

Jet features with $n = m = 2 \cdot 10^4$						
Statistic	μ -deformation			Σ_{ii} -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{SW}	$0.05186^{+0.025}_{-0.023}$	$0.07216^{+0.025}_{-0.024}$	1664	$0.07448^{+0.029}_{-0.029}$	$0.0984^{+0.032}_{-0.02}$	1380
$t_{\overline{KS}}$	$0.02318^{+0.0087}_{-0.0083}$	$0.03219^{+0.0072}_{-0.0059}$	2267	$0.0318^{+0.013}_{-0.013}$	$0.04278^{+0.012}_{-0.012}$	3461
t_{SKS}	$0.03946^{+0.024}_{-0.019}$	$0.05569^{+0.021}_{-0.019}$	5360	$0.07534^{+0.031}_{-0.036}$	$0.10305^{+0.03}_{-0.03}$	6425
t_{FGD}	$0.06884^{+0.037}_{-0.033}$	$0.09667^{+0.033}_{-0.026}$	4825	$0.06675^{+0.051}_{-0.033}$	$0.09904^{+0.042}_{-0.03}$	3862
t_{MMD}	$0.08117^{+0.057}_{-0.037}$	$0.11894^{+0.048}_{-0.041}$	7517	$0.13508^{+0.11}_{-0.06}$	$0.18666^{+0.1}_{-0.063}$	12604
Statistic	$\Sigma_{i \neq j}$ -deformation			pow_+ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\text{pow}_+}$	t (s)
t_{SW}	$0.29796^{+0.09}_{-0.1}$	$0.47482^{+0.11}_{-0.12}$	1610	$0.04164^{+0.013}_{-0.015}$	$0.05757^{+0.013}_{-0.011}$	1420
$t_{\overline{KS}}$	$1.03359^{+0.0094}_{-0.015}$	$1.04904^{+0.0051}_{-0.017}$	2675	$0.03478^{+0.016}_{-0.014}$	$0.04595^{+0.015}_{-0.014}$	5713
t_{SKS}	$0.27254^{+0.14}_{-0.11}$	$0.42699^{+0.16}_{-0.14}$	7404	$0.04056^{+0.023}_{-0.02}$	$0.06085^{+0.021}_{-0.02}$	9058
t_{FGD}	$0.1857^{+0.061}_{-0.059}$	$0.28294^{+0.06}_{-0.056}$	3880	$0.03468^{+0.026}_{-0.017}$	$0.05326^{+0.024}_{-0.017}$	5750
t_{MMD}	$1.0882^{+0.13}_{-0.098}$	$1.17019^{+0.09}_{-0.065}$	11993	$0.04694^{+0.034}_{-0.021}$	$0.06351^{+0.029}_{-0.022}$	17382
Statistic	pow_- -deformation			\mathcal{N} -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\text{pow}_-}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\mathcal{N}}$	t (s)
t_{SW}	$0.04314^{+0.011}_{-0.016}$	$0.05784^{+0.011}_{-0.0092}$	1455	$0.16842^{+0.038}_{-0.029}$	$0.20253^{+0.032}_{-0.023}$	1619
$t_{\overline{KS}}$	$0.03325^{+0.013}_{-0.014}$	$0.04388^{+0.015}_{-0.014}$	6958	$0.13286^{+0.021}_{-0.021}$	$0.15579^{+0.015}_{-0.022}$	7531
t_{SKS}	$0.04166^{+0.019}_{-0.02}$	$0.05648^{+0.017}_{-0.017}$	10183	$0.1366^{+0.032}_{-0.031}$	$0.16654^{+0.024}_{-0.021}$	10532
t_{FGD}	$0.03869^{+0.029}_{-0.019}$	$0.0579^{+0.025}_{-0.02}$	5036	$0.21908^{+0.054}_{-0.078}$	$0.25678^{+0.049}_{-0.041}$	6081
t_{MMD}	$0.04811^{+0.036}_{-0.022}$	$0.07506^{+0.035}_{-0.026}$	10638	$0.32588^{+0.11}_{-0.093}$	$0.39574^{+0.088}_{-0.072}$	16715
Statistic	\mathcal{U} -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\mathcal{U}}$	t (s)	t^{null} (s)		
t_{FGD}	$0.38158^{+0.09}_{-0.12}$	$0.44725^{+0.085}_{-0.067}$	6239	499		
t_{LLR}	-	-	-	-		
t_{MMD}	$0.59421^{+0.21}_{-0.16}$	$0.71936^{+0.16}_{-0.1}$	20050	949		
t_{SKS}	$0.23779^{+0.044}_{-0.06}$	$0.2825^{+0.037}_{-0.043}$	10363	870		
t_{SW}	$0.28981^{+0.065}_{-0.047}$	$0.35332^{+0.051}_{-0.04}$	1491	272		
$t_{\overline{KS}}$	$0.23279^{+0.026}_{-0.048}$	$0.25815^{+0.027}_{-0.017}$	9488	321		