

Interpretation	n_{POI}	$H \rightarrow \gamma\gamma$, STXS	$H \rightarrow ZZ \rightarrow 4\ell$, STXS	$H \rightarrow WW \rightarrow \ell\nu\ell\nu$, STXS	$H \rightarrow \tau\tau$, STXS	$H \rightarrow \tau\tau$, incl.	$H \rightarrow b\bar{b}$ boosted, STXS	$H \rightarrow b\bar{b}$ boosted, incl.	VBF ($H \rightarrow b\bar{b}$), incl.	VH ($H \rightarrow b\bar{b}$), STXS	$t\bar{t}H$ ($H \rightarrow b\bar{b}$), STXS	$t\bar{t}H$ ($H \rightarrow b\bar{b}$), incl.	$t\bar{t}H$ ($H \rightarrow \text{leptons}$), STXS	$H \rightarrow \mu\mu$, incl.	$H \rightarrow Z\gamma$, incl.	$H \rightarrow \text{inv. incl.}$	Offshell $H \rightarrow ZZ \rightarrow 4\ell$	Add. Mat.
Signal strength (inclusive)	1	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Signal strength (production)	6	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Signal strength (decay)	7	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Signal strength (production-times-decay)	31	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Cross section (STXS stage 0)	7	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			✓
Cross section (STXS stage 1.2)	32	✓	✓	✓	✓		✓			✓	✓		✓					✓
Cross section with branching fraction ratios (STXS stage 0)	13	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Cross section with branching fraction ratios (STXS stage 1.2)	36	✓	✓	✓	✓		✓			✓	✓		✓					
Signal strength (STXS stage 0)	7	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			✓
Signal strength (STXS stage 1.2)	32	✓	✓	✓	✓		✓			✓	✓		✓					✓
Signal strength with branching fraction ratios (STXS stage 0)	13	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			✓
Signal strength with branching fraction ratios (STXS stage 1.2)	36	✓	✓	✓	✓		✓			✓	✓		✓					✓
Signal strength with cross section times branching fractions (mix)	97	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
Resolved coupling modifiers	6	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Effective coupling modifiers ($\mathcal{B}_{\text{BSM}} = 0$)	9	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Effective coupling modifiers ($\mathcal{B}_{\text{inv.}}, \mathcal{B}_{\text{undet.}}$ floating)	11	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓		
Offshell coupling model ($\mathcal{B}_{\text{inv.}}, \mathcal{B}_{\text{undet.}}$ floating)	11	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	
Ratios of coupling modifiers	8	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓	✓			
Higgs self-coupling, κ_λ (κ_V and κ_F fixed)	1	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
Higgs self-coupling, κ_λ (κ_V and κ_F floating)	3	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
Higgs self-coupling, κ_λ -vs- κ_V (2D)	2	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
Higgs self-coupling, κ_λ -vs- κ_F (2D)	2	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
SMEFT, one-POI-at-a-time, linear	1 (x43)	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
SMEFT, one-POI-at-a-time, lin+quad	1 (x43)	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			
SMEFT, multiple POIs (PCA), linear	17	✓	✓	✓	✓		✓		✓	✓	✓		✓	✓	✓			