TABLE II: Results.

		RQ1					RQ2					RQ3				RQ4				
		H1.1	H1.2	H1.3	H1.4		H2.1				H2.2	H3.1			H3.2	H4.1			H4.2	
Environment	ES	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	LS
SPEAR— Workload (#variables/#clauses): $w_1 : 774/5934, w_2 : 1008/7728, w_3 : 1554/11914, w_4 : 978/7498$; Version: $v_1 : 1.2, v_2 : 2.7$																				
$ec_1 : [h_2 \to h_1, w_1, v_2]$	S	**1.00**	0.22	**0.97**	**0.92**	**0.92**	9	7	7	0	1	25	25	25	1.00	0.47	0.45	1	1.00	3.6
$ec_2 : [h_4 \to h_1, w_1, v_2]$	L	0.59	24.88	**0.91**	**0.76**	**0.86**	12	7	4	2	0.51	**41**	**27**	21	**0.98**	0.48	0.45	1	0.98	1.3
$ec_3 : [h_1, w_1 \to w_2, v_2]$	L	**0.96**	1.97	0.17	0.44	0.32	9	7	4	3	1	23	23	22	0.99	0.45	0.45	1	1.00	**13.8**
$ec_4 : [h_1, w_1 \to w_3, v_2]$	M	**0.90**	3.36	-0.08	0.30	0.11	7	7	4	3	0.99	22	23	22	0.99	0.45	0.49	1	0.94	7.5
$ec_5 : [h_1, w_1, v_2 \to v_1]$	S	0.23	**0.30**	0.35	0.28	0.32	6	5	3	1	0.32	**21**	**7**	7	0.33	0.45	0.50	1	0.96	1.9
$ec_6 : [h_1, w_1 \to w_2, v_1 \to v_2]$	L	-0.10	**0.72**	-0.05	0.35	0.04	5	6	1	3	**0.68**	**7**	**21**	7	0.31	**0.50**	**0.45**	**1**	**0.96**	**9.6**
$ec_7 : [h_1 \to h_2, w_1 \to w_4, v_2 \to v_1]$	VL	-0.10	6.95	0.14	0.41	0.15	6	4	2	2	**0.88**	**21**	**7**	7	-0.44	**0.47**	**0.50**	**1**	**0.97**	**15.3**
x264— Workload (#pictures/size): $w_1 : 8/2, w_2 : 32/11, w_3 : 128/44$; Version: $v_1 : r2389, v_2 : r2744, v_3 : r2744$																				
$ec_1 : [h_2 \to h_1, w_3, v_3]$	SM	**0.97**	1.00	**0.99**	**0.97**	**0.92**	9	10	8	0	0.86	21	33	18	1.00	0.49	0.49	1	1	1.5
$ec_2 : [h_2 \to h_1, w_1, v_3]$	S	**0.96**	0.02	**0.96**	**0.76**	**0.79**	9	9	8	0	0.94	36	27	24	1.00	0.49	0.49	1	1	1.2
$ec_3 : [h_1, w_1 \to w_2, v_3]$	M	0.65	**0.06**	0.63	0.53	0.58	9	11	8	1	**0.89**	27	33	22	**0.96**	0.49	0.49	1	1	**5.0**
$ec_4 : [h_1, w_1 \to w_3, v_3]$	M	0.67	**0.06**	0.64	0.53	0.56	9	10	7	1	**0.88**	27	33	20	**0.96**	0.49	0.49	1	1	4.6
$ec_5 : [h_1, w_3, v_2 \to v_3]$	L	0.05	**1.64**	0.44	0.43	0.42	12	10	10	0	**0.83**	47	33	29	**1.00**	0.49	0.49	1	1	**6.2**
$ec_6 : [h_1, w_3, v_1 \to v_3]$	L	0.06	**1.54**	0.43	0.43	0.37	11	10	9	0	**0.80**	46	33	27	**0.99**	0.49	0.49	1	1	**6.2**
$ec_7 : [h_1, w_1 \to w_3, v_2 \to v_3]$	L	0.08	**1.03**	0.26	0.25	0.22	8	10	5	1	**0.78**	33	33	20	**0.94**	0.49	0.49	1	1	**6.2**
$ec_8 : [h_2 \to h_1, w_1 \to w_3, v_2 \to v_3]$	VL	0.09	14.51	0.26	0.23	0.25	8	9	5	2	0.58	**33**	**21**	**18**	**0.94**	0.49	0.49	1	1	**6.5**
SQLite— Workload: $w_1 : write - seq, w_2 : write - batch, w_3 : read - rand, w_4 : read - seq$; Version: $v_1 : 3.7.6.3, v_2 : 3.19.0$																				
$ec_1 : [h_3 \to h_2, w_1, v_1]$	S	**0.99**	0.37	**0.82**	0.35	0.31	5	2	2	0	1	13	9	8	1.00	N/A	N/A	N/A	N/A	1.9
$ec_2 : [h_3 \to h_2, w_2, v_1]$	M	**0.97**	1.08	**0.88**	0.40	0.49	5	5	4	0	1	10	11	9	1.00	N/A	N/A	N/A	N/A	1.1
$ec_3 : [h_2, w_1 \to w_2, v_1]$	S	**0.96**	1.27	**0.83**	0.40	0.35	2	3	1	0	1	9	9	7	0.99	N/A	N/A	N/A	N/A	1.2
$ec_4 : [h_2, w_3 \to w_4, v_1]$	M	0.50	**1.24**	0.43	0.17	0.43	1	1	0	0	1	4	2	2	**1.00**	N/A	N/A	N/A	N/A	1.0
$ec_5 : [h_1, w_1, v_1 \to v_2]$	M	**0.95**	1.00	0.79	0.24	0.29	2	4	1	0	1	12	11	7	0.99	N/A	N/A	N/A	N/A	**3.2**
$ec_6 : [h_1, w_2 \to w_1, v_1 \to v_2]$	L	0.51	**2.80**	0.44	0.25	0.30	3	4	1	1	0.31	7	11	6	**0.96**	N/A	N/A	N/A	N/A	**8.8**
$ec_7 : [h_2 \to h_1, w_2 \to w_1, v_1 \to v_2]$	VL	0.53	4.91	0.53	0.42	0.47	3	5	2	1	0.31	7	13	6	**0.97**	N/A	N/A	N/A	N/A	**7.2**
SaC— Workload: $w_1 : srad, w_2 : pfilter, w_3 : kmeans, w_4 : hotspot, w_5 : nw, w_6 : nbody100, w_7 : nbody150, w_8 : nbody750, w_9 : gc, w_{10} : cg$																				
$ec_1 : [h_1, w_1 \to w_2, v_1]$	L	0.66	25.02	0.65	0.10	**0.79**	13	14	8	0	**0.88**	82	73	52	0.27	0.18	0.17	0.88	0.73	**136.3**
$ec_2 : [h_1, w_1 \to w_3, v_1]$	L	0.44	15.77	0.42	0.10	0.65	13	10	8	0	**0.91**	82	63	50	0.56	0.18	0.12	0.90	0.84	79.8
$ec_3 : [h_1, w_1 \to w_4, v_1]$	S	**0.93**	7.88	**0.93**	0.36	**0.90**	12	10	9	0	0.96	37	64	34	0.94	0.16	0.15	0.26	0.88	60.8
$ec_4 : [h_1, w_1 \to w_5, v_1]$	L	**0.96**	2.82	0.78	0.06	**0.81**	16	12	10	0	0.94	34	58	25	0.04	0.15	0.22	0.19	-0.29	**331.0**
$ec_5 : [h_1, w_2 \to w_3, v_1]$	M	0.76	**1.82**	**0.84**	0.67	**0.86**	17	11	9	1	**0.95**	79	61	47	0.55	0.27	0.13	0.83	0.88	46.0
$ec_6 : [h_1, w_2 \to w_4, v_1]$	S	**0.91**	5.54	**0.80**	0.00	**0.91**	14	11	8	0	0.85	64	65	31	-0.40	0.13	0.15	0.12	0.64	71.0
$ec_7 : [h_1, w_2 \to w_5, v_1]$	L	0.68	25.31	0.57	0.11	0.71	14	14	8	0	**0.88**	67	59	29	0.05	0.21	0.22	0.09	-0.13	**412.1**
$ec_8 : [h_1, w_3 \to w_4, v_1]$	L	0.68	**1.70**	0.56	0.00	**0.91**	14	13	9	1	**0.88**	57	67	36	0.34	0.11	0.14	0.05	0.67	**122.4**
$ec_9 : [h_1, w_3 \to w_5, v_1]$	VL	0.06	3.68	0.20	0.00	0.64	16	10	9	0	**0.90**	51	58	35	-0.52	0.11	0.21	0.06	-0.41	**1363.8**
$ec_{10} : [h_1, w_4 \to w_5, v_1]$	L	0.70	4.85	0.76	0.00	**0.75**	12	12	11	0	**0.95**	58	57	43	0.29	0.14	0.20	0.64	-0.14	**470.0**
$ec_{11} : [h_1, w_6 \to w_7, v_1]$	S	0.82	5.79	0.77	0.25	**0.88**	36	30	28	2	**0.89**	109	164	102	**0.96**	N/A	N/A	N/A	N/A	31.0
$ec_{12} : [h_1, w_6 \to w_8, v_1]$	S	**1.00**	0.52	**0.92**	**0.80**	**0.97**	38	30	22	6	0.94	51	53	43	0.99	N/A	N/A	N/A	N/A	12.4
$ec_{13} : [h_1, w_8 \to w_7, v_1]$	S	**1.00**	0.32	**0.92**	0.53	**0.99**	30	33	26	1	0.98	53	89	51	1.00	N/A	N/A	N/A	N/A	85.7
$ec_{14} : [h_1, w_9 \to w_{10}, v_1]$	L	0.24	4.85	0.56	0.44	0.77	22	21	18	3	0.69	**237**	**226**	**94**	**0.86**	N/A	N/A	N/A	N/A	69.9

ES: Expected severity of change (Sec. III-B): **S**: small change; **SM**: small medium change; **M**: medium change; **L**: large change; **VL**: very large change. **LS**: Linear shift transfer learning [44]
SaC workload descriptions: srad: random matrix generator; pfilter: particle filtering; hotspot: heat transfer differential equations; k-means: clustering; nw: optimal matching; nbody: simulation of dynamic systems; cg: conjugate gradient; gc: garbage collector. Hardware descriptions (ID: Type/CPUs/Clock (GHz)/RAM (GiB)/Disk):
h1: NUC/4/1.30/15/SSD; **h2**: NUC/2/2.13/7/SCSI; **h3**:Station/2/2.8/3/SCSI; **h4**: Amazon/1/2.4/1/SSD; **h5**: Amazon/1/2.4/0.5/SSD; **h6**: Azure/1/2.4/3/SCSI
Metrics: **M1**: Pearson correlation; **M2**: Kullback-Leibler (KL) divergence; **M3**: Spearman correlation; **M4/M5**: Perc. of top/bottom conf.; **M6/M7**: Number of influential options in source/target; **M8/M9**: Number of options agree/disagree; **M10**: Correlation btw importance of options; **M11/M12**: Number of interactions in the source/target; **M13**: Number of interactions agree on effects; **M14**: Correlation btw the coeffs of models; **M15/M16**: Perc. of invalid conf. in source/target; **M17**: Perc. of invalid conf. common btw environments; **M18**: Correlation btw coeffs of models