

Jet features with $n = m = 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{SW}$	$0.07503^{+0.038}_{-0.038}$	$0.0991^{+0.034}_{-0.035}$	967	$0.10371^{+0.04}_{-0.04}$	$0.14063^{+0.036}_{-0.038}$	<b>904</b>
$t_{\overline{KS}}$	<b><math>0.03678^{+0.01}_{-0.011}</math></b>	<b><math>0.04557^{+0.012}_{-0.011}</math></b>	<b>828</b>	<b><math>0.04899^{+0.015}_{-0.014}</math></b>	<b><math>0.06198^{+0.016}_{-0.017}</math></b>	1137
$t_{SKS}$	$0.06187^{+0.028}_{-0.03}$	$0.07567^{+0.034}_{-0.027}$	2177	$0.11338^{+0.038}_{-0.043}$	$0.13921^{+0.042}_{-0.042}$	2407
$t_{FGD}$	$0.09877^{+0.057}_{-0.041}$	$0.13001^{+0.045}_{-0.037}$	2318	$0.09528^{+0.071}_{-0.037}$	$0.12355^{+0.063}_{-0.04}$	2633
$t_{MMD}$	$0.11364^{+0.077}_{-0.06}$	$0.16994^{+0.072}_{-0.061}$	3594	$0.18392^{+0.16}_{-0.09}$	$0.25137^{+0.15}_{-0.076}$	5477
$t_{NPLM}$	$0.20107^{+0.064}_{-0.076}$	$0.20206^{+0.063}_{-0.075}$	5278	$0.20763^{+0.071}_{-0.096}$	$0.21154^{+0.067}_{-0.095}$	6641
Statistic	$\Sigma_{i \neq j}$ -deformation			pow <sub>+</sub> -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{SW}$	$0.73656^{+0.17}_{-0.24}$	$0.96855^{+0.14}_{-0.11}$	<b>688</b>	$0.05823^{+0.022}_{-0.022}$	$0.07925^{+0.019}_{-0.021}$	<b>961</b>
$t_{\overline{KS}}$	$1.04601^{+0.018}_{-0.019}$	$1.06439^{+0.011}_{-0.016}$	897	<b><math>0.05276^{+0.022}_{-0.018}</math></b>	$0.0684^{+0.021}_{-0.026}$	1603
$t_{SKS}$	$0.70661^{+0.26}_{-0.26}$	$0.91586^{+0.19}_{-0.25}$	2600	$0.06408^{+0.029}_{-0.029}$	$0.08252^{+0.032}_{-0.031}$	3083
$t_{FGD}$	<b><math>0.51072^{+0.12}_{-0.2}</math></b>	<b><math>0.65629^{+0.084}_{-0.097}</math></b>	1700	$0.0547^{+0.036}_{-0.028}$	<b><math>0.06729^{+0.037}_{-0.02}</math></b>	3097
$t_{MMD}$	$1.1699^{+0.13}_{-0.088}$	$1.24122^{+0.16}_{-0.077}$	4092	$0.06107^{+4.9}_{-0.03}$	$0.08363^{+4.9}_{-0.03}$	3643
$t_{NPLM}$	$0.91707^{+0.081}_{-0.34}$	$0.94524^{+0.054}_{-0.36}$	4710	$0.09286^{+0.032}_{-0.043}$	$0.0968^{+0.042}_{-0.046}$	5552
Statistic	pow <sub>-</sub> -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{SW}$	$0.06282^{+0.015}_{-0.02}$	$0.07888^{+0.017}_{-0.018}$	<b>912</b>	$0.20594^{+0.039}_{-0.052}$	$0.24096^{+0.033}_{-0.041}$	<b>834</b>
$t_{\overline{KS}}$	<b><math>0.04676^{+0.019}_{-0.013}</math></b>	<b><math>0.06055^{+0.02}_{-0.016}</math></b>	1796	<b><math>0.1707^{+0.02}_{-0.034}</math></b>	<b><math>0.1893^{+0.02}_{-0.019}</math></b>	1804
$t_{SKS}$	$0.05929^{+0.026}_{-0.021}$	$0.07595^{+0.024}_{-0.023}$	3209	$0.17122^{+0.037}_{-0.033}$	$0.19915^{+0.03}_{-0.034}$	3086
$t_{FGD}$	$0.05673^{+0.042}_{-0.028}$	$0.08339^{+0.034}_{-0.032}$	1849	$0.25651^{+0.078}_{-0.087}$	$0.28839^{+0.071}_{-0.044}$	1314
$t_{MMD}$	$0.07162^{+0.054}_{-0.035}$	$0.10714^{+0.045}_{-0.039}$	3389	$0.38381^{+0.14}_{-0.11}$	$0.45873^{+0.11}_{-0.085}$	5023
$t_{NPLM}$	$0.08905^{+0.033}_{-0.034}$	$0.09185^{+0.03}_{-0.035}$	4159	$0.19451^{+0.055}_{-0.054}$	$0.20987^{+0.05}_{-0.068}$	3924
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{SW}$	$0.34413^{+0.08}_{-0.086}$	$0.41317^{+0.067}_{-0.057}$	<b>823</b>	<b>143</b>		
$t_{\overline{KS}}$	<b><math>0.28197^{+0.035}_{-0.047}</math></b>	<b><math>0.32259^{+0.023}_{-0.031}</math></b>	1893	<b>143</b>		
$t_{SKS}$	$0.29579^{+0.049}_{-0.073}$	$0.33246^{+0.044}_{-0.052}$	3432	414		
$t_{FGD}$	$0.44393^{+0.12}_{-0.14}$	$0.51865^{+0.1}_{-0.1}$	2031	246		
$t_{MMD}$	$0.69415^{+0.27}_{-0.2}$	$0.84537^{+0.2}_{-0.17}$	4605	371		
$t_{NPLM}$	$0.34046^{+0.079}_{-0.1}$	$0.34676^{+0.074}_{-0.1}$	2345	563		