

		POWHEG + PYTHIA 8			POWHEG +	SHERPA 2	DIRE 2
		FSR-down	Nominal	FSR-up	HERWIG 7		
$\alpha_s^{\text{FSR}}(m_Z)$		0.1224	0.1365	0.1543	0.1262	0.118	0.1201
		1-loop	1-loop	1-loop	2-loop	2-loop CMW	2-loop
Observable	Flavor	χ^2	χ^2	χ^2	χ^2	χ^2	χ^2
$\lambda_0^0(N)$ ndf = 8	inclusive	27.8	84.1	317.3	31.1	11.0	8.5
	bottom	36.5	98.4	337.5	37.3	19.4	27.5
	light	6.2	11.1	50.0	27.1	8.9	18.3
	gluon	8.7	24.6	72.2	14.6	3.2	12.4
ε ndf = 6	inclusive	86.7	123.9	236.2	13.5	17.5	75.5
	bottom	25.6	44.1	93.6	2.4	3.8	20.2
	light	20.5	31.4	63.1	4.6	4.1	19.8
	gluon	51.6	73.5	121.3	8.0	18.1	64.2
z_g ndf = 4	inclusive	18.8	20.2	22.3	1.6	6.8	17.2
	bottom	4.3	5.7	7.6	0.7	0.9	3.4
	light	22.0	21.1	20.8	0.9	7.4	31.0
	gluon	7.5	7.2	6.2	2.2	6.2	11.8
ΔR_g ndf = 10	inclusive	16.6	36.4	285.6	32.1	36.4	63.1
	bottom	18.7	16.5	193.9	14.3	67.1	12.3
	light	10.1	41.7	271.6	144.8	38.5	179.6
	gluon	23.8	15.9	76.7	28.8	40.2	45.0