

Model parameters	Table in Ref. [169]	Parameter	Best-fit result		Comment
			68% CL	95% CL	
$\kappa_Z, \lambda_{WZ} (\kappa_f=1)$	—	$\lambda_{WZ}$	$0.94^{+0.22}_{-0.18}$	[0.61, 1.45]	$\lambda_{WZ} = \kappa_W / \kappa_Z$ from ZZ and 0/1-jet WW channels.
$\kappa_Z, \lambda_{WZ}, \kappa_f$	44 (top)	$\lambda_{WZ}$	$0.92^{+0.14}_{-0.12}$	[0.71, 1.24]	$\lambda_{WZ} = \kappa_W / \kappa_Z$ from full combination.
$\kappa_V, \kappa_f$	43 (top)	$\kappa_V$	$1.01^{+0.07}_{-0.07}$	[0.87, 1.14]	$\kappa_V$ scales couplings to W and Z bosons.
		$\kappa_f$	$0.87^{+0.14}_{-0.13}$	[0.63, 1.15]	$\kappa_f$ scales couplings to all fermions.
$\kappa_V, \lambda_{du}, \kappa_u$	46 (top)	$\lambda_{du}$	$0.99^{+0.19}_{-0.18}$	[0.65, 1.39]	$\lambda_{du} = \kappa_u / \kappa_d$ , relates up-type and down-type fermions.
$\kappa_V, \lambda_{\ell q}, \kappa_q$	47 (top)	$\lambda_{\ell q}$	$1.03^{+0.23}_{-0.21}$	[0.62, 1.50]	$\lambda_{\ell q} = \kappa_\ell / \kappa_q$ , relates leptons and quarks.
$\kappa_W, \kappa_Z, \kappa_t$ $\kappa_b, \kappa_\tau, \kappa_\mu$	Extends 51	$\kappa_W$	$0.95^{+0.14}_{-0.13}$	[0.68, 1.23]	Up-type quarks (via t). Down-type quarks (via b). Electron and tau lepton (via $\tau$ ). $\kappa_\mu$ scales the coupling to muons.
		$\kappa_Z$	$1.05^{+0.16}_{-0.16}$	[0.72, 1.35]	
		$\kappa_t$	$0.81^{+0.19}_{-0.15}$	[0.53, 1.20]	
		$\kappa_b$	$0.74^{+0.33}_{-0.29}$	[0.09, 1.44]	
		$\kappa_\tau$	$0.84^{+0.19}_{-0.18}$	[0.50, 1.24]	
		$\kappa_\mu$	$0.49^{+1.38}_{-0.49}$	[0.00, 2.77]	
$M, \epsilon$	Ref. [202]	$M$ (GeV)	$245 \pm 15$	[217, 279]	$\kappa_f = v \frac{m_f^\epsilon}{M^{1+\epsilon}}$ and $\kappa_V = v \frac{m_V^{2\epsilon}}{M^{1+2\epsilon}}$ (Section 7.4)
		$\epsilon$	$0.014^{+0.041}_{-0.036}$	[-0.054, 0.100]	
$\kappa_g, \kappa_\gamma$	48 (top)	$\kappa_g$	$0.89^{+0.11}_{-0.10}$	[0.69, 1.11]	Effective couplings to gluons (g) and photons ( $\gamma$ ).
		$\kappa_\gamma$	$1.14^{+0.12}_{-0.13}$	[0.89, 1.40]	
$\kappa_g, \kappa_\gamma, \text{BR}_{\text{BSM}}$ with H(inv) searches	48 (middle)	$\text{BR}_{\text{BSM}}$	$\leq 0.14$	[0.00, 0.32]	Allows for BSM decays.
	—	$\text{BR}_{\text{inv}}$	$0.03^{+0.15}_{-0.03}$	[0.00, 0.32]	H(inv) use implies $\text{BR}_{\text{undet}} = 0$ .
with H(inv) and $\kappa_i = 1$	—	$\text{BR}_{\text{inv}}$	$0.06^{+0.11}_{-0.06}$	[0.00, 0.27]	Assumes $\kappa_i = 1$ and uses H(inv).
$\kappa_{gZ}$ $\lambda_{WZ}, \lambda_{Zg}, \lambda_{bZ}$ $\lambda_{\gamma Z}, \lambda_{\tau Z}, \lambda_{tg}$	50 (bottom)	$\kappa_{gZ}$	$0.98^{+0.14}_{-0.13}$	[0.73, 1.27]	$\kappa_{gZ} = \kappa_g \kappa_Z / \kappa_H$ , i.e. floating $\kappa_H$ .
		$\lambda_{WZ}$	$0.87^{+0.15}_{-0.13}$	[0.63, 1.19]	$\lambda_{WZ} = \kappa_W / \kappa_Z$ .
		$\lambda_{Zg}$	$1.39^{+0.36}_{-0.28}$	[0.87, 2.18]	$\lambda_{Zg} = \kappa_Z / \kappa_g$ .
		$\lambda_{bZ}$	$0.59^{+0.22}_{-0.23}$	$\leq 1.07$	$\lambda_{bZ} = \kappa_b / \kappa_Z$ .
		$\lambda_{\gamma Z}$	$0.93^{+0.17}_{-0.14}$	[0.67, 1.31]	$\lambda_{\gamma Z} = \kappa_\gamma / \kappa_Z$ .
		$\lambda_{\tau Z}$	$0.79^{+0.19}_{-0.17}$	[0.47, 1.20]	$\lambda_{\tau Z} = \kappa_\tau / \kappa_Z$ .
		$\lambda_{tg}$	$2.18^{+0.54}_{-0.46}$	[1.30, 3.35]	$\lambda_{tg} = \kappa_t / \kappa_g$ .
$\kappa_V, \kappa_b, \kappa_\tau$ $\kappa_t, \kappa_g, \kappa_\gamma$	Similar to 50 (top)	$\kappa_V$	$0.96^{+0.14}_{-0.15}$	[0.66, 1.23]	Down-type quarks (via b). Charged leptons (via $\tau$ ). Up-type quarks (via t).
		$\kappa_b$	$0.64^{+0.28}_{-0.29}$	[0.00, 1.23]	
		$\kappa_\tau$	$0.82^{+0.18}_{-0.18}$	[0.48, 1.20]	
		$\kappa_t$	$1.60^{+0.34}_{-0.32}$	[0.97, 2.28]	
		$\kappa_g$	$0.75^{+0.15}_{-0.13}$	[0.52, 1.07]	
with $\kappa_V \leq 1$ and $\text{BR}_{\text{BSM}}$ with $\kappa_V \leq 1$ and H(inv) with $\kappa_V \leq 1$ , H(inv), $\text{BR}_{\text{inv}}$ , and $\text{BR}_{\text{undet}}$	—	$\text{BR}_{\text{BSM}}$	$\leq 0.34$	[0.00, 0.57]	Allows for BSM decays.
		$\text{BR}_{\text{inv}}$	$0.17 \pm 0.17$	[0.00, 0.49]	H(inv) use implies $\text{BR}_{\text{undet}} = 0$ .
		$\text{BR}_{\text{inv}}$	$0.17 \pm 0.17$	[0.00, 0.49]	Separates $\text{BR}_{\text{inv}}$ from $\text{BR}_{\text{undet}}$ .
		$\text{BR}_{\text{undet}}$	$\leq 0.23$	[0.00, 0.52]	$\text{BR}_{\text{BSM}} = \text{BR}_{\text{inv}} + \text{BR}_{\text{undet}}$ .