TABLE XII: Performance comparison of DLiSA against its variants (i.e., DLiSA-I and DLiSA-II) of over 100 run in system KANZI. Statistically significant discrepancies are shown in bold ($\hat{A}_{12} > 0.56$ and p value < 0.05), where green cells indicate that DLiSA performs better; or red cells otherwise.

Workload	Algorithm	Mean (Std)	$\hat{A}_{12}$ (p value)
W1	DLiSA	0.986 (0.866)	
	DLiSA-I	2.148 (3.514)	**0.682** ($p < 0.001$)
	DLiSA-II	1.227 (1.142)	**0.587** ($p = 0.034$)
W2	DLiSA	0.131 (0.032)	
	DLiSA-I	0.158 (0.049)	**0.680** ($p < 0.001$)
	DLiSA-II	0.146 (0.039)	**0.618** ($p = 0.003$)
W3	DLiSA	0.308 (0.129)	
	DLiSA-I	0.527 (0.94)	0.579 ($p = 0.054$)
	DLiSA-II	0.312 (0.208)	0.529 ($p = 0.470$)
W4	DLiSA	1.173 (0.697)	
	DLiSA-I	2.601 (3.114)	**0.702** ($p < 0.001$)
	DLiSA-II	1.603 (1.173)	**0.619** ($p = 0.004$)
W5	DLiSA	0.938 (0.604)	
	DLiSA-I	1.589 (1.446)	**0.708** ($p < 0.001$)
	DLiSA-II	1.194 (0.881)	**0.593** ($p = 0.023$)
W6	DLiSA	0.433 (0.263)	
	DLiSA-I	0.647 (0.536)	**0.644** ($p < 0.001$)
	DLiSA-II	0.514 (0.402)	0.521 ($p = 0.616$)
W7	DLiSA	0.177 (0.078)	
	DLiSA-I	0.234 (0.155)	**0.637** ($p = 0.001$)
	DLiSA-II	0.188 (0.075)	0.568 ($p = 0.093$)
W8	DLiSA	2.347 (2.228)	
	DLiSA-I	5.643 (9.41)	**0.690** ($p < 0.001$)
	DLiSA-II	3.203 (3.692)	**0.593** ($p = 0.024$)
W9	DLiSA	0.709 (0.585)	
	DLiSA-I	1.402 (2.631)	**0.670** ($p < 0.001$)
	DLiSA-II	0.851 (0.621)	**0.595** ($p = 0.021$)