

**Scaled Jet features with  $n = m = 2 \cdot 10^4$**

$\mu$ -deformation				$\Sigma_{ii}$ -deformation		
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{SW}$	$0.02498^{+0.0068}_{-0.0089}$	$0.0347^{+0.0078}_{-0.007}$	<b>1856</b>	$0.03464^{+0.011}_{-0.014}$	$0.0454^{+0.011}_{-0.012}$	<b>1983</b>
$t_{\overline{KS}}$	$0.02347^{+0.0081}_{-0.0084}$	$0.0326^{+0.0073}_{-0.0065}$	2379	$0.03199^{+0.012}_{-0.013}$	$0.04302^{+0.012}_{-0.012}$	3749
$t_{SKS}$	<b><math>0.01854^{+0.0052}_{-0.0078}</math></b>	<b><math>0.02407^{+0.0044}_{-0.0075}</math></b>	5681	$0.03791^{+0.012}_{-0.016}$	$0.04866^{+0.012}_{-0.014}$	6885
$t_{FGD}$	$0.0322^{+0.009}_{-0.013}$	$0.03958^{+0.01}_{-0.0066}$	4014	<b><math>0.03122^{+0.013}_{-0.012}</math></b>	<b><math>0.04039^{+0.012}_{-0.0098}</math></b>	3399
$t_{MMD}$	$0.10604^{+0.024}_{-0.037}$	$0.13954^{+0.019}_{-0.025}$	6850	$0.05372^{+0.025}_{-0.021}$	$0.06748^{+0.024}_{-0.021}$	12626
$\Sigma_{i \neq j}$ -deformation				pow $_+$ -deformation		
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{pow+}$	$t$ (s)
$t_{SW}$	$0.08331^{+0.027}_{-0.03}$	$0.11519^{+0.026}_{-0.022}$	1581	$0.04046^{+0.015}_{-0.016}$	$0.05256^{+0.016}_{-0.016}$	<b>1560</b>
$t_{\overline{KS}}$	$1.03549^{+0.0094}_{-0.015}$	$1.04064^{+0.015}_{-0.0051}$	<b>1173</b>	$0.03495^{+0.014}_{-0.014}$	$0.04617^{+0.015}_{-0.014}$	6217
$t_{SKS}$	$0.09468^{+0.035}_{-0.035}$	$0.12683^{+0.033}_{-0.024}$	5589	$0.06771^{+0.02}_{-0.029}$	$0.08308^{+0.02}_{-0.022}$	9295
$t_{FGD}$	<b><math>0.00933^{+0.0032}_{-0.0032}</math></b>	<b><math>0.01233^{+0.0031}_{-0.0022}</math></b>	6144	$0.03586^{+0.017}_{-0.016}$	$0.04367^{+0.017}_{-0.013}$	3613
$t_{MMD}$	$0.1341^{+0.062}_{-0.058}$	$0.17463^{+0.05}_{-0.046}$	79177	<b><math>0.03099^{+4.9}_{-0.014}</math></b>	<b><math>0.0413^{+4.9}_{-0.015}</math></b>	13970
pow $_-$ -deformation				$\mathcal{N}$ -deformation		
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{pow-}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\mathcal{N}}$	$t$ (s)
$t_{SW}$	$0.0434^{+4.9}_{-0.018}$	$0.05684^{+4.9}_{-0.016}$	<b>1381</b>	$0.15561^{+0.026}_{-0.031}$	$0.17515^{+0.026}_{-0.025}$	<b>1501</b>
$t_{\overline{KS}}$	$0.03324^{+0.013}_{-0.014}$	<b><math>0.04369^{+0.015}_{-0.013}</math></b>	7555	$0.13682^{+0.018}_{-0.027}$	$0.15251^{+0.017}_{-0.01}$	7585
$t_{SKS}$	$0.06451^{+0.022}_{-0.028}$	$0.08132^{+0.021}_{-0.021}$	10657	$0.12378^{+0.028}_{-0.056}$	$0.1448^{+0.028}_{-0.039}$	11391
$t_{FGD}$	$0.03489^{+0.02}_{-0.015}$	$0.04502^{+0.02}_{-0.012}$	4270	<b><math>0.0948^{+0.015}_{-0.02}</math></b>	<b><math>0.11199^{+0.0096}_{-0.013}</math></b>	4014
$t_{MMD}$	<b><math>0.03264^{+0.024}_{-0.016}</math></b>	$0.048^{+0.02}_{-0.016}$	15086	$0.32021^{+0.058}_{-0.066}$	$0.37016^{+0.041}_{-0.041}$	11399
$\mathcal{U}$ -deformation				Timing		
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}^{\mathcal{U}}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{SW}$	$0.2705^{+0.047}_{-0.059}$	$0.30356^{+0.045}_{-0.029}$	<b>1396</b>	<b>271</b>		
$t_{\overline{KS}}$	$0.23391^{+0.024}_{-0.049}$	$0.25939^{+0.027}_{-0.024}$	8297	324		
$t_{SKS}$	$0.20877^{+0.051}_{-0.082}$	$0.24937^{+0.042}_{-0.046}$	10459	870		
$t_{FGD}$	<b><math>0.17213^{+0.014}_{-0.026}</math></b>	<b><math>0.19235^{+0.016}_{-0.015}</math></b>	2864	497		
$t_{MMD}$	$0.55884^{+0.088}_{-0.11}$	$0.6454^{+0.072}_{-0.07}$	10439	949		