	_shape_E_ggf_16_dEta_1_	_shape_E_ggf_16_dEta_1_	_shape_E_ggf_16_dEta_2_	alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_2	alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_1	_shape_E_ggf_16	-	_shape_E_vbf1_dEta_2	_shape_N_ggf_16_dEta_1_	_shape_N_ggf_16_	_shape_N_ggf_16_dEta_2_	alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_2 -	_shape_N_ggf_16_dEta_3_	alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_2	_shape_N_	alpha_CR12_shape_N_vbf1_dEta_2	_shape_S_	alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_2	alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_1	alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_2	alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_1	alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_2	alpha_CR12_shape_S_vbf1_dEta_1	alpha_CR12_shape_S_vbf1_dEta_2	_shape_W_ggf_16_dEta_1_	_shape_W_ggf_16_dEta_1_>	_snape_w_ggi_1b_d⊑ta_z_xnn 	_shape_W_ggt_16_dEta_2_		_shape_W_ggt_16_dEta_	alplia_On12_sliape_w_vbl1_dEta_1 - olpha CB12 shapa W_vbf_1_dEta_2		_ggr16_dEta_1_	_ggito_dEta_t	_ggiio_d⊏ta_∠_	-16_dEta_2_ 16_dEta_3	_ggiio_d⊏ia_3_Xnn 	alpha_NC_3b1f_ggf_16_dEta_3_Xhh_2 mu	
mu	-0.00 -	-0.00	-0.00	0.00	-0.00	-0.00	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	0.01	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.01	0.00	-0.00	0.00	0.00	.00 0	.00 -0	.00 0	.00 0	00 -0.	.00 -0	0.00	.00 -0	.00 0	.00 0.0	.00 0	.00 1.00	0
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_2	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	-0.00	0.00 -	0.00 0	.00 -0	0.00	.00 -0	0.00	.00 -0.	.00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 1	0.00	0
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_1	-0.00 -	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00 -	-0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 1.0	.00 -0	0.00	0
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_2	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 0	.00 0.	.00 0.	.00 1	.00 -0.	.00 -0	0.00	0
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	0.00	0.00 -	0.00	0.00 -	-0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00	.00 0	0.00	00 0	.00 0	00 -0.	.00 -0	.00 -0	.00 1.	.00 0	.00 0.0	.00 0	0.00	00
alpha_NC_3b1f_ggf_16_dEta_1_Xhh_2	-0.00 -	-0.00	-0.00	-0.00	0.00	-0.00 -	0.00	-0.00 -	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -0	.00 0	0.00 0	00 0	.00 0	00 -0.	.00 -0	0.00 1	.00 -0	.00 0	.00 0.0	.00 0	0.00	10
alpha_NC_3b1f_ggf_16_dEta_1_Xhh_1	-0.00 -	-0.00	-0.00	-0.00	-0.00	-0.00 -	0.00	0.00 -	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 1	.00 -0	.00 -0	.00 0	.00 -0.	.00 -0	0.00 -0.00	0
alpha_CR12_shape_W_vbf1_dEta_2	0.00	0.00	0.00	0.00	0.00	0.00 -	0.00	0.00	0.00	0.00	0.00 -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00 0	0.00 0.	00 0	.00 0	00 1.	00 0	.00 -0	.00 -0	.00 0	.00 0.0	.00 -0	0.00 -0.00	00
alpha_CR12_shape_W_vbf1_dEta_1	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00 -	0.00	-0.00 -	-0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 0	.00 -0	0.00	.00 -0	0.00 1	00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_W_ggf_16_dEta_3_Xhh_2	-0.00 -	-0.00	-0.00	0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.00 1	.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_W_ggf_16_dEta_3_Xhh_1	-0.00 -	-0.01	-0.00 -	-0.00	-0.01	-0.00 -	0.00	0.00 -	-0.00	-0.01	-0.00 -	0.00	-0.01 -	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 1.	00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_W_ggf_16_dEta_2_Xhh_2	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.00	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 0	.00 1	.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_W_ggf_16_dEta_2_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00 1	.00 0	.00 -0	.00 -0	0.00	00 0.	00 -0	0.00 -0	.00 -0	.00 0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_W_ggf_16_dEta_1_Xhh_2	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.01	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00	1.00 0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_W_ggf_16_dEta_1_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	1.00 -	0.00 -0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 -0	.00 -0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_S_vbf1_dEta_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00 -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	.00 0	0.00	00 0	.00 0	00 0.	00 0	.00 -0	.00 -0	.00 0	.00 0.0	.00 -0	0.00 -0.00	00
alpha_CR12_shape_S_vbf1_dEta_1	-0.00 -	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	1.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00 -0	.00 -0	.00 -0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_2	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	1.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00 -0	.00 -0	.00 -0	.00 -0.	.00 -0	0.00 -0.01)1
alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_1	-0.00 -	-0.01	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.01	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	1.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.00 -0	0.00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_2	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	1.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	.00 0	.00 -0	.00 0	.00 0	00 0.	00 -0	0.00 -0	.00 -0	.00 0	.00 0.0	.00 0	0.00	00
alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	0.00 -	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	1.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	.00 0	.00 -0	.00 0	.00 0	00 0.	00 -0	0.00 -0	.00 -0	.00 0	.00 0.0	.00 0	0.00	00
alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_2	-0.00 -	-0.01	-0.00 -	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	1.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00	.00 -0	.00 0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	1.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	.00 -0	.00 -0	.00 0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_N_vbf1_dEta_2	0.00	0.00	0.00	0.00	0.00	0.00 -	0.00	0.00	0.00	0.00	-0.00 -	0.00	0.00	0.00	-0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00 0	.00 0.	00 0	.00 0	00 0.	00 0	.00 -0	.00 0.	.00 -0	.00 0.0	.00 -0	0.00 -0.00	00
alpha_CR12_shape_N_vbf1_dEta_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	-0.00 -	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	1.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00	.00 -0	.00 -0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_2	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00 -	0.00	-0.00	1.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 0.01	1
alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_1	-0.00 -	-0.01	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00 -	-0.00	-0.01	-0.00 -	0.00	1.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.01 -0	0.00	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_2	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	-0.00	1.00	-0.00 -	-0.00	0.00	-0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	0.00 -	0.00 0	.00 -0	0.00	.00 -0	0.00	.00 -0.	.00 0	.00 0.	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_1	-0.00 -	-0.00	0.00	0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	1.00 -	0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	-0.00	0.00	-0.00	-0.00	0.00 -	0.00 0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 0	.00 0.	.00 0.	.00 -0	.00 -0.	.00 -0	0.00	0
alpha_CR12_shape_N_ggf_16_dEta_1_Xhh_2	-0.00 -	-0.01	-0.00 -	-0.00	-0.01	-0.00	0.00	0.00	-0.00	1.00	-0.00 -	0.00	-0.01	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.01	-0.00	-0.00	0.00	0.00 -	0.01 -0	.00 -0	0.00	.01 -0	0.00	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_N_ggf_16_dEta_1_Xhh_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00 -	0.00	0.00	1.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00 -0	.00 -0	.00 0.	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_E_vbf1_dEta_2	0.00	0.00	0.00	0.00	0.00	0.00 -	0.00	1.00	0.00	0.00	-0.00 -	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	.00 0	0.00	00 0	.00 -0	.00 0.	00 0	.00 -0	.00 0.	.00 -0	.00 0.0	.00 -0	0.00 -0.00	00
alpha_CR12_shape_E_vbf1_dEta_1	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	-0.00	1.00	-0.00 -	-0.00	-0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 -0.	.00 -0	0.00	.00 -0	.00 0	.00 -0.	.00 0	0.00	0
alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_2	-0.00 -	-0.00	-0.00 -	-0.00	-0.00	1.00 -	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00	.00 -0	0.00	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_1	-0.00	-0.01	-0.00	-0.00	1.00	-0.00	0.00	0.00	-0.00	-0.01	-0.00 -	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.01 -0).00 -0	.00 0.	00 -0	0.00	.00 0.	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_2	-0.00	-0.00	-0.00	1.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	.00 0	0.00 -0	.00 0	.00 0	00 0.	00 -0	0.00 -0	.00 -0	.00 0	.00 0.0	.00 0	0.00	0
alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_1	-0.00	-0.00	1.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	.00 0	.00 -0	.00 -0	0.00	00 0.	00 -0	0.00 -0	.00 -0	.00 0	.00 -0.	.00 0	0.00	10
alpha_CR12_shape_E_ggf_16_dEta_1_Xhh_2	-0.01	1.00	-0.00	-0.00	-0.01	-0.00	0.00	0.00	-0.00	-0.01	-0.00	0.00	-0.01	-0.00	-0.00	0.00	-0.00	-0.01	-0.00	-0.00	-0.01	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0	0.00 -0	.01 -0	0.00 -0	.00 0.	00 -0	0.00 -0	.00 -0	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00
alpha_CR12_shape_E_ggf_16_dEta_1_Xhh_1	1.00	-0.01	-0.00	-0.00	-0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	0.00 -	0.00 -0	.00 -0).00 -0	.00 -0).00 -0	.00 0.	00 -0	0.00 -0	.00 -0	.00 -0	.00 -0.	.00 -0	0.00 -0.00	00