Scaled Jet features with $n=m=5\cdot 10^4$						
	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
Statistic	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.01623^{+0.0045}_{-0.0069}$	$0.02098^{+0.0049}_{-0.0059}$	12410	$0.02089^{+0.0073}_{-0.008}$	$0.02834^{+0.0077}_{-0.0079}$	1054
$t_{\overline{ ext{KS}}}$	$0.01585^{+0.0043}_{-0.0063}$	$0.01927^{+0.0043}_{-0.0056}$	17174	$0.02085^{+0.0064}_{-0.008}$	$0.02567^{+0.006}_{-0.0075}$	38871
$t_{ m SKS}$	$\mid 0.0113^{+0.0044}_{-0.005}$	$0.0141^{+0.0037}_{-0.0045}$	32620	$0.02254^{+0.0074}_{-0.0099}$	$0.02773^{+0.0073}_{-0.0089}$	28803
$t_{ m FGD}$	$0.02106^{+0.0062}_{-0.0070}$	$0.02659^{+0.0058}_{-0.0069}$	11583	$0.02133^{+0.0078}_{-0.0097}$	$0.02741^{+0.0071}_{-0.008}$	14254
$t_{ m MMD}$	$\begin{array}{c} -0.06739^{+0.013}_{-0.021} \\ 0.00023^{+4e-05}_{-7e-05} \end{array}$	$0.08802^{+0.013}_{-0.011}$	46972	$\begin{array}{c} 0.0318^{+0.0031}_{-0.0083} \\ 0.00138^{+0.00034}_{-0.00043} \end{array}$	$0.04328^{+0.014}_{-0.012}$	28709
$t_{ m NPLM}$	$0.00023^{+4e-05}_{-7e-05}$	$0.08802_{-0.011}^{+0.011}$ $0.00029_{-7e-05}^{+4e-05}$	28414	$0.00138^{+0.00034}_{-0.00043}$	$0.00168^{+0.0003}_{-0.00027}$	22178
$\Sigma_{i\neq j}$ -deformation pow <sub>+</sub> -deformation						
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$\begin{array}{c c} 0.0503^{+0.016}_{-0.019} \\ 1.02009^{+0.0072}_{-0.001} \end{array}$	$0.07052^{+0.015}_{-0.014}$	1008	$0.02465^{+0.011}_{-0.0081}$	$0.03314^{+0.0099}_{-0.0095} \\ 0.02698^{+0.01}_{-0.0092}$	1025
$t_{\overline{ ext{KS}}}$	$1.02009_{-0.001}^{+0.0072}$	$1.02812^{+0.003}_{-0.008}$	16410	$0.0232^{+0.0074}$	$0.02698^{+0.01}_{-0.0092}$	35198
$t_{ m SKS}$	$  0.06201^{+0.02}_{-0.029}  $	$0.07573^{+0.02}_{-0.024}$	35383		$0.04921^{+0.015}_{-0.015}$	47807
$t_{ m FGD}$	$0.00627^{+0.0016}_{-0.0018}$	$0.00809^{+0.0015}_{-0.0018}$	14008	$ \begin{vmatrix} 0.0402^{+0.013}_{-0.015} \\ 0.02237^{+0.013}_{-0.011} \end{vmatrix} $	$0.0281^{+0.013}_{-0.0084}$	24967
$t_{ m MMD}$	$0.0794_{-0.031}^{+0.039}$	$0.112^{+0.031}_{-0.026}$	29620	$\mid 0.01898^{+0.012}_{-0.0094} \mid$	$0.02472^{+0.012}_{-0.0076}$	66075
$t_{ m NPLM}$	$0.00181^{+0.00051}_{-0.00049}$	$0.00214^{+0.00046}_{-0.00046}$	23897	$0.00907^{+0.0028}_{-0.0035}$	$0.01117^{+0.0025}_{-0.003}$	20787
$pow\deformation$			$\mathcal{N} ext{-deformation}$			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.02527^{+0.011}_{-0.011}$	$0.03513^{+0.0084}_{-0.01}$	993	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c} 0.14062^{+0.018}_{-0.026} \\ 0.11672^{+0.012}_{-0.016} \end{array}$	910
$t_{\overline{ ext{KS}}}$	$0.02125^{+0.01}_{-0.0002}$	$0.02649^{+0.0074}_{-0.000}$	16472	$0.10579_{-0.019}^{+0.014}$	$0.11672^{+0.012}_{-0.016}$	31727
$t_{ m SKS}$	$0.03986^{+0.013}_{-0.017}$	$0.04873^{+0.013}_{-0.013}$	27407	$0.08577^{+0.024}_{-0.028}$	$0.10148^{+0.021}_{-0.026}$	25899
$t_{ m FGD}$	$0.02163^{+0.015}_{-0.0097}$	$0.02954^{+0.014}_{-0.0087}$	12892	$\mid 0.07833^{+0.0094}_{-0.019} \mid$	$0.08847^{+0.0084}_{-0.0069}$	13246
$t_{ m MMD}$	$0.02133^{+0.013}_{-0.0086}$	$0.02924^{+0.011}_{-0.0081}$	68458	$0.26032^{+0.037}_{-0.057}$	$0.29897^{+0.028}_{-0.036}$	42149
$t_{ m NPLM}$	$0.00926^{+0.0036}_{-0.0031}$	$0.01193^{+0.0029}_{-0.0026}$	19694	$0.028^{+0.0046}_{-0.0068}$	$0.03222^{+0.0031}_{-0.0042}$	22472
$\mathcal{U} ext{-deformation}$				Timing		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$t^{\text{null}}$ (s)		
$t_{ m SW}$	$0.20487^{+0.042}_{-0.048}$	$\begin{array}{c} 0.2434^{+0.032}_{-0.035} \\ 0.19884^{+0.018}_{-0.027} \end{array}$	877	123		
$t_{\overline{ ext{KS}}}$	$0.18018^{+0.024}$	$0.19884_{-0.027}^{+0.018}$	25630	1913		
$t_{ m SKS}$	$0.14529^{+0.04}_{-0.056}$	$0.1719^{+0.035}_{-0.048}$	42277	4383		
$t_{ m FGD}$	$\mid 0.13545^{+0.014}_{-0.032} \mid$	$0.15299^{+0.015}_{-0.012}$	12782	1787		
$t_{ m MMD}$	$0.45177^{+0.066}_{0.001}$	$0.52083^{+0.05}_{-0.047}$	56078	3504		
$t_{ m NPLM}$	$0.04693^{+0.008}_{-0.014}$	$0.05356^{+0.0062}_{-0.0071}$	29316	2408		