

Analysis	$f_{ai}$		Observed ( $\times 10^{-3}$ )	Expected ( $\times 10^{-3}$ )	
HVV Approach 1	$f_{a2}$	best fit	0.5	0.0	
		68% CL	[−0.8, 3.5]	[−1.4, 1.3]	
		95% CL	[−5.7, 12.0]	[−5.2, 6.1]	
	$f_{a3}$	best fit	0.9	0.0	
		68% CL	[−2.7, 4.1]	[−0.7, 0.7]	
		95% CL	[−553.0, 561.0]	[−2.8, 2.9]	
	$f_{\Lambda 1}$	best fit	−0.2	0.0	
		68% CL	[−0.5, 0.0]	[−0.2, 0.5]	
		95% CL	[−1.4, 0.7]	[−0.6, 1.4]	
	$f_{\Lambda 1}^{Z\gamma}$	best fit	3.0	0.0	
		68% CL	[−11.0, 9.1]	[−5.0, 3.8]	
		95% CL	[−55.0, 42.0]	[−14.0, 11.0]	
HVV Approach 2 (Fix others)	$f_{a2}$	best fit	38.0	0.0	
		68% CL	[−112.2, 129.3]	[−30.9, 37.5]	
		95% CL	[−376.6, 430.0] $\cup$ [−989.2, −826.3]	[−126.1, 136.8]	
	$f_{a3}$	best fit	0.8	0.0	
		68% CL	[−0.8, 3.5]	[−0.8, 1.1]	
		95% CL	[−7.6, 58.8]	[−3.4, 4.3]	
	$f_{\Lambda 1}$	best fit	−0.15	0.0	
		68% CL	[−1.21, 0.16]	[−0.4, 0.4]	
		95% CL	[−19.5, 118.5] $\cup$ [909.9, 964.1]	[−1.7, 18.9]	
	HVV Approach 2 (Float others)	$f_{a2}$	best fit	−1.0	0.0
			68% CL	[−104.1, 139.9]	[−31.1, 39.8]
			95% CL	[−986.4, 981.2]	[−127.5, 148.7]
$f_{a3}$		best fit	0.34	0.0	
		68% CL	[−0.69, 3.4]	[−1.0, 1.2]	
		95% CL	[−201.3, 361.5]	[−4.3, 5.3]	
$f_{\Lambda 1}$		best fit	−0.1	0.0	
		68% CL	[−1.08, 3.78] $\cup$ [7.2, 20.7]	[−0.4, 0.9]	
		95% CL	[−994.8, 993.9]	[−1.9, 21.4]	
Hgg		$f_{a3}^{ggH}$	best fit	−34	0
			68% CL	[−721, 383]	[−1000, 1000]
			95% CL	[−1000, 1000]	[−1000, 1000]