0 FFNP_3D_GR 0 FFNP_	27 43 41 41 41 41 41 41 41 41 41 41 41 41 41	2 2 30 43 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	22 43 62 43 63 64 64 64 64 64 64 64 64 64 64 64 64 64	11 42 43 40 11 11 11 11 11 11 11 11 11 11 11 11 11	0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.0 0.2 0.0 -0.0 -0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0	02 02 02 02 02 02 02 02 02 02 02 02 02 0	0.1 -0.1 -0.0 0.0 -0.1 -0.0 -0.2 0.7 -0.8 0.5 -0.0 0.0 -1.1 -0.0 -0.1 -0.0 -0.2 -0.2	-0.0 -0.1 -0.0 -0.0 -0.0 -0.0 -0.2 -0.8 -0.1 -0.5 -0.0 -0.0 -0.0 -0.0 -0.1 -0.3	02 0.0 -0.0 -0.0 0.1 0.0 -0.3 -0.4 -1.8 -0.5 -0.0 0.0 -0.3 0.1 -2.2 0.4	1.0 -0.8 0.1 0.1 0.7 -0.3 10.1 42 11.7 10.2 0.0 0.0 3.0 -0.9 1.9 42	0.1	02 -04 00 00 00 00 00 00 00 00 00 00 00 00 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		403 403 000 01 403 404 405 409 405 405 405 405 405 405 405 405 405 405	-0.3 -0.3 -0.1 -0.1 -0.4 -0.4 -0.4 -0.4 -0.4 -0.0 -0.0 -0.0	0.3 -0.3 -0.1 0.1 0.1 0.1 -0.4 -0.4 -0.4 4.9 4.9 6.1 3.8 3.7 4.1 0.0 0.0 -0.1	5 -0.3 -0.0 1 0.1 0.0 5 -0.4 -0.0 3 4.9 0.2 7 3.8 0.2 0 -0.0 0.0 4 -0.5 -0.9	1.0 0.4 0.2 0.0 -0.7 0.5 8.4 -7.4 10.6 -11.9 0.0 -0.0 -0.4 6.1	0.0 -0.1 0.0 0.0 -0.0 -0.1 -0.0 1.4 -0.2 1.5 -0.0 -0.0 0.7 -0.0	1.0 -0. 0.2 0.1 -1.2 -0.3 13.2 3.3 16.0 3.6 -0.0 -0.0 4.6 0.1	4 0.9 0.0 1 42 -0.0 3 0.7 0.0 1 85 0.1 4.1 0.1 0.7 1.7	2.8 -0.3 -0.4 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	0 -0.0 -0.0 1 0.0 -0.0 0 -0.1 -0.0 5 -0.3 -0.7 5 0.4 -0.1 -0.0 0.0 1.9 -0.8 1.6 0.1	0.2 0.1 0.1 0.1 0.3 0.3 0.3 0.2 0.2 0.2 0.0 0.0 0.1 0.2 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
FFNP_3pong_ptind_stabn0	2	12 20 21 22 23 24 24 24 24 24 24	61 62 63 64 65 65 65 65 65 65 65 65 65 65 65 65 65	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0.0 0.0	0 0.1 0.0 0 4.1 -0.1 0 5 0.1 0.5 0 10 0.0 0 0.0 0.0 1 17 1.7 4 25 1.3 0 0.3 -0.3	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.2 0.8 0.1 0.5 0.0 0.0 -0.0 -0.0 -0.1 -0.0	0.1 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0 0.0	0.1 0.1 -0.7 -0.3 10.1 42 11.7 10.2 0.0 0.0 -3.0 -0.9	0.0 0.1 -0.0 42 0.6 2.6 1.1 3.5 -0.0 0.0	0.0 0.0 - 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-0.0 0.0 0.0 -0.0 -0.0 -0.1 -0.0 -0.0 -0	0.0 0.1 -0.3 -0.4 -4.6 -4.9 -3.3 -3.8 -0.0 -0.0	0.1 0.1 0.4 0.4 49 49 3.7 3.7 -0.0 0.0	0.1 0.1 0.1 0.4 -0.4 -0. 4.9 4.9 6.1 3.8 3.7 4.1 0.0 0.0 -0.	0.1 0.0 0.4 -0.0 0.4 -0.0 0.4 0.2 0.4 0.5 -0.2	0.2 0.0 -0.7 0.5 8.4 -7.4 -10.6 -11.9 0.0 -0.0	0.0 0.0 -0.0 -0.1 -0.0 1.4 -0.2 1.5 -0.0 -0.0 0.7 -0.0	02 0.1 -1.2 -0.3 13.2 3.3 16.0 3.6 -0.0 -0.0 4.6 0.1	42 -00 3 0.7 00 4.5 0.1 -0.1 0.1 -0.0 00 0.7 -1.7	0 0.0 0.0 1 -0.2 -0.0 1 2.0 -0.1 2.8 -0.3 0.0 0.0 1 -0.4 1.9 1.7 1.7	0 0.0 -0.0 0 -0.1 -0.0 5 -0.3 -0.7 3 0.4 -0.1 -0.0 0.0 1.9 -0.8	0.1 -0.1 -0.3 0.3 3.2 -2.5 -0.0 -0.0 -0.1 -2.9
FFNP_SS_CR 12 FFNP_OS_CR 22 FFNP_OS_CR 23 FFNP_OS_CR 24 FFNP_OS_CR 24 FFNP_OS_CR 24 FFNP_OS_CR 24 FFNP_OS_CR 25 FF	00 40 41 01 00 00 00 00 00 00 00 00 00 00 00 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	a da	1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.1 0.0 0.8 2.4 0.1 1.1 -1.8 -1.1 -0.0 0.0 0.0 0.0 -1.2 0.1 -0.0 1.8 0.1 -0.1 0.5 0.0 -0.1 2.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0 -0.1 0.5 0.0	0 41 -0.1 0 0.1 0.5 1 13 1.7 0 0.0 0.0 1 1.7 1.7 4 2.5 1.3 0 -0.3 -0.3 4 -1.1 -2.0	0.1 -0.0 -0.2 0.7 -0.8 0.5 -0.0 0.0 -1.1 -0.3 -0.8 -0.2 -0.2 -0.3	0.0 -0.0 0.2 0.8 0.1 0.5 0.0 0.0 -0.0 0.0 -0.3 -0.6 -0.1 -0.3	0.1 0.0 -0.3 -0.4 -1.8 -0.5 -0.0 0.0 -0.3 0.1 -2.2 0.4	.07 -0.3 10.1 42 11.7 10.2 0.0 0.0 .0.9 .3.0 4.9 .1.9 42	-0.0 -0.2 0.6 -2.6 1.1 -3.5 -0.0 -0.0 -0.0 -0.1	0.1 -0.1 1.6 2.1 2.5 4.2 0.0 0.0	0.0 0.0 0.0 0.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.7 0.5 0.7 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	03 -04 48 49 33 38 00 -00	49 49 37 37 -00 0.0	0.4 -0.4 -0. 4.2 4.9 6.1 3.8 3.7 4.3 0.0 0.0 -0.	5 -0.4 -0.0 3 -4.9 -0.2 7 - 3.8 -0.2 0 -0.0 -0.0	-0.7 0.5 8.4 -7.4 10.8 -11.9 0.0 -0.0 -0.4 6.1	-0.0 -0.1 -0.0 1.4 -0.2 1.5 -0.0 -0.0 0.7 -0.0	132 33 160 38 -00 -00 46 0.1	3 0.7 0.0 1 8.5 0.1 1 -0.1 0.1 1 -0.0 0.0 0.7 -1.7	0 -0.2 -0.1 2.0 -0.1 2.8 -0.3 0.0 0.0 -0.4 1.9	0 -0.1 -0.0 5 -0.3 -0.7 3 -0.4 -0.1 -0.0 -0.0 1.9 -0.8 1.8 -0.1	03 03 03 32 -25 40 -25 -00 -00 -00
FRMP_OS_CR 21 Hellin	2 2 4 5 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	30	03	0 21 0.1 0.3 3 39 00 12 0 0.0 0.0 0.0 0 0.1 0.2 0.1 13 14 1.1 0.2 2 0.1 0.2 0.4 2 0.4 0.5 1.5 16 0.5 0.3 0.2 3 0.1 0.2 0.5 2 0.2 0.5 0.5 2 0.2 0.5 0.5	0.7 0.4 -1.2 0.5 0.0 0.0 1.8 1.1 -0.3 0.5 -0.3 0.1 -2.2 0.9 0.3 0.1 0.5 0.0	0.8 -2.4 -0.1 1.1 -1.8 -1.1 -0.0 -0.0 -0.0 0.0 -1.2 -0.0 -0.1 -1.5 -0.0 -0.1 -2.5 -0.0 -0.1 -2.5 -0.0 -0.1 -2.5 -0.0 -0.1 -2.5 -0.0 -0.1 -0.2 -0.1	5 01 0.5 2 1.3 1.7 0 0.0 0.0 5 1.7 1.7 4 2.5 1.3 0 -0.3 -0.3 4 -1.1 -2.0	02 0.7 0.8 0.5 0.0 0.0 4.1 0.0 1.1 0.3 0.8 0.2 5.2 0.3	0.2 0.8 0.1 0.5 0.0 0.0 -0.0 -0.0 -0.3 -0.6	-0.3 -0.4 -1.8 -0.5 -0.0 0.0 -0.3 0.1 -2.2 0.4	10.1 4.2 11.7 10.2 0.0 0.0 -3.0 -0.9	0.6 2.6 1.1 3.5 -0.0 0.0 -0.0 -0.1	1.6 2.1 - 2.5 4.9 - 0.0 0.0 -	0.4 -0.2 0.2 -0.2 0.0 -0.0	0.7 0.8 0.7 1.1 0.4 0.5 0.0 0.0 0.0 -0.1 -0.0 -0.1	4.6 4.9 3.3 3.8 0.0 -0.0	49 49 37 37 -00 0.0	4.9 4.9 6.1 3.8 3.7 4.2 0.0 0.0 -0.	4.9 0.2 7 3.8 0.2 0 -0.0 0.0	8.4 -7.4 10.6 -11.9 0.0 -0.0 -0.4 6.1	-0.0 1.4 -0.2 1.5 -0.0 -0.0 0.7 -0.0	13.2 3.2 16.0 3.6 -0.0 -0.0 4.6 0.1	-8.5 0.1 -9.1 0.1 1 -0.0 0.0 0.7 -1.7	2.8 -0.1 0.0 0.0 -0.4 1.9	5 -0.3 -0.7 3 -0.4 -0.1 1 -0.0 -0.0 1.9 -0.8 1.6 -0.1	32 -2.5 40 -2.5 -0.0 -0.0 -0.1 -2.9
Hellin 1 487, 1 487, 2 487, 3 487, 3 487, 4 487, 6 487,	1	0 0 00 00 00 00 00 00 00 00 00 00 00 00		0 00 00 00 0 01 00 11 5 14 11 02 2 01 02 04 2 04 05 15 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00 00	00 -00 1.8 1.1 -0.3 0.5 -0.3 -0.1 -0.2 -0.9 0.3 -0.1 -0.5 -0.0	-0.0 0.0 -0.0 0.0 0.0 0.1 0.5 0.0 0.1 0.5 0.0 0.1 0.5 0.0 0.1 0.1 0.5 0.0 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0 00 00 17 17 4 25 13 0 -03 -03 4 -1,1 -20	0.0 0.0 4.1 -0.0 -1.1 -0.3 -0.8 -0.2 -5.2 -0.3	0.0 0.0 -0.0 -0.0 -0.3 -0.6 -0.1 -0.3	-0.0 0.0 -0.3 0.1 -2.2 0.4	0.0 0.0 -3.0 -0.9	-0.0 0.0 -0.0 -0.1	0.0 0.0	0.0 -0.0	0.0 0.0 0.0	0.0 0.0	-0.0 0.0	0.0 0.0 -0.	0 00 00	0.0 -0.0	-0.0 -0.0	-0.0 -0.0 4.6 0.1	0.7 -1.7	0.0 0.0 -0.4 1.9	1.9 -0.8 1.6 0.1	-0.0 -0.0 -0.1 -2.9
ER.2 5 ER.3 2 ER.4 3 ER.5 4 ER.5 4 ER.5 4 ER.5 1 ER.7 Notifiem 1	0	7 46 00 00 00 00 00 00 00 00 00 00 00 00 00	21 05 20 1.1 005 05 02 0.1 005 050 02 02 0.1 005 020 02 02 02 02 02 02 02 02 02 02 02 02	9 0.1 0.9 1.1 0.2 0.1 0.2 0.4 0.2 0.4 0.5 0.5 0.5 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	1.8 1.1	0.0 1.2 0.5 -0.0 1.8 -00.1 0.5 0.0 -0.1 2.5 00.0 -0.4 0.1 -0.1 -0.9 0.1	17 17 25 13 0 -03 -03 1 -11 -20	41 -0.0 -1.1 -0.3 -0.8 -0.2 -5.2 -0.3	-0.0 -0.0 -0.3 -0.6 -0.1 -0.3	-0.3 0.1 -2.2 0.4	-3.0 -0.9 -1.9 42	-0.0 -0.1	08 -25 -	1.0 0.1	-0.1 -0.0 -0.1	-0.5	-05 -05	05 05	4 -0.5 -0.2	-0.4 6.1	0.7 -0.0	4.6 0.1	0.7 -1.7 -3.1 -0°	7 -0.4 1.9 1.7 1.7	1.9 -0.8	-0.1 -2.9
JER_3 2 JER_4 3 JER_5 4 JER_6 1 JER_7 vestTerm 1 JES_Modeling1 3	2	3 47 00 27 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	005 006 02 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	8 14 1.1 0.2 2 0.1 0.2 0.4 2 0.4 0.6 1.5 00 0.6 0.3 0.2 8 1000 0.1 0.2 3 0.1 0000 0.5 2 0.2 0.5 1000	-03 05 -01 -03 -01 -09 -09 -09 -09 -09 -09 -09 -09 -09 -09	-0.0 1.8 -0.0 -0.1 0.5 0.0 -0.1 2.5 -0.0 -0.4 0.1 -0.0 -0.1 -0.1 -0.0 0.1	4 25 1.3 0 -0.3 -0.3 4 -1.1 -2.0	-1.1 -0.3 -0.8 -0.2 -5.2 -0.3	-0.3 -0.6	-2.2 0.4	-1.9 4.2						4.5	-05 -0					-3.1 -0.9	1.7 1.7	1.6 0.1	
JER_4 3 JER_5 4 JER_6 -1 JER_7wsfTem 1 JER_Modeling1 -3	25 4 6 1 6 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 25 00 20 0 23 00 10 1 39 00 01 1 39 00 01 1 7 00 00 01 7 7 12 00 11 8 11 00 00	05 000 -02 0: 01 -02 000 0: -0.6 0.2 0.2 000 1.4 -0.1 0.4 -0. 1.1 -0.2 -0.6 0: -0.2 -0.4 -1.5 0: -0.3 -0.3 -0.2 0.	2	.03 .0.1 .02 .09 .03 .0.1 .05 .00 .03	-0.1 0.5 0.0 0.1 2.5 0.0 -0.0 -0.4 0.1 -0.1 -0.9 0.1	0 -0.3 -0.3 4 -1.1 -2.0	-0.8 -0.2 -5.2 -0.3	-0.1 -0.3			0.6 1.1	05 -08 -	0.6 -0.1	0.1 -0.5 -0.5	-1.6 -1.1	-1.11.1	-1.1 -1.1 -2.	0 -1.1 0.0	2.2 7.4	-0.3 0.5	-4.8 1.2		A		2.6 -4.0
JER_5 -0 JER_6 -1 JER_7/redTerm 1 JES_Modeling1 -3	11 22 01 00 00 00 00 01 01 01 01 01 01 01 01	25 00 20 0 23 00 -1.0 1 39 -00 -0.1 1 0 0 00 00 9 12 00 1.1 7 -1.2 00 1.8 4 05 00 1.1	0.1 0.2 0000 0. 0.8 0.2 0.2 00 1.4 0.1 0.4 0. 1.1 0.2 0.8 0. 0.2 0.4 1.5 0. 0.3 0.3 0.2 0.	2 0.4 -0.6 -1.5 00 -0.6 0.3 0.2 16 1000 -0.1 0.2 3 -0.1 1000 -0.5 2 0.2 -0.5 1000	.22 -0.9 0.3 - 0.1 0.5 -0.0	0.1 2.5 -0. -0.0 -0.4 0.1 -0.1 -0.9 0.1	4 -1.1 -2.0	5.2 -0.3		0.1 0.0	-0.4 -0.1	-0.2 -0.4	0.0 0.2	0.2 -0.0	-0.0 -0.3 -0.3	-0.7 -0.6	-0.6 -0.6	-0.6 -0.6 -1.	2 -0.6 -0.0	-0.5 -0.4	0.0 -0.1	-0.0 -0.3	0.8 0.2	0.3 -0.2	-0.2 0.1	0.3 0.1
JER_6 -1 JER_7rexTerm 1. JES_Modeling1 -3	16	1 39 40 -0.1 1 00 00 09 9 12 00 1.1 7 -12 00 18 4 05 -00 1.1	1.4 -0.1 0.4 0.1 1.1 -0.2 -0.8 0.1 -0.2 -0.4 -1.5 0.1 -0.3 -0.3 -2.2 0.1	.6 100.0 -0.1 0.2 3 -0.1 100.0 -0.5 2 0.2 -0.5 100.0	0.5 -0.0	-0.1 -0.9 01		0.4 0.4	-0.2 -0.5	-0.0 0.2	-0.2 -1.2	0.1 0.5	05 07 1	0.1 -0.0	-0.1 -0.4 -0.4	1.0 0.8	-0.3 -0.3	0.8 0.8 1.1	0.8 0.0	-0.1 -4.6 -0.2 3.9	-1.0 0.2 -0.3 0.1	-10.6 0.4 -5.9 0.1	-2.1 1.2	1.6 -0.9	0 -0.1 -0.2	23 -0.1
JES_Modelling1 -s	10 00 00 00 00 00 00 00 00 00 00 00 00 0	1 00 00 00 03 0 0 0 0 0 0 0 0 0 0 0 0 0	1.1 -0.2 -0.8 0.1 -0.2 -0.4 -1.5 0.1 -0.3 -0.3 -2.2 0.1	3 -0.1 100.0 -0.5 2 0.2 -0.5 100.0	-0.5 -0.3		-0.8 -0.5	0.9 0.5	0.4 0.8	0.8 0.1	-0.3 -3.1	-0.0 -0.3	03 -08	0.1 0.0	0.2 0.6 0.7	1.3 0.9	0.9 0.9	0.9 0.9 2:	0.9 0.0	-1.5 2.4	-0.1 -0.2	43 -0.5	1.0 0.2	-1.8 -0.1	7 -0.7 0.1	-2.5 2.5
	32	9 12 00 1.1 7 -1.2 00 1.8 4 -0.5 -0.0 1.1	-0.2 -0.4 -1.5 0. -0.3 -0.3 -2.2 0.	2 02 -0.5 100.0		0.0 0.7 -0.0	-0.8 -0.8	-1.3 -0.2	-0.1 -0.3	0.5 -0.2	0.2 -0.4	-0.2 -0.3	0.2 0.2	0.3 -0.0	0.0 -0.2 -0.2	-0.4 -0.3	-0.3 -0.3	03 -03 -0	8 -0.3 0.0	-0.9 -3.0	-0.2 -0.1	-1.3 -0.5	0.6 0.4	0.3 -0.4	4 -0.4 -0.2	0.4 0.4
JET_EtaInt_Modelling .o	03 01 02 001 00 01 00 01 00 01 00 00 00 00 00 00	7 -1.2 0.0 1.8 4 -0.5 -0.0 1.1 8 1.1 -0.0 0.0	-03 -03 -22 0		-1.9 -0.6	-0.1 2.9 -0.	2 -0.9 -1.7	-4.7 -0.7	-0.4 -1.1	0.0 -0.1	-0.9 0.5	-0.2 -0.4	0.0 0.1	2.7 -0.1	-0.0 -0.8 -0.9	-2.2 -1.7	-1.71.7	-1.7 -1.7 -3:	6 -1.7 0.1	-1.3 -2.0	-0.6 -0.1	-8.4 -0.3	0.1 0.9	1.7 -0.4	-0.4 -0.1	23 -0.8
IET Francis Novellando Contratas	42 -0.0 -0.0 -0.0 -0.0 -0.0 0.1 -2.	8 1.1 -0.0 0.0		3 05 -0.5 -1.9	100.0 -0.8	-0.1 3.1 -0.2	3 -0.9 -2.0	-5.8 -0.6	-0.4 -1.1	-0.2 -0.1	0.5 1.6	-0.0 0.1	02 05 1	0.8 -0.2	0.0 -0.8 -0.9	-2.0 -1.4	-1.4 -1.4	1.4 -1.4 -3:	3 -1.4 0.2	-0.3 -2.5	-0.9 0.2	-10.4 0.2	-1.5 1.0	2.2 -0.7	-0.6 -0.3	3.0 -0.9
JET_Etalnt_NonClosure_2018data JET_Flavor_Composition 4	1.8 0.5 0.1 0.2 -0.0 0.1 -2		-0.0 -0.1 0.1 -0.	0 -0.1 0.0 -0.1	-0.1 -0.0	100.0 0.1 0.0	0.0 -0.1	-0.3 -0.0	-0.0 -0.0	-0.0 0.1	-0.2 -0.3	-0.0 -0.1	0.1 -0.1	0.0 0.0	-0.1 -0.0 -0.0	-0.1 -0.1	-0.1 -0.1	0.1 0.1 0.	2 -0.1 -0.0	0.0 1.1	-0.0 -0.0	-0.7 -0.0	0.0 -0.0	0.4 -0.6	0.0 0.0	-0.1 0.1
JET_Flavor_Response 1.		4 -1.6 0.0 -1.2	1.6 0.5 2.5 0	4 -0.9 0.7 2.9	3.1 0.9	0.1 100.0 0.5	0.9 2.4	7.9 1.4	0.9 2.3	0.5 0.2	3.0 -2.5	0.4 0.7	0.0 -0.2 -	1.0 0.2	-0.1 1.8 2.0	4.8 3.9	39 39	39 39 7.1	3.9 -0.1	3.2 4.7	1.0 0.2	14.2 0.8	-1.1 -1.5	3 -35 02	0.1 -0.1	-4.6 2.3
JET_JER_DataVsMC_MC16 2	23 0.1 0.1 0.1 -0.0 0.0 -0.	5 -1.2 -0.0 0.5	-0.4 0.0 -0.4 0.	1 03 -0.0 -0.2	-0.3 -0.1	0.0 0.5 100	0 0.1 -0.1	-0.8 0.0	0.0 0.0	-0.3 0.0	0.2 0.9	0.2 0.3	0.2 0.5	0.1 -0.0	0.1 0.0 0.0	0.1 0.1	0.1 0.1	0.1 0.1 0.2	0.1 0.1	0.2 -1.1	-0.2 0.1	-1.7 0.1	-0.5 0.3	0.2 -0.1	-0.1 0.3	0.2 0.1
JET_Pileup_OffsetMu -2	28 -02 -00 -02 01 -0.1 0	1 1.3 0.0 1.7	25 -0.3 -1.1 0.	1 -0.8 -0.8 -0.9	-0.9 -0.7	0.0 0.9 0.	100.0 -1.9	-2:3 0.0	0.1 0.1	1.2 -0.3	0.6 -2.4	-0.3 -0.5	03 02	0.7 -0.1	-0.0 0.1 0.1	0.3 0.2	0.2 0.2	0.2 0.2 0.3	0.2 0.1	-2.2 -4.7	-0.5 -0.2	-62 -0.7	1.1 1.2	-0.3 -1.3	-1.2 -0.1	-0.5 2.2
JET_Pileup_OffsetNPV .2 JET_Pileup_RhoTopology .2	24 -0.2 0.0 -0.2 0.0 -0.1 0.	2 08 00 41	-1.1 -0.8 -5.2 0	4 09 -1.3 -47	58 -2.1	-u.1 24 -0.	-1.9 100.0	-5.0 -0.3	-0.1 -0.4	0.8 -0.3	0.4 -1.3	-0.0 0.1	0.3 1.1	1.9 -0.4	-0.1 -0.3 -0.3	-0.7 -0.5 -4.8 -3.4	-0.5 -0.5	us -0.5 -1.	8 -3.4 0.4	-2.1 -3.5 -1.6 -5.0	-1.0 -0.1	-13.2 -0.4 -28.7 0.1	-0.4 1.3	0.8 -1.3	7 -1.7 -0.4	6.5 -1.5
Lumi -1	1.6 -0.2 -0.1 -0.1 0.0 -0.0 0.	7 05 00 -00	-03 -02 -03 0	4 05 -0.2 -0.7	-0.6 -0.1	-0.0 1.4 0.0	0.0 -0.3	-1.4 100	-0.4 -1.1	-0.1 -0.1	-1.3 0.9	-0.4 -0.6	0.1 -0.2	0.1 -0.0	0.0 -0.8 -1.0	-2.2 -1.8	-1.8 -1.8	-1.8 -1.8 -3.	6 -1.8 -0.1	-0.8 -1.4	0.1 -0.2	1.4 -0.4	12 -0.0	1.4 0.4	0.4 -0.1	1.9 -1.7
MEDIUM_taulD_1PGE40 -1	1.3 - 0.1 - 0.0 - 0.0 - 0.0 - 0.0 - 0.0	2 0.1 0.0 -0.0	-0.3 -0.1 -0.2 0.	3 0.4 -0.1 -0.4	-0.4 -0.0	-0.0 0.9 0.0	0.1 -0.1	-1.0 -0.4	100.0 -0.7	-0.1 -0.1	-0.7 0.7	-0.2 -0.3	0.0 -0.1	0.1 -0.0	0.0 -0.5 -0.6	-1.4 -1.1	4.1 4.1	-1.1 -1.1 -2.	3 -1.1 -0.0	-0.3 -0.8	0.1 -0.1	1.1 -0.1	0.6 -0.0	1.0 0.3	0.3 -0.1	1.4 -1.2
MEDIUM_tauID_SYST -0	0.7 -0.2 -0.1 -0.1 0.0 -0.0 0.	8 05 00 -00	-0.6 -0.3 -0.5 0	6 0.8 -0.3 -1.1	-1.1 -0.1	-0.0 2.3 0.0	0.1 -0.4	-2.5 -1.1	-0.7 100.0	-0.2 -0.2	-1.9 1.6	-0.8 -0.9	0.1 -0.2	0.2 -0.0	0.0 .1.4 -1.6	-3.6 -2.9	-3.0 -2.9	3.0 -3.0 -6	0 -3.0 -0.1	-1.0 -2.3	0.1 -0.2	2.3 -0.5	1.6 -0.0	2.5 0.6	0.7 -0.2	33 -30
MET_SoftTrk_ResoPerp 0.	27 0.1 0.1 0.2 -0.0 0.1 -0.	3 -1.8 -0.0 -0.3	.2.2 0.1 0.0 -0.	0.0 0.8 0.5 0.0	-0.2 0.1	-0.0 0.5 -0.	1.2 0.8	-0.5 -0.1	-0.1 -0.2	100.0 0.3	-0.3 2.6	0.4 0.6	0.0 0.5	0.2 -0.0	0.1 -0.1 -0.1	-0.5 -0.3	-0.3 -0.3	03 -03 -0	0.3 0.0	1.5 2.7	-0.1 0.2	-1.0 0.6	-1.5 -0.2	3.0 3.0	0.5 0.4	0.8 -1.1
MET_SoftTrk_ResoPerp 0.	36 -1.9 -1.1 -1.0 0.1 -0.7 10	1 11.7 0.0 -3.0	-1.9 -0.4 1.5 -0.	2 -0.3 0.2 -0.9	0.5 0.6	-0.2 3.0 0.2	0.6 0.4	03 -13	-0.7 -1.9	-0.3 0.4	100.0 -0.7	-0.9 -2.4	1.2 -1.8	0.0 0.1	-0.1 -1.5 -1.8	5.7 5.4	-0.1 -0.1	54 54 8	8 -5.4 -0.3	-6.7 2.8	0.5 -1.1	-2.0 -2:	7.9 0.3	0.5 1.	1.3 1.1	03 -1.7
TES_DETECTOR -2:	35 -0.7 -0.5 -0.8 0.1 -0.3 4.	2 10.2 0.0 -0.9	42 -0.1 1.3 -1.	2 -3.1 -0.4 0.5	1.6 0.1	-0.3 -2.5 0.5	-2.4 -1.3	3.1 0.9	0.7 1.6	2.6 -0.1	-0.7 100.0	-0.4 -1.2	0.6 -2.2	0.2 0.1	-0.5 1.3 1.4	3.2 2.3	23 23	23 23 51	2.3 -0.1	-3.9 1.8	0.2 -0.6	-3.4 -1.4	3.3 0.3	-3.9 -1.3	3 -1.3 -0.2	52 49
TES_INSITUEXP -0	0.7 -0.2 -0.1 -0.1 0.0 -0.0 0.	6 1.1 -0.0 -0.0	0.6 -0.2 0.1 0:	3 -00 -02 -02	-0.0 0.0	-0.0 0.4 0.2	-0.3 -0.1	-0.0 -0.4	-0.2 -0.6	0.4 -0.1	-0.9 -0.4	100.0 -0.7	0.1 -0.2	0.1 0.0	-0.0 -0.5 -0.5	-1.2 -1.1	4.1 4.1	4.1 -4.1 - 2.	1 -1.1 -0.1	-1.0 -1.3	0.3 -0.2	3.5 -0.5	1.70.1	0.5 0.2	0.2 -0.0	0.6 -0.7
TES_INSITUFIT -1	1.1 -0.5 -0.4 -0.3 0.1 -0.2 2/	6 35 0.0 -0.1	1.1 -0.4 0.5 0	4 -03 -03 -04	0.1 0.0	-0.1 0.7 0.5	-0.5 -0.2	0.1 -0.6	-0.3 -0.9	0.6 -0.0	-2.4 -1.2	-0.7 100.0	03 -04	0.2 0.1	-0.1 -0.6 -0.8	-1.9 -1.8	-1.8 -1.8	-1.8 -1.8 -3:	3 -1.8 -0.1	-2.3 -1.0	0.4 -0.5	3.8 -1.2	3.7 0.1	0.3 0.1	0.1 0.3	0.1 -0.1
TES_MODEL_CLOSURE -3 TES_PHYSICSLIST -8	3.1 -0.3 -0.2 -0.2 -0.0 -0.1 1/ 8.9 -0.4 -0.1 -0.4 -0.0 -2.1	1 49 00 -2*	-0.5 -0.0 0.5 -0.	13 -03 02 -0.0	0.2 0.2	-0.1 -0.0 0.3	03 0.2	0.3 -0.1	-0.0 -0.1	0.5 0.1	-1.2 -0.6	-0.1 -0.3	0.7 100.0	0.1 0.0	-0.1 -0.1 -0.1	-0.6 -0.6	-0.6 -0.6	0. 30. 30	8 -0.6 -0.0	-0.3 3.7	0.1 -0.1	-0.7 -0.2	0.5 -0.4	-0.1 0.3	0.2 -0.1	-0.1 -0.4
bag_B_0 -0	0.7 0.1 0.0 0.0 -0.0 0.0 -0.	4 -02 -00 -1.0	-0.6 0.2 0.7 -0	11 0.1 0.3 0.7	0.8 0.4	0.0 -1.0 0.	0.7 0.9	1.9 0.1	0.1 0.2	-0.2 0.1	0.0 0.2	0.1 0.2	0.1 -0.4 1	0.0	0.0 02 02	0.4 0.4	0.4 0.4	0.4 0.4 0.1	0.4 -0.1	0.9 1.8	0.3 0.1	45 0.2	-0.4 -0.7	7 -0.2 0.8	0.6 -0.2	-0.2 -0.8
diboson scale 0.	20 0.0 0.0 0.0 0.0 0.0 -0.	2 -0.2 -0.0 0.1	-0.1 -0.0 -0.2 -0.	0 0.0 -0.0 -0.1	-0.2 -0.1	0.0 0.2 -0.0	0 -0.1 -0.2	-0.4 -0.0	-0.0 -0.0	-0.0 -0.0	0.1 0.1	0.0 0.1	0.0 -0.0	2.0 100.0	0.0 -0.0 -0.0	-0.1 -0.0	-0.0 -0.0	0.0 -0.0 -0.	1 -0.0 0.0	0.1 -0.2	-0.1 0.0	-1.0 0.1	-0.3 0.0	0.2 -0.0	-0.0 -0.1	0.2 -0.1
tfH theory_uncer -6	88 -0.0 -0.0 -0.0 -0.0 -0.0 0.	7 1.1 0.0 -0.1	0.1 -0.0 0.1 -0	1.1 -0.2 0.0 -0.0	0.0 0.0	-0.1 -0.1 0.1	-0.0 -0.1	-0.0 0.0	0.0 0.0	0.1 0.0	-0.1 -0.5	-0.0 -0.1	0.1 -0.2	0.0 0.0	0.0 0.0	-0.0 -0.1	-0.0 -0.0	-0.0 -0.0 -0.	0 -0.0 -0.0	-0.0 0.9	0.0 -0.0	-0.5 -0.0	0.0 -0.1	-0.1 -0.0	-0.0 -0.0	-0.2 0.1
tauEveto_TOTAL -2	24 -0.1 -0.1 -0.1 0.0 -0.0 0.	6 04 00 -0.0	-0.5 -0.3 -0.4 0.5	5 06 -02 -08	-0.8 -0.1	-0.0 1.8 0.0	0.1 -0.3	-1.9 -0.8	-0.5 -1.4	-0.1 -0.1	-1.5 1.3	-0.5 -0.6	0.1 -0.2	0.2 -0.0	0.0 100.0 -1.2	-2.7 -2.2	-22 -22	22 -22 -4	5 -22 -0.1	-0.8 -1.7	0.1 -0.1	1.8 -0.4	1.2 -0.0	1.9 0.5	0.5 -0.2	25 -23
tauRecon_TOTAL -2 tauTrigger_STATDATA161718 -0	zz -0.2 -0.1 -0.1 0.0 -0.0 0. 0.5 -0.9 -0.4 -0.3 0.0 -0.3 4.	6 33 0.0 -0.1	-0.5 -0.7 -0.7 1/	0 13 -04 -22	-2.0 -0.2	-0.0 2.0 0.0	0.1 -0.3	-2.0 -1.0 -4.6 ,2.2	-0.5 -1.6 -1.4 -3.6	-0.1 -0.1	-1.8 1.4 -5.7 3.2	-0.5 -0.8	0.6 -0.7	2.4 -0.1	-0.0 -2.7 -3.1	100.0 -7.2	-2.5 -2.6 -7.2 -7.2	-26 -26 -5. -72 -72 -13	4 -72 -03	-3.4 -1.5	0.2 -0.6	0.6 -1.5	1.6 -0.0	2.1 0.6	1.3 -0.3	28 -25 58 -53
tauTrigger_STATDATA2018	0 09 05 03 01 04 4	9 38 -0.0 -0.5	-1.1 -0.6 -0.3 0	8 09 -0.3 -1.7	-1.4 -0.1	-0.1 3.9 0.	02 -0.5	-3.4 -1.8	-1.1 -2.9	-0.3 -0.1	-5.4 2.3	-1.1 -1.8	30- 30	0.4 -0.0	-0.1 -2.2 -2.6	-7.2 100.0	-63 -63	63 -63 -11	4 -63 -03	-3.6 -0.8	0.2 -0.7	0.1 -1.6	4.6 -0.0	3.2 1.0	1.0 -0.0	42 -39
tauTrigger_STATMC161718 1.	2 -1.0 -0.5 -0.3 0.1 -0.4 4:	9 3.7 -0.0 -0.5	-1.1 -0.6 -0.3 0	8 0.9 -0.3 -1.7	-1.4 -0.1	-0.1 3.9 0.	02 -0.5	-3.4 -1.8	-1.1 -3.0	-0.3 -0.1	-5.4 2.3	-1.1 -1.8	30- 30	0.4 -0.0	-0.0 -2.2 -2.6	.72 -63	100.0 -6.3	63 -63 -11	4 -63 -03	-3.6 -0.9	0.2 -0.7	0.2 -1.6	4.6 -0.0	3.2 1.0	1.0 -0.0	42 -39
tauTrigger_STATMC2018 1.	2 -1.0 -0.5 -0.3 0.1 -0.4 4.	9 3.7 0.0 -0.5	-1.1 -0.6 -0.3 0	8 09 -0.3 -1.7	-1.4 -0.1	-0.1 3.9 0.1	0.2 -0.5	-3.4 -1.8	-1.1 -2.9	-0.3 -0.1	-5.4 2.3	-1.1 -1.8	0.6 -0.6	0.4 -0.0	-0.0 -2.2 -2.6	-7.2 -6.3	-6.3 100.0	63 -63 -11	4 -63 -03	-3.6 -0.9	0.2 -0.7	0.2 -1.6	4.6 -0.0	3.2 1.0	1.0 -0.0	4.2 -3.9
tauTrigger_SYST161718 1.	2 .09 .05 .03 .01 .04 .41	9 38 00 05	-1.1 -0.6 -0.3 0.	8 09 -03 -1.7	-1.4 -0.1	-0.1 3.9 0.	02 -05	-3.4 -1.8	-1.1 -3.0	-0.3 -0.1	54 23	-1.1 -1.8	05 -05	0.4 -0.0	.00 .22 .28	72 63	63 63	63 1000 ***	4 63 03	-36 -09	0.3 -0.7	0.2 -1.6	4.6 -0.0	3.2 1.0	1.0 -0.0	42 -39
tauTrigger_SYSTMU161718 .2	21 -14 -08 -05 01 -05 6	6 47 -0.0 -0.4	-2.0 -1.2 -1.3 1	8 22 -0.8 -3.6	33 -0.4	-0.2 7.8 0.2	0.2 -1.3	-7.6 -3.6	-23 -6.0	-0.5 -0.3	-8.8 5.0	21 -33	0.8 -1.0	2.8 -0.1	-0.0 -4.5 -5.2	-13.4 -11.4	-11.4 -11.4 -	114 -114 100	0 -11.4 -0.4	-5.6 -4.3	0.4 -1.0	3.0 -2.6	7.6 -0.0	72 12	2.1 -0.4	95 85
tauTrigger_SYSTMU2018 1.	2 -09 -05 -03 -01 -04 -4	9 38 -0.0 -0.5	-1.1 -0.6 -0.3 0	8 0.9 -0.3 -1.7	-1.4 -0.1	-0.1 3.9 0.1	02 -0.5	-3.41.8	-1.13.0	-0.3 -0.1	-5.4 2.3	-1.1 -1.8	0.6 -0.6	0.4 -0.0	-0.0 -2.2 -2.6	-72 -63	-63 -63	63 -63 -11	4 100.0 -0.3	-3.6 -0.9	0.3 -0.7	0.2 -1.6	4.6 -0.0	3.2 1.0	1.0 -0.0	42 -39
top FSR -0	0.2 -0.0 -0.0 -0.0 0.0 -0.0 0.	2 02 00 -02	0.0 -0.0 0.2 0.	0 0.0 0.0 0.1	0.2 0.1	-0.0 -0.1 0.	0.1 0.2	0.4 -0.1	-0.0 -0.1	0.0 -0.0	-0.3 -0.1	-0.1 -0.1	0.0 -0.1	0.1 0.0	-0.0 -0.1 -0.1	-0.3 -0.3	-0.3 -0.3	-0.3 -0.3 -0.	4 -0.3 100.0	-0.1 0.1	0.2 -0.1	1.8 -0.1	0.5 -0.1	0.0 0.2	0.2 0.0	0.1 -0.3
only τ_{adv} real modelling -2	29 -1.6 -0.9 -1.0 0.2 -0.7 8	4 108 00 04	22 -0.5 -0.1 -0.	9 24 20 00	-03 -03	0.0 3.2 0.2	-2.2 -2.1	-1.6 -0.8	-0.3 -1.0	1.5 -0.3	-6.7 -3.9	-1.0 -2.3	0.3 -1.1	0.9 0.1	-0.0 -0.8 -1.0	-3.4 -3.6	-3.6 -3.6	38 38 5	8 -3.6 -0.1	100.0 -5.4	-0.4 -1.4	-12.5 -3.5	8.6 1.6	-0.8 -0.6	-0.5 0.9	-1.5 2.4
uFSR 13	17 -0.0 0.1 0.0 0.0 -0.0 -0.	0 -02 -0.0 0.7	-03 0.0 -1.0 -0.	3 -0.1 -0.2 -0.6	0.9 -0.4	-0.0 1.0 -0.	2 -0.5 -1.0	-2.3 0.1	0.1 0.1	-0.1 -0.0	0.5 0.2	0.3 0.4	0.1 0.2	2.3 -0.1	0.0 0.1 0.2	0.2 0.2	0.2 0.2	03 02 0	0.3 0.2	-0.4 -0.4	100.0 0.1	-8.8 0.2	-1.3 0.6	0.1 -0.0	5 -0.5 -0.1	02 07
g PDF 0.	04 -03 -02 -0.1 00 -0.1 1	4 1.5 -0.0 -0.0	0.5 -0.1 0.2 0.	.1 -0.2 -0.1 -0.1	0.2 0.0	-0.0 0.2 0.	-0.2 -0.1	03 -02	-0.1 -0.2	0.2 -0.0	-1.1 -0.6	-0.2 -0.5	0.1 -0.1	0.1 0.0	-0.0 -0.1 -0.2	-0.6 -0.7	-0.7 -0.7	0.7 -0.7 -1.	0 -0.7 -0.1	-1.4 -0.7	0.1 100.0	0.6 -0.6	1.8 0.2	-0.2 -0.0	-0.0 0.3	-0.4 0.4
fiPS 1.	18 - 240.11.0 - 0.21.2 - 13	2 18.00.0 4.6	-4.8 -0.0 -10.6 -5.	9 43 13 84	-10.4 -4.5	-0.7 14.2 -1.	7 -62 -133	28.7 1.4	1.1 2.3	-1.0 0.7	-2.0 -3.4	35 38	0.7 -0.9	4.5 -1.0	-0.5 1.8 2.2	0.6 0.1	0.2 0.2	0.2 0.2 3.0	0.2 1.8	-12.5 12.0	-8.8 0.6	100.0 -0.1	-10.7 8.1	-1.6 .7.1	.7.2 -0.4	-1.7 12.6
triscale 0.	18 -0.7 -0.4 -0.4 0.1 -0.3 3:	3 36 -0.0 0.1	1.2 -0.3 0.4 0.	2 -05 -03 -03	0.2 -0.0	-0.0 0.8 0.	-0.7 -0.4	02 -0.4	-0.2 -0.5	0.6 -0.0	-2.7 -1.4	-0.5 -1.2	02 -02	0.3 0.1	-0.0 -0.4 -0.5	-1.5 -1.6	-1.6 -1.6	-1.6 -1.6 -2	6 -1.6 -0.1	-3.5 -2.0	0.2 -0.6	-0.1 100.0	4.2 0.6	-0.4 -0.2	-0.1 0.7	-0.9 1.1
ti hdamp -1 211 scale -0	1.9 1.7 1.2 0.9 0.2 0.7 8. 0.6 0.2 0.0 0.0 0.0 0.0 0.0 0.0	1 01 00 -17	-0.1 0.8 -2.1 -1. -0.8 0.2 1.2 -0	10 08 01	1.0 0.6	-0.0 -1.5 01	1.1 -0.4	28 .00	-0.6 1.6	-0.2 -0.0	0.3 0.3	0.1 0.1	0.4 -0.9	0.7 0.0	-0.1 -0.00.0	-0.1 -0.0	-0.0 -0.0	0.0 0.0 0.0	4.5 0.5	1.6 3.8	0.6 02	8.1 04	-0.8		3 -0.4 -2.2	
211 α,	1.8 -0.3 -0.3 -0.2 0.0 -0.2 2.0	0 28 0.0 -0.4	1.7 0.3 1.6 -0.	19 -18 03 1.7	2.2 0.4	-0.0 -3.5 0.2	-0.3 0.8	4.8 1.4	1.0 2.5	0.6 0.3	0.5 -3.9	0.5 0.3	0.1 0.0	0.2 0.2	-0.1 1.9 2.1	4.4 3.2	3.2 3.2	3.2 3.2 7.	3.2 0.0	-0.8 3.5	0.1 -0.2	-1.6 -0.4	1.0 0.2	100.0 -0.5	9 -0.9 1.0	
281 CT14 pdf 0.	1.8	5 -0.3 0.0 1.9	1.7 -0.2 -0.9 -0.	0 -0.7 -0.4 -0.4	-0.7 -0.6	-0.0 0.2 -0.	1 -13 -13	-1.7 0.4	0.3 0.6	0.6 0.0	1.4 -1.3	0.2 0.1	03 08	0.0 - 3.0	-0.0 0.5 0.6	1.2 1.0	1.0 1.0	1.0 1.0 1.1	1.0 0.2	-0.6 -1.5	-0.5 -0.0	-7.1 -0.1	-0.3 1.1	-0.9 100	-1.4 0.4	-1.4 2.9
211 MMHT pdf	0.1 • -0.0 • -0.0 • -0.0 • 0.0 • -0.1 • -0.	3 0.4 -0.0 1.9	1.6 -0.2 -0.9 -0	.1 -0.7 -0.4 -0.4	-0.6 -0.6	-0.0 0.1 -0.	1 -12 -12	-1.7 0.4	0.3 0.7	0.5 0.0	13 -13	0.2 0.1	02 07	0.0 - 0.0	-0.0 0.5 0.6	1.3 1.0	1.0 1.0	1.0 1.0 2.	1.0 0.2	-0.5 -1.1	-0.5 -0.0	-7.2 -0.1	-0.4 1.2	-0.9 -1.4	100.0 0.4	-1.4 2.9
211 PDF -0	0.4 0.1 0.2 -0.0 -0.0 -0.0 -0.0 0.8 -0.4 -0.5 -0.2 0.1 -0.3 3:	7 -0.1 -0.0 -0.8	0.1 0.1 -0.4 -0.	2 01 -02 -0.1	03 00	0.0 -0.1 0.5	0.1 -0.4	-0.4 -0.1	-0.1 -0.2	0.4 0.4	1.1 -0.2	-0.0 0.3	0.1 -1.0 -	0.2 -0.1	-0.0 -0.2 -0.2	-0.3 -0.0	-0.0 -0.0	00 -00 -0	-0.0 0.0	0.9 -0.1	0.1 0.3	-0.4 0.7	-22 -13	1.0 0.4	0.4 100.0	1.7 -2.1
211 clds -0 - 211 qsf -1	1.8 0.4 0.4 0.1 -0.1 0.3 -2	5 -25 -00 -29	4.0 0.1 -0.1 0.	7 25 04 08	0.9 0.6	0.1 2.3 0.	22 1.1	-1.5 -1.7	-1.2 -3.0	-1.1 -0.3	-1.7 4.9	-0.7 -0.1	0.4 -1.7	0.8 -0.1	0.1 -2.3 -2.5	53 39	39 39	39 39 8	4.2 0.1	24 -0.2	0.7 0.4	12.6 1.1	-1.6 -2.2	2 53 25	-1.4 1.7	7.8
_																										
•	II FFRP, "prong_thin0_selbin1 FFRP, "prong_thin1_selbin1 FFRP, "prong_thin1_selbin1 FFRP, "prong_thin1_selbin0, selbin1 FFRP, "prong_thin1_selbin0, selbin0 FFRP, "prong_thin0_selbin0, selbin0	FFNP_OS_CR HEBR		JER_Treatferm	JET_Etaint_Modeling NonClosure_2018date	JET_Bave_Composition JET_Bave_Response	Offsethu	o Tepdagy Lumi	P GE40	ResoPara ResoPerp	PRW TES_DETECTOR	TES_INSITUE XP	SICSLIST	dhosan scale	tauEveto_TOTAL tauRecon_TOTAL	FA161718 ATA2018	AC161718 TAC2018	tauTrigger_SYST161718 tuTrigger_SYST2018 tauTrigger_SYST2018	TMU2018 top FSR	modeling dFSR	disR dPOF	decate	thdamp zt scale	zt s, CT14pd	att MAHT pd	att dk
	II FFNP_'sprong_tabho_eabho FFNP_'sprong_tabho_eabho FFNP_'sprong_tabho_eabho FFNP_'sprong_tabho_eabho FFNP_'sprong_tabho_eabho FFNP_'sprong_tabho_eabho	ž.		JER.	JET_Baint_Modeling NonClosure_2018/see	JET_Paver_Comp JET_Paver_Res IT_JER_DesaveAC	JET_Pleup_Offset&	JET_Phup_PhoTopdog	MEDIUM_BulD_IP GE40 MEDIUM_bulD_SYST	MET_Soffirk_ResoPan MET_Soffirk_ResoPan	TES.DE	TES_IN	MODEL_CLOSURI	qp	tauEvet.	uTrigger_STATDATA161718 tauTrigger_STATDATA2018	tauTrigger_STATIAC161718 tauTrigger_STATIAC2018	tauTrigger_SYST161716 tauTrigger_SYST2016 firloom SYSTMU16171716	tauTrigger_SYSTIAU2011 top PSP	8 4				Ñ	Ħ	
	FFNP_shong_ FFNP_shong_ FFNP_shong_				JE.	JET.	H 14	E,	MEDIL	MET			M SE			Trigger_:	tau Trigge tau Trige	tauTri tauTrisoer	ghTus	ordy						
	* * * * * *				JET_B	=										i i	-	2								