Scaled Jet features with n = m = 10^4

	μ-deformation			Σ_{ii}-deformation		
Statistic	$\epsilon_{95\%\text{CL}}$	$\epsilon_{99\%\text{CL}}$	t (s)	$\epsilon_{95\%\text{CL}}$	$\epsilon_{99\%\text{CL}}$	t (s)
t_{SW}	$0.03454^{+0.015}_{-0.0089}$	$0.04478^{+0.014}_{-0.011}$	973	$0.05325^{+0.012}_{-0.024}$	$0.06318^{+0.014}_{-0.012}$	**1017**
$t_{\overline{\text{KS}}}$	$0.03618^{+0.011}_{-0.011}$	$0.04483^{+0.011}_{-0.011}$	**850**	$0.049^{+0.016}_{-0.014}$	$0.06199^{+0.016}_{-0.017}$	1193
t_{SKS}	$\mathbf{0.02531^{+0.0088}_{-0.0088}}$	$\mathbf{0.03294^{+0.01}_{-0.0093}}$	2419	$0.05413^{+0.016}_{-0.023}$	$0.06948^{+0.017}_{-0.019}$	2718
t_{FGD}	$0.04203^{+0.017}_{-0.014}$	$0.05825^{+0.013}_{-0.011}$	1768	$\mathbf{0.04367^{+0.018}_{-0.02}}$	$\mathbf{0.05731^{+0.018}_{-0.015}}$	2279
t_{MMD}	$0.14557^{+0.033}_{-0.05}$	$0.1927^{+0.026}_{-0.034}$	2159	$0.07112^{+0.032}_{-0.03}$	$0.0925^{+0.028}_{-0.028}$	3626

	$\Sigma_{i \neq j}$-deformation			pow$_+$-deformation		
Statistic	$\epsilon_{95\%\text{CL}}$	$\epsilon_{99\%\text{CL}}$	t (s)	$\epsilon_{95\%\text{CL}}$	$\epsilon^{\text{pow}_+}_{99\%\text{CL}}$	t (s)
t_{SW}	$0.1241^{+0.035}_{-0.03}$	$0.16704^{+0.025}_{-0.044}$	**770**	$0.0551^{+0.022}_{-0.015}$	$0.07143^{+0.022}_{-0.019}$	**967**
$t_{\overline{\text{KS}}}$	$1.04601^{+0.018}_{-0.019}$	$1.06439^{+0.011}_{-0.016}$	786	$0.05339^{+0.021}_{-0.021}$	$0.06245^{+0.028}_{-0.017}$	1732
t_{SKS}	$0.13578^{+0.05}_{-0.037}$	$0.19505^{+0.034}_{-0.055}$	2666	$0.09036^{+0.039}_{-0.027}$	$0.12493^{+0.028}_{-0.035}$	3154
t_{FGD}	$\mathbf{0.01366^{+0.0051}_{-0.0053}}$	$\mathbf{0.01873^{+0.0051}_{-0.0039}}$	2359	$0.04473^{+0.028}_{-0.019}$	$0.06202^{+0.023}_{-0.021}$	2120
t_{MMD}	$0.19047^{+0.074}_{-0.072}$	$0.24827^{+0.068}_{-0.071}$	2476	$\mathbf{0.04304^{+1.9}_{-0.023}}$	$\mathbf{0.05234^{+1.9}_{-0.019}}$	4893

	pow$_-$-deformation			$\mathcal{N}$-deformation		
Statistic	$\epsilon_{95\%\text{CL}}$	$\epsilon^{\text{pow}_-}_{99\%\text{CL}}$	t (s)	$\epsilon_{95\%\text{CL}}$	$\epsilon^{\mathcal{N}}_{99\%\text{CL}}$	t (s)
t_{SW}	$0.06251^{+0.023}_{-0.019}$	$0.07732^{+0.022}_{-0.02}$	**972**	$0.1954^{+0.026}_{-0.048}$	$0.21418^{+0.026}_{-0.024}$	**894**
$t_{\overline{\text{KS}}}$	$\mathbf{0.04649^{+0.019}_{-0.013}}$	$\mathbf{0.0602^{+0.019}_{-0.016}}$	1929	$0.17245^{+0.018}_{-0.036}$	$0.19003^{+0.021}_{-0.019}$	1945
t_{SKS}	$0.08917^{+0.028}_{-0.025}$	$0.11446^{+0.028}_{-0.031}$	3404	$0.15303^{+0.033}_{-0.044}$	$0.19176^{+0.022}_{-0.047}$	3597
t_{FGD}	$0.0488^{+0.029}_{-0.026}$	$0.06761^{+0.029}_{-0.024}$	1503	$\mathbf{0.11564^{+0.016}_{-0.018}}$	$\mathbf{0.13698^{+0.012}_{-0.014}}$	1659
t_{MMD}	$0.04774^{+0.03}_{-0.019}$	$0.06826^{+0.03}_{-0.022}$	5189	$0.38281^{+0.061}_{-0.079}$	$0.43607^{+0.057}_{-0.055}$	4053

	$\mathcal{U}$-deformation			Timing		
Statistic	$\epsilon_{95\%\text{CL}}$	$\epsilon^{\mathcal{U}}_{99\%\text{CL}}$	t (s)	t^{null} (s)		
t_{FGD}	$\mathbf{0.20008^{+0.026}_{-0.036}}$	$\mathbf{0.23742^{+0.021}_{-0.026}}$	1960	248		
t_{LLR}	-	-	-	-		
t_{MMD}	$0.67348^{+0.11}_{-0.14}$	$0.75865^{+0.091}_{-0.1}$	5241	386		
t_{SKS}	$0.26284^{+0.06}_{-0.076}$	$0.33111^{+0.04}_{-0.082}$	3983	418		
t_{SW}	$0.33748^{+0.04}_{-0.082}$	$0.36991^{+0.044}_{-0.042}$	**878**	**145**		
$t_{\overline{\text{KS}}}$	$0.28304^{+0.032}_{-0.047}$	$0.32381^{+0.023}_{-0.032}$	2040	**145**		