variants (i.e., DLiSA-I and DLiSA-II) of over 100 run in system H2. 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.

TABLE XIV: Performance comparison of DLiSA against its

Workload	Algorithm	Mean (Std)	\hat{A}_{12} (p value)
	DLiSA	26721.450 (705.601)	
W1	DLiSA-I	26489.732 (775.103)	0.641 $(p = 0.001)$
	DLiSA-II	26644.835 (654.267)	$0.566 \ (p = 0.104)$
	DLiSA	18972.982 (758.262)	

W1	DLiSA-I	26489.732 (775.103)	$0.641 \ (p = 0.00)$
	DLiSA-II	26644.835 (654.267)	$0.566 \ (p = 0.10)$
	DLiSA	18972.982 (758.262)	
W2	DLiSA-I	18863.828 (809.835)	$0.599 \ (p = 0.01)$
	DLiSA-II	18931.037 (547.111)	$0.559 \ (p = 0.15)$
	DLiSA	948.344 (38.602)	
W3	DLiSA-I	943.536 (41.821)	$0.541 \ (p = 0.31)$

W5

W6

W7

DLISA

DI i SA-I DI i SA-T DLiSA

DLiSA-II

	DLISH	109/2.902 (730.202)	
W2	DLiSA-I	18863.828 (809.835)	0.599 $(p = 0.015)$
	DLiSA-II	18931.037 (547.111)	$0.559 \ (p = 0.150)$
	DLiSA	948.344 (38.602)	
W3	DLiSA-I	943.536 (41.821)	$0.541 \ (p = 0.315)$
	DLiSA-II	938.459 (45.506)	$0.567 \ (p = 0.100)$
	DLiSA	1032.006 (45.261)	
W4	DLiSA-I	1013.514 (82.642)	$0.578 \ (p = 0.057)$
	DIIGALIT	1006 602 (88 074)	0.602 (n - 0.013)

DLiSA	948.344 (38.602)	
DLiSA-I	943.536 (41.821)	$0.541 \ (p = 0.315)$
DLiSA-II	938.459 (45.506)	$0.567 \ (p = 0.100)$
DLiSA	1032.006 (45.261)	
DLiSA-I	1013.514 (82.642)	$0.578 \ (p = 0.057)$
DLiSA-II	1006.602 (88.074)	0.602 $(p = 0.013)$
DLiSA	47835.194 (2491.758)	

	, , , , , , , , , , , , , , , , , , , ,	one o. (P 01100)
DLiSA	1032.006 (45.261)	
DLiSA-I	1013.514 (82.642)	$0.578 \ (p = 0.057)$
DLiSA-II	1006.602 (88.074)	$0.602 \ (p = 0.013)$
DLiSA	47835.194 (2491.758)	
DLiSA-I	47999.853 (1876.084)	$0.509 \ (p = 0.830)$
DLiSA-II	47763.929 (2437.681)	$0.543 \ (p = 0.290)$

Ι	47763.929 (2437.681)	$0.543 \ (p = 0.290)$
	48335.083 (488.968)	
	48277.883 (559.910)	$0.548 \ (p = 0.239)$
т	47866 210 (1882 315)	0.638 (n - 0.001)

	48335.083 (488.968)	
	48277.883 (559.910)	$0.548 \ (p = 0.239)$
Ι	47866.219 (1882.315)	$0.638 \ (p = 0.001)$
	20027 040 (1504 725)	

-	402/7.003 (339.910)	0.348 (p - 0.239)
Ι	47866.219 (1882.315)	0.638 $(p = 0.001)$
	20037.040 (1584.735)	
	20102 212 (1211 000)	0.530 (0.457)

20037.040 (1584.735)	
20103.313 (1244.099)	$0.530 \ (p = 0.457)$
	0.700 (0.000)

20124.243 (1258.559) 0.500 (p = 0.993)

DLiSA-I

DLiSA-II DLiSA 28129.890 (1669.565)

W8 DI i SA-T 28033.752 (1665.729) 0.523 (p = 0.572)

27691.456 (1923.862) 0.566 (p = 0.108)