A Cutoff Time Strategy based on the Coupon Collector's Problem

— Supplementary Materials —

Fernando G. Lobo[1], Mosab Bazargani[2], and Edmund K. Burke[3]

[1]DEEI-FCT and CENSE – Centro de Investigação em Ambiente e Sustentabilidade, Faculdade de Ciências e Tecnologia, Universidade do Algarve, Campus de Gambelas, 8005-139 Faro, Portugal
f.lobo@ualg.pt

[2]School of Electronic Engineering and Computer Science, Queen Mary University of London, London E1 4FZ, UK
m.bazargani@qmul.ac.uk

[3]University of Leicester, University Road, Leicester LE1 7RH, UK
edmund.burke@leicester.ac.uk

This document contains supplementary material to the article *"A Cutoff Time Strategy based on the Coupon Collector's Problem"* submitted to EJOR. The 9 tables appearing in the article and presented herein with the results over all TSP instances, all QAP instances, and all PFSP instances.

Table 1: Summary of results obtained for the three problem classes and for the three settings of the history length $L_h \in \{1, 5000, 50000\}$. 100 independent runs were made for each combination of problem instance and L_h value. The table reports how many of those runs the CCP strategy reached a better, equal, or worse solution cost, than the 2% cutoff strategy (labeled as $<$, $=$, or $>$, under the Cost columns). It also reports in how many of those runs the CCP strategy took less or more iterations to stop than the 2% strategy (labeled as $<$ or $>$, under Iterations). The CCP cutoff time is calculated using a confidence level $p = 0.95$.

TSP

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	$<$	$=$	$>$	$<$	$>$	$<$	$=$	$>$	$<$	$>$	$<$	$=$	$>$	$<$	$>$
d657	100	0	0	0	100	22	78	0	0	100	0	100	0	100	0
u724	100	0	0	0	100	38	62	0	0	100	0	100	0	100	0
rat783	100	0	0	0	100	32	68	0	0	100	0	100	0	100	0
dsj1000	100	0	0	0	100	23	77	0	0	100	0	100	0	0	100
pr1002	100	0	0	0	100	27	73	0	0	100	0	100	0	0	100
u1060	100	0	0	0	100	67	33	0	0	100	4	96	0	0	100
vm1084	100	0	0	0	100	38	62	0	0	100	0	100	0	0	100
pcb1173	100	0	0	0	100	36	64	0	0	100	0	100	0	0	100
d1291	100	0	0	0	100	50	50	0	0	100	0	100	0	0	100
rl1304	100	0	0	0	100	45	55	0	0	100	0	100	0	0	100
rl1323	100	0	0	0	100	31	69	0	0	100	0	100	0	0	100
nrw1379	100	0	0	0	100	38	62	0	0	100	0	100	0	0	100
fl1400	100	0	0	0	100	99	1	0	0	100	15	85	0	0	100
u1432	100	0	0	0	100	100	0	0	0	100	31	69	0	0	100
fl1577	100	0	0	0	100	97	3	0	0	100	22	78	0	0	100
d1655	100	0	0	0	100	93	7	0	0	100	16	84	0	0	100
vm1748	100	0	0	0	100	71	29	0	0	100	1	99	0	0	100
u1817	100	0	0	0	100	96	4	0	0	100	27	73	0	0	100
rl1889	100	0	0	0	100	77	23	0	0	100	4	96	0	0	100
d2103	100	0	0	0	100	86	14	0	0	100	7	93	0	0	100
u2152	100	0	0	0	100	99	1	0	0	100	46	54	0	0	100
u2319	100	0	0	0	100	100	0	0	0	100	72	28	0	0	100
pr2392	100	0	0	0	100	72	28	0	0	100	2	98	0	0	100
pcb3038	100	0	0	0	100	78	22	0	0	100	3	97	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
fl3795	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
fnl4461	100	0	0	0	100	88	12	0	0	100	2	98	0	0	100
rl5915	100	0	0	0	100	92	8	0	0	100	8	92	0	0	100
rl5934	100	0	0	0	100	89	11	0	0	100	27	73	0	0	100
brd14051	100	0	0	0	100	98	2	0	0	100	38	62	0	0	100
d15112	100	0	0	0	100	100	0	0	0	100	31	69	0	0	100

QAP

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
bur26a	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
bur26b	0	99	1	100	0	0	100	0	100	0	0	100	0	97	3
bur26c	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
bur26d	0	99	1	100	0	0	100	0	99	1	0	100	0	100	0
bur26e	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
bur26f	0	99	1	100	0	0	100	0	99	1	0	100	0	100	0
bur26g	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
bur26h	0	100	0	100	0	0	100	0	99	1	0	100	0	100	0
chr12a	0	100	0	100	0	0	100	0	23	77	0	100	0	0	100
chr12b	0	99	1	100	0	0	100	0	12	88	0	100	0	0	100
chr12c	0	100	0	100	0	0	100	0	32	68	0	100	0	0	100
chr15a	0	100	0	100	0	1	99	0	1	99	0	100	0	0	100
chr15b	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
chr15c	0	100	0	100	0	0	100	0	1	99	0	100	0	0	100
chr18a	0	100	0	100	0	1	99	0	0	100	0	100	0	0	100
chr18b	0	93	7	100	0	0	100	0	0	100	0	100	0	0	100
chr20a	0	98	2	100	0	0	100	0	0	100	0	100	0	0	100
chr20b	0	100	0	100	0	2	98	0	0	100	0	100	0	0	100
chr20c	0	100	0	100	0	0	100	0	11	89	0	100	0	35	65
chr22a	0	100	0	100	0	0	100	0	15	85	0	100	0	56	44
chr22b	0	98	2	100	0	0	100	0	11	89	0	100	0	16	84
chr25a	0	100	0	100	0	1	99	0	89	11	0	100	0	92	8
els19	0	100	0	100	0	0	100	0	4	96	0	100	0	7	93
esc16a	0	94	6	100	0	0	100	0	100	0	0	100	0	0	100
esc16b	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
esc16c	0	92	8	100	0	0	100	0	87	13	0	100	0	0	100
esc16d	0	91	9	100	0	0	100	0	100	0	0	100	0	0	100
esc16e	0	83	17	100	0	0	100	0	100	0	0	100	0	0	100
esc16f	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
esc16g	0	97	3	100	0	0	100	0	100	0	0	100	0	0	100
esc16h	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
esc16i	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
esc16j	0	97	3	100	0	0	100	0	100	0	0	100	0	0	100
esc32a	0	74	26	100	0	0	100	0	89	11	0	100	0	98	2
esc32b	0	82	18	100	0	0	100	0	12	88	0	100	0	16	84
esc32c	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
esc32d	0	86	14	100	0	0	100	0	0	100	0	100	0	0	100
esc32e	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
esc32g	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
esc32h	0	82	18	100	0	0	100	0	0	100	0	100	0	0	100
esc64a	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
esc128	3	97	0	0	100	37	63	0	0	100	0	100	0	0	100
had12	0	96	4	100	0	0	100	0	6	94	0	100	0	0	100
had14	0	94	6	100	0	0	100	0	1	99	0	100	0	0	100
had16	0	95	5	100	0	0	100	0	0	100	0	100	0	0	100
had18	0	95	5	100	0	0	100	0	0	100	0	100	0	0	100
had20	0	99	1	100	0	0	100	0	1	99	0	100	0	16	84
kra30a	0	92	8	100	0	0	100	0	100	0	0	100	0	100	0
kra30b	0	95	5	100	0	0	100	0	100	0	0	100	0	100	0
kra32	0	98	2	100	0	0	100	0	100	0	0	100	0	100	0
lipa20a	0	99	1	100	0	0	100	0	31	69	2	98	0	56	44
lipa20b	0	100	0	100	0	3	97	0	83	17	0	100	0	91	9
lipa30a	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
lipa30b	0	100	0	100	0	0	100	0	98	2	0	100	0	100	0
lipa40a	0	100	0	100	0	0	100	0	99	1	0	100	0	100	0
lipa40b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
lipa50a	0	99	1	100	0	0	100	0	55	45	0	100	0	100	0
lipa50b	0	100	0	100	0	0	100	0	96	4	0	100	0	100	0

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
lipa60a	0	99	1	100	0	0	100	0	1	99	0	100	0	100	0
lipa60b	0	100	0	100	0	0	100	0	48	52	0	100	0	100	0
lipa70a	0	100	0	100	0	1	99	0	0	100	0	100	0	100	0
lipa70b	0	100	0	100	0	0	100	0	51	49	0	100	0	100	0
lipa80a	0	100	0	100	0	0	100	0	0	100	0	100	0	100	0
lipa80b	0	100	0	100	0	0	100	0	27	73	0	100	0	100	0
lipa90a	0	100	0	96	4	0	100	0	0	100	0	100	0	100	0
lipa90b	0	100	0	87	13	1	99	0	3	97	0	100	0	100	0
nug12	0	97	3	100	0	0	100	0	43	57	0	100	0	0	100
nug14	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
nug15	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
nug16a	0	100	0	100	0	1	99	0	0	100	0	100	0	0	100
nug16b	0	98	2	100	0	1	99	0	0	100	0	100	0	0	100
nug17	0	99	1	100	0	1	99	0	0	100	0	100	0	0	100
nug18	0	99	1	100	0	0	100	0	0	100	0	100	0	0	100
nug20	0	99	1	100	0	0	100	0	4	96	0	100	0	14	86
nug21	0	100	0	100	0	0	100	0	19	81	0	100	0	50	50
nug22	0	99	1	100	0	0	100	0	83	17	0	100	0	92	8
nug24	0	96	4	100	0	0	100	0	96	4	0	100	0	98	2
nug25	0	100	0	100	0	0	100	0	99	1	0	100	0	99	1
nug27	0	97	3	100	0	0	100	0	100	0	0	100	0	100	0
nug28	0	98	2	100	0	0	100	0	100	0	0	100	0	100	0
nug30	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
rou12	0	100	0	100	0	0	100	0	29	71	0	100	0	0	100
rou15	0	100	0	100	0	3	97	0	2	98	0	100	0	0	100
rou20	0	100	0	100	0	5	95	0	0	100	0	100	0	9	91
scr12	0	99	1	100	0	0	100	0	17	83	0	100	0	0	100
scr15	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
scr20	0	100	0	100	0	1	99	0	5	95	0	100	0	22	78
sko42	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
sko49	0	98	2	100	0	0	100	0	100	0	0	100	0	100	0
sko56	0	99	1	100	0	0	100	0	100	0	0	100	0	100	0
sko64	0	98	2	100	0	0	100	0	97	3	0	100	0	100	0
sko72	0	99	1	100	0	0	100	0	10	90	0	100	0	100	0
sko81	0	98	2	94	6	0	100	0	0	100	0	100	0	100	0
sko90	2	98	0	72	28	0	100	0	0	100	0	100	0	100	0
sko100a	4	96	0	26	74	1	99	0	0	100	0	100	0	100	0
sko100b	8	92	0	21	79	0	100	0	0	100	0	100	0	100	0
sko100c	4	96	0	21	79	0	100	0	0	100	0	100	0	100	0
sko100d	5	95	0	24	76	0	100	0	0	100	0	100	0	100	0
sko100e	10	90	0	26	74	0	100	0	0	100	0	100	0	100	0
sko100f	14	85	1	20	80	1	99	0	0	100	0	100	0	100	0
ste36a	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
ste36b	0	99	1	100	0	0	100	0	100	0	0	100	0	100	0
ste36c	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai10a	0	100	0	100	0	0	100	0	82	18	0	100	0	0	100
tai10b	0	100	0	100	0	0	100	0	57	43	0	100	0	0	100
tai12a	0	100	0	100	0	0	100	0	16	84	0	100	0	0	100
tai12b	0	100	0	100	0	0	100	0	14	86	0	100	0	0	100
tai15a	0	100	0	100	0	1	99	0	3	97	0	100	0	0	100
tai15b	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
tai17a	0	100	0	100	0	1	99	0	1	99	0	100	0	0	100
tai20a	0	100	0	100	0	0	100	0	1	99	2	98	0	2	98
tai20b	0	100	0	100	0	0	100	0	36	64	0	100	0	53	47
tai25a	0	100	0	100	0	1	99	0	58	42	0	100	0	75	25
tai25b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai30a	0	100	0	100	0	0	100	0	99	1	0	100	0	100	0
tai30b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai35a	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai35b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai40a	0	100	0	100	0	0	100	0	99	1	0	100	0	100	0
tai40b	0	99	1	100	0	0	100	0	100	0	0	100	0	100	0
tai50a	0	100	0	100	0	0	100	0	72	28	0	100	0	100	0
tai50b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai60a	0	100	0	100	0	0	100	0	1	99	0	100	0	100	0
tai60b	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tai64c	0	100	0	100	0	10	90	0	0	100	0	100	0	0	100
tai80a	0	100	0	98	2	1	99	0	0	100	0	100	0	100	0
tai80b	0	100	0	99	1	0	100	0	0	100	0	100	0	100	0
tai100a	2	98	0	46	54	1	99	0	0	100	0	100	0	100	0

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
tai100b	5	95	0	18	82	0	100	0	0	100	0	100	0	100	0
tai150b	95	5	0	0	100	0	100	0	0	100	0	100	0	100	0
tai256c	85	15	0	0	100	81	19	0	0	100	0	100	0	0	100
tho30	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tho40	0	100	0	100	0	0	100	0	100	0	0	100	0	100	0
tho150	88	12	0	0	100	0	100	0	0	100	0	100	0	100	0
wil50	0	99	1	100	0	0	100	0	100	0	0	100	0	100	0
wil100	6	94	0	13	87	0	100	0	0	100	0	100	0	100	0

PFSP

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
tai001 – 020×05	0	33	67	100	0	9	87	4	14	86	0	100	0	0	100
tai002 – 020×05	0	31	69	100	0	0	91	9	27	73	0	100	0	0	100
tai003 – 020×05	0	36	64	100	0	15	85	0	0	100	0	100	0	0	100
tai004 – 020×05	0	56	44	100	0	7	93	0	0	100	0	100	0	0	100
tai005 – 020×05	0	53	47	100	0	9	91	0	0	100	0	100	0	0	100
tai006 – 020×05	0	60	40	100	0	6	94	0	0	100	0	100	0	0	100
tai007 – 020×05	0	99	1	100	0	0	100	0	6	94	0	100	0	0	100
tai008 – 020×05	0	46	54	100	0	5	95	0	0	100	0	100	0	0	100
tai009 – 020×05	0	55	45	100	0	7	93	0	0	100	0	100	0	0	100
tai010 – 020×05	0	47	53	100	0	5	95	0	0	100	0	100	0	0	100
tai011 – 020×10	0	84	16	100	0	2	98	0	0	100	0	100	0	1	99
tai012 – 020×10	0	81	19	100	0	1	99	0	0	100	0	100	0	1	99
tai013 – 020×10	0	95	5	100	0	0	100	0	0	100	0	100	0	0	100
tai014 – 020×10	0	85	15	100	0	0	100	0	0	100	1	99	0	0	100
tai015 – 020×10	0	70	30	100	0	1	99	0	0	100	1	99	0	2	98
tai016 – 020×10	0	77	23	100	0	4	96	0	0	100	0	100	0	0	100
tai017 – 020×10	0	27	73	100	0	1	99	0	0	100	0	100	0	0	100
tai018 – 020×10	0	84	16	100	0	1	99	0	0	100	0	100	0	1	99
tai019 – 020×10	0	59	41	100	0	7	93	0	0	100	0	100	0	0	100
tai020 – 020×10	0	86	14	100	0	2	98	0	0	100	0	100	0	0	100
tai021 – 020×20	0	91	9	100	0	2	98	0	0	100	0	100	0	1	99
tai022 – 020×20	0	88	12	100	0	3	97	0	1	99	0	100	0	5	95
tai023 – 020×20	0	93	7	100	0	1	99	0	0	100	0	100	0	3	97
tai024 – 020×20	0	79	21	100	0	0	100	0	0	100	0	100	0	1	99
tai025 – 020×20	0	95	5	100	0	1	99	0	0	100	1	99	0	1	99
tai026 – 020×20	0	91	9	100	0	0	100	0	0	100	1	99	0	1	99
tai027 – 020×20	0	89	11	100	0	2	98	0	0	100	0	100	0	0	100
tai028 – 020×20	0	93	7	100	0	1	99	0	0	100	0	100	0	0	100
tai029 – 020×20	0	90	10	100	0	1	99	0	0	100	1	99	0	2	98
tai030 – 020×20	0	96	4	100	0	1	99	0	0	100	0	100	0	2	98
tai031 – 050×05	0	86	14	100	0	13	87	0	0	100	0	100	0	0	100
tai032 – 050×05	0	79	21	100	0	43	57	0	0	100	4	96	0	42	58
tai033 – 050×05	0	92	8	100	0	23	77	0	0	100	0	100	0	0	100
tai034 – 050×05	0	55	45	100	0	45	55	0	0	100	0	100	0	8	92
tai035 – 050×05	0	89	11	100	0	7	93	0	0	100	2	98	0	0	100
tai036 – 050×05	0	72	28	100	0	8	92	0	0	100	0	100	0	0	100
tai037 – 050×05	0	72	28	100	0	32	68	0	0	100	0	100	0	97	3
tai038 – 050×05	0	97	3	100	0	9	91	0	0	100	5	95	0	25	75
tai039 – 050×05	0	83	17	100	0	10	90	0	0	100	0	100	0	2	98
tai040 – 050×05	0	87	13	100	0	11	89	0	0	100	0	100	0	0	100
tai041 – 050×10	1	52	47	98	2	31	69	0	0	100	0	95	5	100	0
tai042 – 050×10	0	51	49	98	2	34	66	0	0	100	0	97	3	100	0
tai043 – 050×10	2	51	47	95	5	24	76	0	0	100	0	97	3	100	0
tai044 – 050×10	0	52	48	100	0	31	69	0	0	100	0	100	0	100	0
tai045 – 050×10	1	52	47	97	3	27	73	0	0	100	0	93	7	100	0
tai046 – 050×10	1	76	23	98	2	31	69	0	0	100	0	96	4	100	0
tai047 – 050×10	0	64	36	100	0	45	55	0	0	100	0	95	5	100	0
tai048 – 050×10	0	64	36	99	1	26	74	0	0	100	0	96	4	100	0
tai049 – 050×10	0	69	31	99	1	38	62	0	0	100	0	95	5	100	0
tai050 – 050×10	1	47	52	95	5	35	65	0	0	100	0	93	7	100	0
tai051 – 050×20	2	75	23	93	7	33	67	0	0	100	0	94	6	100	0
tai052 – 050×20	1	53	46	93	7	18	82	0	0	100	0	93	7	100	0
tai053 – 050×20	0	64	36	98	2	24	76	0	0	100	0	99	1	100	0
tai054 – 050×20	0	72	28	97	3	19	81	0	0	100	0	94	6	100	0
tai055 – 050×20	0	85	15	99	1	21	79	0	0	100	0	100	0	100	0
tai056 – 050×20	1	72	27	95	5	16	84	0	0	100	0	95	5	100	0

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
tai057 – 050×20	3	65	32	93	7	18	82	0	0	100	0	94	6	100	0
tai058 – 050×20	1	76	23	98	2	23	77	0	0	100	0	93	7	100	0
tai059 – 050×20	1	79	20	98	2	15	85	0	0	100	0	97	3	100	0
tai060 – 050×20	1	55	44	96	4	26	74	0	0	100	0	92	8	100	0
tai061 – 100×05	0	100	0	0	100	20	80	0	0	100	0	100	0	0	100
tai062 – 100×05	1	99	0	0	100	8	92	0	0	100	12	88	0	0	100
tai063 – 100×05	15	85	0	0	100	81	19	0	0	100	20	80	0	0	100
tai064 – 100×05	5	95	0	0	100	47	53	0	0	100	8	92	0	0	100
tai065 – 100×05	10	90	0	0	100	74	26	0	0	100	7	93	0	0	100
tai066 – 100×05	2	98	0	0	100	19	81	0	0	100	2	98	0	0	100
tai067 – 100×05	0	100	0	0	100	24	76	0	0	100	6	94	0	0	100
tai068 – 100×05	9	91	0	0	100	82	18	0	0	100	6	94	0	0	100
tai069 – 100×05	0	100	0	0	100	60	40	0	0	100	3	97	0	0	100
tai070 – 100×05	7	93	0	0	100	77	23	0	0	100	9	91	0	0	100
tai071 – 100×10	46	54	0	0	100	60	40	0	0	100	1	99	0	24	76
tai072 – 100×10	26	74	0	0	100	64	36	0	0	100	2	98	0	8	92
tai073 – 100×10	50	50	0	0	100	54	46	0	0	100	1	99	0	0	100
tai074 – 100×10	39	61	0	0	100	64	36	0	0	100	1	98	1	78	22
tai075 – 100×10	63	37	0	0	100	62	38	0	0	100	0	100	0	91	9
tai076 – 100×10	34	66	0	0	100	42	58	0	0	100	2	98	0	0	100
tai077 – 100×10	33	67	0	0	100	75	25	0	0	100	1	99	0	1	99
tai078 – 100×10	56	44	0	0	100	80	20	0	0	100	5	95	0	37	63
tai079 – 100×10	57	43	0	0	100	90	10	0	0	100	15	85	0	6	94
tai080 – 100×10	3	97	0	0	100	7	93	0	0	100	3	97	0	0	100
tai081 – 100×20	80	20	0	0	100	72	28	0	0	100	0	75	25	100	0
tai082 – 100×20	82	18	0	0	100	72	28	0	0	100	0	92	8	100	0
tai083 – 100×20	83	17	0	0	100	68	32	0	0	100	0	82	18	100	0
tai084 – 100×20	71	29	0	0	100	56	44	0	0	100	0	96	4	100	0
tai085 – 100×20	77	23	0	0	100	70	30	0	0	100	0	81	19	100	0
tai086 – 100×20	81	19	0	0	100	54	46	0	0	100	0	95	5	100	0
tai087 – 100×20	91	9	0	0	100	74	26	0	0	100	0	81	19	100	0
tai088 – 100×20	89	11	0	0	100	72	28	0	0	100	0	76	24	100	0
tai089 – 100×20	91	9	0	0	100	68	32	0	0	100	0	89	11	100	0
tai090 – 100×20	53	47	0	0	100	77	23	0	0	100	0	94	6	100	0
tai091 – 200×10	71	29	0	0	100	69	31	0	0	100	48	52	0	0	100
tai092 – 200×10	82	18	0	0	100	95	5	0	0	100	35	65	0	0	100
tai093 – 200×10	28	72	0	0	100	81	19	0	0	100	25	75	0	0	100
tai094 – 200×10	93	7	0	0	100	98	2	0	0	100	64	36	0	0	100
tai095 – 200×10	73	27	0	0	100	86	14	0	0	100	14	86	0	0	100
tai096 – 200×10	91	9	0	0	100	91	9	0	0	100	22	78	0	0	100
tai097 – 200×10	79	21	0	0	100	89	11	0	0	100	37	63	0	0	100
tai098 – 200×10	82	18	0	0	100	87	13	0	0	100	27	73	0	0	100
tai099 – 200×10	62	38	0	0	100	94	6	0	0	100	6	94	0	0	100
tai100 – 200×10	87	13	0	0	100	90	10	0	0	100	29	71	0	0	100
tai101 – 200×20	100	0	0	0	100	95	5	0	0	100	25	75	0	0	100
tai102 – 200×20	100	0	0	0	100	92	8	0	0	100	17	83	0	0	100
tai103 – 200×20	100	0	0	0	100	77	23	0	0	100	16	84	0	0	100
tai104 – 200×20	99	1	0	0	100	88	12	0	0	100	27	73	0	0	100
tai105 – 200×20	100	0	0	0	100	93	7	0	0	100	23	77	0	0	100
tai106 – 200×20	99	1	0	0	100	90	10	0	0	100	22	78	0	0	100
tai107 – 200×20	98	2	0	0	100	93	7	0	0	100	24	76	0	0	100
tai108 – 200×20	99	1	0	0	100	95	5	0	0	100	21	79	0	0	100
tai109 – 200×20	99	1	0	0	100	90	10	0	0	100	26	74	0	0	100
tai110 – 200×20	98	2	0	0	100	83	17	0	0	100	7	93	0	0	100
tai111 – 500×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
tai112 – 500×20	100	0	0	0	100	100	0	0	0	100	86	14	0	0	100
tai113 – 500×20	100	0	0	0	100	99	1	0	0	100	79	21	0	0	100
tai114 – 500×20	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
tai115 – 500×20	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
tai116 – 500×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
tai117 – 500×20	100	0	0	0	100	99	1	0	0	100	61	39	0	0	100
tai118 – 500×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
tai119 – 500×20	100	0	0	0	100	100	0	0	0	100	81	19	0	0	100
tai120 – 500×20	100	0	0	0	100	98	2	0	0	100	77	23	0	0	100
vfr001 – 10×05	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr001 – 10×10	0	90	10	100	0	0	100	0	95	5	0	100	0	0	100
vfr001 – 10×15	0	39	61	100	0	0	100	0	89	11	0	100	0	0	100
vfr001 – 10×20	0	98	2	100	0	0	100	0	64	36	0	100	0	0	100
vfr001 – 20×05	0	69	31	100	0	1	99	0	0	100	2	98	0	0	100
vfr001 – 20×10	0	61	39	100	0	1	99	0	0	100	0	100	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr001 – 20×15	0	93	7	100	0	0	100	0	0	100	0	100	0	1	99
vfr001 – 20×20	0	86	14	100	0	0	100	0	0	100	0	100	0	2	98
vfr001 – 30×05	0	74	26	100	0	3	97	0	0	100	0	100	0	0	100
vfr001 – 30×10	0	47	53	100	0	15	85	0	0	100	1	99	0	98	2
vfr001 – 30×15	0	70	30	100	0	2	98	0	0	100	0	100	0	99	1
vfr001 – 30×20	0	89	11	100	0	2	98	0	0	100	0	100	0	100	0
vfr001 – 40×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr001 – 40×10	0	47	53	100	0	12	88	0	0	100	0	96	4	100	0
vfr001 – 40×15	0	47	53	100	0	13	87	0	0	100	0	95	5	100	0
vfr001 – 40×20	0	59	41	100	0	22	78	0	0	100	0	95	5	100	0
vfr001 – 50×05	0	100	0	100	0	1	99	0	0	100	0	100	0	0	100
vfr001 – 50×10	0	59	41	94	6	31	69	0	0	100	0	89	11	100	0
vfr001 – 50×15	1	65	34	95	5	25	75	0	0	100	0	92	8	100	0
vfr001 – 50×20	0	77	23	97	3	23	77	0	0	100	0	100	0	100	0
vfr001 – 60×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr001 – 60×10	5	80	15	68	32	22	78	0	0	100	0	95	5	100	0
vfr001 – 60×15	16	60	24	55	45	55	45	0	0	100	0	90	10	100	0
vfr001 – 60×20	10	76	14	67	33	35	65	0	0	100	0	90	10	100	0
vfr001 – 100×20	87	13	0	0	100	76	24	0	0	100	0	77	23	100	0
vfr001 – 100×40	72	28	0	0	100	58	42	0	0	100	0	95	5	100	0
vfr001 – 100×60	50	50	0	0	100	36	64	0	0	100	0	100	0	100	0
vfr001 – 200×20	100	0	0	0	100	91	9	0	0	100	21	79	0	0	100
vfr001 – 200×40	100	0	0	0	100	100	0	0	0	100	2	98	0	6	94
vfr001 – 200×60	100	0	0	0	100	97	3	0	0	100	5	95	0	7	93
vfr001 – 300×20	100	0	0	0	100	97	3	0	0	100	39	61	0	0	100
vfr001 – 300×40	100	0	0	0	100	99	1	0	0	100	54	46	0	0	100
vfr001 – 300×60	100	0	0	0	100	100	0	0	0	100	41	59	0	0	100
vfr001 – 400×20	100	0	0	0	100	100	0	0	0	100	54	46	0	0	100
vfr001 – 400×40	100	0	0	0	100	100	0	0	0	100	63	37	0	0	100
vfr001 – 400×60	100	0	0	0	100	100	0	0	0	100	53	47	0	0	100
vfr001 – 500×20	100	0	0	0	100	99	1	0	0	100	88	12	0	0	100
vfr001 – 500×40	100	0	0	0	100	100	0	0	0	100	77	23	0	0	100
vfr001 – 500×60	100	0	0	0	100	100	0	0	0	100	81	19	0	0	100
vfr001 – 600×20	100	0	0	0	100	99	1	0	0	100	86	14	0	0	100
vfr001 – 600×40	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
vfr001 – 600×60	100	0	0	0	100	100	0	0	0	100	88	12	0	0	100
vfr001 – 700×20	100	0	0	0	100	100	0	0	0	100	84	16	0	0	100
vfr001 – 700×40	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr001 – 700×60	100	0	0	0	100	100	0	0	0	100	97	3	0	0	100
vfr001 – 800×20	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr001 – 800×40	100	0	0	0	100	100	0	0	0	100	95	5	0	0	100
vfr001 – 800×60	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr002 – 10×05	0	75	25	100	0	0	100	0	100	0	0	100	0	0	100
vfr002 – 10×10	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr002 – 10×15	0	98	2	100	0	0	100	0	78	22	0	100	0	0	100
vfr002 – 10×20	0	100	0	100	0	0	100	0	94	6	0	100	0	0	100
vfr002 – 20×05	0	19	81	100	0	5	95	0	3	97	3	97	0	0	100
vfr002 – 20×10	0	64	36	100	0	1	99	0	2	98	0	100	0	2	98
vfr002 – 20×15	0	73	27	100	0	1	99	0	0	100	0	100	0	4	96
vfr002 – 20×20	0	94	6	100	0	0	100	0	0	100	0	100	0	1	99
vfr002 – 30×05	0	47	53	100	0	10	90	0	0	100	2	98	0	0	100
vfr002 – 30×10	0	59	41	100	0	8	92	0	0	100	0	99	1	100	0
vfr002 – 30×15	0	57	43	100	0	5	95	0	0	100	0	99	1	100	0
vfr002 – 30×20	0	40	60	100	0	5	95	0	0	100	0	100	0	100	0
vfr002 – 40×05	0	69	31	100	0	21	79	0	0	100	0	100	0	0	100
vfr002 – 40×10	0	37	63	100	0	21	79	0	0	100	0	97	3	100	0
vfr002 – 40×15	0	54	46	100	0	15	85	0	0	100	0	94	6	100	0
vfr002 – 40×20	0	83	17	100	0	12	88	0	0	100	0	100	0	100	0
vfr002 – 50×05	0	86	14	100	0	0	100	0	1	99	0	100	0	0	100
vfr002 – 50×10	0	51	49	99	1	24	76	0	0	100	0	95	5	100	0
vfr002 – 50×15	3	60	37	93	7	36	64	0	0	100	0	95	5	100	0
vfr002 – 50×20	1	67	32	98	2	21	79	0	0	100	0	96	4	100	0
vfr002 – 60×05	0	70	30	100	0	20	80	0	0	100	2	98	0	0	100
vfr002 – 60×10	1	71	28	81	19	48	52	0	0	100	0	95	5	100	0
vfr002 – 60×15	18	56	26	53	47	46	54	0	0	100	0	89	11	100	0
vfr002 – 60×20	11	72	17	55	45	37	63	0	0	100	0	94	6	100	0
vfr002 – 100×20	90	10	0	0	100	77	23	0	0	100	0	74	26	100	0
vfr002 – 100×40	58	42	0	0	100	62	38	0	0	100	0	90	10	100	0
vfr002 – 100×60	48	52	0	0	100	50	50	0	0	100	0	99	1	100	0
vfr002 – 200×20	100	0	0	0	100	88	12	0	0	100	24	76	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr002 – 200×40	100	0	0	0	100	98	2	0	0	100	7	93	0	5	95
vfr002 – 200×60	100	0	0	0	100	98	2	0	0	100	5	95	0	5	95
vfr002 – 300×20	100	0	0	0	100	95	5	0	0	100	44	56	0	0	100
vfr002 – 300×40	100	0	0	0	100	100	0	0	0	100	47	53	0	0	100
vfr002 – 300×60	100	0	0	0	100	100	0	0	0	100	42	58	0	0	100
vfr002 – 400×20	100	0	0	0	100	99	1	0	0	100	73	27	0	0	100
vfr002 – 400×40	100	0	0	0	100	100	0	0	0	100	72	28	0	0	100
vfr002 – 400×60	100	0	0	0	100	100	0	0	0	100	74	26	0	0	100
vfr002 – 500×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr002 – 500×40	100	0	0	0	100	100	0	0	0	100	70	30	0	0	100
vfr002 – 500×60	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
vfr002 – 600×20	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr002 – 600×40	100	0	0	0	100	99	1	0	0	100	85	15	0	0	100
vfr002 – 600×60	100	0	0	0	100	100	0	0	0	100	86	14	0	0	100
vfr002 – 700×20	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr002 – 700×40	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr002 – 700×60	100	0	0	0	100	100	0	0	0	100	95	5	0	0	100
vfr002 – 800×20	100	0	0	0	100	100	0	0	0	100	96	4	0	0	100
vfr002 – 800×40	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr002 – 800×60	100	0	0	0	100	100	0	0	0	100	97	3	0	0	100
vfr003 – 10×05	0	99	1	100	0	0	100	0	100	0	0	100	0	0	100
vfr003 – 10×10	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr003 – 10×15	0	100	0	100	0	0	100	0	77	23	0	100	0	0	100
vfr003 – 10×20	0	97	3	100	0	0	100	0	61	39	0	100	0	0	100
vfr003 – 20×05	0	92	8	100	0	0	100	0	3	97	0	100	0	0	100
vfr003 – 20×10	0	49	51	100	0	0	100	0	0	100	0	100	0	0	100
vfr003 – 20×15	0	86	14	100	0	1	99	0	0	100	0	100	0	1	99
vfr003 – 20×20	0	88	12	100	0	1	99	0	0	100	0	100	0	0	100
vfr003 – 30×05	0	41	59	100	0	10	90	0	0	100	0	100	0	0	100
vfr003 – 30×10	0	50	50	100	0	6	94	0	0	100	0	100	0	100	0
vfr003 – 30×15	0	57	43	100	0	3	97	0	0	100	0	100	0	100	0
vfr003 – 30×20	0	88	12	100	0	1	99	0	0	100	0	100	0	100	0
vfr003 – 40×05	0	85	15	100	0	2	98	0	0	100	0	100	0	0	100
vfr003 – 40×10	0	45	55	100	0	20	80	0	0	100	0	99	1	100	0
vfr003 – 40×15	0	71	29	100	0	10	90	0	0	100	0	100	0	100	0
vfr003 – 40×20	0	71	29	100	0	7	93	0	0	100	0	98	2	100	0
vfr003 – 50×05	0	99	1	100	0	47	53	0	0	100	0	100	0	0	100
vfr003 – 50×10	0	62	38	99	1	30	70	0	0	100	0	89	11	100	0
vfr003 – 50×15	0	70	30	93	7	31	69	0	0	100	0	94	6	100	0
vfr003 – 50×20	0	82	18	98	2	20	80	0	0	100	0	99	1	100	0
vfr003 – 60×05	0	96	4	100	0	32	68	0	0	100	1	99	0	0	100
vfr003 – 60×10	6	72	22	64	36	46	54	0	0	100	0	92	8	100	0
vfr003 – 60×15	12	73	15	59	41	48	52	0	0	100	0	92	8	100	0
vfr003 – 60×20	7	77	16	64	36	36	64	0	0	100	0	89	11	100	0
vfr003 – 100×20	89	11	0	0	100	75	25	0	0	100	0	82	18	100	0
vfr003 – 100×40	73	27	0	0	100	66	34	0	0	100	0	94	6	100	0
vfr003 – 100×60	44	56	0	0	100	38	62	0	0	100	0	99	1	100	0
vfr003 – 200×20	100	0	0	0	100	89	11	0	0	100	13	87	0	0	100
vfr003 – 200×40	100	0	0	0	100	98	2	0	0	100	4	96	0	8	92
vfr003 – 200×60	100	0	0	0	100	99	1	0	0	100	5	95	0	4	96
vfr003 – 300×20	100	0	0	0	100	95	5	0	0	100	39	61	0	0	100
vfr003 – 300×40	100	0	0	0	100	100	0	0	0	100	40	60	0	0	100
vfr003 – 300×60	100	0	0	0	100	100	0	0	0	100	41	59	0	0	100
vfr003 – 400×20	100	0	0	0	100	99	1	0	0	100	68	32	0	0	100
vfr003 – 400×40	100	0	0	0	100	100	0	0	0	100	64	36	0	0	100
vfr003 – 400×60	100	0	0	0	100	100	0	0	0	100	69	31	0	0	100
vfr003 – 500×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr003 – 500×40	100	0	0	0	100	100	0	0	0	100	80	20	0	0	100
vfr003 – 500×60	100	0	0	0	100	100	0	0	0	100	79	21	0	0	100
vfr003 – 600×20	100	0	0	0	100	100	0	0	0	100	75	25	0	0	100
vfr003 – 600×40	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr003 – 600×60	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr003 – 700×20	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr003 – 700×40	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr003 – 700×60	100	0	0	0	100	100	0	0	0	100	92	8	0	0	100
vfr003 – 800×20	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr003 – 800×40	100	0	0	0	100	100	0	0	0	100	95	5	0	0	100
vfr003 – 800×60	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr004 – 10×05	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr004 – 10×10	0	100	0	100	0	0	100	0	63	37	0	100	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr004 – 10×15	0	98	2	100	0	0	100	0	67	33	0	100	0	0	100
vfr004 – 10×20	0	97	3	100	0	0	100	0	68	32	0	100	0	0	100
vfr004 – 20×05	0	61	39	100	0	11	89	0	0	100	1	99	0	0	100
vfr004 – 20×10	0	89	11	100	0	0	100	0	0	100	0	100	0	0	100
vfr004 – 20×15	0	92	8	100	0	1	99	0	0	100	1	99	0	0	100
vfr004 – 20×20	0	93	7	100	0	1	99	0	0	100	0	100	0	3	97
vfr004 – 30×05	0	80	20	100	0	1	99	0	0	100	0	100	0	0	100
vfr004 – 30×10	0	69	31	100	0	8	92	0	0	100	0	100	0	100	0
vfr004 – 30×15	0	57	43	100	0	2	98	0	0	100	0	100	0	100	0
vfr004 – 30×20	0	74	26	100	0	1	99	0	0	100	0	100	0	100	0
vfr004 – 40×05	0	100	0	100	0	1	99	0	0	100	0	100	0	0	100
vfr004 – 40×10	0	36	64	100	0	24	76	0	0	100	0	96	4	100	0
vfr004 – 40×15	0	67	33	100	0	6	94	0	0	100	0	100	0	100	0
vfr004 – 40×20	0	86	14	100	0	10	90	0	0	100	0	100	0	100	0
vfr004 – 50×05	0	56	44	100	0	20	80	0	0	100	4	96	0	0	100
vfr004 – 50×10	0	73	27	98	2	17	83	0	0	100	0	91	9	100	0
vfr004 – 50×15	1	75	24	97	3	20	80	0	0	100	0	93	7	100	0
vfr004 – 50×20	1	73	26	98	2	20	80	0	0	100	0	98	2	100	0
vfr004 – 60×05	0	100	0	100	0	7	93	0	0	100	0	100	0	0	100
vfr004 – 60×10	2	75	23	78	22	28	72	0	0	100	0	99	1	100	0
vfr004 – 60×15	8	68	24	59	41	47	53	0	0	100	0	83	17	100	0
vfr004 – 60×20	7	77	16	54	46	38	62	0	0	100	0	89	11	100	0
vfr004 – 100×20	89	11	0	0	100	65	35	0	0	100	0	72	28	100	0
vfr004 – 100×40	75	25	0	0	100	72	28	0	0	100	0	90	10	100	0
vfr004 – 100×60	58	42	0	0	100	53	47	0	0	100	0	98	2	100	0
vfr004 – 200×20	100	0	0	0	100	93	7	0	0	100	14	86	0	0	100
vfr004 – 200×40	100	0	0	0	100	97	3	0	0	100	10	89	1	10	90
vfr004 – 200×60	100	0	0	0	100	97	3	0	0	100	5	95	0	6	94
vfr004 – 300×20	100	0	0	0	100	100	0	0	0	100	45	55	0	0	100
vfr004 – 300×40	100	0	0	0	100	99	1	0	0	100	44	56	0	0	100
vfr004 – 300×60	100	0	0	0	100	100	0	0	0	100	43	57	0	0	100
vfr004 – 400×20	100	0	0	0	100	100	0	0	0	100	69	31	0	0	100
vfr004 – 400×40	100	0	0	0	100	100	0	0	0	100	66	34	0	0	100
vfr004 – 400×60	100	0	0	0	100	100	0	0	0	100	67	33	0	0	100
vfr004 – 500×20	100	0	0	0	100	100	0	0	0	100	73	27	0	0	100
vfr004 – 500×40	100	0	0	0	100	100	0	0	0	100	76	24	0	0	100
vfr004 – 500×60	100	0	0	0	100	100	0	0	0	100	79	21	0	0	100
vfr004 – 600×20	100	0	0	0	100	100	0	0	0	100	84	16	0	0	100
vfr004 – 600×40	100	0	0	0	100	100	0	0	0	100	79	21	0	0	100
vfr004 – 600×60	100	0	0	0	100	100	0	0	0	100	90	10	0	0	100
vfr004 – 700×20	100	0	0	0	100	99	1	0	0	100	89	11	0	0	100
vfr004 – 700×40	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr004 – 700×60	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr004 – 800×20	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr004 – 800×40	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr004 – 800×60	100	0	0	0	100	100	0	0	0	100	97	3	0	0	100
vfr005 – 10×05	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr005 – 10×10	0	99	1	100	0	0	100	0	100	0	0	100	0	0	100
vfr005 – 10×15	0	99	1	100	0	0	100	0	76	24	0	100	0	0	100
vfr005 – 10×20	0	100	0	100	0	0	100	0	90	10	0	100	0	0	100
vfr005 – 20×05	0	95	5	100	0	0	100	0	0	100	0	100	0	0	100
vfr005 – 20×10	0	82	18	100	0	6	94	0	0	100	0	100	0	1	99
vfr005 – 20×15	0	59	41	100	0	7	93	0	0	100	1	99	0	0	100
vfr005 – 20×20	0	75	25	100	0	2	98	0	0	100	0	100	0	0	100
vfr005 – 30×05	0	100	0	100	0	0	100	0	1	99	0	100	0	0	100
vfr005 – 30×10	0	32	68	100	0	7	93	0	0	100	1	98	1	96	4
vfr005 – 30×15	0	52	48	100	0	1	99	0	0	100	0	96	4	100	0
vfr005 – 30×20	0	82	18	100	0	0	100	0	0	100	0	100	0	100	0
vfr005 – 40×05	0	60	40	100	0	2	98	0	0	100	0	100	0	0	100
vfr005 – 40×10	0	30	70	100	0	12	88	0	0	100	0	94	6	100	0
vfr005 – 40×15	0	42	58	100	0	22	78	0	0	100	0	94	6	100	0
vfr005 – 40×20	0	89	11	100	0	6	94	0	0	100	0	100	0	100	0
vfr005 – 50×05	0	95	5	100	0	17	83	0	0	100	0	100	0	0	100
vfr005 – 50×10	0	71	29	100	0	22	78	0	0	100	0	100	0	100	0
vfr005 – 50×15	0	78	22	95	5	30	70	0	0	100	0	98	2	100	0
vfr005 – 50×20	0	85	15	97	3	23	77	0	0	100	0	95	5	100	0
vfr005 – 60×05	0	100	0	100	0	4	96	0	0	100	0	100	0	0	100
vfr005 – 60×10	8	62	30	69	31	43	57	0	0	100	0	85	15	100	0
vfr005 – 60×15	7	69	24	73	27	48	52	0	0	100	0	93	7	100	0
vfr005 – 60×20	1	81	18	77	23	42	58	0	0	100	0	90	10	100	0

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr005 – 100×20	93	7	0	0	100	77	23	0	0	100	0	76	24	100	0
vfr005 – 100×40	78	22	0	0	100	60	40	0	0	100	0	94	6	100	0
vfr005 – 100×60	53	47	0	0	100	44	56	0	0	100	0	96	4	100	0
vfr005 – 200×20	99	1	0	0	100	93	7	0	0	100	26	74	0	0	100
vfr005 – 200×40	100	0	0	0	100	98	2	0	0	100	2	98	0	23	77
vfr005 – 200×60	100	0	0	0	100	95	5	0	0	100	4	96	0	7	93
vfr005 – 300×20	100	0	0	0	100	97	3	0	0	100	49	51	0	0	100
vfr005 – 300×40	100	0	0	0	100	100	0	0	0	100	46	54	0	0	100
vfr005 – 300×60	100	0	0	0	100	100	0	0	0	100	32	68	0	0	100
vfr005 – 400×20	100	0	0	0	100	100	0	0	0	100	63	37	0	0	100
vfr005 – 400×40	100	0	0	0	100	100	0	0	0	100	67	33	0	0	100
vfr005 – 400×60	100	0	0	0	100	100	0	0	0	100	73	27	0	0	100
vfr005 – 500×20	100	0	0	0	100	98	2	0	0	100	56	44	0	0	100
vfr005 – 500×40	100	0	0	0	100	100	0	0	0	100	74	26	0	0	100
vfr005 – 500×60	100	0	0	0	100	100	0	0	0	100	88	12	0	0	100
vfr005 – 600×20	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr005 – 600×40	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
vfr005 – 600×60	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr005 – 700×20	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr005 – 700×40	100	0	0	0	100	100	0	0	0	100	88	12	0	0	100
vfr005 – 700×60	100	0	0	0	100	100	0	0	0	100	96	4	0	0	100
vfr005 – 800×20	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr005 – 800×40	100	0	0	0	100	100	0	0	0	100	92	8	0	0	100
vfr005 – 800×60	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr006 – 10×05	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr006 – 10×10	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr006 – 10×15	0	100	0	100	0	0	100	0	86	14	0	100	0	0	100
vfr006 – 10×20	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr006 – 20×05	0	67	33	100	0	0	100	0	0	100	0	100	0	0	100
vfr006 – 20×10	0	80	20	100	0	1	99	0	0	100	0	100	0	0	100
vfr006 – 20×15	0	87	13	100	0	3	97	0	0	100	0	100	0	7	93
vfr006 – 20×20	0	75	25	100	0	0	100	0	1	99	0	100	0	2	98
vfr006 – 30×05	0	100	0	100	0	0	100	0	95	5	0	100	0	0	100
vfr006 – 30×10	0	37	63	100	0	6	94	0	0	100	0	100	0	100	0
vfr006 – 30×15	0	75	25	100	0	0	100	0	0	100	0	100	0	100	0
vfr006 – 30×20	0	90	10	100	0	0	100	0	0	100	0	100	0	98	2
vfr006 – 40×05	0	90	10	100	0	1	99	0	0	100	0	100	0	0	100
vfr006 – 40×10	0	35	65	100	0	31	69	0	0	100	0	96	4	100	0
vfr006 – 40×15	0	67	33	100	0	8	92	0	0	100	0	96	4	100	0
vfr006 – 40×20	0	50	50	100	0	13	87	0	0	100	0	96	4	100	0
vfr006 – 50×05	0	63	37	100	0	57	43	0	0	100	0	100	0	0	100
vfr006 – 50×10	0	79	21	100	0	39	61	0	0	100	0	98	2	100	0
vfr006 – 50×15	0	68	32	94	6	23	77	0	0	100	0	97	3	100	0
vfr006 – 50×20	0	77	23	100	0	12	88	0	0	100	0	98	2	100	0
vfr006 – 60×05	0	84	16	100	0	30	70	0	0	100	0	100	0	2	98
vfr006 – 60×10	15	63	22	56	44	44	56	0	0	100	0	90	10	100	0
vfr006 – 60×15	13	71	16	56	44	36	64	0	0	100	0	87	13	100	0
vfr006 – 60×20	8	76	16	73	27	30	70	0	0	100	0	96	4	100	0
vfr006 – 100×20	96	4	0	0	100	72	28	0	0	100	0	81	19	100	0
vfr006 – 100×40	75	25	0	0	100	59	41	0	0	100	0	90	10	100	0
vfr006 – 100×60	52	48	0	0	100	39	61	0	0	100	0	97	3	100	0
vfr006 – 200×20	100	0	0	0	100	94	6	0	0	100	30	70	0	0	100
vfr006 – 200×40	100	0	0	0	100	99	1	0	0	100	9	91	0	7	93
vfr006 – 200×60	100	0	0	0	100	95	5	0	0	100	2	98	0	6	94
vfr006 – 300×20	100	0	0	0	100	98	2	0	0	100	44	56	0	0	100
vfr006 – 300×40	100	0	0	0	100	100	0	0	0	100	41	59	0	0	100
vfr006 – 300×60	100	0	0	0	100	100	0	0	0	100	44	56	0	0	100
vfr006 – 400×20	100	0	0	0	100	99	1	0	0	100	70	30	0	0	100
vfr006 – 400×40	100	0	0	0	100	100	0	0	0	100	69	31	0	0	100
vfr006 – 400×60	100	0	0	0	100	100	0	0	0	100	71	29	0	0	100
vfr006 – 500×20	100	0	0	0	100	100	0	0	0	100	80	20	0	0	100
vfr006 – 500×40	100	0	0	0	100	100	0	0	0	100	76	24	0	0	100
vfr006 – 500×60	100	0	0	0	100	100	0	0	0	100	82	18	0	0	100
vfr006 – 600×20	100	0	0	0	100	100	0	0	0	100	92	8	0	0	100
vfr006 – 600×40	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
vfr006 – 600×60	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr006 – 700×20	100	0	0	0	100	100	0	0	0	100	84	16	0	0	100
vfr006 – 700×40	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr006 – 700×60	100	0	0	0	100	100	0	0	0	100	90	10	0	0	100
vfr006 – 800×20	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr006 – 800×40	100	0	0	0	100	100	0	0	0	100	92	8	0	0	100
vfr006 – 800×60	100	0	0	0	100	100	0	0	0	100	98	2	0	0	100
vfr007 – 10×05	0	35	65	100	0	0	100	0	100	0	0	100	0	0	100
vfr007 – 10×10	0	98	2	100	0	0	100	0	96	4	0	100	0	0	100
vfr007 – 10×15	0	81	19	100	0	0	100	0	100	0	0	100	0	0	100
vfr007 – 10×20	0	100	0	100	0	0	100	0	85	15	0	100	0	0	100
vfr007 – 20×05	0	53	47	100	0	2	98	0	0	100	0	100	0	0	100
vfr007 – 20×10	0	66	34	100	0	0	100	0	0	100	1	99	0	0	100
vfr007 – 20×15	0	65	35	100	0	4	96	0	0	100	0	100	0	0	100
vfr007 – 20×20	0	85	15	100	0	2	98	0	0	100	1	99	0	0	100
vfr007 – 30×05	0	100	0	100	0	0	100	0	11	89	0	100	0	0	100
vfr007 – 30×10	0	49	51	100	0	2	98	0	0	100	0	100	0	100	0
vfr007 – 30×15	0	90	10	100	0	2	98	0	0	100	0	100	0	100	0
vfr007 – 30×20	0	38	62	100	0	2	98	0	0	100	0	100	0	100	0
vfr007 – 40×05	0	98	2	100	0	0	100	0	0	100	0	100	0	0	100
vfr007 – 40×10	0	78	22	100	0	3	97	0	0	100	0	98	2	100	0
vfr007 – 40×15	0	48	52	100	0	14	86	0	0	100	0	96	4	100	0
vfr007 – 40×20	0	74	26	100	0	5	95	0	0	100	0	99	1	100	0
vfr007 – 50×05	0	100	0	100	0	8	92	0	0	100	0	100	0	0	100
vfr007 – 50×10	0	50	50	100	0	24	76	0	0	100	0	96	4	100	0
vfr007 – 50×15	1	67	32	95	5	25	75	0	0	100	0	95	5	100	0
vfr007 – 50×20	2	73	25	97	3	27	73	0	0	100	0	100	0	100	0
vfr007 – 60×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr007 – 60×10	3	77	20	91	9	43	57	0	0	100	0	85	15	100	0
vfr007 – 60×15	9	75	16	58	42	43	57	0	0	100	0	86	14	100	0
vfr007 – 60×20	9	70	21	72	28	43	57	0	0	100	0	84	16	100	0
vfr007 – 100×20	92	8	0	0	100	78	22	0	0	100	0	79	21	100	0
vfr007 – 100×40	73	27	0	0	100	59	41	0	0	100	0	91	9	100	0
vfr007 – 100×60	57	43	0	0	100	45	55	0	0	100	0	97	3	100	0
vfr007 – 200×20	100	0	0	0	100	92	8	0	0	100	21	79	0	0	100
vfr007 – 200×40	100	0	0	0	100	99	1	0	0	100	5	95	0	3	97
vfr007 – 200×60	100	0	0	0	100	97	3	0	0	100	5	95	0	3	97
vfr007 – 300×20	100	0	0	0	100	98	2	0	0	100	43	57	0	0	100
vfr007 – 300×40	100	0	0	0	100	99	1	0	0	100	45	55	0	0	100
vfr007 – 300×60	100	0	0	0	100	100	0	0	0	100	47	53	0	0	100
vfr007 – 400×20	100	0	0	0	100	98	2	0	0	100	71	29	0	0	100
vfr007 – 400×40	100	0	0	0	100	99	1	0	0	100	58	42	0	0	100
vfr007 – 400×60	100	0	0	0	100	100	0	0	0	100	76	24	0	0	100
vfr007 – 500×20	100	0	0	0	100	98	2	0	0	100	77	23	0	0	100
vfr007 – 500×40	100	0	0	0	100	100	0	0	0	100	77	23	0	0	100
vfr007 – 500×60	100	0	0	0	100	100	0	0	0	100	82	18	0	0	100
vfr007 – 600×20	100	0	0	0	100	100	0	0	0	100	90	10	0	0	100
vfr007 – 600×40	100	0	0	0	100	100	0	0	0	100	85	15	0	0	100
vfr007 – 600×60	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr007 – 700×20	100	0	0	0	100	100	0	0	0	100	89	11	0	0	100
vfr007 – 700×40	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr007 – 700×60	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr007 – 800×20	100	0	0	0	100	100	0	0	0	100	96	4	0	0	100
vfr007 – 800×40	100	0	0	0	100	100	0	0	0	100	95	5	0	0	100
vfr007 – 800×60	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100
vfr008 – 10×05	0	100	0	100	0	0	100	0	99	1	0	100	0	0	100
vfr008 – 10×10	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr008 – 10×15	0	88	12	100	0	0	100	0	61	39	0	100	0	0	100
vfr008 – 10×20	0	100	0	100	0	0	100	0	93	7	0	100	0	0	100
vfr008 – 20×05	0	61	39	100	0	3	97	0	0	100	0	100	0	0	100
vfr008 – 20×10	0	48	52	100	0	0	100	0	0	100	0	100	0	0	100
vfr008 – 20×15	0	89	11	100	0	2	98	0	0	100	0	100	0	3	97
vfr008 – 20×20	0	97	3	100	0	3	97	0	0	100	0	100	0	0	100
vfr008 – 30×05	0	36	64	100	0	18	82	0	0	100	5	95	0	2	98
vfr008 – 30×10	0	57	43	100	0	5	95	0	0	100	0	100	0	100	0
vfr008 – 30×15	0	79	21	100	0	0	100	0	1	99	0	100	0	100	0
vfr008 – 30×20	0	85	15	100	0	2	98	0	0	100	0	100	0	99	1
vfr008 – 40×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr008 – 40×10	0	39	61	100	0	9	91	0	0	100	0	96	4	100	0
vfr008 – 40×15	0	76	24	100	0	8	92	0	0	100	0	98	2	100	0
vfr008 – 40×20	0	76	24	100	0	7	93	0	0	100	0	99	1	100	0
vfr008 – 50×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr008 – 50×10	0	60	40	97	3	25	75	0	0	100	0	96	4	100	0
vfr008 – 50×15	0	66	34	97	3	26	74	0	0	100	0	95	5	100	0
vfr008 – 50×20	0	79	21	96	4	16	84	0	0	100	0	99	1	100	0

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr008 – 60×05	0	96	4	100	0	25	75	0	0	100	0	100	0	3	97
vfr008 – 60×10	0	85	15	98	2	49	51	0	0	100	0	100	0	100	0
vfr008 – 60×15	5	71	24	70	30	37	63	0	0	100	0	90	10	100	0
vfr008 – 60×20	6	83	11	65	35	28	72	0	0	100	0	93	7	100	0
vfr008 – 100×20	92	8	0	0	100	81	19	0	0	100	0	85	15	100	0
vfr008 – 100×40	75	25	0	0	100	67	33	0	0	100	0	91	9	100	0
vfr008 – 100×60	53	47	0	0	100	46	54	0	0	100	0	99	1	100	0
vfr008 – 200×20	100	0	0	0	100	87	13	0	0	100	24	76	0	0	100
vfr008 – 200×40	100	0	0	0	100	99	1	0	0	100	8	92	0	3	97
vfr008 – 200×60	100	0	0	0	100	96	4	0	0	100	4	96	0	6	94
vfr008 – 300×20	100	0	0	0	100	98	2	0	0	100	45	55	0	0	100
vfr008 – 300×40	100	0	0	0	100	100	0	0	0	100	36	64	0	0	100
vfr008 – 300×60	100	0	0	0	100	100	0	0	0	100	39	61	0	0	100
vfr008 – 400×20	100	0	0	0	100	99	1	0	0	100	69	31	0	0	100
vfr008 – 400×40	100	0	0	0	100	100	0	0	0	100	63	37	0	0	100
vfr008 – 400×60	100	0	0	0	100	100	0	0	0	100	59	41	0	0	100
vfr008 – 500×20	100	0	0	0	100	99	1	0	0	100	73	27	0	0	100
vfr008 – 500×40	100	0	0	0	100	100	0	0	0	100	76	24	0	0	100
vfr008 – 500×60	100	0	0	0	100	100	0	0	0	100	84	16	0	0	100
vfr008 – 600×20	100	0	0	0	100	99	1	0	0	100	72	28	0	0	100
vfr008 – 600×40	100	0	0	0	100	100	0	0	0	100	77	23	0	0	100
vfr008 – 600×60	100	0	0	0	100	100	0	0	0	100	88	12	0	0	100
vfr008 – 700×20	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr008 – 700×40	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr008 – 700×60	100	0	0	0	100	100	0	0	0	100	93	7	0	0	100
vfr008 – 800×20	100	0	0	0	100	100	0	0	0	100	96	4	0	0	100
vfr008 – 800×40	100	0	0	0	100	100	0	0	0	100	92	8	0	0	100
vfr008 – 800×60	100	0	0	0	100	100	0	0	0	100	97	3	0	0	100
vfr009 – 10×05	0	93	7	100	0	0	100	0	96	4	0	100	0	0	100
vfr009 – 10×10	0	91	9	100	0	0	100	0	86	14	0	100	0	0	100
vfr009 – 10×15	0	98	2	100	0	0	100	0	99	1	0	100	0	0	100
vfr009 – 10×20	0	100	0	100	0	0	100	0	40	60	0	100	0	0	100
vfr009 – 20×05	0	91	9	100	0	0	100	0	0	100	0	100	0	0	100
vfr009 – 20×10	0	79	21	100	0	2	98	0	0	100	0	100	0	1	99
vfr009 – 20×15	0	78	22	100	0	1	99	0	0	100	0	100	0	3	97
vfr009 – 20×20	0	95	5	100	0	0	100	0	0	100	1	99	0	0	100
vfr009 – 30×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr009 – 30×10	0	59	41	100	0	1	99	0	0	100	0	100	0	100	0
vfr009 – 30×15	0	75	25	100	0	0	100	0	0	100	0	100	0	100	0
vfr009 – 30×20	0	81	19	100	0	1	99	0	0	100	0	99	1	97	3
vfr009 – 40×05	0	70	30	100	0	17	83	0	0	100	0	100	0	0	100
vfr009 – 40×10	0	37	63	100	0	23	77	0	0	100	0	99	1	100	0
vfr009 – 40×15	0	80	20	100	0	5	95	0	0	100	0	100	0	100	0
vfr009 – 40×20	0	78	22	100	0	6	94	0	0	100	0	100	0	100	0
vfr009 – 50×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr009 – 50×10	0	93	7	100	0	11	89	0	0	100	0	100	0	100	0
vfr009 – 50×15	0	59	41	93	7	34	66	0	0	100	0	89	11	100	0
vfr009 – 50×20	1	76	23	98	2	28	72	0	0	100	0	94	6	100	0
vfr009 – 60×05	0	81	19	100	0	42	58	0	0	100	0	100	0	4	96
vfr009 – 60×10	0	93	7	100	0	13	87	0	0	100	0	100	0	100	0
vfr009 – 60×15	12	70	18	60	40	44	56	0	0	100	0	83	17	100	0
vfr009 – 60×20	8	66	26	74	26	34	66	0	0	100	0	83	17	100	0
vfr009 – 100×20	88	12	0	0	100	74	26	0	0	100	0	78	22	100	0
vfr009 – 100×40	66	34	0	0	100	65	35	0	0	100	0	96	4	100	0
vfr009 – 100×60	50	50	0	0	100	47	53	0	0	100	0	96	4	100	0
vfr009 – 200×20	100	0	0	0	100	92	8	0	0	100	22	78	0	0	100
vfr009 – 200×40	100	0	0	0	100	99	1	0	0	100	5	95	0	13	87
vfr009 – 200×60	100	0	0	0	100	98	2	0	0	100	3	97	0	4	96
vfr009 – 300×20	100	0	0	0	100	98	2	0	0	100	45	55	0	0	100
vfr009 – 300×40	100	0	0	0	100	99	1	0	0	100	36	64	0	0	100
vfr009 – 300×60	100	0	0	0	100	100	0	0	0	100	52	48	0	0	100
vfr009 – 400×20	100	0	0	0	100	100	0	0	0	100	62	38	0	0	100
vfr009 – 400×40	100	0	0	0	100	100	0	0	0	100	62	38	0	0	100
vfr009 – 400×60	100	0	0	0	100	100	0	0	0	100	73	27	0	0	100
vfr009 – 500×20	100	0	0	0	100	100	0	0	0	100	82	18	0	0	100
vfr009 – 500×40	100	0	0	0	100	100	0	0	0	100	76	24	0	0	100
vfr009 – 500×60	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr009 – 600×20	100	0	0	0	100	100	0	0	0	100	81	19	0	0	100
vfr009 – 600×40	100	0	0	0	100	100	0	0	0	100	77	23	0	0	100
vfr009 – 600×60	100	0	0	0	100	100	0	0	0	100	88	12	0	0	100

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Table 1: *Continued from previous page*

Dataset	$L_h = 1$					$L_h = 5000$					$L_h = 50000$				
	Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)		Cost (CCP vs. 2%)			Iterations (CCP vs. 2%)	
	<	=	>	<	>	<	=	>	<	>	<	=	>	<	>
vfr009 – 700×20	100	0	0	0	100	100	0	0	0	100	97	3	0	0	100
vfr009 – 700×40	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr009 – 700×60	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr009 – 800×20	100	0	0	0	100	100	0	0	0	100	86	14	0	0	100
vfr009 – 800×40	100	0	0	0	100	100	0	0	0	100	95	5	0	0	100
vfr009 – 800×60	100	0	0	0	100	100	0	0	0	100	96	4	0	0	100
vfr010 – 10×05	0	100	0	100	0	0	100	0	100	0	0	100	0	0	100
vfr010 – 10×10	0	85	15	100	0	0	100	0	100	0	0	100	0	0	100
vfr010 – 10×15	0	99	1	100	0	0	100	0	100	0	0	100	0	0	100
vfr010 – 10×20	0	100	0	100	0	0	100	0	92	8	0	100	0	0	100
vfr010 – 20×05	0	99	1	100	0	1	99	0	0	100	0	100	0	0	100
vfr010 – 20×10	0	56	44	100	0	3	97	0	1	99	0	100	0	4	96
vfr010 – 20×15	0	91	9	100	0	0	100	0	0	100	0	100	0	0	100
vfr010 – 20×20	0	46	54	100	0	4	96	0	0	100	0	100	0	0	100
vfr010 – 30×05	0	62	38	100	0	13	87	0	0	100	0	100	0	0	100
vfr010 – 30×10	0	50	50	100	0	5	95	0	0	100	0	100	0	100	0
vfr010 – 30×15	0	68	32	100	0	7	93	0	0	100	0	100	0	95	5
vfr010 – 30×20	0	86	14	100	0	1	99	0	0	100	0	100	0	100	0
vfr010 – 40×05	0	100	0	100	0	0	100	0	0	100	0	100	0	0	100
vfr010 – 40×10	0	33	67	100	0	21	79	0	0	100	0	97	3	100	0
vfr010 – 40×15	0	62	38	100	0	12	88	0	0	100	0	95	5	100	0
vfr010 – 40×20	0	84	16	100	0	11	89	0	0	100	0	99	1	100	0
vfr010 – 50×05	0	90	10	100	0	33	67	0	0	100	0	100	0	0	100
vfr010 – 50×10	0	71	29	100	0	10	90	0	0	100	0	94	6	100	0
vfr010 – 50×15	2	58	40	98	2	39	61	0	0	100	0	97	3	100	0
vfr010 – 50×20	0	77	23	96	4	26	74	0	0	100	0	96	4	100	0
vfr010 – 60×05	0	100	0	100	0	0	100	0	1	99	0	100	0	0	100
vfr010 – 60×10	2	73	25	88	12	43	57	0	0	100	0	93	7	100	0
vfr010 – 60×15	9	62	29	65	35	33	67	0	0	100	0	86	14	100	0
vfr010 – 60×20	8	70	22	67	33	30	70	0	0	100	0	93	7	100	0
vfr010 – 100×20	92	8	0	0	100	75	25	0	0	100	0	85	15	100	0
vfr010 – 100×40	70	30	0	0	100	65	35	0	0	100	0	94	6	100	0
vfr010 – 100×60	42	58	0	0	100	47	53	0	0	100	0	98	2	100	0
vfr010 – 200×20	100	0	0	0	100	92	8	0	0	100	13	87	0	0	100
vfr010 – 200×40	100	0	0	0	100	99	1	0	0	100	6	94	0	4	96
vfr010 – 200×60	100	0	0	0	100	99	1	0	0	100	4	96	0	4	96
vfr010 – 300×20	100	0	0	0	100	93	7	0	0	100	36	64	0	0	100
vfr010 – 300×40	100	0	0	0	100	100	0	0	0	100	38	62	0	0	100
vfr010 – 300×60	100	0	0	0	100	100	0	0	0	100	43	57	0	0	100
vfr010 – 400×20	100	0	0	0	100	99	1	0	0	100	61	39	0	0	100
vfr010 – 400×40	100	0	0	0	100	100	0	0	0	100	58	42	0	0	100
vfr010 – 400×60	100	0	0	0	100	100	0	0	0	100	63	37	0	0	100
vfr010 – 500×20	100	0	0	0	100	100	0	0	0	100	59	41	0	0	100
vfr010 – 500×40	100	0	0	0	100	100	0	0	0	100	74	26	0	0	100
vfr010 – 500×60	100	0	0	0	100	100	0	0	0	100	79	21	0	0	100
vfr010 – 600×20	100	0	0	0	100	99	1	0	0	100	90	10	0	0	100
vfr010 – 600×40	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr010 – 600×60	100	0	0	0	100	100	0	0	0	100	87	13	0	0	100
vfr010 – 700×20	100	0	0	0	100	89	11	0	0	100	16	84	0	0	100
vfr010 – 700×40	100	0	0	0	100	100	0	0	0	100	83	17	0	0	100
vfr010 – 700×60	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr010 – 800×20	100	0	0	0	100	100	0	0	0	100	99	1	0	0	100
vfr010 – 800×40	100	0	0	0	100	100	0	0	0	100	91	9	0	0	100
vfr010 – 800×60	100	0	0	0	100	100	0	0	0	100	94	6	0	0	100

Table 2: Results obtained by LAHC on seven TSP instances with both stopping criteria, CCP and 2% of total search time, using $L_h \in \{1, 5000, 50000\}$. The CCP cutoff time is calculated using a confidence level $p = 0.95$. The results are averaged over 100 independent runs. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
d657	2%	0.25	**515**	0.05	**23594**	0.02	219937
	ccp	**0.13**	5396	**0.05**	26679	0.02	**218830**
u724	2%	0.23	**698**	0.05	**26656**	0.03	245732
	ccp	**0.13**	6777	**0.05**	30739	0.03	**244866**

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Table 2: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
rat783	2%	0.24	**774**	0.06	**28195**	0.03	259162
	ccp	**0.13**	8308	**0.06**	33018	0.03	**258763**
dsj1000	2%	0.18	**1962**	0.05	**40646**	0.02	**363879**
	ccp	**0.14**	13189	**0.05**	48323	0.02	364651
pr1002	2%	0.19	**1838**	0.05	**40633**	0.02	**364699**
	ccp	**0.14**	13591	**0.05**	48528	0.02	365490
u1060	2%	0.17	**2252**	0.05	**43576**	0.02	**388940**
	ccp	**0.14**	17635	**0.05**	54775	0.02	390690
vm1084	2%	0.19	**2398**	0.05	**45711**	0.03	**401890**
	ccp	**0.14**	16143	**0.05**	55355	0.03	403407
pcb1173	2%	0.19	**2751**	0.07	**49698**	0.03	**437050**
	ccp	**0.15**	18749	**0.07**	61139	0.03	439607
d1291	2%	0.25	**3735**	0.07	**57450**	0.03	**494171**
	ccp	**0.19**	25150	**0.07**	72407	0.03	498249
rl1304	2%	0.22	**4183**	0.07	**59108**	0.03	**504785**
	ccp	**0.17**	24466	**0.07**	73541	0.03	508833
rl1323	2%	0.22	**4309**	0.06	**60459**	0.03	**513434**
	ccp	**0.17**	25110	**0.06**	75126	0.03	517750
nrw1379	2%	0.16	**3694**	0.07	**59887**	0.03	**520334**
	ccp	**0.13**	25904	**0.07**	76054	0.03	525852
fl1400	2%	0.12	**3954**	0.03	**57279**	0.01	**491071**
	ccp	**0.08**	50808	**0.03**	92114	**0.01**	500415
u1432	2%	0.16	**3678**	0.05	**65775**	0.02	**557985**
	ccp	**0.09**	56519	**0.05**	106073	**0.02**	570563
fl1577	2%	0.20	**6546**	0.06	**74369**	0.02	**618350**
	ccp	**0.15**	55302	**0.06**	114133	**0.02**	633245
d1655	2%	0.19	**6931**	0.07	**79124**	0.04	**660650**
	ccp	**0.16**	49703	**0.07**	113135	**0.04**	675212
vm1748	2%	0.16	**8257**	0.06	**86368**	0.03	**712242**
	ccp	**0.14**	47366	**0.06**	116566	0.03	724488
u1817	2%	0.21	**8297**	0.09	**92454**	0.04	**752937**
	ccp	**0.17**	73886	**0.09**	146745	**0.04**	774134
rl1889	2%	0.19	**10691**	0.08	**97782**	0.04	**788916**
	ccp	**0.17**	54244	**0.08**	134546	0.04	805356
d2103	2%	0.23	**12318**	0.11	**111923**	0.07	**879397**
	ccp	**0.20**	80838	**0.11**	164641	**0.07**	903148
u2152	2%	0.20	**12741**	0.09	**115321**	0.04	**923093**
	ccp	**0.17**	115059	**0.09**	202446	**0.04**	967607
u2319	2%	0.08	**9436**	0.03	**124619**	0.02	**968811**
	ccp	**0.03**	207031	**0.02**	276355	**0.02**	1043247
pr2392	2%	0.17	**16714**	0.08	**129377**	0.04	**1026521**
	ccp	**0.16**	87714	**0.08**	186142	0.04	1057515
pcb3038	2%	0.16	**28181**	0.09	**175972**	0.05	**1340996**
	ccp	**0.15**	143730	**0.09**	273159	0.05	1400291
fl3795	2%	0.15	**61248**	0.08	**266016**	0.05	**1812087**
	ccp	**0.12**	523236	**0.08**	678098	**0.05**	2142854
fnl4461	2%	0.14	**64994**	0.09	**298539**	0.05	**2107620**
	ccp	**0.13**	315894	**0.09**	521294	0.05	2258021
rl5915	2%	0.19	**168374**	0.12	**543071**	0.06	**3128480**
	ccp	**0.18**	650387	**0.12**	976649	**0.06**	3425433
rl5934	2%	0.19	**172701**	0.12	**533000**	0.06	**3117058**
	ccp	**0.18**	643924	**0.12**	968002	**0.06**	3457224
brd14051	2%	0.13	**949751**	0.11	**1869730**	0.07	**8661990**
	ccp	**0.13**	3680605	**0.11**	4456230	**0.07**	10781969
d15112	2%	0.13	**1068998**	0.11	**2073672**	0.07	**9508700**
	ccp	**0.13**	4062973	**0.11**	4958517	**0.07**	11939113

Table 3: Results obtained by LAHC on 17 Taillard's instances of QAP of size larger than 30 taken from QAPLIB with both stopping criteria, CCP and 2% of total search time, using $L_h \in \{1, 5000, 50000\}$. The CCP cutoff time is calculated using a confidence level $p = 0.95$. The results are averaged over 100 independent runs. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
bur26a	2%	0.00	100	0.00	322	0.00	3331
	ccp	0.00	**5**	0.00	**320**	0.00	**3314**

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Table 3: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
bur26b	2%	0.00	100	0.00	300	0.00	3126
	ccp	0.00	**5**	0.00	**299**	0.00	**3118**
bur26c	2%	0.01	100	0.00	327	0.00	3395
	ccp	0.01	**5**	0.00	**326**	0.00	**3377**
bur26d	2%	0.01	100	0.00	311	0.00	3203
	ccp	0.01	**5**	0.00	**310**	0.00	**3189**
bur26e	2%	0.00	100	0.00	329	0.00	3448
	ccp	0.00	**5**	0.00	**327**	0.00	**3429**
bur26f	2%	0.00	100	0.00	306	0.00	3202
	ccp	0.00	**5**	0.00	**305**	0.00	**3188**
bur26g	2%	0.00	100	0.00	333	0.00	3418
	ccp	0.00	**5**	0.00	**331**	0.00	**3400**
bur26h	2%	0.01	100	0.00	312	0.00	3227
	ccp	0.01	**5**	0.00	**311**	0.00	**3213**
chr12a	2%	0.53	100	0.06	**109**	0.01	**1145**
	ccp	0.53	**1**	0.06	111	0.01	1223
chr12b	2%	0.58	100	0.02	**118**	0.00	**1265**
	ccp	0.58	**1**	0.02	124	0.00	1336
chr12c	2%	0.46	100	0.04	105	0.00	**1051**
	ccp	0.46	**1**	0.04	105	0.00	1135
chr15a	2%	0.57	100	0.10	**129**	0.02	**1391**
	ccp	0.57	**1**	0.10	136	0.02	1461
chr15b	2%	0.59	100	0.17	**140**	0.08	**1525**
	ccp	0.59	**1**	0.17	148	0.08	1578
chr15c	2%	0.69	100	0.21	**127**	0.09	**1398**
	ccp	0.69	**1**	0.21	135	0.09	1461
chr18a	2%	0.70	100	0.19	**174**	0.09	**1890**
	ccp	0.70	**2**	0.19	179	0.09	1927
chr18b	2%	**0.13**	100	0.01	**171**	0.00	**1820**
	ccp	0.13	**2**	0.01	175	0.00	1851
chr20a	2%	0.47	100	0.17	**193**	0.10	**2048**
	ccp	0.47	**2**	0.17	198	0.10	2076
chr20b	2%	0.42	100	0.16	**175**	0.10	**1825**
	ccp	0.42	**2**	0.16	180	0.10	1862
chr20c	2%	0.87	100	0.23	**221**	0.13	**2367**
	ccp	0.87	**2**	0.23	225	0.13	2399
chr22a	2%	0.14	100	0.05	**227**	0.03	2518
	ccp	0.14	**3**	0.05	228	0.03	2523
chr22b	2%	0.14	100	0.06	**213**	0.04	**2233**
	ccp	0.14	**3**	0.06	216	0.04	2249
chr25a	2%	0.57	100	0.25	**278**	0.17	2884
	ccp	0.57	**4**	0.24	279	0.17	**2877**
els19	2%	0.29	100	0.13	**222**	0.09	**2337**
	ccp	0.29	**2**	0.13	226	0.09	2355
esc16a	2%	**0.00**	100	0.00	100	0.00	**775**
	ccp	0.00	**1**	0.00	**80**	0.00	844
esc16b	2%	0.00	100	0.00	100	0.00	**460**
	ccp	0.00	**1**	0.00	**50**	0.00	523
esc16c	2%	**0.00**	100	0.00	100	0.00	**923**
	ccp	0.00	**1**	0.00	**93**	0.00	982
esc16d	2%	**0.00**	100	0.00	100	0.00	**702**
	ccp	0.01	**1**	0.00	**73**	0.00	766
esc16e	2%	**0.00**	100	0.00	100	0.00	**626**
	ccp	0.01	**1**	0.00	**66**	0.00	692
esc16f	2%	0.00	100	0.00	100	0.00	100
	ccp	0.00	**1**	0.00	**5**	0.00	**50**
esc16g	2%	0.00	100	0.00	100	0.00	**698**
	ccp	0.00	**1**	0.00	**72**	0.00	761
esc16h	2%	0.00	100	0.00	100	0.00	**810**
	ccp	0.00	**1**	0.00	**83**	0.00	892
esc16i	2%	0.00	100	0.00	100	0.00	**643**
	ccp	0.00	**1**	0.00	**67**	0.00	713
esc16j	2%	0.00	100	0.00	100	0.00	**488**
	ccp	0.01	**1**	0.00	**52**	0.00	551
esc32a	2%	**0.12**	100	0.06	268	0.02	2789
	ccp	0.13	**9**	0.06	**267**	0.02	**2784**
esc32b	2%	**0.13**	100	0.10	**232**	0.03	**2400**
	ccp	0.14	**8**	0.10	233	0.03	2407
esc32c	2%	0.00	100	0.00	**164**	0.00	**1723**
	ccp	0.00	**6**	0.00	169	0.00	1754
esc32d	2%	**0.02**	100	0.00	**187**	0.00	**1929**

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Table 3: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
	ccp	0.02	**7**	0.00	189	0.00	1953
esc32e	2%	0.00	100	0.00	100	0.00	**516**
	ccp	0.00	**5**	0.00	**56**	0.00	600
esc32g	2%	0.00	100	0.00	100	0.00	**564**
	ccp	0.00	**5**	0.00	**60**	0.00	639
esc32h	2%	**0.02**	100	0.00	**197**	0.00	**2054**
	ccp	0.03	**7**	0.00	199	0.00	2075
esc64a	2%	0.00	100	0.00	**183**	0.00	**1876**
	ccp	0.00	**25**	0.00	202	0.00	1905
esc128	2%	0.02	**100**	0.02	**334**	0.00	**3407**
	ccp	0.02	131	**0.01**	442	0.00	3438
had12	2%	0.01	100	0.00	**109**	0.00	**1161**
	ccp	0.01	**1**	0.00	115	0.00	1217
had14	2%	**0.01**	100	0.00	**139**	0.00	**1471**
	ccp	0.01	**1**	0.00	145	0.00	1515
had16	2%	**0.01**	100	0.00	**172**	0.00	**1798**
	ccp	0.01	**2**	0.00	177	0.00	1838
had18	2%	**0.01**	100	0.00	**196**	0.00	**2059**
	ccp	0.01	**2**	0.00	199	0.00	2084
had20	2%	0.01	100	0.00	**228**	0.00	**2371**
	ccp	0.01	**3**	0.00	230	0.00	2385
kra30a	2%	**0.07**	100	0.02	387	0.01	4047
	ccp	0.07	**7**	0.02	**385**	0.01	**4016**
kra30b	2%	**0.05**	100	0.01	384	0.00	4011
	ccp	0.05	**7**	0.01	**381**	0.00	**3981**
kra32	2%	0.06	100	0.02	418	0.01	4366
	ccp	0.06	**8**	0.02	**414**	0.01	**4328**
lipa20a	2%	0.03	100	0.01	**217**	0.00	2401
	ccp	0.03	**2**	0.01	219	0.00	2440
lipa20b	2%	0.15	100	0.02	**270**	0.00	2912
	ccp	0.15	**2**	0.01	273	0.00	**2906**
lipa30a	2%	0.02	100	0.01	382	0.00	4440
	ccp	0.02	**6**	0.01	**379**	0.00	**4401**
lipa30b	2%	0.16	100	0.01	480	0.00	5121
	ccp	0.16	**6**	0.01	**476**	0.00	**5068**
lipa40a	2%	0.01	100	0.01	498	0.01	5768
	ccp	0.01	**12**	0.01	**496**	0.01	**5703**
lipa40b	2%	0.18	100	0.00	726	0.00	7422
	ccp	0.18	**12**	0.00	**719**	0.00	**7324**
lipa50a	2%	0.01	100	0.01	652	0.00	8048
	ccp	0.01	**20**	0.01	651	0.00	**7937**
lipa50b	2%	0.18	100	0.01	953	0.00	9897
	ccp	0.18	**21**	0.01	**947**	0.00	**9749**
lipa60a	2%	0.01	100	0.01	**784**	0.01	9175
	ccp	0.01	**31**	0.01	787	0.01	**9041**
lipa60b	2%	0.20	100	0.10	1015	0.00	12536
	ccp	0.20	**32**	0.10	**1013**	0.00	**12335**
lipa70a	2%	0.01	100	0.01	**965**	0.01	11093
	ccp	0.01	**44**	0.01	972	0.01	**10921**
lipa70b	2%	0.21	100	0.10	1280	0.00	15360
	ccp	0.21	**46**	0.10	1281	0.00	**15103**
lipa80a	2%	0.01	100	0.01	**1101**	0.01	11513
	ccp	0.01	**61**	0.01	1114	0.01	**11333**
lipa80b	2%	0.21	100	0.15	**1356**	0.01	18235
	ccp	0.21	**63**	0.15	1363	0.01	**17920**
lipa90a	2%	0.01	100	0.01	**1306**	0.01	13855
	ccp	0.01	**75**	0.01	1325	0.01	**13628**
lipa90b	2%	0.22	100	0.18	**1482**	0.01	21316
	ccp	0.22	**81**	0.18	1499	0.01	**20939**
nug12	2%	0.04	100	0.00	102	0.00	**1015**
	ccp	0.05	**1**	0.00	101	0.00	1078
nug14	2%	0.05	100	0.01	**126**	0.00	**1385**
	ccp	0.05	**1**	0.01	132	0.00	1436
nug15	2%	0.04	100	0.00	**140**	0.00	**1508**
	ccp	0.04	**1**	0.00	147	0.00	1548
nug16a	2%	0.05	100	0.01	**159**	0.00	**1675**
	ccp	0.05	**1**	0.01	164	0.00	1709
nug16b	2%	0.05	100	0.00	**157**	0.00	**1657**
	ccp	0.05	**1**	0.00	163	0.00	1699
nug17	2%	0.04	100	0.01	**168**	0.00	**1806**

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Table 3: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
	ccp	0.04	**2**	0.01	173	0.00	1840
nug18	2%	0.04	100	0.01	**182**	0.00	**1892**
	ccp	0.04	**2**	0.01	186	0.00	1918
nug20	2%	0.04	100	0.01	**216**	0.00	**2281**
	ccp	0.04	**3**	0.01	218	0.00	2297
nug21	2%	0.04	100	0.01	**235**	0.00	2487
	ccp	0.04	**3**	0.01	237	0.00	2492
nug22	2%	0.03	100	0.01	264	0.00	2750
	ccp	0.03	**3**	0.01	**264**	0.00	**2746**
nug24	2%	0.04	100	0.01	288	0.00	3003
	ccp	0.04	**4**	0.01	**288**	0.00	**2994**
nug25	2%	0.03	100	0.00	304	0.00	3188
	ccp	0.03	**5**	0.00	**303**	0.00	**3175**
nug27	2%	0.04	100	0.01	347	0.00	3618
	ccp	0.04	**5**	0.01	**345**	0.00	**3595**
nug28	2%	0.04	100	0.01	354	0.00	3748
	ccp	0.04	**6**	0.01	**352**	0.00	**3723**
nug30	2%	0.04	100	0.01	404	0.00	4127
	ccp	0.04	**7**	0.01	**401**	0.00	**4095**
rou12	2%	0.06	100	0.00	**109**	0.00	**1107**
	ccp	0.06	**1**	0.00	111	0.00	1169
rou15	2%	0.07	100	0.02	**133**	0.00	**1472**
	ccp	0.07	**1**	0.02	139	0.00	1514
rou20	2%	0.05	100	0.02	**192**	0.01	**2130**
	ccp	0.05	**2**	**0.02**	198	0.01	2146
scr12	2%	0.07	100	0.00	**107**	0.00	**1121**
	ccp	0.07	**1**	0.00	110	0.00	1187
scr15	2%	0.11	100	0.02	**152**	0.00	**1624**
	ccp	0.11	**1**	0.02	158	0.00	1660
scr20	2%	0.10	100	0.02	**224**	0.00	**2351**
	ccp	0.10	**2**	0.02	227	0.00	2365
sko42	2%	0.03	100	0.00	646	0.00	6689
	ccp	0.03	**15**	0.00	**641**	0.00	**6605**
sko49	2%	0.03	100	0.00	785	0.00	8088
	ccp	0.03	**22**	0.00	**781**	0.00	**7976**
sko56	2%	0.03	100	0.00	957	0.00	9815
	ccp	0.03	**29**	0.00	**954**	0.00	**9669**
sko64	2%	0.02	100	0.00	1154	0.00	11700
	ccp	0.02	**42**	0.00	**1153**	0.00	**11516**
sko72	2%	0.02	100	0.00	**1345**	0.00	13641
	ccp	0.02	**54**	0.00	1346	0.00	**13418**
sko81	2%	0.02	100	0.00	**1572**	0.00	15862
	ccp	0.02	**71**	0.00	1576	0.00	**15594**
sko90	2%	0.02	100	0.00	**1798**	0.00	18282
	ccp	0.02	**91**	0.00	1808	0.00	**17967**
sko100a	2%	0.02	**100**	0.00	**2068**	0.00	20967
	ccp	0.02	116	0.00	2085	0.00	**20603**
sko100b	2%	0.02	**100**	0.00	**2077**	0.00	20904
	ccp	**0.02**	118	0.00	2092	0.00	**20543**
sko100c	2%	0.02	**100**	0.00	**2090**	0.00	21101
	ccp	0.02	116	0.00	2105	0.00	**20736**
sko100d	2%	0.02	**100**	0.00	**2066**	0.00	20904
	ccp	**0.02**	115	0.00	2082	0.00	**20543**
sko100e	2%	0.02	**100**	0.00	**2106**	0.00	21190
	ccp	**0.02**	118	0.00	2121	0.00	**20823**
sko100f	2%	0.02	**100**	0.00	**2062**	0.00	20957
	ccp	**0.02**	124	0.00	2079	0.00	**20594**
ste36a	2%	0.11	100	0.02	525	0.01	5463
	ccp	0.11	**10**	0.02	**520**	0.01	**5404**
ste36b	2%	0.20	100	0.03	543	0.01	5616
	ccp	0.20	**10**	0.03	**538**	0.01	**5554**
ste36c	2%	0.09	100	0.01	539	0.00	5561
	ccp	0.09	**10**	0.01	**534**	0.00	**5500**
tai10a	2%	0.06	100	0.00	100	0.00	**871**
	ccp	0.06	**0**	0.00	**87**	0.00	953
tai10b	2%	0.11	100	0.00	101	0.00	**1000**
	ccp	0.11	**0**	0.00	**96**	0.00	1075
tai12a	2%	0.10	100	0.01	**112**	0.00	**1203**
	ccp	0.10	**1**	0.01	117	0.00	1262
tai12b	2%	0.14	100	0.03	**111**	0.00	**1166**

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Table 3: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
	ccp	0.14	**1**	0.03	117	0.00	1241
tai15a	2%	0.05	100	0.01	**131**	0.00	**1408**
	ccp	0.05	**1**	0.01	136	0.00	1451
tai15b	2%	0.01	100	0.00	**155**	0.00	**1699**
	ccp	0.01	**1**	0.00	162	0.00	1738
tai17a	2%	0.05	100	0.02	**155**	0.01	**1652**
	ccp	0.05	**2**	0.02	159	0.01	1687
tai20a	2%	0.06	100	0.02	**192**	0.01	**1998**
	ccp	0.06	**2**	0.02	197	0.01	2035
tai20b	2%	0.13	100	0.04	**235**	0.02	2499
	ccp	0.13	**3**	0.04	239	0.02	2522
tai25a	2%	0.06	100	0.03	255	0.02	2713
	ccp	0.06	**4**	0.03	256	0.02	**2710**
tai25b	2%	0.14	100	0.02	337	0.01	3511
	ccp	0.14	**4**	0.02	**335**	0.01	**3491**
tai30a	2%	0.05	100	0.03	335	0.02	3443
	ccp	0.05	**6**	0.03	**333**	0.02	**3424**
tai30b	2%	0.13	100	0.03	427	0.03	4435
	ccp	0.13	**7**	0.03	**424**	0.03	**4396**
tai35a	2%	0.05	100	0.03	406	0.02	4121
	ccp	0.05	**9**	0.03	**404**	0.02	**4088**
tai35b	2%	0.08	100	0.02	526	0.02	5395
	ccp	0.08	**10**	0.02	**521**	0.02	**5337**
tai40a	2%	0.05	100	0.03	480	0.02	5004
	ccp	0.05	**13**	0.03	**478**	0.02	**4954**
tai40b	2%	0.10	100	0.02	640	0.02	6538
	ccp	0.10	**13**	0.02	**634**	0.02	**6458**
tai50a	2%	0.05	100	0.03	645	0.03	6621
	ccp	0.05	**21**	0.03	**645**	0.03	**6539**
tai50b	2%	0.07	100	0.01	860	0.00	8709
	ccp	0.07	**23**	0.01	**855**	0.00	**8585**
tai60a	2%	0.04	100	0.03	**809**	0.03	8292
	ccp	0.04	**33**	0.03	811	0.03	**8176**
tai60b	2%	0.06	100	0.01	1102	0.00	11147
	ccp	0.06	**35**	0.01	**1099**	0.00	**10974**
tai64c	2%	0.01	100	0.00	**132**	0.00	**1429**
	ccp	0.01	**27**	**0.00**	158	0.00	1485
tai80a	2%	0.04	100	0.03	**1142**	0.02	11874
	ccp	0.04	**64**	0.03	1155	0.02	**11687**
tai80b	2%	0.05	100	0.01	**1592**	0.01	16081
	ccp	0.05	**69**	0.01	1595	0.01	**15810**
tai100a	2%	0.04	100	0.03	**1534**	0.02	15754
	ccp	0.04	104	0.03	1563	0.02	**15496**
tai100b	2%	0.05	**100**	0.00	**2144**	0.00	21482
	ccp	**0.05**	115	0.00	2158	0.00	**21109**
tai150b	2%	0.03	**105**	0.01	**3576**	0.00	35435
	ccp	**0.03**	318	0.01	3642	0.00	**34864**
tai256c	2%	0.01	**100**	0.00	**789**	0.00	**8187**
	ccp	**0.00**	608	**0.00**	1358	0.00	8466
tho30	2%	0.05	100	0.01	416	0.00	4279
	ccp	0.05	**6**	0.01	**413**	0.00	**4243**
tho40	2%	0.05	100	0.01	604	0.00	6303
	ccp	0.05	**13**	0.01	**599**	0.00	**6227**
tho150	2%	0.02	**101**	0.00	**3591**	0.00	35930
	ccp	**0.02**	285	0.00	3657	0.00	**35349**
wil50	2%	0.01	100	0.00	822	0.00	8368
	ccp	0.01	**23**	0.00	**818**	0.00	**8251**
wil100	2%	0.01	**100**	0.00	**2066**	0.00	21076
	ccp	**0.01**	122	0.00	2082	0.00	**20711**

Table 4: Results obtained by LAHC on 12 PFSP Taillard's instances with both stopping criteria, CCP and 2% of total search time, using $L_h \in \{1, 5000, 50000\}$. The CCP cutoff time is calculated using a confidence level $p = 0.95$. The results are averaged over 100 independent runs. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
tai001 – 020×05	0.01	2%	**0.00**	100	0.00	**115**	0.00	**1403**
		ccp	0.00	**4**	0.00	120	0.00	1524
tai002 – 020×05	0.00	2%	**0.00**	100	**0.00**	109	0.00	**1133**
		ccp	0.00	**4**	0.00	**109**	0.00	1199
tai003 – 020×05	0.05	2%	**0.00**	100	0.01	**167**	0.00	**1982**
		ccp	0.01	**5**	**0.01**	177	0.00	2015
tai004 – 020×05	0.02	2%	**0.01**	100	0.00	**187**	0.00	**2026**
		ccp	0.01	**5**	**0.00**	192	0.00	2046
tai005 – 020×05	0.06	2%	**0.01**	100	0.00	**146**	0.00	**1613**
		ccp	0.01	**5**	**0.00**	157	0.00	1658
tai006 – 020×05	0.03	2%	**0.01**	100	0.01	**141**	0.00	**1673**
		ccp	0.01	**4**	**0.01**	149	0.00	1752
tai007 – 020×05	0.04	2%	0.01	100	0.01	**109**	0.01	**1161**
		ccp	0.01	**3**	0.01	116	0.01	1223
tai008 – 020×05	0.01	2%	**0.00**	100	0.00	**168**	0.00	**1833**
		ccp	0.01	**5**	**0.00**	175	0.00	1864
tai009 – 020×05	0.05	2%	**0.01**	100	0.00	**164**	0.00	**1787**
		ccp	0.01	**6**	**0.00**	174	0.00	1823
tai010 – 020×05	0.04	2%	**0.00**	100	0.00	**173**	0.00	**1826**
		ccp	0.01	**6**	**0.00**	182	0.00	1855
tai011 – 020×10	0.06	2%	**0.01**	100	0.01	**209**	0.00	**2171**
		ccp	0.01	**5**	0.00	211	0.00	2189
tai012 – 020×10	0.08	2%	**0.02**	100	0.01	**203**	0.00	**2090**
		ccp	0.02	**5**	0.01	206	0.00	2111
tai013 – 020×10	0.04	2%	**0.02**	100	0.01	**199**	0.01	**2098**
		ccp	0.02	**5**	0.01	201	0.01	2115
tai014 – 020×10	0.05	2%	**0.02**	100	0.01	**199**	0.00	**2109**
		ccp	0.02	**5**	0.01	202	0.00	2138
tai015 – 020×10	0.06	2%	**0.03**	100	0.01	**206**	0.00	**2176**
		ccp	0.03	**5**	0.01	209	0.00	2206
tai016 – 020×10	0.04	2%	**0.02**	100	0.01	**190**	0.00	**2100**
		ccp	0.02	**5**	0.01	195	0.00	2123
tai017 – 020×10	0.05	2%	**0.02**	100	0.00	**202**	0.00	**2157**
		ccp	0.02	**4**	0.00	205	0.00	2175
tai018 – 020×10	0.05	2%	**0.03**	100	0.01	**193**	0.01	**2044**
		ccp	0.03	**5**	0.01	197	0.01	2069
tai019 – 020×10	0.03	2%	**0.01**	100	0.01	**171**	0.00	**1917**
		ccp	0.02	**5**	**0.01**	182	0.00	1941
tai020 – 020×10	0.04	2%	**0.02**	100	0.01	**192**	0.01	**2022**
		ccp	0.02	**5**	0.01	196	0.01	2046
tai021 – 020×20	0.05	2%	**0.02**	100	0.01	**196**	0.00	**2109**
		ccp	0.02	**5**	0.01	200	0.00	2130
tai022 – 020×20	0.02	2%	**0.02**	100	0.01	**204**	0.00	**2175**
		ccp	0.02	**5**	0.01	208	0.00	2195
tai023 – 020×20	0.04	2%	**0.02**	100	0.01	**193**	0.00	**2019**
		ccp	0.02	**5**	0.01	196	0.00	2047
tai024 – 020×20	0.02	2%	**0.01**	100	0.01	**208**	0.00	**2159**
		ccp	0.01	**5**	0.01	211	0.00	2176
tai025 – 020×20	0.05	2%	**0.02**	100	0.01	**194**	0.00	**2038**
		ccp	0.02	**5**	0.01	198	0.00	2066
tai026 – 020×20	0.06	2%	**0.02**	100	0.01	**199**	0.00	**2053**
		ccp	0.02	**5**	0.01	202	0.00	2087
tai027 – 020×20	0.04	2%	**0.02**	100	0.01	**200**	0.00	**2094**
		ccp	0.02	**5**	0.01	203	0.00	2119
tai028 – 020×20	0.02	2%	**0.02**	100	0.01	**197**	0.00	**2109**
		ccp	0.02	**4**	0.01	200	0.00	2133
tai029 – 020×20	0.03	2%	**0.02**	100	0.01	**199**	0.00	**2115**
		ccp	0.02	**5**	0.01	202	0.00	2139
tai030 – 020×20	0.05	2%	0.02	100	0.01	**210**	0.00	**2195**
		ccp	0.02	**5**	0.01	213	0.00	2213
tai031 – 050×05	0.00	2%	**0.00**	100	0.00	**147**	0.00	**1610**
		ccp	0.00	**28**	**0.00**	182	0.00	1657
tai032 – 050×05	0.00	2%	**0.00**	100	0.00	**179**	0.00	**2428**
		ccp	0.00	**35**	**0.00**	255	0.00	2465
tai033 – 050×05	0.00	2%	**0.00**	100	0.00	**204**	0.00	**2220**
		ccp	0.00	**29**	**0.00**	241	0.00	2236

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
tai034 – 050×05	0.01	2%	**0.00**	100	0.01	**188**	0.00	**2326**
		ccp	0.01	**43**	**0.01**	246	0.00	2350
tai035 – 050×05	0.00	2%	**0.00**	100	0.00	**158**	0.00	**1711**
		ccp	0.00	**27**	**0.00**	191	0.00	1755
tai036 – 050×05	0.00	2%	**0.00**	100	0.00	**205**	0.00	**2133**
		ccp	0.00	**30**	**0.00**	232	0.00	2162
tai037 – 050×05	0.01	2%	**0.00**	100	0.00	**240**	0.00	2673
		ccp	0.00	**39**	**0.00**	281	0.00	**2673**
tai038 – 050×05	0.00	2%	0.00	100	0.00	**198**	0.00	**2265**
		ccp	0.00	**29**	**0.00**	232	**0.00**	2315
tai039 – 050×05	0.01	2%	**0.00**	100	0.00	**215**	0.00	**2271**
		ccp	0.00	**32**	**0.00**	249	0.00	2283
tai040 – 050×05	0.00	2%	**0.00**	100	0.00	**166**	0.00	**1728**
		ccp	0.00	**44**	**0.00**	201	0.00	1754
tai041 – 050×10	0.06	2%	**0.03**	100	0.03	**386**	**0.02**	4819
		ccp	0.04	**40**	**0.03**	438	0.02	**4705**
tai042 – 050×10	0.05	2%	**0.02**	100	0.02	**438**	0.02	4857
		ccp	0.02	**55**	**0.02**	494	0.02	**4792**
tai043 – 050×10	0.07	2%	**0.03**	100	0.02	**504**	0.01	5509
		ccp	0.03	**61**	**0.02**	542	0.01	**5416**
tai044 – 050×10	0.04	2%	**0.01**	100	0.01	**404**	0.00	4496
		ccp	0.01	**51**	**0.01**	451	0.00	**4454**
tai045 – 050×10	0.06	2%	**0.02**	100	0.02	**464**	**0.01**	5157
		ccp	0.02	**59**	**0.02**	505	0.01	**5056**
tai046 – 050×10	0.06	2%	**0.02**	100	0.02	**378**	0.01	4560
		ccp	0.03	**57**	**0.02**	432	0.01	**4496**
tai047 – 050×10	0.06	2%	**0.02**	100	0.02	**349**	**0.01**	4090
		ccp	0.02	**45**	**0.02**	411	0.01	**4005**
tai048 – 050×10	0.05	2%	**0.01**	100	0.01	**409**	0.00	4467
		ccp	0.01	**55**	**0.01**	452	0.00	**4404**
tai049 – 050×10	0.04	2%	**0.01**	100	0.01	**439**	**0.01**	5050
		ccp	0.01	**49**	**0.01**	493	0.01	**4956**
tai050 – 050×10	0.06	2%	**0.02**	100	0.02	**423**	**0.01**	4930
		ccp	0.02	**58**	**0.02**	476	0.01	**4800**
tai051 – 050×20	0.07	2%	**0.05**	100	0.04	**536**	**0.04**	5819
		ccp	0.05	**58**	**0.04**	579	0.04	**5722**
tai052 – 050×20	0.07	2%	**0.04**	100	0.03	**557**	**0.02**	6184
		ccp	0.04	**59**	**0.03**	588	0.02	**6058**
tai053 – 050×20	0.08	2%	**0.05**	100	0.04	**536**	0.03	5863
		ccp	0.05	**56**	**0.04**	573	0.03	**5787**
tai054 – 050×20	0.10	2%	**0.06**	100	0.05	**551**	**0.04**	5952
		ccp	0.06	**60**	**0.05**	583	0.04	**5847**
tai055 – 050×20	0.08	2%	**0.05**	100	0.04	**579**	0.03	6193
		ccp	0.05	**54**	**0.04**	612	0.03	**6111**
tai056 – 050×20	0.07	2%	**0.04**	100	0.03	**541**	**0.02**	5829
		ccp	0.04	**61**	**0.03**	571	0.02	**5716**
tai057 – 050×20	0.08	2%	**0.04**	100	0.03	**560**	**0.02**	6072
		ccp	0.04	**63**	**0.03**	595	0.02	**5968**
tai058 – 050×20	0.08	2%	**0.06**	100	0.04	**555**	**0.04**	6044
		ccp	0.06	**56**	**0.04**	590	0.04	**5922**
tai059 – 050×20	0.08	2%	**0.06**	100	0.05	**560**	0.04	6034
		ccp	0.06	**52**	**0.05**	588	0.04	**5937**
tai060 – 050×20	0.10	2%	**0.05**	100	0.04	**508**	**0.03**	5925
		ccp	0.05	**56**	**0.04**	559	0.03	**5795**
tai061 – 100×05	0.00	2%	0.00	**100**	0.00	**180**	0.00	**1951**
		ccp	0.00	133	**0.00**	317	0.00	2039
tai062 – 100×05	0.00	2%	0.00	**100**	0.00	**180**	0.00	**1924**
		ccp	0.00	128	**0.00**	320	**0.00**	2072
tai063 – 100×05	0.01	2%	0.00	**100**	0.01	**198**	0.00	**2673**
		ccp	**0.00**	164	**0.00**	440	**0.00**	2907
tai064 – 100×05	0.00	2%	0.00	**100**	0.00	**183**	0.00	**2171**
		ccp	**0.00**	141	**0.00**	386	**0.00**	2287
tai065 – 100×05	0.00	2%	0.00	**100**	0.00	**225**	0.00	**2465**
		ccp	**0.00**	162	**0.00**	414	**0.00**	2577
tai066 – 100×05	0.00	2%	0.00	**100**	0.00	**187**	0.00	**2114**
		ccp	0.00	127	**0.00**	348	0.00	2224
tai067 – 100×05	0.00	2%	0.00	**100**	0.00	**207**	0.00	**2311**
		ccp	0.00	129	**0.00**	403	**0.00**	2459
tai068 – 100×05	0.01	2%	0.00	**100**	0.00	**205**	0.00	**2765**
		ccp	**0.00**	162	**0.00**	449	**0.00**	2893
tai069 – 100×05	0.01	2%	0.00	**100**	0.00	**212**	0.00	**2563**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.00	135	**0.00**	399	0.00	2645
tai070 – 100×05	0.00	2%	0.00	**100**	0.00	**211**	0.00	**2546**
		ccp	**0.00**	164	**0.00**	419	**0.00**	2689
tai071 – 100×10	0.02	2%	0.01	**100**	0.01	**514**	0.00	**5773**
		ccp	**0.01**	221	**0.00**	746	0.00	5780
tai072 – 100×10	0.02	2%	0.01	**100**	0.01	**506**	0.01	**5430**
		ccp	**0.00**	198	**0.01**	704	0.01	5463
tai073 – 100×10	0.02	2%	0.01	**100**	0.01	**441**	0.00	**4814**
		ccp	**0.00**	238	**0.00**	645	0.00	4849
tai074 – 100×10	0.04	2%	0.01	**100**	0.01	**568**	0.01	**6355**
		ccp	**0.01**	231	**0.01**	785	0.01	6360
tai075 – 100×10	0.04	2%	0.01	**100**	0.01	**593**	0.01	6378
		ccp	**0.01**	279	**0.01**	805	0.01	**6370**
tai076 – 100×10	0.02	2%	0.00	**100**	0.01	**489**	0.00	**5108**
		ccp	**0.00**	195	**0.00**	649	0.00	5137
tai077 – 100×10	0.03	2%	0.01	**100**	0.01	**420**	0.00	**5069**
		ccp	**0.01**	218	**0.01**	692	0.00	5094
tai078 – 100×10	0.02	2%	0.01	**100**	0.01	**468**	0.01	**5667**
		ccp	**0.01**	239	**0.01**	739	**0.01**	5744
tai079 – 100×10	0.02	2%	0.01	**100**	0.02	**348**	0.01	**4917**
		ccp	**0.01**	257	**0.01**	752	**0.01**	5121
tai080 – 100×10	0.02	2%	0.01	**100**	0.01	**369**	0.01	**3774**
		ccp	0.01	128	**0.01**	489	0.01	3836
tai081 – 100×20	0.08	2%	0.05	**100**	0.05	**884**	**0.03**	10785
		ccp	**0.04**	335	**0.04**	1178	0.03	**10360**
tai082 – 100×20	0.06	2%	0.03	**100**	0.03	**873**	**0.02**	9951
		ccp	**0.03**	334	**0.02**	1146	0.02	**9800**
tai083 – 100×20	0.06	2%	0.03	**100**	0.03	**886**	**0.02**	10149
		ccp	**0.03**	336	**0.02**	1172	0.02	**9910**
tai084 – 100×20	0.05	2%	0.03	**100**	0.03	**768**	0.02	8433
		ccp	**0.02**	283	**0.02**	998	0.02	**8349**
tai085 – 100×20	0.06	2%	0.04	**100**	0.04	**794**	**0.03**	9201
		ccp	**0.03**	300	**0.03**	1082	0.03	**8950**
tai086 – 100×20	0.08	2%	0.04	**100**	0.04	**816**	**0.03**	8894
		ccp	**0.03**	318	**0.03**	1035	0.03	**8767**
tai087 – 100×20	0.08	2%	0.04	**100**	0.04	**972**	**0.03**	10576
		ccp	**0.04**	366	**0.03**	1247	0.03	**10273**
tai088 – 100×20	0.07	2%	0.05	**100**	0.04	**960**	**0.03**	11075
		ccp	**0.04**	352	**0.04**	1247	0.03	**10659**
tai089 – 100×20	0.07	2%	0.04	**100**	0.04	**948**	**0.03**	10859
		ccp	**0.04**	386	**0.03**	1214	0.03	**10637**
tai090 – 100×20	0.05	2%	0.03	**100**	0.03	**721**	**0.02**	8367
		ccp	**0.03**	241	**0.03**	1014	0.02	**8247**
tai091 – 200×10	0.01	2%	0.00	**100**	0.01	**399**	0.01	**4551**
		ccp	**0.00**	788	**0.00**	1548	**0.00**	6022
tai092 – 200×10	0.02	2%	0.01	**100**	0.01	**691**	0.01	**8042**
		ccp	**0.01**	1058	**0.01**	1875	**0.01**	8979
tai093 – 200×10	0.01	2%	0.01	**100**	0.01	**489**	0.01	**5408**
		ccp	**0.01**	680	**0.01**	1451	**0.01**	6098
tai094 – 200×10	0.02	2%	0.01	**100**	0.01	**315**	0.00	**4567**
		ccp	**0.00**	1053	**0.00**	1584	**0.00**	5962
tai095 – 200×10	0.01	2%	0.00	**100**	0.00	**721**	0.00	**7790**
		ccp	**0.00**	785	**0.00**	1526	**0.00**	8356
tai096 – 200×10	0.02	2%	0.01	**100**	0.01	**644**	0.01	**6938**
		ccp	**0.00**	853	**0.01**	1500	**0.00**	7688
tai097 – 200×10	0.01	2%	0.01	**100**	0.01	**481**	0.01	**5900**
		ccp	**0.00**	864	**0.01**	1597	**0.00**	7101
tai098 – 200×10	0.01	2%	0.00	**100**	0.01	**552**	0.01	**6040**
		ccp	**0.00**	890	**0.01**	1382	**0.01**	6772
tai099 – 200×10	0.01	2%	0.00	**100**	0.01	**688**	0.00	**7542**
		ccp	**0.00**	663	**0.00**	1512	**0.00**	7999
tai100 – 200×10	0.02	2%	0.01	**100**	0.01	**514**	0.01	**6322**
		ccp	**0.00**	907	**0.01**	1443	**0.00**	7070
tai101 – 200×20	0.05	2%	0.03	**100**	0.03	**1239**	0.02	**13931**
		ccp	**0.02**	1390	**0.02**	2520	**0.02**	14549
tai102 – 200×20	0.05	2%	0.03	**101**	0.03	**1513**	0.02	**17044**
		ccp	**0.03**	1453	**0.02**	2860	**0.02**	17602
tai103 – 200×20	0.05	2%	0.03	**100**	0.02	**1355**	0.02	**14187**
		ccp	**0.02**	1436	**0.02**	2258	**0.02**	14704
tai104 – 200×20	0.04	2%	0.03	**100**	0.02	**1221**	0.02	**13993**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.02**	1501	**0.02**	2422	**0.02**	14877
tai105 – 200×20	0.03	2%	0.02	**100**	0.02	**1286**	0.01	**14438**
		ccp	**0.01**	1428	**0.01**	2599	**0.01**	15081
tai106 – 200×20	0.04	2%	0.02	**100**	0.02	**1287**	0.02	**14133**
		ccp	**0.02**	1269	**0.02**	2383	**0.02**	14856
tai107 – 200×20	0.04	2%	0.03	**100**	0.02	**1449**	0.01	**16104**
		ccp	**0.02**	1287	**0.02**	2631	**0.01**	16740
tai108 – 200×20	0.05	2%	0.03	**100**	0.03	**1229**	0.02	**14319**
		ccp	**0.02**	1378	**0.02**	2498	**0.02**	14987
tai109 – 200×20	0.05	2%	0.03	**100**	0.03	**1266**	0.02	**14504**
		ccp	**0.02**	1287	**0.02**	2519	**0.02**	15318
tai110 – 200×20	0.05	2%	0.04	**100**	0.03	**1465**	0.02	**16474**
		ccp	**0.03**	1515	**0.03**	2630	**0.02**	16805
tai111 – 500×20	0.03	2%	0.03	**100**	0.02	**2172**	0.01	**24049**
		ccp	**0.01**	12574	**0.01**	12210	**0.01**	32159
tai112 – 500×20	0.02	2%	0.02	**100**	0.02	**1862**	0.01	**21430**
		ccp	**0.01**	9439	**0.01**	11680	**0.01**	29896
tai113 – 500×20	0.02	2%	0.02	**100**	0.02	**1740**	0.01	**19883**
		ccp	**0.01**	10385	**0.01**	10710	**0.01**	28577
tai114 – 500×20	0.02	2%	0.02	**101**	0.01	**1761**	0.01	**19551**
		ccp	**0.01**	10655	**0.01**	11663	**0.01**	30570
tai115 – 500×20	0.02	2%	0.01	**100**	0.01	**1854**	0.01	**21206**
		ccp	**0.01**	9623	**0.01**	12176	**0.00**	30169
tai116 – 500×20	0.02	2%	0.01	**101**	0.01	**2058**	0.01	**22773**
		ccp	**0.01**	8978	**0.01**	11729	**0.01**	31402
tai117 – 500×20	0.02	2%	0.01	**100**	0.01	**1562**	0.01	**17627**
		ccp	**0.01**	6759	**0.01**	8782	**0.01**	24402
tai118 – 500×20	0.02	2%	0.02	**100**	0.01	**1834**	0.01	**20759**
		ccp	**0.01**	10076	**0.01**	10804	**0.01**	29165
tai119 – 500×20	0.02	2%	0.01	**100**	0.01	**1979**	0.01	**22215**
		ccp	**0.01**	9402	**0.01**	11356	**0.01**	30242
tai120 – 500×20	0.02	2%	0.01	**100**	0.01	**1888**	0.01	**20655**
		ccp	**0.01**	8685	**0.01**	10526	**0.01**	27936
vfr001 – 10×05	0.00	2%	0.00	100	0.00	100	0.00	**585**
		ccp	0.00	**1**	0.00	**62**	0.00	669
vfr001 – 10×10	0.08	2%	**0.03**	100	0.00	100	0.00	**852**
		ccp	0.03	**1**	0.00	**85**	0.00	920
vfr001 – 10×15	0.00	2%	**0.00**	100	0.00	100	0.00	**910**
		ccp	0.00	**1**	0.00	**91**	0.00	976
vfr001 – 10×20	0.05	2%	0.01	100	0.00	100	0.00	**969**
		ccp	0.01	**1**	0.00	**97**	0.00	1037
vfr001 – 20×05	0.02	2%	**0.00**	100	0.00	**145**	0.00	**1535**
		ccp	0.01	**5**	0.00	151	0.00	1581
vfr001 – 20×10	0.09	2%	**0.02**	100	0.01	**188**	0.00	**1980**
		ccp	0.02	**6**	0.01	192	0.00	2008
vfr001 – 20×15	0.04	2%	**0.02**	100	0.01	**202**	0.00	**2168**
		ccp	0.02	**5**	0.01	204	0.00	2186
vfr001 – 20×20	0.03	2%	**0.02**	100	0.00	**211**	0.00	**2209**
		ccp	0.02	**5**	0.00	213	0.00	2228
vfr001 – 30×05	0.01	2%	**0.00**	100	0.00	**135**	0.00	**1532**
		ccp	0.00	**11**	0.00	149	0.00	1575
vfr001 – 30×10	0.04	2%	**0.02**	100	0.02	**275**	0.01	3142
		ccp	0.02	**13**	**0.02**	287	0.01	**3131**
vfr001 – 30×15	0.06	2%	**0.03**	100	0.02	**309**	0.01	3364
		ccp	0.03	**15**	0.02	313	0.01	**3344**
vfr001 – 30×20	0.04	2%	**0.02**	100	0.02	**315**	0.01	3304
		ccp	0.03	**13**	0.02	319	0.01	**3288**
vfr001 – 40×05	0.00	2%	0.00	100	0.00	**117**	0.00	**1255**
		ccp	0.00	**16**	0.00	136	0.00	1311
vfr001 – 40×10	0.04	2%	**0.02**	100	0.02	**363**	0.02	3954
		ccp	0.02	**31**	**0.02**	380	0.02	**3892**
vfr001 – 40×15	0.04	2%	**0.02**	100	0.02	**411**	**0.01**	4609
		ccp	0.03	**32**	**0.02**	427	0.01	**4526**
vfr001 – 40×20	0.05	2%	**0.01**	100	0.01	**409**	**0.01**	4499
		ccp	0.02	**34**	**0.01**	437	0.01	**4426**
vfr001 – 50×05	0.00	2%	0.00	100	0.00	**139**	0.00	**1527**
		ccp	0.00	**26**	0.00	172	0.00	1574
vfr001 – 50×10	0.05	2%	**0.02**	100	0.02	**487**	**0.01**	5372
		ccp	0.02	**61**	**0.01**	528	0.01	**5240**
vfr001 – 50×15	0.06	2%	**0.03**	100	0.02	**510**	**0.02**	5643

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**58**	**0.02**	545	0.02	**5523**
vfr001 – 50×20	0.06	2%	**0.03**	100	0.02	**545**	0.02	5827
		ccp	0.03	**56**	**0.02**	582	0.02	**5754**
vfr001 – 60×05	0.00	2%	0.00	100	0.00	**189**	0.00	**1973**
		ccp	0.00	**39**	0.00	229	0.00	1999
vfr001 – 60×10	0.05	2%	**0.01**	100	0.01	**512**	**0.00**	5442
		ccp	0.01	**87**	**0.01**	566	0.00	**5346**
vfr001 – 60×15	0.05	2%	0.02	100	0.02	**548**	**0.01**	6212
		ccp	0.02	103	**0.02**	640	0.01	**6060**
vfr001 – 60×20	0.06	2%	0.03	100	0.02	**689**	**0.01**	7515
		ccp	0.03	**93**	**0.02**	748	0.01	**7350**
vfr001 – 100×20	0.07	2%	0.03	**100**	0.02	**1071**	**0.01**	12027
		ccp	**0.03**	353	**0.02**	1339	0.01	**11684**
vfr001 – 100×40	0.05	2%	0.04	**100**	0.03	**1132**	**0.02**	12225
		ccp	**0.04**	284	**0.02**	1356	0.02	**12041**
vfr001 – 100×60	0.06	2%	0.04	**100**	0.03	**1094**	0.02	11664
		ccp	**0.04**	242	**0.03**	1261	0.02	**11546**
vfr001 – 200×20	0.05	2%	0.03	**101**	0.02	**1511**	0.01	**16918**
		ccp	**0.02**	1661	**0.02**	2793	**0.01**	17526
vfr001 – 200×40	0.06	2%	0.04	**101**	0.02	**2260**	0.01	**25014**
		ccp	**0.03**	2404	**0.02**	4090	0.01	25088
vfr001 – 200×60	0.06	2%	0.04	**101**	0.02	**2295**	0.01	**24906**
		ccp	**0.03**	1822	**0.02**	3768	**0.01**	25027
vfr001 – 300×20	0.03	2%	0.02	**100**	0.01	**1999**	0.01	**21678**
		ccp	**0.01**	3741	**0.01**	4979	**0.01**	23451
vfr001 – 300×40	0.05	2%	0.04	**101**	0.02	**3340**	0.01	**35896**
		ccp	**0.02**	7248	**0.01**	8704	**0.01**	38192
vfr001 – 300×60	0.05	2%	0.04	**101**	0.02	**3427**	0.01	**37468**
		ccp	**0.03**	6279	**0.02**	8962	**0.01**	39379
vfr001 – 400×20	0.03	2%	0.02	**101**	0.01	**2286**	0.01	**25432**
		ccp	**0.01**	8873	**0.01**	8221	**0.01**	29367
vfr001 – 400×40	0.04	2%	0.03	**101**	0.02	**4042**	0.01	**42615**
		ccp	**0.02**	13568	**0.01**	13442	**0.01**	47525
vfr001 – 400×60	0.04	2%	0.04	**101**	0.02	**4776**	0.00	**50916**
		ccp	**0.02**	15465	**0.01**	17028	**0.00**	55707
vfr001 – 500×20	0.03	2%	0.02	**101**	0.01	**2163**	0.01	**24213**
		ccp	**0.01**	11935	**0.01**	13422	**0.01**	32982
vfr001 – 500×40	0.04	2%	0.03	**101**	0.01	**4440**	0.01	**47136**
		ccp	**0.02**	18267	**0.01**	18492	**0.00**	56106
vfr001 – 500×60	0.04	2%	0.04	**101**	0.01	**6089**	0.00	**64075**
		ccp	**0.02**	28256	**0.01**	31704	**0.00**	75506
vfr001 – 600×20	0.02	2%	0.01	**101**	0.01	**2371**	0.01	**25938**
		ccp	**0.00**	16322	**0.01**	16758	**0.00**	37350
vfr001 – 600×40	0.04	2%	0.03	**102**	0.01	**5207**	0.01	**54901**
		ccp	**0.01**	32538	**0.01**	28629	**0.00**	71651
vfr001 – 600×60	0.04	2%	0.04	**101**	0.01	**6951**	0.00	**69795**
		ccp	**0.02**	43719	**0.01**	39285	**0.00**	88427
vfr001 – 700×20	0.02	2%	0.01	**101**	0.01	**2242**	0.01	**24592**
		ccp	**0.00**	21617	**0.00**	20372	**0.00**	39036
vfr001 – 700×40	0.03	2%	0.03	**101**	0.01	**5226**	0.00	**56174**
		ccp	**0.01**	39225	**0.01**	37342	**0.00**	80799
vfr001 – 700×60	0.04	2%	0.04	**101**	0.02	**8711**	0.00	**84941**
		ccp	**0.02**	67475	**0.01**	59909	**0.00**	118517
vfr001 – 800×20	0.01	2%	0.01	**100**	0.01	**2066**	0.01	**22952**
		ccp	**0.00**	23107	**0.00**	25215	**0.00**	44880
vfr001 – 800×40	0.03	2%	0.03	**101**	0.01	**6175**	0.00	**64506**
		ccp	**0.01**	58764	**0.01**	54213	**0.00**	98129
vfr001 – 800×60	0.04	2%	0.03	**101**	0.01	**8592**	0.00	**86616**
		ccp	**0.02**	87631	**0.01**	75685	**0.00**	127786
vfr002 – 10×05	0.03	2%	**0.00**	100	0.00	100	0.00	**781**
		ccp	0.01	**1**	0.00	**78**	0.00	849
vfr002 – 10×10	0.01	2%	0.00	100	0.00	100	0.00	**667**
		ccp	0.00	**1**	0.00	**69**	0.00	754
vfr002 – 10×15	0.03	2%	0.01	100	0.00	100	0.00	**931**
		ccp	0.01	**1**	0.00	**94**	0.00	1004
vfr002 – 10×20	0.01	2%	0.00	100	0.00	100	0.00	**861**
		ccp	0.00	**1**	0.00	**88**	0.00	933
vfr002 – 20×05	0.01	2%	**0.00**	100	0.00	**108**	0.00	**1309**
		ccp	0.01	**4**	**0.00**	117	0.00	1501
vfr002 – 20×10	0.05	2%	**0.02**	100	0.01	**203**	0.00	**2155**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**5**	0.01	207	0.00	2174
vfr002 – 20×15	0.04	2%	**0.02**	100	0.01	**204**	0.00	**2164**
		ccp	0.02	**5**	0.01	207	0.00	2186
vfr002 – 20×20	0.04	2%	**0.03**	100	0.01	**201**	0.00	**2099**
		ccp	0.03	**5**	0.01	203	0.00	2120
vfr002 – 30×05	0.04	2%	**0.00**	100	0.00	**190**	0.00	**2138**
		ccp	0.01	**13**	**0.00**	204	0.00	2173
vfr002 – 30×10	0.04	2%	**0.02**	100	0.02	**294**	0.01	3250
		ccp	0.02	**15**	**0.02**	301	0.01	**3233**
vfr002 – 30×15	0.05	2%	**0.02**	100	0.02	**304**	0.01	3310
		ccp	0.03	**15**	**0.02**	310	0.01	**3283**
vfr002 – 30×20	0.06	2%	**0.02**	100	0.01	**312**	0.01	3390
		ccp	0.03	**19**	**0.01**	319	0.01	**3370**
vfr002 – 40×05	0.01	2%	**0.00**	100	0.00	**171**	0.00	**1945**
		ccp	0.00	**20**	**0.00**	197	0.00	1979
vfr002 – 40×10	0.04	2%	**0.01**	100	0.01	**389**	0.00	4215
		ccp	0.01	**35**	**0.00**	415	0.00	**4163**
vfr002 – 40×15	0.07	2%	**0.03**	100	0.02	**431**	**0.01**	4651
		ccp	0.03	**32**	**0.02**	447	0.01	**4576**
vfr002 – 40×20	0.06	2%	**0.04**	100	0.02	**428**	0.01	4685
		ccp	0.04	**27**	**0.02**	445	0.01	**4638**
vfr002 – 50×05	0.00	2%	**0.00**	100	0.00	**105**	0.00	**1070**
		ccp	0.00	**32**	0.00	134	0.00	1130
vfr002 – 50×10	0.03	2%	**0.01**	100	0.02	**346**	**0.01**	4226
		ccp	0.01	**50**	**0.02**	385	0.01	**4129**
vfr002 – 50×15	0.07	2%	**0.02**	100	0.02	**465**	**0.02**	5078
		ccp	0.03	**56**	**0.02**	514	0.02	**4998**
vfr002 – 50×20	0.06	2%	**0.03**	100	0.02	**533**	0.01	5792
		ccp	0.03	**55**	**0.02**	569	0.01	**5704**
vfr002 – 60×05	0.02	2%	**0.00**	100	0.00	**200**	0.00	**2108**
		ccp	0.00	**43**	**0.00**	243	0.00	2133
vfr002 – 60×10	0.03	2%	**0.01**	100	0.01	**473**	**0.01**	5214
		ccp	0.01	**82**	**0.01**	553	0.01	**5134**
vfr002 – 60×15	0.07	2%	0.03	100	0.02	**609**	**0.01**	6746
		ccp	0.03	101	**0.02**	678	0.01	**6563**
vfr002 – 60×20	0.07	2%	0.03	100	0.02	**666**	**0.01**	7206
		ccp	0.03	98	**0.02**	727	0.01	**7072**
vfr002 – 100×20	0.06	2%	0.03	**100**	0.03	**1016**	**0.02**	11508
		ccp	**0.03**	341	**0.02**	1305	0.02	**11138**
vfr002 – 100×40	0.05	2%	0.04	**100**	0.03	**1141**	**0.02**	12314
		ccp	**0.04**	267	**0.02**	1364	0.02	**12088**
vfr002 – 100×60	0.06	2%	0.04	**100**	0.03	**1083**	0.02	11385
		ccp	**0.04**	235	**0.03**	1260	0.02	**11269**
vfr002 – 200×20	0.05	2%	0.03	**101**	0.02	**1500**	0.01	**16239**
		ccp	**0.02**	1623	**0.02**	2642	**0.01**	16815
vfr002 – 200×40	0.06	2%	0.04	**101**	0.02	**2258**	0.01	**25063**
		ccp	**0.03**	2462	**0.02**	4129	**0.01**	25228
vfr002 – 200×60	0.05	2%	0.04	**100**	0.02	**2292**	0.01	**24822**
		ccp	**0.03**	1772	**0.02**	3807	**0.01**	24934
vfr002 – 300×20	0.03	2%	0.02	**100**	0.01	**1612**	0.01	**17758**
		ccp	**0.01**	2874	**0.01**	4640	**0.01**	19907
vfr002 – 300×40	0.04	2%	0.03	**101**	0.02	**3284**	0.01	**35521**
		ccp	**0.02**	7283	**0.01**	8614	**0.01**	37469
vfr002 – 300×60	0.04	2%	0.04	**101**	0.02	**3446**	0.01	**37404**
		ccp	**0.02**	5866	**0.02**	9342	**0.01**	39089
vfr002 – 400×20	0.03	2%	0.02	**101**	0.01	**1903**	0.01	**20913**
		ccp	**0.01**	6188	**0.01**	7969	**0.01**	25765
vfr002 – 400×40	0.05	2%	0.04	**101**	0.02	**4047**	0.01	**43058**
		ccp	**0.02**	14023	**0.01**	14394	**0.01**	49168
vfr002 – 400×60	0.04	2%	0.04	**101**	0.02	**4733**	0.00	**51063**
		ccp	**0.02**	14635	**0.01**	18093	**0.00**	56696
vfr002 – 500×20	0.02	2%	0.01	**100**	0.01	**1964**	0.01	**21881**
		ccp	**0.01**	9304	**0.01**	11462	**0.01**	29697
vfr002 – 500×40	0.04	2%	0.03	**101**	0.01	**4996**	0.00	**49456**
		ccp	**0.02**	25316	**0.01**	20523	**0.00**	57139
vfr002 – 500×60	0.04	2%	0.04	**101**	0.02	**6047**	0.00	**62742**
		ccp	**0.02**	26919	**0.01**	32226	**0.00**	74612
vfr002 – 600×20	0.02	2%	0.02	**100**	0.01	**2097**	0.01	**22758**
		ccp	**0.01**	13782	**0.01**	15885	**0.01**	35799
vfr002 – 600×40	0.04	2%	0.03	**101**	0.01	**4853**	0.01	**51078**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.01**	31723	**0.01**	26657	**0.00**	65388
vfr002 – 600×60	0.04	2%	0.04	**101**	0.01	**7221**	0.00	**72655**
		ccp	**0.02**	43335	**0.01**	41761	**0.00**	92489
vfr002 – 700×20	0.02	2%	0.01	**100**	0.01	**2174**	0.01	**24580**
		ccp	**0.00**	16556	**0.00**	19711	**0.00**	41586
vfr002 – 700×40	0.03	2%	0.03	**101**	0.01	**5835**	0.00	**60877**
		ccp	**0.01**	47994	**0.01**	38299	**0.00**	82798
vfr002 – 700×60	0.04	2%	0.04	**101**	0.02	**8303**	0.01	**79529**
		ccp	**0.02**	63084	**0.01**	53647	**0.00**	112116
vfr002 – 800×20	0.01	2%	0.01	**101**	0.01	**2280**	0.01	**25468**
		ccp	**0.00**	27595	**0.00**	28820	**0.00**	50834
vfr002 – 800×40	0.03	2%	0.03	**102**	0.01	**5745**	0.01	**61295**
		ccp	**0.01**	57257	**0.01**	50307	**0.00**	95629
vfr002 – 800×60	0.04	2%	0.04	**101**	0.01	**9729**	0.00	**91019**
		ccp	**0.02**	97530	**0.01**	83900	**0.00**	140433
vfr003 – 10×05	0.04	2%	0.00	100	0.00	100	0.00	**797**
		ccp	0.00	**1**	0.00	**81**	0.00	874
vfr003 – 10×10	0.02	2%	0.01	100	0.00	100	0.00	**739**
		ccp	0.01	**1**	0.00	**75**	0.00	823
vfr003 – 10×15	0.00	2%	0.00	100	0.00	100	0.00	**937**
		ccp	0.00	**1**	0.00	**94**	0.00	1010
vfr003 – 10×20	0.02	2%	0.02	100	0.00	101	0.00	**912**
		ccp	0.02	**1**	0.00	**94**	0.00	984
vfr003 – 20×05	0.00	2%	**0.00**	100	0.00	**131**	0.00	**1406**
		ccp	0.00	**4**	0.00	139	0.00	1459
vfr003 – 20×10	0.04	2%	**0.02**	100	0.01	**201**	0.00	**2133**
		ccp	0.03	**5**	0.01	204	0.00	2147
vfr003 – 20×15	0.03	2%	**0.02**	100	0.01	**204**	0.00	**2140**
		ccp	0.02	**5**	0.01	207	0.00	2159
vfr003 – 20×20	0.04	2%	**0.02**	100	0.01	**193**	0.01	**2099**
		ccp	0.02	**5**	0.01	197	0.01	2118
vfr003 – 30×05	0.04	2%	**0.01**	100	0.01	**172**	0.00	**1913**
		ccp	0.01	**11**	**0.01**	186	0.00	1936
vfr003 – 30×10	0.04	2%	**0.02**	100	0.02	**295**	0.01	3226
		ccp	0.02	**16**	**0.02**	301	0.01	**3209**
vfr003 – 30×15	0.09	2%	**0.03**	100	0.02	**327**	0.01	3456
		ccp	0.04	**16**	0.02	331	0.01	**3432**
vfr003 – 30×20	0.07	2%	**0.03**	100	0.02	**322**	0.01	3387
		ccp	0.03	**14**	0.02	325	0.01	**3370**
vfr003 – 40×05	0.00	2%	**0.00**	100	0.00	**200**	0.00	**2160**
		ccp	0.00	**21**	0.00	223	0.00	2175
vfr003 – 40×10	0.05	2%	**0.01**	100	0.01	**346**	0.00	3796
		ccp	0.01	**29**	**0.01**	368	0.00	**3763**
vfr003 – 40×15	0.05	2%	**0.03**	100	0.02	**431**	0.01	4658
		ccp	0.03	**28**	**0.02**	445	0.01	**4611**
vfr003 – 40×20	0.04	2%	**0.03**	100	0.02	**441**	0.01	4631
		ccp	0.03	**31**	**0.02**	455	0.01	**4581**
vfr003 – 50×05	0.02	2%	0.00	100	0.00	**153**	0.00	**1651**
		ccp	0.00	**37**	**0.00**	192	0.00	1678
vfr003 – 50×10	0.05	2%	**0.02**	100	0.02	**400**	**0.01**	4885
		ccp	0.02	**51**	**0.02**	449	0.01	**4709**
vfr003 – 50×15	0.07	2%	**0.03**	100	0.03	**535**	**0.02**	5863
		ccp	0.03	**61**	**0.02**	573	0.02	**5758**
vfr003 – 50×20	0.06	2%	**0.03**	100	0.02	**536**	0.02	5677
		ccp	0.03	**57**	**0.02**	568	0.02	**5601**
vfr003 – 60×05	0.01	2%	0.00	100	0.00	**181**	0.00	**2064**
		ccp	0.00	**50**	**0.00**	242	0.00	2088
vfr003 – 60×10	0.05	2%	**0.01**	100	0.01	**532**	**0.00**	5674
		ccp	0.01	**90**	**0.01**	609	0.01	**5557**
vfr003 – 60×15	0.07	2%	0.03	100	0.02	**631**	**0.02**	7016
		ccp	0.03	97	**0.02**	705	0.02	**6874**
vfr003 – 60×20	0.06	2%	0.03	100	0.02	**603**	**0.02**	6970
		ccp	0.03	**92**	**0.02**	680	0.02	**6785**
vfr003 – 100×20	0.07	2%	0.03	**100**	0.02	**1086**	**0.01**	11917
		ccp	**0.03**	379	**0.02**	1357	0.01	**11648**
vfr003 – 100×40	0.06	2%	0.04	**100**	0.03	**1081**	**0.02**	11952
		ccp	**0.04**	299	**0.03**	1338	0.02	**11770**
vfr003 – 100×60	0.05	2%	0.04	**100**	0.03	**1092**	0.02	11831
		ccp	**0.04**	232	**0.03**	1266	0.02	**11707**
vfr003 – 200×20	0.04	2%	0.02	**100**	0.02	**1624**	0.01	**17603**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.01**	1699	**0.01**	2941	**0.01**	17980
vfr003 – 200×40	0.06	2%	0.04	**101**	0.02	**2269**	0.01	**24880**
		ccp	**0.03**	2272	**0.02**	4020	0.01	24976
vfr003 – 200×60	0.05	2%	0.04	**100**	0.02	**2157**	0.01	**24646**
		ccp	**0.03**	1716	**0.02**	3814	**0.01**	24785
vfr003 – 300×20	0.04	2%	0.03	**101**	0.02	**2022**	0.01	**22185**
		ccp	**0.02**	4205	**0.01**	5197	**0.01**	24138
vfr003 – 300×40	0.05	2%	0.04	**101**	0.02	**3058**	0.01	**33263**
		ccp	**0.03**	6350	**0.02**	8146	**0.01**	35334
vfr003 – 300×60	0.05	2%	0.04	**101**	0.02	**3422**	0.01	**37653**
		ccp	**0.02**	6772	**0.02**	9129	**0.01**	39274
vfr003 – 400×20	0.02	2%	0.02	**100**	0.02	**1669**	0.01	**17799**
		ccp	**0.01**	4778	**0.01**	6463	**0.01**	22541
vfr003 – 400×40	0.05	2%	0.04	**101**	0.01	**3949**	0.01	**42534**
		ccp	**0.02**	13504	**0.01**	14057	**0.00**	47564
vfr003 – 400×60	0.05	2%	0.04	**101**	0.02	**4461**	0.01	**48981**
		ccp	**0.02**	14767	**0.01**	17408	**0.00**	55094
vfr003 – 500×20	0.02	2%	0.01	**101**	0.01	**1969**	0.01	**22199**
		ccp	**0.01**	10380	**0.01**	11941	**0.01**	31030
vfr003 – 500×40	0.04	2%	0.04	**101**	0.02	**4564**	0.01	**48816**
		ccp	**0.02**	26329	**0.01**	21023	**0.01**	59416
vfr003 – 500×60	0.04	2%	0.04	**101**	0.01	**6209**	0.00	**63138**
		ccp	**0.02**	27779	**0.01**	30368	**0.00**	75572
vfr003 – 600×20	0.02	2%	0.01	**100**	0.01	**2362**	0.01	**25605**
		ccp	**0.00**	14147	**0.01**	16182	**0.00**	35920
vfr003 – 600×40	0.04	2%	0.03	**101**	0.01	**5204**	0.01	**54622**
		ccp	**0.02**	27604	**0.01**	28447	**0.00**	67827
vfr003 – 600×60	0.04	2%	0.04	**101**	0.01	**7295**	0.00	**72773**
		ccp	**0.02**	42771	**0.01**	44606	**0.00**	98561
vfr003 – 700×20	0.02	2%	0.01	**100**	0.01	**2093**	0.01	**22593**
		ccp	**0.01**	17503	**0.01**	20330	**0.01**	39043
vfr003 – 700×40	0.04	2%	0.03	**101**	0.01	**6178**	0.00	**61920**
		ccp	**0.01**	47156	**0.01**	40906	**0.00**	83228
vfr003 – 700×60	0.04	2%	0.04	**101**	0.01	**8130**	0.00	**81185**
		ccp	**0.02**	70598	**0.01**	57826	**0.00**	111258
vfr003 – 800×20	0.02	2%	0.01	**101**	0.01	**2632**	0.00	**28526**
		ccp	**0.00**	31596	**0.00**	29153	**0.00**	51445
vfr003 – 800×40	0.03	2%	0.03	**102**	0.01	**6465**	0.00	**66015**
		ccp	**0.01**	64149	**0.01**	54651	**0.00**	100141
vfr003 – 800×60	0.04	2%	0.04	**101**	0.01	**10355**	0.00	**93588**
		ccp	**0.02**	88168	**0.01**	85538	**0.00**	139519
vfr004 – 10×05	0.01	2%	0.01	100	0.00	100	0.00	**687**
		ccp	0.01	**1**	0.00	**69**	0.00	768
vfr004 – 10×10	0.00	2%	0.00	100	0.00	100	0.00	**951**
		ccp	0.00	**1**	0.00	**97**	0.00	1022
vfr004 – 10×15	0.03	2%	0.00	100	0.00	100	0.00	**956**
		ccp	0.00	**1**	0.00	**96**	0.00	1025
vfr004 – 10×20	0.02	2%	0.00	100	0.00	100	0.00	**962**
		ccp	0.00	**1**	0.00	**96**	0.00	1029
vfr004 – 20×05	0.02	2%	**0.01**	100	0.01	**185**	0.00	**2088**
		ccp	0.01	**5**	**0.00**	194	0.00	2128
vfr004 – 20×10	0.04	2%	**0.02**	100	0.01	**202**	0.00	**2159**
		ccp	0.02	**5**	0.01	205	0.00	2175
vfr004 – 20×15	0.05	2%	**0.04**	100	0.01	**187**	0.01	**2010**
		ccp	0.04	**5**	0.01	190	0.01	2037
vfr004 – 20×20	0.05	2%	**0.04**	100	0.01	**203**	0.00	**2169**
		ccp	0.04	**4**	0.01	207	0.00	2187
vfr004 – 30×05	0.01	2%	**0.00**	100	0.00	**119**	0.00	**1370**
		ccp	0.00	**11**	0.00	139	0.00	1420
vfr004 – 30×10	0.06	2%	**0.03**	100	0.02	**302**	0.02	3295
		ccp	0.03	**14**	**0.02**	309	0.02	**3277**
vfr004 – 30×15	0.05	2%	**0.03**	100	0.01	**319**	0.01	3384
		ccp	0.03	**15**	0.01	323	0.01	**3361**
vfr004 – 30×20	0.06	2%	**0.03**	100	0.02	**312**	0.01	3302
		ccp	0.03	**14**	0.02	315	0.01	**3285**
vfr004 – 40×05	0.03	2%	0.00	100	0.00	**174**	0.00	**1815**
		ccp	0.00	**20**	0.00	189	0.00	1848
vfr004 – 40×10	0.05	2%	**0.02**	100	0.02	**367**	0.02	3959
		ccp	0.03	**33**	**0.02**	395	0.02	**3918**
vfr004 – 40×15	0.06	2%	**0.03**	100	0.02	**413**	0.01	4572

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**32**	**0.02**	424	0.01	**4528**
vfr004 – 40×20	0.05	2%	**0.03**	100	0.02	**423**	0.02	4526
		ccp	0.03	**28**	**0.02**	439	0.02	**4482**
vfr004 – 50×05	0.01	2%	**0.00**	100	0.00	**179**	0.00	**2079**
		ccp	0.00	**37**	**0.00**	219	**0.00**	2131
vfr004 – 50×10	0.06	2%	**0.02**	100	0.02	**462**	**0.01**	4991
		ccp	0.02	**59**	**0.02**	494	0.01	**4893**
vfr004 – 50×15	0.05	2%	**0.03**	100	0.02	**525**	**0.01**	5756
		ccp	0.03	**57**	**0.02**	559	0.01	**5639**
vfr004 – 50×20	0.05	2%	**0.03**	100	0.02	**573**	0.01	6132
		ccp	0.03	**56**	**0.02**	603	0.01	**6034**
vfr004 – 60×05	0.00	2%	0.00	100	0.00	**206**	0.00	**2223**
		ccp	0.00	**48**	**0.00**	255	0.00	2238
vfr004 – 60×10	0.04	2%	**0.01**	100	0.01	**498**	0.01	5352
		ccp	0.01	**79**	**0.01**	557	0.01	**5276**
vfr004 – 60×15	0.07	2%	**0.02**	100	0.02	**643**	**0.01**	7114
		ccp	0.02	97	**0.01**	719	0.01	**6859**
vfr004 – 60×20	0.06	2%	**0.03**	100	0.02	**671**	**0.01**	7487
		ccp	0.03	98	**0.02**	737	0.01	**7276**
vfr004 – 100×20	0.06	2%	0.03	**100**	0.02	**999**	**0.01**	11606
		ccp	**0.03**	381	**0.02**	1285	0.01	**11208**
vfr004 – 100×40	0.07	2%	0.04	**100**	0.03	**1113**	**0.02**	12322
		ccp	**0.04**	290	**0.03**	1383	0.02	**12116**
vfr004 – 100×60	0.06	2%	0.04	**100**	0.03	**1123**	0.02	11816
		ccp	**0.04**	250	**0.03**	1303	0.02	**11685**
vfr004 – 200×20	0.05	2%	0.03	**101**	0.02	**1607**	0.01	**17688**
		ccp	**0.02**	1852	**0.01**	2847	**0.01**	18062
vfr004 – 200×40	0.05	2%	0.04	**101**	0.02	**2280**	0.01	**25193**
		ccp	**0.03**	2519	**0.02**	4160	**0.01**	25397
vfr004 – 200×60	0.05	2%	0.04	**100**	0.02	**2265**	0.01	**24888**
		ccp	**0.03**	1610	**0.02**	3811	**0.01**	25003
vfr004 – 300×20	0.03	2%	0.02	**101**	0.02	**1851**	0.01	**20712**
		ccp	**0.01**	3932	**0.01**	5000	**0.01**	22882
vfr004 – 300×40	0.05	2%	0.04	**101**	0.02	**3153**	0.01	**35298**
		ccp	**0.02**	6077	**0.01**	8348	**0.01**	37199
vfr004 – 300×60	0.04	2%	0.04	**101**	0.02	**3461**	0.01	**37252**
		ccp	**0.03**	6102	**0.02**	8803	**0.01**	39370
vfr004 – 400×20	0.03	2%	0.02	**101**	0.01	**1964**	0.01	**21831**
		ccp	**0.01**	6877	**0.01**	7275	**0.01**	26278
vfr004 – 400×40	0.04	2%	0.04	**101**	0.01	**4306**	0.01	**44669**
		ccp	**0.02**	12694	**0.01**	15593	**0.00**	50501
vfr004 – 400×60	0.04	2%	0.04	**101**	0.02	**4648**	0.00	**49793**
		ccp	**0.02**	15019	**0.01**	18404	**0.00**	55899
vfr004 – 500×20	0.02	2%	0.02	**100**	0.01	**2009**	0.01	**21540**
		ccp	**0.01**	10596	**0.01**	10620	**0.01**	28954
vfr004 – 500×40	0.04	2%	0.03	**101**	0.02	**4537**	0.01	**47035**
		ccp	**0.02**	22196	**0.01**	19605	**0.01**	55892
vfr004 – 500×60	0.04	2%	0.04	**101**	0.02	**5724**	0.00	**60865**
		ccp	**0.02**	26252	**0.01**	27810	**0.00**	73651
vfr004 – 600×20	0.02	2%	0.01	**100**	0.01	**2033**	0.01	**22832**
		ccp	**0.01**	14218	**0.00**	15185	**0.00**	34453
vfr004 – 600×40	0.04	2%	0.03	**101**	0.01	**4981**	0.00	**54348**
		ccp	**0.01**	30031	**0.01**	30660	**0.00**	69691
vfr004 – 600×60	0.04	2%	0.04	**101**	0.01	**7360**	0.00	**73686**
		ccp	**0.02**	41932	**0.01**	44848	**0.00**	96277
vfr004 – 700×20	0.01	2%	0.01	**100**	0.01	**2014**	0.01	**21856**
		ccp	**0.01**	17325	**0.01**	19154	**0.01**	37729
vfr004 – 700×40	0.03	2%	0.03	**102**	0.01	**5662**	0.00	**58844**
		ccp	**0.01**	45780	**0.01**	38597	**0.00**	80020
vfr004 – 700×60	0.04	2%	0.04	**101**	0.02	**8366**	0.01	**80416**
		ccp	**0.02**	64630	**0.01**	59404	**0.00**	109432
vfr004 – 800×20	0.02	2%	0.01	**100**	0.01	**2271**	0.00	**25904**
		ccp	**0.00**	25608	**0.00**	27547	**0.00**	53595
vfr004 – 800×40	0.03	2%	0.03	**102**	0.01	**5670**	0.01	**61302**
		ccp	**0.01**	65499	**0.01**	49593	**0.00**	91776
vfr004 – 800×60	0.04	2%	0.04	**101**	0.01	**9702**	0.00	**92595**
		ccp	**0.02**	93111	**0.01**	83096	**0.00**	140520
vfr005 – 10×05	0.05	2%	0.00	100	0.00	100	0.00	**767**
		ccp	0.00	**1**	0.00	**80**	0.00	852
vfr005 – 10×10	0.01	2%	0.00	100	0.00	100	0.00	**812**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.00	**1**	0.00	**84**	0.00	887
vfr005 – 10×15	0.01	2%	0.01	100	0.00	100	0.00	**945**
		ccp	0.01	**1**	0.00	**94**	0.00	1010
vfr005 – 10×20	0.02	2%	0.01	100	0.00	100	0.00	**917**
		ccp	0.01	**1**	0.00	**91**	0.00	983
vfr005 – 20×05	0.01	2%	**0.00**	100	0.00	**144**	0.00	**1537**
		ccp	0.00	**4**	0.00	150	0.00	1584
vfr005 – 20×10	0.05	2%	**0.02**	100	0.01	**198**	0.00	**2126**
		ccp	0.03	**5**	**0.01**	204	0.00	2144
vfr005 – 20×15	0.05	2%	**0.01**	100	0.01	**199**	0.00	**2147**
		ccp	0.01	**6**	**0.01**	207	0.00	2173
vfr005 – 20×20	0.04	2%	**0.01**	100	0.00	**207**	0.00	**2219**
		ccp	0.01	**5**	0.00	211	0.00	2236
vfr005 – 30×05	0.01	2%	0.00	100	0.00	**110**	0.00	**1178**
		ccp	0.00	**8**	0.00	121	0.00	1237
vfr005 – 30×10	0.06	2%	**0.02**	100	0.02	**248**	0.02	2964
		ccp	0.03	**12**	**0.02**	258	0.01	**2963**
vfr005 – 30×15	0.03	2%	**0.01**	100	0.01	**299**	0.01	3235
		ccp	0.01	**13**	0.01	302	0.01	**3191**
vfr005 – 30×20	0.06	2%	**0.03**	100	0.02	**315**	0.01	3389
		ccp	0.03	**13**	0.02	318	0.01	**3371**
vfr005 – 40×05	0.02	2%	**0.00**	100	0.00	**195**	0.00	**2094**
		ccp	0.00	**22**	0.00	213	0.00	2109
vfr005 – 40×10	0.05	2%	**0.01**	100	0.02	**373**	**0.01**	4098
		ccp	0.02	**34**	**0.01**	390	0.01	**4029**
vfr005 – 40×15	0.05	2%	**0.02**	100	0.02	**395**	**0.01**	4415
		ccp	0.02	**33**	**0.02**	419	0.01	**4338**
vfr005 – 40×20	0.06	2%	**0.03**	100	0.02	**443**	0.01	4714
		ccp	0.03	**29**	**0.02**	455	0.01	**4669**
vfr005 – 50×05	0.01	2%	**0.00**	100	0.00	**161**	0.00	**1855**
		ccp	0.00	**31**	**0.00**	208	0.00	1890
vfr005 – 50×10	0.05	2%	**0.01**	100	0.01	**336**	0.00	3600
		ccp	0.01	**43**	**0.01**	373	0.00	**3574**
vfr005 – 50×15	0.06	2%	**0.03**	100	0.02	**529**	0.02	5776
		ccp	0.03	**57**	**0.02**	570	0.02	**5693**
vfr005 – 50×20	0.05	2%	**0.03**	100	0.02	**561**	**0.02**	6053
		ccp	0.03	**50**	**0.02**	595	0.02	**5959**
vfr005 – 60×05	0.01	2%	0.00	100	0.00	**225**	0.00	**2341**
		ccp	0.00	**43**	0.00	265	0.00	2359
vfr005 – 60×10	0.05	2%	**0.02**	100	0.02	**545**	**0.01**	6081
		ccp	0.02	**90**	**0.02**	622	0.01	**5891**
vfr005 – 60×15	0.05	2%	**0.02**	100	0.02	**562**	**0.01**	6223
		ccp	0.02	**84**	**0.02**	640	0.01	**6084**
vfr005 – 60×20	0.05	2%	**0.03**	100	0.02	**670**	**0.01**	7278
		ccp	0.03	**80**	**0.02**	734	0.01	**7090**
vfr005 – 100×20	0.07	2%	0.04	**100**	0.03	**1018**	**0.02**	11637
		ccp	**0.03**	385	**0.02**	1323	0.02	**11343**
vfr005 – 100×40	0.06	2%	0.04	**100**	0.03	**1102**	**0.02**	12113
		ccp	**0.04**	291	**0.03**	1317	0.02	**11941**
vfr005 – 100×60	0.05	2%	0.04	**100**	0.03	**1108**	0.02	12028
		ccp	**0.04**	240	**0.03**	1288	0.02	**11862**
vfr005 – 200×20	0.04	2%	0.03	**100**	0.02	**1349**	0.02	**15524**
		ccp	**0.02**	1419	**0.02**	2667	**0.02**	16211
vfr005 – 200×40	0.05	2%	0.04	**101**	0.02	**2358**	0.01	**25992**
		ccp	**0.03**	2197	**0.02**	4385	0.01	26025
vfr005 – 200×60	0.04	2%	0.04	**100**	0.02	**2250**	0.01	**24889**
		ccp	**0.03**	1784	**0.02**	3626	0.01	25021
vfr005 – 300×20	0.04	2%	0.02	**101**	0.02	**1679**	0.01	**18675**
		ccp	**0.01**	3923	**0.01**	4784	**0.01**	20798
vfr005 – 300×40	0.05	2%	0.04	**101**	0.02	**3192**	0.01	**35166**
		ccp	**0.02**	7033	**0.01**	8855	**0.01**	37339
vfr005 – 300×60	0.05	2%	0.04	**101**	0.02	**3525**	0.01	**37565**
		ccp	**0.03**	6322	**0.01**	8946	**0.01**	39061
vfr005 – 400×20	0.02	2%	0.01	**100**	0.01	**1781**	0.01	**19875**
		ccp	**0.00**	5828	**0.01**	7587	**0.01**	24525
vfr005 – 400×40	0.05	2%	0.04	**101**	0.02	**4228**	0.01	**44927**
		ccp	**0.02**	14184	**0.01**	15606	**0.00**	50270
vfr005 – 400×60	0.05	2%	0.04	**101**	0.02	**4650**	0.00	**50014**
		ccp	**0.02**	14397	**0.01**	17517	**0.00**	56016
vfr005 – 500×20	0.02	2%	0.01	**100**	0.01	**1824**	0.01	**20193**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.01**	7167	**0.01**	8944	**0.01**	26195
vfr005 – 500×40	0.04	2%	0.04	**101**	0.01	**4328**	0.00	**48057**
		ccp	**0.02**	21846	**0.01**	21075	**0.00**	57175
vfr005 – 500×60	0.04	2%	0.04	**101**	0.01	**5965**	0.00	**60648**
		ccp	**0.02**	27389	**0.01**	29587	**0.00**	73989
vfr005 – 600×20	0.02	2%	0.01	**101**	0.01	**2039**	0.01	**22333**
		ccp	**0.01**	14135	**0.01**	15313	**0.01**	34405
vfr005 – 600×40	0.04	2%	0.03	**101**	0.01	**5338**	0.01	**55210**
		ccp	**0.01**	33079	**0.01**	28991	**0.00**	69403
vfr005 – 600×60	0.04	2%	0.04	**101**	0.02	**6927**	0.00	**70839**
		ccp	**0.02**	44210	**0.01**	44285	**0.00**	91116
vfr005 – 700×20	0.02	2%	0.01	**101**	0.01	**2259**	0.01	**25162**
		ccp	**0.00**	19794	**0.00**	20307	**0.00**	41921
vfr005 – 700×40	0.03	2%	0.03	**101**	0.01	**5115**	0.01	**54539**
		ccp	**0.01**	41695	**0.01**	35165	**0.00**	74801
vfr005 – 700×60	0.04	2%	0.04	**101**	0.01	**8406**	0.00	**79894**
		ccp	**0.02**	55061	**0.01**	59063	**0.00**	111843
vfr005 – 800×20	0.01	2%	0.01	**100**	0.01	**2150**	0.00	**24033**
		ccp	**0.00**	24622	**0.00**	26493	**0.00**	45204
vfr005 – 800×40	0.03	2%	0.03	**102**	0.01	**5363**	0.01	**59683**
		ccp	**0.01**	58561	**0.01**	48782	**0.00**	89480
vfr005 – 800×60	0.04	2%	0.03	**101**	0.02	**9165**	0.01	**87793**
		ccp	**0.02**	66075	**0.01**	78402	**0.00**	128634
vfr006 – 10×05	0.00	2%	0.00	100	0.00	100	0.00	**636**
		ccp	0.00	**1**	0.00	**67**	0.00	728
vfr006 – 10×10	0.00	2%	0.00	100	0.00	100	0.00	**687**
		ccp	0.00	**1**	0.00	**71**	0.00	776
vfr006 – 10×15	0.00	2%	0.00	100	0.00	100	0.00	**878**
		ccp	0.00	**1**	0.00	**89**	0.00	941
vfr006 – 10×20	0.03	2%	0.00	100	0.00	100	0.00	**808**
		ccp	0.00	**1**	0.00	**82**	0.00	890
vfr006 – 20×05	0.02	2%	**0.00**	100	0.00	**159**	0.00	**1701**
		ccp	0.00	**5**	0.00	164	0.00	1736
vfr006 – 20×10	0.04	2%	**0.02**	100	0.01	**187**	0.00	**2011**
		ccp	0.02	**5**	0.01	191	0.00	2032
vfr006 – 20×15	0.05	2%	**0.03**	100	0.01	**208**	0.00	**2250**
		ccp	0.03	**5**	0.01	213	0.00	2261
vfr006 – 20×20	0.05	2%	**0.03**	100	0.01	**199**	0.00	**2102**
		ccp	0.03	**5**	0.01	202	0.00	2123
vfr006 – 30×05	0.00	2%	0.00	100	0.00	100	0.00	**835**
		ccp	0.00	**11**	0.00	**89**	0.00	904
vfr006 – 30×10	0.05	2%	**0.02**	100	0.01	**307**	0.01	3297
		ccp	0.02	**15**	**0.01**	312	0.01	**3280**
vfr006 – 30×15	0.05	2%	**0.03**	100	0.02	**323**	0.01	3398
		ccp	0.03	**15**	0.02	325	0.01	**3380**
vfr006 – 30×20	0.08	2%	**0.04**	100	0.02	**305**	0.01	3272
		ccp	0.04	**14**	0.02	308	0.01	**3257**
vfr006 – 40×05	0.01	2%	**0.00**	100	0.00	**158**	0.00	**1667**
		ccp	0.00	**17**	0.00	174	0.00	1707
vfr006 – 40×10	0.05	2%	**0.02**	100	0.02	**313**	0.01	3534
		ccp	0.02	**30**	**0.02**	346	0.01	**3482**
vfr006 – 40×15	0.06	2%	**0.03**	100	0.02	**413**	0.02	4443
		ccp	0.03	**32**	**0.02**	427	0.02	**4380**
vfr006 – 40×20	0.06	2%	**0.03**	100	0.02	**421**	0.01	4642
		ccp	0.03	**33**	**0.02**	437	0.01	**4573**
vfr006 – 50×05	0.01	2%	**0.00**	100	0.00	**144**	0.00	**2019**
		ccp	0.00	**43**	**0.00**	219	0.00	2054
vfr006 – 50×10	0.03	2%	**0.00**	100	0.01	**248**	0.00	3273
		ccp	0.01	**37**	**0.01**	321	0.00	**3241**
vfr006 – 50×15	0.08	2%	**0.03**	100	0.02	**558**	0.01	5997
		ccp	0.03	**57**	**0.02**	591	0.01	**5894**
vfr006 – 50×20	0.05	2%	**0.03**	100	0.02	**564**	0.01	6018
		ccp	0.03	**50**	**0.02**	587	0.01	**5924**
vfr006 – 60×05	0.01	2%	**0.00**	100	0.00	**208**	0.00	**2332**
		ccp	0.00	**46**	**0.00**	268	0.00	2342
vfr006 – 60×10	0.07	2%	**0.02**	100	0.02	**542**	**0.01**	5881
		ccp	0.02	99	**0.01**	612	0.01	**5742**
vfr006 – 60×15	0.07	2%	0.03	100	0.02	**672**	**0.01**	7393
		ccp	0.03	97	**0.02**	733	0.01	**7208**
vfr006 – 60×20	0.06	2%	0.03	100	0.02	**671**	0.02	7233

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**90**	**0.02**	720	0.02	**7098**
vfr006 – 100×20	0.07	2%	0.04	**100**	0.02	**1057**	**0.02**	11706
		ccp	**0.04**	394	**0.02**	1328	0.02	**11413**
vfr006 – 100×40	0.05	2%	0.04	**100**	0.03	**1095**	**0.02**	12032
		ccp	**0.03**	309	**0.02**	1319	0.02	**11827**
vfr006 – 100×60	0.06	2%	0.04	**100**	0.03	**1080**	0.02	11508
		ccp	**0.04**	239	**0.03**	1252	0.02	**11377**
vfr006 – 200×20	0.05	2%	0.03	**101**	0.02	**1589**	0.01	**18009**
		ccp	**0.02**	1790	**0.01**	3113	**0.01**	18742
vfr006 – 200×40	0.06	2%	0.04	**101**	0.02	**2228**	0.01	**25198**
		ccp	**0.03**	2229	**0.02**	4155	**0.01**	25378
vfr006 – 200×60	0.05	2%	0.04	**100**	0.02	**2235**	0.01	**25222**
		ccp	**0.03**	1795	**0.02**	3823	0.01	25289
vfr006 – 300×20	0.04	2%	0.02	**100**	0.02	**1832**	0.01	**19448**
		ccp	**0.01**	3482	**0.01**	4745	**0.01**	21323
vfr006 – 300×40	0.05	2%	0.04	**101**	0.02	**3280**	0.01	**36111**
		ccp	**0.03**	6806	**0.02**	8844	**0.01**	38037
vfr006 – 300×60	0.05	2%	0.04	**101**	0.02	**3475**	0.01	**37541**
		ccp	**0.03**	6037	**0.02**	8701	**0.01**	39326
vfr006 – 400×20	0.03	2%	0.02	**101**	0.01	**2165**	0.01	**24026**
		ccp	**0.01**	7193	**0.01**	8620	**0.01**	28594
vfr006 – 400×40	0.04	2%	0.04	**101**	0.01	**4122**	0.00	**44060**
		ccp	**0.02**	14247	**0.01**	14659	**0.00**	49506
vfr006 – 400×60	0.04	2%	0.04	**101**	0.01	**4785**	0.00	**50253**
		ccp	**0.02**	14725	**0.01**	17380	**0.00**	56023
vfr006 – 500×20	0.02	2%	0.01	**100**	0.01	**1899**	0.01	**21877**
		ccp	**0.01**	9937	**0.01**	11488	**0.00**	29804
vfr006 – 500×40	0.04	2%	0.04	**101**	0.02	**4780**	0.01	**50479**
		ccp	**0.02**	25569	**0.01**	20055	**0.01**	59666
vfr006 – 500×60	0.05	2%	0.04	**101**	0.02	**5803**	0.00	**62068**
		ccp	**0.02**	26137	**0.01**	29194	**0.00**	74233
vfr006 – 600×20	0.02	2%	0.01	**101**	0.01	**2040**	0.01	**23100**
		ccp	**0.00**	15140	**0.00**	17170	**0.00**	37162
vfr006 – 600×40	0.03	2%	0.03	**101**	0.01	**5090**	0.01	**52756**
		ccp	**0.01**	31127	**0.01**	28206	**0.00**	68913
vfr006 – 600×60	0.04	2%	0.04	**101**	0.01	**7413**	0.00	**72844**
		ccp	**0.02**	46940	**0.01**	43381	**0.00**	93502
vfr006 – 700×20	0.02	2%	0.01	**101**	0.01	**2206**	0.01	**23717**
		ccp	**0.00**	20596	**0.01**	19622	**0.01**	38131
vfr006 – 700×40	0.03	2%	0.03	**101**	0.01	**5209**	0.01	**56221**
		ccp	**0.01**	41957	**0.01**	33451	**0.01**	77577
vfr006 – 700×60	0.04	2%	0.04	**101**	0.01	**8272**	0.00	**82761**
		ccp	**0.02**	62859	**0.01**	62930	**0.00**	112644
vfr006 – 800×20	0.01	2%	0.01	**100**	0.01	**1871**	0.01	**20970**
		ccp	**0.01**	22349	**0.01**	25555	**0.01**	44273
vfr006 – 800×40	0.03	2%	0.03	**102**	0.01	**6076**	0.00	**65407**
		ccp	**0.01**	67252	**0.01**	55211	**0.00**	95395
vfr006 – 800×60	0.04	2%	0.04	**101**	0.01	**9965**	0.00	**94860**
		ccp	**0.02**	93029	**0.01**	82415	**0.00**	141575
vfr007 – 10×05	0.04	2%	**0.00**	100	0.00	100	0.00	**716**
		ccp	0.01	**1**	0.00	**74**	0.00	789
vfr007 – 10×10	0.00	2%	0.00	100	0.00	100	0.00	**817**
		ccp	0.00	**1**	0.00	**83**	0.00	891
vfr007 – 10×15	0.03	2%	**0.00**	100	0.00	100	0.00	**773**
		ccp	0.01	**1**	0.00	**79**	0.00	854
vfr007 – 10×20	0.00	2%	0.00	100	0.00	100	0.00	**947**
		ccp	0.00	**1**	0.00	**95**	0.00	1011
vfr007 – 20×05	0.00	2%	**0.00**	100	0.00	**155**	0.00	**1787**
		ccp	0.00	**4**	0.00	161	0.00	1829
vfr007 – 20×10	0.03	2%	**0.01**	100	0.01	**202**	0.00	**2119**
		ccp	0.01	**5**	0.01	205	0.00	2143
vfr007 – 20×15	0.04	2%	**0.00**	100	0.00	**189**	0.00	**2034**
		ccp	0.01	**6**	0.00	195	0.00	2052
vfr007 – 20×20	0.04	2%	**0.01**	100	0.01	**204**	0.00	**2182**
		ccp	0.02	**5**	0.01	207	0.00	2208
vfr007 – 30×05	0.00	2%	0.00	100	0.00	**102**	0.00	**1040**
		ccp	0.00	**8**	0.00	108	0.00	1114
vfr007 – 30×10	0.04	2%	**0.03**	100	0.02	**302**	0.01	3241
		ccp	0.03	**13**	0.02	306	0.01	**3223**
vfr007 – 30×15	0.05	2%	**0.03**	100	0.02	**311**	0.01	3273

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**13**	0.02	315	0.01	**3257**
vfr007 – 30×20	0.05	2%	**0.03**	100	0.02	**316**	0.01	3421
		ccp	0.03	**15**	0.02	321	0.01	**3403**
vfr007 – 40×05	0.02	2%	0.00	100	0.00	**202**	0.00	**2087**
		ccp	0.00	**19**	0.00	216	0.00	2107
vfr007 – 40×10	0.05	2%	**0.03**	100	0.04	**275**	0.03	3189
		ccp	0.04	**20**	0.04	289	0.03	**3136**
vfr007 – 40×15	0.08	2%	**0.04**	100	0.02	**406**	0.01	4552
		ccp	0.04	**35**	**0.02**	424	0.01	**4486**
vfr007 – 40×20	0.03	2%	**0.03**	100	0.02	**462**	0.01	4842
		ccp	0.03	**27**	**0.02**	471	0.01	**4778**
vfr007 – 50×05	0.00	2%	0.00	100	0.00	**157**	0.00	**1640**
		ccp	0.00	**30**	**0.00**	185	0.00	1675
vfr007 – 50×10	0.04	2%	**0.02**	100	0.02	**394**	0.02	4125
		ccp	0.02	**48**	**0.02**	428	0.02	**4076**
vfr007 – 50×15	0.06	2%	**0.03**	100	0.02	**519**	**0.02**	5769
		ccp	0.03	**54**	**0.02**	553	0.02	**5668**
vfr007 – 50×20	0.05	2%	**0.04**	100	0.03	**549**	0.02	5943
		ccp	0.04	**54**	**0.03**	585	0.02	**5862**
vfr007 – 60×05	0.01	2%	0.00	100	0.00	**191**	0.00	**1982**
		ccp	0.00	**41**	0.00	229	0.00	2010
vfr007 – 60×10	0.03	2%	**0.02**	100	0.01	**485**	**0.01**	5459
		ccp	0.02	**69**	**0.01**	565	0.01	**5315**
vfr007 – 60×15	0.06	2%	0.03	100	0.02	**635**	**0.02**	6985
		ccp	0.03	99	**0.02**	708	0.02	**6765**
vfr007 – 60×20	0.07	2%	**0.03**	100	0.03	**623**	**0.02**	7145
		ccp	0.04	**92**	**0.02**	698	0.02	**6876**
vfr007 – 100×20	0.07	2%	0.04	**100**	0.02	**1070**	**0.01**	11972
		ccp	**0.03**	394	**0.02**	1331	0.01	**11613**
vfr007 – 100×40	0.06	2%	0.04	**100**	0.03	**1096**	**0.02**	12202
		ccp	**0.04**	292	**0.03**	1324	0.02	**11992**
vfr007 – 100×60	0.05	2%	0.04	**100**	0.03	**1110**	0.02	11916
		ccp	**0.03**	244	**0.03**	1288	0.02	**11783**
vfr007 – 200×20	0.03	2%	0.02	**100**	0.02	**1576**	0.01	**17416**
		ccp	**0.01**	1671	**0.01**	2777	**0.01**	17955
vfr007 – 200×40	0.05	2%	0.04	**101**	0.02	**2217**	0.01	**24688**
		ccp	**0.03**	2282	**0.02**	4167	**0.01**	24802
vfr007 – 200×60	0.05	2%	0.04	**101**	0.02	**2306**	0.01	**24590**
		ccp	**0.03**	1736	**0.02**	3797	**0.01**	24694
vfr007 – 300×20	0.03	2%	0.02	**101**	0.01	**1679**	0.01	**18563**
		ccp	**0.01**	3680	**0.01**	4644	**0.01**	20431
vfr007 – 300×40	0.05	2%	0.04	**101**	0.02	**3252**	0.01	**35236**
		ccp	**0.02**	7148	**0.01**	8398	**0.01**	37350
vfr007 – 300×60	0.05	2%	0.04	**101**	0.02	**3396**	0.01	**37448**
		ccp	**0.03**	6503	**0.02**	8801	**0.01**	39221
vfr007 – 400×20	0.03	2%	0.02	**101**	0.01	**1724**	0.01	**19358**
		ccp	**0.01**	6857	**0.01**	7934	**0.01**	25084
vfr007 – 400×40	0.04	2%	0.04	**101**	0.01	**4006**	0.00	**43120**
		ccp	**0.02**	11772	**0.01**	13919	**0.00**	48003
vfr007 – 400×60	0.05	2%	0.04	**101**	0.02	**4804**	0.00	**50011**
		ccp	**0.03**	14492	**0.01**	18316	**0.00**	56092
vfr007 – 500×20	0.02	2%	0.01	**101**	0.01	**2038**	0.01	**22333**
		ccp	**0.00**	9110	**0.00**	10567	**0.00**	29860
vfr007 – 500×40	0.04	2%	0.03	**101**	0.02	**4129**	0.01	**46844**
		ccp	**0.02**	15523	**0.01**	18175	**0.01**	55441
vfr007 – 500×60	0.04	2%	0.04	**101**	0.02	**6054**	0.00	**62891**
		ccp	**0.02**	27010	**0.01**	29463	**0.00**	75042
vfr007 – 600×20	0.01	2%	0.01	**100**	0.01	**1793**	0.01	**19598**
		ccp	**0.00**	10697	**0.00**	14736	**0.00**	32550
vfr007 – 600×40	0.04	2%	0.03	**101**	0.01	**5321**	0.00	**54816**
		ccp	**0.01**	28462	**0.01**	29861	**0.00**	69415
vfr007 – 600×60	0.05	2%	0.04	**101**	0.01	**7196**	0.00	**71936**
		ccp	**0.02**	39924	**0.01**	42352	**0.00**	90532
vfr007 – 700×20	0.01	2%	0.01	**101**	0.01	**2175**	0.01	**23133**
		ccp	**0.00**	18649	**0.00**	20097	**0.00**	40197
vfr007 – 700×40	0.04	2%	0.03	**102**	0.01	**5707**	0.00	**59608**
		ccp	**0.01**	47859	**0.01**	40406	**0.00**	83203
vfr007 – 700×60	0.04	2%	0.04	**101**	0.01	**8572**	0.00	**81358**
		ccp	**0.02**	61231	**0.01**	64937	**0.00**	114596
vfr007 – 800×20	0.02	2%	0.01	**100**	0.01	**1884**	0.01	**20713**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.00**	16947	**0.00**	25305	**0.00**	43337
vfr007 – 800×40	0.03	2%	0.03	**101**	0.01	**5896**	0.00	**60810**
		ccp	**0.01**	61164	**0.01**	49580	**0.00**	89394
vfr007 – 800×60	0.04	2%	0.04	**101**	0.01	**9546**	0.00	**86634**
		ccp	**0.02**	86780	**0.01**	71490	**0.00**	128330
vfr008 – 10×05	0.03	2%	0.00	100	0.00	100	0.00	**859**
		ccp	0.00	**1**	0.00	**88**	0.00	931
vfr008 – 10×10	0.01	2%	0.01	100	0.00	100	0.00	**824**
		ccp	0.01	**1**	0.00	**84**	0.00	899
vfr008 – 10×15	0.02	2%	**0.01**	100	0.00	103	0.00	**966**
		ccp	0.01	**1**	0.00	**95**	0.00	1040
vfr008 – 10×20	0.03	2%	0.01	100	0.00	100	0.00	**802**
		ccp	0.01	**1**	0.00	**82**	0.00	879
vfr008 – 20×05	0.04	2%	**0.00**	100	0.00	**179**	0.00	**1912**
		ccp	0.01	**5**	0.00	184	0.00	1944
vfr008 – 20×10	0.02	2%	**0.01**	100	0.00	**175**	0.00	**1815**
		ccp	0.01	**6**	0.00	180	0.00	1856
vfr008 – 20×15	0.05	2%	**0.01**	100	0.01	**206**	0.00	**2184**
		ccp	0.02	**5**	0.01	210	0.00	2204
vfr008 – 20×20	0.03	2%	0.02	100	0.01	**205**	0.00	**2174**
		ccp	0.02	**4**	0.01	208	0.00	2190
vfr008 – 30×05	0.02	2%	**0.01**	100	0.01	**176**	0.00	**2042**
		ccp	0.01	**13**	**0.01**	193	**0.00**	2095
vfr008 – 30×10	0.05	2%	**0.02**	100	0.02	**296**	0.01	3239
		ccp	0.02	**17**	**0.02**	301	0.01	**3223**
vfr008 – 30×15	0.07	2%	**0.03**	100	0.02	**328**	0.01	3404
		ccp	0.03	**15**	0.02	330	0.01	**3386**
vfr008 – 30×20	0.04	2%	**0.03**	100	0.02	**316**	0.01	3367
		ccp	0.03	**14**	0.02	319	0.01	**3350**
vfr008 – 40×05	0.00	2%	0.00	100	0.00	**135**	0.00	**1428**
		ccp	0.00	**16**	0.00	152	0.00	1478
vfr008 – 40×10	0.05	2%	**0.02**	100	0.02	**329**	0.01	3744
		ccp	0.02	**28**	**0.02**	344	0.01	**3691**
vfr008 – 40×15	0.07	2%	**0.03**	100	0.02	**433**	0.01	4652
		ccp	0.04	**33**	**0.02**	445	0.01	**4591**
vfr008 – 40×20	0.07	2%	**0.03**	100	0.02	**436**	0.01	4601
		ccp	0.03	**30**	**0.02**	448	0.01	**4553**
vfr008 – 50×05	0.00	2%	0.00	100	0.00	**148**	0.00	**1567**
		ccp	0.00	**26**	0.00	174	0.00	1609
vfr008 – 50×10	0.04	2%	**0.02**	100	0.02	**436**	0.01	4700
		ccp	0.02	**56**	**0.01**	474	0.01	**4626**
vfr008 – 50×15	0.08	2%	**0.03**	100	0.02	**531**	**0.01**	5839
		ccp	0.03	**60**	**0.02**	572	0.01	**5741**
vfr008 – 50×20	0.06	2%	**0.03**	100	0.02	**530**	0.01	5794
		ccp	0.03	**55**	**0.02**	561	0.01	**5722**
vfr008 – 60×05	0.01	2%	**0.00**	100	0.00	**218**	0.00	**2354**
		ccp	0.00	**50**	**0.00**	276	0.00	2362
vfr008 – 60×10	0.03	2%	**0.01**	100	0.01	**294**	0.01	3278
		ccp	0.01	**63**	**0.01**	381	0.01	**3262**
vfr008 – 60×15	0.06	2%	**0.03**	100	0.02	**599**	**0.02**	6718
		ccp	0.03	**88**	**0.02**	659	0.02	**6534**
vfr008 – 60×20	0.07	2%	0.04	100	0.02	**687**	**0.02**	7390
		ccp	0.04	**90**	**0.02**	739	0.02	**7244**
vfr008 – 100×20	0.07	2%	0.03	**100**	0.02	**1052**	**0.01**	11723
		ccp	**0.03**	372	**0.02**	1335	0.01	**11496**
vfr008 – 100×40	0.05	2%	0.04	**100**	0.03	**1113**	**0.02**	12273
		ccp	**0.04**	292	**0.02**	1366	0.02	**12069**
vfr008 – 100×60	0.06	2%	0.04	**100**	0.03	**1094**	0.02	11738
		ccp	**0.04**	237	**0.03**	1271	0.02	**11611**
vfr008 – 200×20	0.04	2%	0.02	**101**	0.02	**1396**	0.01	**15407**
		ccp	**0.01**	1695	**0.01**	2512	**0.01**	15950
vfr008 – 200×40	0.06	2%	0.04	**101**	0.02	**2243**	0.01	**24317**
		ccp	**0.03**	2299	**0.02**	4105	**0.01**	24530
vfr008 – 200×60	0.05	2%	0.04	**101**	0.02	**2262**	0.01	**24989**
		ccp	**0.03**	1749	**0.02**	3841	0.01	25077
vfr008 – 300×20	0.03	2%	0.02	**100**	0.02	**1685**	0.01	**18664**
		ccp	**0.01**	3492	**0.01**	4627	**0.01**	20509
vfr008 – 300×40	0.05	2%	0.04	**101**	0.02	**3238**	0.01	**35788**
		ccp	**0.02**	7016	**0.01**	8974	**0.01**	37561
vfr008 – 300×60	0.05	2%	0.04	**101**	0.02	**3403**	0.01	**37294**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.03**	5762	**0.02**	8867	**0.01**	39235
vfr008 – 400×20	0.03	2%	0.02	**101**	0.01	**1718**	0.01	**19253**
		ccp	**0.01**	5807	**0.01**	6996	**0.01**	24444
vfr008 – 400×40	0.04	2%	0.03	**101**	0.02	**3938**	0.01	**42257**
		ccp	**0.02**	15275	**0.01**	13294	**0.00**	47511
vfr008 – 400×60	0.04	2%	0.04	**101**	0.02	**4640**	0.00	**50323**
		ccp	**0.02**	14564	**0.01**	17191	**0.00**	55205
vfr008 – 500×20	0.02	2%	0.01	**101**	0.01	**2221**	0.01	**24563**
		ccp	**0.00**	11487	**0.00**	11457	**0.00**	32338
vfr008 – 500×40	0.04	2%	0.03	**101**	0.01	**4594**	0.01	**47732**
		ccp	**0.02**	20505	**0.01**	18163	**0.00**	56608
vfr008 – 500×60	0.04	2%	0.04	**101**	0.01	**6223**	0.00	**63196**
		ccp	**0.02**	27503	**0.01**	30795	**0.00**	74617
vfr008 – 600×20	0.02	2%	0.01	**100**	0.01	**2210**	0.01	**24281**
		ccp	**0.01**	16021	**0.01**	15327	**0.00**	33951
vfr008 – 600×40	0.04	2%	0.03	**101**	0.01	**5055**	0.01	**52658**
		ccp	**0.01**	36602	**0.01**	26340	**0.00**	66144
vfr008 – 600×60	0.04	2%	0.04	**101**	0.02	**7067**	0.00	**71676**
		ccp	**0.02**	47948	**0.01**	42435	**0.00**	91091
vfr008 – 700×20	0.01	2%	0.01	**100**	0.01	**2482**	0.01	**27229**
		ccp	**0.00**	24164	**0.00**	22304	**0.00**	43461
vfr008 – 700×40	0.04	2%	0.03	**102**	0.01	**5124**	0.00	**55188**
		ccp	**0.01**	43631	**0.01**	36516	**0.00**	77833
vfr008 – 700×60	0.04	2%	0.04	**101**	0.01	**8094**	0.00	**79646**
		ccp	**0.02**	51097	**0.01**	57145	**0.00**	109029
vfr008 – 800×20	0.01	2%	0.01	**100**	0.01	**2020**	0.01	**23287**
		ccp	**0.00**	21332	**0.00**	27378	**0.00**	47327
vfr008 – 800×40	0.03	2%	0.03	**102**	0.01	**5785**	0.01	**60025**
		ccp	**0.01**	51741	**0.01**	44458	**0.00**	88124
vfr008 – 800×60	0.04	2%	0.04	**101**	0.01	**8643**	0.00	**84707**
		ccp	**0.02**	67737	**0.01**	74944	**0.00**	123068
vfr009 – 10×05	0.02	2%	**0.00**	100	0.00	100	0.00	**881**
		ccp	0.00	**1**	0.00	**89**	0.00	957
vfr009 – 10×10	0.01	2%	**0.00**	100	0.00	100	0.00	**913**
		ccp	0.00	**1**	0.00	**93**	0.00	981
vfr009 – 10×15	0.02	2%	0.00	100	0.00	100	0.00	**786**
		ccp	0.00	**1**	0.00	**81**	0.00	865
vfr009 – 10×20	0.03	2%	0.01	100	0.00	101	0.00	**990**
		ccp	0.01	**1**	0.00	100	0.00	1059
vfr009 – 20×05	0.01	2%	**0.00**	100	0.00	**128**	0.00	**1425**
		ccp	0.00	**4**	0.00	140	0.00	1474
vfr009 – 20×10	0.04	2%	**0.01**	100	0.01	**198**	0.00	**2149**
		ccp	0.01	**5**	0.01	203	0.00	2173
vfr009 – 20×15	0.03	2%	**0.01**	100	0.00	**212**	0.00	**2243**
		ccp	0.01	**6**	0.00	214	0.00	2258
vfr009 – 20×20	0.04	2%	**0.02**	100	0.00	**202**	0.00	**2106**
		ccp	0.02	**5**	0.00	204	0.00	2127
vfr009 – 30×05	0.00	2%	0.00	100	0.00	**123**	0.00	**1339**
		ccp	0.00	**9**	0.00	135	0.00	1389
vfr009 – 30×10	0.06	2%	**0.01**	100	0.01	**291**	0.01	2970
		ccp	0.02	**16**	0.01	294	0.01	**2961**
vfr009 – 30×15	0.05	2%	**0.02**	100	0.01	**338**	0.01	3535
		ccp	0.02	**15**	0.01	341	0.01	**3514**
vfr009 – 30×20	0.04	2%	**0.02**	100	0.02	**314**	0.01	3294
		ccp	0.02	**14**	0.02	317	0.01	**3275**
vfr009 – 40×05	0.01	2%	**0.00**	100	0.00	**181**	0.00	**2029**
		ccp	0.00	**22**	**0.00**	212	0.00	2062
vfr009 – 40×10	0.05	2%	**0.03**	100	0.03	**304**	0.02	3785
		ccp	0.04	**26**	**0.03**	334	0.02	**3749**
vfr009 – 40×15	0.05	2%	**0.03**	100	0.02	**454**	0.01	4820
		ccp	0.03	**30**	**0.02**	465	0.01	**4770**
vfr009 – 40×20	0.05	2%	**0.03**	100	0.02	**428**	0.02	4479
		ccp	0.03	**28**	**0.02**	440	0.02	**4439**
vfr009 – 50×05	0.00	2%	0.00	100	0.00	**179**	0.00	**1855**
		ccp	0.00	**27**	0.00	204	0.00	1884
vfr009 – 50×10	0.03	2%	**0.00**	100	0.00	**355**	0.00	3645
		ccp	0.00	**42**	**0.00**	383	0.00	**3622**
vfr009 – 50×15	0.06	2%	**0.03**	100	0.02	**519**	**0.01**	5815
		ccp	0.03	**65**	**0.02**	570	0.01	**5679**
vfr009 – 50×20	0.05	2%	**0.03**	100	0.02	**540**	**0.01**	5962

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**57**	**0.02**	580	0.01	**5846**
vfr009 – 60×05	0.01	2%	**0.00**	100	0.00	**203**	0.00	**2374**
		ccp	0.00	**44**	**0.00**	269	0.00	2389
vfr009 – 60×10	0.01	2%	**0.00**	100	0.00	**371**	0.00	3815
		ccp	0.00	**48**	**0.00**	416	0.00	**3786**
vfr009 – 60×15	0.06	2%	0.03	100	0.02	**548**	**0.01**	6307
		ccp	0.03	97	**0.02**	627	0.01	**6107**
vfr009 – 60×20	0.07	2%	**0.03**	100	0.03	**618**	**0.01**	7131
		ccp	0.03	**86**	**0.02**	687	0.01	**6897**
vfr009 – 100×20	0.06	2%	0.03	**100**	0.02	**978**	**0.01**	11403
		ccp	**0.03**	390	**0.02**	1284	0.01	**11087**
vfr009 – 100×40	0.06	2%	0.04	**100**	0.03	**1128**	0.02	12162
		ccp	**0.04**	283	**0.03**	1350	0.02	**12001**
vfr009 – 100×60	0.05	2%	0.04	**100**	0.03	**1055**	0.02	11336
		ccp	**0.04**	225	**0.03**	1237	0.02	**11204**
vfr009 – 200×20	0.04	2%	0.03	**100**	0.02	**1512**	0.01	**16694**
		ccp	**0.02**	1630	**0.02**	2796	**0.01**	17242
vfr009 – 200×40	0.06	2%	0.04	**101**	0.02	**2278**	0.01	**25577**
		ccp	**0.03**	2319	**0.02**	4145	**0.01**	25692
vfr009 – 200×60	0.05	2%	0.04	**101**	0.02	**2259**	0.01	**24934**
		ccp	**0.03**	1861	**0.02**	3786	0.01	25021
vfr009 – 300×20	0.04	2%	0.02	**101**	0.02	**1606**	0.01	**18014**
		ccp	**0.01**	3409	**0.01**	4701	**0.01**	20182
vfr009 – 300×40	0.05	2%	0.04	**101**	0.02	**3152**	0.01	**34262**
		ccp	**0.02**	6749	**0.01**	8307	**0.01**	36122
vfr009 – 300×60	0.05	2%	0.04	**101**	0.02	**3508**	0.01	**37345**
		ccp	**0.03**	6065	**0.02**	8894	**0.01**	39395
vfr009 – 400×20	0.03	2%	0.02	**100**	0.01	**1764**	0.01	**19766**
		ccp	**0.01**	6746	**0.01**	7638	**0.01**	24686
vfr009 – 400×40	0.04	2%	0.03	**101**	0.01	**4251**	0.00	**44282**
		ccp	**0.02**	12821	**0.01**	14666	**0.00**	49483
vfr009 – 400×60	0.05	2%	0.04	**101**	0.02	**4812**	0.00	**50967**
		ccp	**0.02**	15977	**0.01**	17122	**0.00**	56591
vfr009 – 500×20	0.02	2%	0.01	**101**	0.01	**2089**	0.01	**23493**
		ccp	**0.01**	9756	**0.01**	12458	**0.01**	31933
vfr009 – 500×40	0.04	2%	0.04	**101**	0.01	**4742**	0.01	**50510**
		ccp	**0.02**	19532	**0.01**	21968	**0.00**	60258
vfr009 – 500×60	0.04	2%	0.03	**101**	0.02	**6003**	0.00	**62203**
		ccp	**0.02**	26948	**0.01**	29139	**0.00**	75744
vfr009 – 600×20	0.02	2%	0.01	**101**	0.01	**1903**	0.01	**21475**
		ccp	**0.01**	12110	**0.01**	13074	**0.01**	31458
vfr009 – 600×40	0.04	2%	0.03	**101**	0.01	**5463**	0.00	**56308**
		ccp	**0.01**	33976	**0.01**	28906	**0.00**	68479
vfr009 – 600×60	0.04	2%	0.04	**101**	0.02	**6803**	0.01	**68128**
		ccp	**0.02**	41069	**0.01**	41178	**0.00**	88497
vfr009 – 700×20	0.01	2%	0.01	**100**	0.01	**2117**	0.01	**23828**
		ccp	**0.00**	18587	**0.00**	23089	**0.00**	41689
vfr009 – 700×40	0.04	2%	0.03	**101**	0.01	**5268**	0.01	**56463**
		ccp	**0.01**	41879	**0.01**	37890	**0.00**	77714
vfr009 – 700×60	0.04	2%	0.04	**101**	0.01	**8770**	0.00	**82240**
		ccp	**0.02**	58287	**0.01**	60277	**0.00**	115545
vfr009 – 800×20	0.01	2%	0.01	**100**	0.01	**1792**	0.00	**19522**
		ccp	**0.00**	27746	**0.00**	24698	**0.00**	38550
vfr009 – 800×40	0.03	2%	0.03	**102**	0.01	**5562**	0.01	**60321**
		ccp	**0.01**	62009	**0.01**	49044	**0.00**	92528
vfr009 – 800×60	0.04	2%	0.03	**101**	0.01	**9357**	0.00	**88661**
		ccp	**0.01**	90381	**0.01**	76821	**0.00**	133724
vfr010 – 10×05	0.00	2%	0.00	100	0.00	100	0.00	**788**
		ccp	0.00	**1**	0.00	**81**	0.00	868
vfr010 – 10×10	0.05	2%	**0.00**	100	0.00	100	0.00	**750**
		ccp	0.00	**1**	0.00	**77**	0.00	831
vfr010 – 10×15	0.00	2%	0.00	100	0.00	100	0.00	**876**
		ccp	0.00	**1**	0.00	**88**	0.00	939
vfr010 – 10×20	0.00	2%	0.00	100	0.00	100	0.00	**862**
		ccp	0.00	**1**	0.00	**87**	0.00	941
vfr010 – 20×05	0.01	2%	0.00	100	0.00	**166**	0.00	**1747**
		ccp	0.00	**4**	0.00	171	0.00	1786
vfr010 – 20×10	0.08	2%	**0.03**	100	0.01	**200**	0.00	**2133**
		ccp	0.03	**6**	0.01	204	0.00	2146
vfr010 – 20×15	0.05	2%	**0.03**	100	0.01	**193**	0.00	**2072**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	0.03	**5**	0.01	196	0.00	2089
vfr010 – 20×20	0.04	2%	**0.01**	100	0.01	**188**	0.00	**2054**
		ccp	0.02	**5**	0.01	194	0.00	2072
vfr010 – 30×05	0.02	2%	**0.00**	100	0.00	**166**	0.00	**1832**
		ccp	0.00	**13**	**0.00**	181	0.00	1852
vfr010 – 30×10	0.05	2%	**0.02**	100	0.01	**290**	0.01	3204
		ccp	0.02	**15**	**0.01**	297	0.01	**3190**
vfr010 – 30×15	0.06	2%	**0.03**	100	0.02	**293**	0.01	3163
		ccp	0.03	**15**	**0.02**	300	0.01	**3149**
vfr010 – 30×20	0.04	2%	**0.02**	100	0.02	**321**	0.01	3352
		ccp	0.03	**13**	0.02	323	0.01	**3334**
vfr010 – 40×05	0.00	2%	0.00	100	0.00	**165**	0.00	**1742**
		ccp	0.00	**19**	0.00	184	0.00	1781
vfr010 – 40×10	0.04	2%	**0.02**	100	0.02	**343**	0.01	3891
		ccp	0.02	**28**	**0.02**	367	0.01	**3829**
vfr010 – 40×15	0.06	2%	**0.03**	100	0.02	**393**	**0.02**	4412
		ccp	0.03	**34**	**0.02**	412	0.02	**4338**
vfr010 – 40×20	0.07	2%	**0.04**	100	0.02	**434**	0.01	4566
		ccp	0.04	**30**	**0.02**	448	0.01	**4521**
vfr010 – 50×05	0.00	2%	**0.00**	100	0.00	**196**	0.00	**2214**
		ccp	0.00	**30**	**0.00**	239	0.00	2248
vfr010 – 50×10	0.05	2%	**0.02**	100	0.02	**360**	**0.01**	3980
		ccp	0.02	**36**	**0.02**	387	0.01	**3898**
vfr010 – 50×15	0.07	2%	**0.04**	100	0.02	**524**	0.02	5752
		ccp	0.04	**57**	**0.02**	571	0.02	**5646**
vfr010 – 50×20	0.06	2%	**0.03**	100	0.02	**550**	0.01	6109
		ccp	0.03	**61**	**0.02**	592	0.01	**6011**
vfr010 – 60×05	0.00	2%	0.00	100	0.00	**100**	0.00	**896**
		ccp	0.00	**39**	0.00	126	0.00	965
vfr010 – 60×10	0.05	2%	**0.01**	100	0.02	**468**	**0.01**	5362
		ccp	0.01	**75**	**0.02**	544	0.01	**5248**
vfr010 – 60×15	0.04	2%	**0.02**	100	0.02	**566**	**0.01**	6192
		ccp	0.02	**93**	**0.02**	629	0.01	**6020**
vfr010 – 60×20	0.07	2%	**0.03**	100	0.02	**676**	**0.01**	7463
		ccp	0.03	**89**	**0.02**	721	0.01	**7297**
vfr010 – 100×20	0.07	2%	0.04	**100**	0.03	**946**	**0.02**	10883
		ccp	**0.03**	375	**0.02**	1214	0.02	**10596**
vfr010 – 100×40	0.06	2%	0.04	**100**	0.03	**1119**	**0.02**	12082
		ccp	**0.04**	286	**0.03**	1345	0.02	**11885**
vfr010 – 100×60	0.06	2%	0.04	**100**	0.03	**1055**	0.02	11326
		ccp	**0.04**	228	**0.03**	1234	0.02	**11197**
vfr010 – 200×20	0.04	2%	0.03	**101**	0.02	**1642**	0.01	**17993**
		ccp	**0.02**	1955	**0.01**	2881	**0.01**	18372
vfr010 – 200×40	0.05	2%	0.04	**101**	0.02	**2199**	0.01	**24853**
		ccp	**0.02**	2575	**0.02**	4185	**0.01**	24975
vfr010 – 200×60	0.06	2%	0.05	**101**	0.02	**2230**	0.01	**24787**
		ccp	**0.04**	1924	**0.02**	3755	0.01	24917
vfr010 – 300×20	0.03	2%	0.01	**100**	0.01	**1318**	0.01	**14645**
		ccp	**0.01**	2228	**0.01**	3768	**0.01**	16371
vfr010 – 300×40	0.05	2%	0.04	**101**	0.02	**3224**	0.01	**35168**
		ccp	**0.02**	6888	**0.01**	8426	**0.00**	37056
vfr010 – 300×60	0.05	2%	0.04	**101**	0.02	**3392**	0.01	**37732**
		ccp	**0.03**	6351	**0.02**	8690	**0.01**	39579
vfr010 – 400×20	0.02	2%	0.01	**101**	0.01	**1831**	0.00	**20767**
		ccp	**0.00**	6251	**0.00**	7585	**0.00**	24934
vfr010 – 400×40	0.05	2%	0.04	**101**	0.02	**4128**	0.01	**44128**
		ccp	**0.02**	12508	**0.01**	14669	**0.01**	49088
vfr010 – 400×60	0.04	2%	0.04	**101**	0.02	**4650**	0.00	**50267**
		ccp	**0.02**	14629	**0.01**	16532	**0.00**	55361
vfr010 – 500×20	0.02	2%	0.01	**101**	0.01	**2192**	0.01	**23369**
		ccp	**0.01**	10061	**0.01**	10347	**0.01**	29713
vfr010 – 500×40	0.04	2%	0.04	**101**	0.01	**4674**	0.01	**49279**
		ccp	**0.02**	22286	**0.01**	20539	**0.01**	58119
vfr010 – 500×60	0.04	2%	0.03	**101**	0.02	**5971**	0.00	**62352**
		ccp	**0.02**	27304	**0.01**	29408	**0.00**	74471
vfr010 – 600×20	0.02	2%	0.01	**101**	0.01	**2291**	0.01	**25295**
		ccp	**0.00**	17581	**0.01**	17168	**0.00**	37469
vfr010 – 600×40	0.04	2%	0.03	**101**	0.01	**5129**	0.00	**54059**
		ccp	**0.01**	30894	**0.01**	26452	**0.00**	67668
vfr010 – 600×60	0.04	2%	0.04	**101**	0.02	**6961**	0.00	**70658**

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Table 4: *Continued from previous page*

Dataset	NEH	Stopping	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
	RPD	Criterion	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)	$\overline{RPD}$	Iters. (10^3)
		ccp	**0.02**	42863	**0.01**	41912	**0.00**	93332
vfr010 – 700×20	0.01	2%	0.01	**100**	0.01	**1863**	0.01	**19934**
		ccp	**0.01**	9739	**0.01**	11804	**0.01**	28404
vfr010 – 700×40	0.03	2%	0.03	**101**	0.01	**5690**	0.01	**57064**
		ccp	**0.01**	43439	**0.01**	33397	**0.00**	75013
vfr010 – 700×60	0.04	2%	0.04	**101**	0.01	**7367**	0.00	**75576**
		ccp	**0.02**	54058	**0.01**	53391	**0.00**	104089
vfr010 – 800×20	0.01	2%	0.01	**101**	0.01	**2255**	0.00	**25244**
		ccp	**0.00**	28571	**0.00**	31695	**0.00**	52579
vfr010 – 800×40	0.03	2%	0.03	**101**	0.01	**5894**	0.01	**61982**
		ccp	**0.01**	62607	**0.01**	51923	**0.00**	91210
vfr010 – 800×60	0.04	2%	0.03	**101**	0.02	**10212**	0.00	**97049**
		ccp	**0.01**	91515	**0.01**	86400	**0.00**	142722

Table 5: The CCP cutoff time for TSP, QAP, and PFSP instances with confidence level $p = 0.95$, as a percentage of the total search time. Results are average over 100 independent runs.

TSP

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
d657	61.48 %	12.35 %	1.50 %
u724	60.38 %	13.18 %	1.65 %
rat783	58.51 %	14.50 %	1.85 %
dsj1000	61.30 %	16.67 %	2.21 %
pr1002	59.87 %	16.67 %	2.21 %
u1060	53.15 %	16.68 %	2.33 %
vm1084	59.57 %	17.28 %	2.37 %
pcb1173	60.79 %	18.49 %	2.57 %
d1291	55.78 %	19.15 %	2.78 %
rl1304	58.18 %	19.25 %	2.78 %
rl1323	58.44 %	19.44 %	2.82 %
nrw1379	61.80 %	20.95 %	3.03 %
fl1400	33.99 %	18.06 %	3.29 %
u1432	31.91 %	16.51 %	3.02 %
fl1577	39.82 %	18.76 %	3.34 %
d1655	48.79 %	20.85 %	3.47 %
vm1748	56.32 %	22.63 %	3.63 %
u1817	40.59 %	19.74 %	3.69 %
rl1889	57.73 %	23.11 %	3.85 %
d2103	49.21 %	23.76 %	4.31 %
u2152	36.99 %	20.50 %	4.23 %
u2319	24.47 %	17.76 %	4.59 %
pr2392	58.77 %	27.49 %	4.83 %
pcb3038	59.36 %	31.06 %	6.04 %
fl3795	27.28 %	20.39 %	6.35 %
fnl4461	60.57 %	36.58 %	8.42 %
rl5915	53.46 %	35.44 %	10.05 %
rl5934	54.46 %	36.07 %	10.03 %
brd14051	57.78 %	47.60 %	19.61 %
d15112	60.80 %	49.75 %	20.62 %

QAP

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
bur26a	62.23%	1.57%	1.51%
bur26b	64.11%	1.68%	1.61%
bur26c	62.48%	1.54%	1.48%
bur26d	64.31%	1.62%	1.57%
bur26e	62.87%	1.53%	1.46%
bur26f	63.14%	1.65%	1.57%
bur26g	62.51%	1.51%	1.47%
bur26h	63.44%	1.61%	1.56%
chr12a	69.81%	4.63%	4.16%
chr12b	68.83%	4.12%	3.82%
chr12c	72.91%	4.87%	4.48%
chr15a	67.88%	3.72%	3.48%
chr15b	67.68%	3.42%	3.21%
chr15c	71.51%	3.76%	3.48%
chr18a	70.19%	2.81%	2.62%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
chr18b	64.80%	2.86%	2.72%
chr20a	67.22%	2.55%	2.43%
chr20b	70.52%	2.81%	2.71%
chr20c	66.21%	2.25%	2.10%
chr22a	65.09%	2.21%	2.01%
chr22b	66.33%	2.36%	2.25%
chr25a	65.01%	1.81%	1.75%
els19	62.74%	2.23%	2.13%
esc16a	73.93%	6.30%	5.98%
esc16b	91.75%	10.49%	10.01%
esc16c	72.71%	5.41%	5.12%
esc16d	75.51%	6.91%	6.60%
esc16e	71.89%	7.73%	7.33%
esc16f	100.00%	100.00%	100.00%
esc16g	72.82%	7.00%	6.67%
esc16h	82.81%	6.11%	5.65%
esc16i	88.07%	7.64%	7.16%
esc16j	76.36%	9.76%	9.34%
esc32a	56.56%	1.88%	1.80%
esc32b	57.44%	2.16%	2.08%
esc32c	82.77%	2.97%	2.85%
esc32d	66.22%	2.66%	2.56%
esc32e	97.31%	9.19%	8.51%
esc32g	92.14%	8.48%	8.02%
esc32h	68.22%	2.52%	2.41%
esc64a	86.84%	10.62%	2.63%
esc128	76.26%	22.09%	2.84%
had12	67.26%	4.38%	4.14%
had14	63.39%	3.46%	3.31%
had16	63.92%	2.83%	2.72%
had18	63.43%	2.52%	2.41%
had20	63.73%	2.18%	2.10%
kra30a	61.28%	1.30%	1.25%
kra30b	60.20%	1.32%	1.26%
kra32	58.28%	1.21%	1.16%
lipa20a	68.11%	2.36%	2.12%
lipa20b	68.71%	1.89%	1.75%
lipa30a	65.00%	1.37%	1.16%
lipa30b	66.91%	1.08%	0.99%
lipa40a	63.75%	1.56%	0.91%
lipa40b	62.69%	1.05%	0.68%
lipa50a	64.09%	1.95%	0.65%
lipa50b	61.37%	1.33%	0.51%
lipa60a	61.74%	2.37%	0.57%
lipa60b	59.69%	1.94%	0.41%
lipa70a	60.90%	2.69%	0.47%
lipa70b	58.79%	2.16%	0.33%
lipa80a	59.41%	3.15%	0.45%
lipa80b	57.91%	2.70%	0.28%
lipa90a	61.99%	3.42%	0.37%
lipa90b	57.92%	3.13%	0.24%
nug12	69.65%	5.01%	4.68%
nug14	67.80%	3.83%	3.51%
nug15	66.21%	3.44%	3.25%
nug16a	67.05%	3.07%	2.95%
nug16b	66.67%	3.12%	2.97%
nug17	65.22%	2.91%	2.74%
nug18	66.14%	2.71%	2.63%
nug20	65.35%	2.31%	2.19%
nug21	64.47%	2.12%	2.01%
nug22	64.22%	1.90%	1.83%
nug24	62.65%	1.75%	1.68%
nug25	60.21%	1.66%	1.58%
nug27	61.47%	1.46%	1.40%
nug28	59.97%	1.43%	1.35%
nug30	60.46%	1.25%	1.22%
rou12	71.67%	4.70%	4.38%
rou15	67.83%	3.65%	3.36%
rou20	68.93%	2.57%	2.36%
scr12	69.05%	4.62%	4.28%
scr15	69.14%	3.19%	3.05%
scr20	66.81%	2.22%	2.13%
sko42	57.28%	1.31%	0.76%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
sko49	55.63%	1.52%	0.63%
sko56	56.64%	1.67%	0.52%
sko64	52.97%	1.86%	0.43%
sko72	52.64%	2.06%	0.37%
sko81	52.47%	2.28%	0.32%
sko90	51.32%	2.50%	0.28%
sko100a	50.83%	2.73%	0.28%
sko100b	49.83%	2.72%	0.28%
sko100c	50.48%	2.71%	0.27%
sko100d	50.68%	2.74%	0.28%
sko100e	50.00%	2.69%	0.27%
sko100f	48.16%	2.74%	0.28%
ste36a	60.78%	1.15%	0.93%
ste36b	59.91%	1.11%	0.90%
ste36c	61.97%	1.12%	0.91%
tai10a	73.80%	6.02%	5.42%
tai10b	73.49%	5.29%	4.71%
tai12a	72.71%	4.35%	4.02%
tai12b	68.29%	4.38%	4.09%
tai15a	72.64%	3.73%	3.51%
tai15b	66.59%	3.11%	2.90%
tai17a	69.95%	3.19%	3.01%
tai20a	70.09%	2.58%	2.49%
tai20b	60.89%	2.11%	2.00%
tai25a	67.61%	1.98%	1.86%
tai25b	60.38%	1.50%	1.44%
tai30a	67.97%	1.52%	1.48%
tai30b	59.28%	1.18%	1.14%
tai35a	64.81%	1.40%	1.23%
tai35b	58.77%	1.07%	0.94%
tai40a	62.72%	1.59%	1.02%
tai40b	58.47%	1.19%	0.78%
tai50a	61.28%	1.93%	0.77%
tai50b	56.16%	1.45%	0.58%
tai60a	58.10%	2.30%	0.61%
tai60b	53.52%	1.69%	0.46%
tai64c	79.91%	13.60%	3.38%
tai80a	57.23%	3.04%	0.43%
tai80b	51.98%	2.19%	0.32%
tai100a	56.25%	3.66%	0.37%
tai100b	50.62%	2.64%	0.27%
tai150b	44.45%	3.78%	0.39%
tai256c	72.77%	32.37%	5.17%
tho30	62.67%	1.21%	1.18%
tho40	59.74%	1.26%	0.80%
tho150	49.33%	3.77%	0.39%
wil50	55.29%	1.52%	0.61%
wil100	47.77%	2.74%	0.28%

PFSP

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
tai001 – 020×05	85.42%	4.29%	3.29%
tai002 – 020×05	82.28%	4.67%	4.18%
tai003 – 020×05	63.58%	2.85%	2.49%
tai004 – 020×05	67.88%	2.62%	2.45%
tai005 – 020×05	73.18%	3.21%	3.03%
tai006 – 020×05	80.83%	3.38%	2.89%
tai007 – 020×05	94.71%	4.35%	4.10%
tai008 – 020×05	71.77%	2.87%	2.69%
tai009 – 020×05	62.57%	2.92%	2.77%
tai010 – 020×05	59.44%	2.76%	2.70%
tai011 – 020×10	64.39%	2.38%	2.30%
tai012 – 020×10	62.47%	2.44%	2.39%
tai013 – 020×10	72.52%	2.51%	2.38%
tai014 – 020×10	70.65%	2.49%	2.35%
tai015 – 020×10	68.31%	2.41%	2.28%
tai016 – 020×10	68.21%	2.59%	2.37%
tai017 – 020×10	78.84%	2.46%	2.31%
tai018 – 020×10	69.94%	2.56%	2.43%
tai019 – 020×10	67.26%	2.78%	2.59%
tai020 – 020×10	73.94%	2.57%	2.46%
tai021 – 020×20	70.50%	2.53%	2.37%
tai022 – 020×20	71.35%	2.43%	2.30%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
tai023 – 020×20	74.08%	2.58%	2.47%
tai024 – 020×20	73.41%	2.38%	2.31%
tai025 – 020×20	71.25%	2.55%	2.44%
tai026 – 020×20	71.01%	2.50%	2.42%
tai027 – 020×20	64.52%	2.49%	2.38%
tai028 – 020×20	75.42%	2.52%	2.36%
tai029 – 020×20	69.27%	2.51%	2.36%
tai030 – 020×20	69.35%	2.37%	2.28%
tai031 – 050×05	93.29%	14.36%	3.03%
tai032 – 050×05	77.74%	10.36%	2.04%
tai033 – 050×05	90.48%	10.80%	2.24%
tai034 – 050×05	67.72%	10.72%	2.13%
tai035 – 050×05	96.12%	13.56%	2.85%
tai036 – 050×05	88.98%	11.23%	2.32%
tai037 – 050×05	69.90%	9.25%	1.87%
tai038 – 050×05	89.79%	11.26%	2.18%
tai039 – 050×05	83.71%	10.49%	2.20%
tai040 – 050×05	62.58%	12.91%	2.85%
tai041 – 050×10	74.61%	6.12%	1.07%
tai042 – 050×10	51.74%	5.28%	1.05%
tai043 – 050×10	47.78%	4.82%	0.92%
tai044 – 050×10	55.90%	5.80%	1.12%
tai045 – 050×10	48.97%	5.17%	0.99%
tai046 – 050×10	50.85%	6.12%	1.13%
tai047 – 050×10	61.76%	6.38%	1.26%
tai048 – 050×10	51.38%	5.80%	1.14%
tai049 – 050×10	57.29%	5.30%	1.01%
tai050 – 050×10	49.19%	5.50%	1.05%
tai051 – 050×20	50.75%	4.49%	0.88%
tai052 – 050×20	49.57%	4.45%	0.83%
tai053 – 050×20	51.78%	4.55%	0.87%
tai054 – 050×20	48.25%	4.47%	0.86%
tai055 – 050×20	52.43%	4.26%	0.82%
tai056 – 050×20	47.75%	4.55%	0.88%
tai057 – 050×20	45.23%	4.37%	0.84%
tai058 – 050×20	51.17%	4.41%	0.85%
tai059 – 050×20	54.34%	4.43%	0.85%
tai060 – 050×20	50.75%	4.70%	0.87%
tai061 – 100×05	90.40%	37.74%	5.86%
tai062 – 100×05	95.44%	37.95%	5.80%
tai063 – 100×05	77.27%	28.01%	4.15%
tai064 – 100×05	88.09%	31.46%	5.23%
tai065 – 100×05	77.84%	29.26%	4.64%
tai066 – 100×05	95.75%	34.59%	5.38%
tai067 – 100×05	95.51%	30.29%	4.88%
tai068 – 100×05	76.50%	27.16%	4.15%
tai069 – 100×05	89.67%	30.08%	4.53%
tai070 – 100×05	75.65%	28.88%	4.45%
tai071 – 100×10	60.00%	16.38%	2.07%
tai072 – 100×10	65.03%	17.14%	2.19%
tai073 – 100×10	54.82%	18.71%	2.47%
tai074 – 100×10	58.19%	15.38%	1.89%
tai075 – 100×10	48.82%	15.01%	1.88%
tai076 – 100×10	65.99%	18.54%	2.33%
tai077 – 100×10	60.20%	17.71%	2.36%
tai078 – 100×10	55.91%	16.58%	2.10%
tai079 – 100×10	53.69%	16.80%	2.37%
tai080 – 100×10	94.93%	24.50%	3.12%
tai081 – 100×20	41.33%	10.32%	1.16%
tai082 – 100×20	40.25%	10.58%	1.23%
tai083 – 100×20	40.00%	10.37%	1.21%
tai084 – 100×20	47.26%	12.14%	1.44%
tai085 – 100×20	44.09%	11.23%	1.34%
tai086 – 100×20	41.93%	11.68%	1.37%
tai087 – 100×20	36.98%	9.70%	1.17%
tai088 – 100×20	38.38%	9.73%	1.13%
tai089 – 100×20	35.53%	9.95%	1.13%
tai090 – 100×20	55.76%	12.01%	1.46%
tai091 – 200×10	72.31%	37.75%	9.21%
tai092 – 200×10	59.13%	30.45%	6.03%
tai093 – 200×10	84.81%	39.40%	8.88%
tai094 – 200×10	55.17%	35.78%	9.14%
tai095 – 200×10	72.15%	35.65%	6.44%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
tai096 – 200×10	66.97%	37.14%	7.07%
tai097 – 200×10	67.63%	35.76%	7.70%
tai098 – 200×10	65.56%	39.99%	7.97%
tai099 – 200×10	81.86%	35.98%	6.73%
tai100 – 200×10	63.16%	38.18%	7.65%
tai101 – 200×20	42.29%	22.11%	3.71%
tai102 – 200×20	42.06%	19.45%	3.07%
tai103 – 200×20	42.35%	24.28%	3.67%
tai104 – 200×20	40.88%	23.28%	3.65%
tai105 – 200×20	41.60%	21.51%	3.58%
tai106 – 200×20	47.35%	23.17%	3.64%
tai107 – 200×20	45.67%	21.28%	3.23%
tai108 – 200×20	43.74%	22.19%	3.61%
tai109 – 200×20	47.26%	22.17%	3.53%
tai110 – 200×20	40.98%	21.27%	3.22%
tai111 – 500×20	34.89%	35.07%	12.10%
tai112 – 500×20	46.64%	35.72%	13.03%
tai113 – 500×20	41.59%	39.10%	13.69%
tai114 – 500×20	40.86%	35.93%	12.80%
tai115 – 500×20	45.90%	34.58%	12.94%
tai116 – 500×20	47.47%	36.06%	12.42%
tai117 – 500×20	63.62%	46.98%	16.00%
tai118 – 500×20	42.71%	39.15%	13.34%
tai119 – 500×20	47.06%	37.00%	12.88%
tai120 – 500×20	49.71%	40.36%	13.93%
vfr001 – 10×05	96.53%	8.27%	7.65%
vfr001 – 10×10	72.63%	5.97%	5.55%
vfr001 – 10×15	82.91%	5.58%	5.19%
vfr001 – 10×20	73.41%	5.21%	4.85%
vfr001 – 20×05	68.77%	3.32%	3.17%
vfr001 – 20×10	60.43%	2.62%	2.50%
vfr001 – 20×15	72.99%	2.48%	2.30%
vfr001 – 20×20	64.73%	2.36%	2.26%
vfr001 – 30×05	77.55%	5.56%	3.19%
vfr001 – 30×10	66.23%	2.89%	1.61%
vfr001 – 30×15	58.32%	2.64%	1.50%
vfr001 – 30×20	64.94%	2.58%	1.53%
vfr001 – 40×05	99.80%	11.59%	3.82%
vfr001 – 40×10	54.82%	4.16%	1.30%
vfr001 – 40×15	55.29%	3.71%	1.11%
vfr001 – 40×20	51.58%	3.63%	1.14%
vfr001 – 50×05	97.93%	15.05%	3.18%
vfr001 – 50×10	47.62%	4.95%	0.96%
vfr001 – 50×15	49.46%	4.78%	0.91%
vfr001 – 50×20	50.89%	4.48%	0.87%
vfr001 – 60×05	99.25%	16.96%	2.51%
vfr001 – 60×10	48.70%	6.89%	0.94%
vfr001 – 60×15	42.20%	6.12%	0.83%
vfr001 – 60×20	47.94%	5.22%	0.68%
vfr001 – 100×20	37.81%	9.01%	1.03%
vfr001 – 100×40	46.61%	8.90%	1.00%
vfr001 – 100×60	53.39%	9.55%	1.04%
vfr001 – 200×20	37.07%	19.90%	3.08%
vfr001 – 200×40	25.02%	13.51%	2.15%
vfr001 – 200×60	32.96%	14.58%	2.15%
vfr001 – 300×20	38.68%	27.27%	5.51%
vfr001 – 300×40	20.58%	15.84%	3.39%
vfr001 – 300×60	22.69%	15.00%	3.28%
vfr001 – 400×20	31.45%	31.19%	8.17%
vfr001 – 400×40	20.09%	19.34%	5.05%
vfr001 – 400×60	17.10%	14.88%	4.31%
vfr001 – 500×20	35.82%	32.31%	11.80%
vfr001 – 500×40	23.64%	22.62%	6.90%
vfr001 – 500×60	14.96%	13.17%	5.13%
vfr001 – 600×20	38.68%	37.86%	15.37%
vfr001 – 600×40	19.75%	21.96%	8.03%
vfr001 – 600×60	14.83%	15.89%	6.52%
vfr001 – 700×20	41.10%	42.08%	20.55%
vfr001 – 700×40	22.52%	23.95%	9.99%
vfr001 – 700×60	12.50%	14.65%	6.76%
vfr001 – 800×20	51.49%	45.73%	24.32%
vfr001 – 800×40	20.27%	21.07%	10.91%
vfr001 – 800×60	13.26%	15.42%	8.28%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr002 – 10×05	74.59%	6.45%	5.94%
vfr002 – 10×10	92.18%	7.42%	6.80%
vfr002 – 10×15	76.38%	5.39%	5.03%
vfr002 – 10×20	85.94%	5.75%	5.41%
vfr002 – 20×05	88.25%	4.32%	3.36%
vfr002 – 20×10	65.91%	2.45%	2.32%
vfr002 – 20×15	65.66%	2.43%	2.30%
vfr002 – 20×20	72.44%	2.48%	2.38%
vfr002 – 30×05	70.55%	4.07%	2.31%
vfr002 – 30×10	59.39%	2.74%	1.56%
vfr002 – 30×15	58.40%	2.66%	1.53%
vfr002 – 30×20	49.98%	2.59%	1.49%
vfr002 – 40×05	81.37%	8.04%	2.54%
vfr002 – 40×10	49.93%	3.82%	1.20%
vfr002 – 40×15	52.89%	3.53%	1.10%
vfr002 – 40×20	62.05%	3.56%	1.08%
vfr002 – 50×05	83.74%	19.47%	4.44%
vfr002 – 50×10	57.23%	6.83%	1.25%
vfr002 – 50×15	51.97%	5.08%	1.00%
vfr002 – 50×20	51.88%	4.59%	0.88%
vfr002 – 60×05	92.85%	16.04%	2.35%
vfr002 – 60×10	51.78%	7.08%	0.97%
vfr002 – 60×15	44.03%	5.77%	0.76%
vfr002 – 60×20	44.93%	5.38%	0.71%
vfr002 – 100×20	39.04%	9.28%	1.08%
vfr002 – 100×40	50.40%	8.83%	0.99%
vfr002 – 100×60	55.12%	9.57%	1.07%
vfr002 – 200×20	36.99%	20.98%	3.21%
vfr002 – 200×40	26.16%	13.50%	2.14%
vfr002 – 200×60	34.84%	14.55%	2.16%
vfr002 – 300×20	49.60%	29.61%	6.52%
vfr002 – 300×40	19.90%	15.72%	3.45%
vfr002 – 300×60	24.32%	14.45%	3.30%
vfr002 – 400×20	43.38%	32.24%	9.35%
vfr002 – 400×40	19.59%	18.00%	4.89%
vfr002 – 400×60	18.04%	13.92%	4.23%
vfr002 – 500×20	47.82%	37.04%	13.06%
vfr002 – 500×40	16.96%	20.60%	6.78%
vfr002 – 500×60	15.99%	12.68%	5.20%
vfr002 – 600×20	46.11%	38.74%	16.17%
vfr002 – 600×40	21.12%	23.12%	8.76%
vfr002 – 600×60	14.31%	14.74%	6.23%
vfr002 – 700×20	52.59%	43.93%	19.32%
vfr002 – 700×40	18.35%	22.75%	9.67%
vfr002 – 700×60	13.85%	16.42%	7.23%
vfr002 – 800×20	42.50%	40.85%	21.29%
vfr002 – 800×40	20.93%	24.18%	11.28%
vfr002 – 800×60	11.87%	14.11%	7.66%
vfr003 – 10×05	81.99%	6.20%	5.77%
vfr003 – 10×10	81.82%	6.77%	6.16%
vfr003 – 10×15	82.64%	5.35%	5.00%
vfr003 – 10×20	82.18%	5.42%	5.21%
vfr003 – 20×05	87.91%	3.63%	3.44%
vfr003 – 20×10	67.31%	2.47%	2.34%
vfr003 – 20×15	73.45%	2.43%	2.34%
vfr003 – 20×20	69.34%	2.57%	2.38%
vfr003 – 30×05	77.41%	4.45%	2.60%
vfr003 – 30×10	57.67%	2.75%	1.56%
vfr003 – 30×15	56.40%	2.50%	1.47%
vfr003 – 30×20	62.93%	2.54%	1.49%
vfr003 – 40×05	77.12%	7.05%	2.30%
vfr003 – 40×10	60.66%	4.31%	1.33%
vfr003 – 40×15	59.92%	3.55%	1.09%
vfr003 – 40×20	56.90%	3.48%	1.10%
vfr003 – 50×05	71.92%	13.51%	2.98%
vfr003 – 50×10	55.07%	5.83%	1.07%
vfr003 – 50×15	46.68%	4.55%	0.87%
vfr003 – 50×20	49.59%	4.58%	0.90%
vfr003 – 60×05	80.09%	16.28%	2.42%
vfr003 – 60×10	47.57%	6.42%	0.90%
vfr003 – 60×15	44.00%	5.55%	0.73%
vfr003 – 60×20	46.86%	5.77%	0.74%
vfr003 – 100×20	35.24%	8.89%	1.03%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr003 – 100×40	45.07%	9.03%	1.02%
vfr003 – 100×60	56.41%	9.50%	1.02%
vfr003 – 200×20	35.73%	19.03%	3.00%
vfr003 – 200×40	26.00%	13.71%	2.16%
vfr003 – 200×60	35.93%	14.48%	2.18%
vfr003 – 300×20	35.38%	26.34%	5.35%
vfr003 – 300×40	22.84%	16.60%	3.66%
vfr003 – 300×60	21.37%	14.70%	3.29%
vfr003 – 400×20	55.97%	40.26%	10.71%
vfr003 – 400×40	20.19%	18.22%	5.05%
vfr003 – 400×60	17.87%	14.65%	4.35%
vfr003 – 500×20	41.10%	35.02%	12.61%
vfr003 – 500×40	16.05%	20.04%	6.55%
vfr003 – 500×60	15.16%	13.52%	5.12%
vfr003 – 600×20	44.31%	38.94%	16.03%
vfr003 – 600×40	23.63%	21.96%	8.44%
vfr003 – 600×60	14.36%	13.79%	5.84%
vfr003 – 700×20	48.40%	41.95%	20.53%
vfr003 – 700×40	18.58%	20.74%	9.60%
vfr003 – 700×60	12.05%	14.67%	7.21%
vfr003 – 800×20	36.46%	39.98%	21.01%
vfr003 – 800×40	18.07%	21.63%	10.74%
vfr003 – 800×60	13.43%	13.49%	7.73%
vfr004 – 10×05	94.78%	7.55%	6.76%
vfr004 – 10×10	83.22%	5.20%	4.92%
vfr004 – 10×15	63.82%	5.26%	4.90%
vfr004 – 10×20	76.60%	5.26%	4.88%
vfr004 – 20×05	65.41%	2.61%	2.36%
vfr004 – 20×10	67.40%	2.46%	2.31%
vfr004 – 20×15	71.08%	2.66%	2.48%
vfr004 – 20×20	76.35%	2.44%	2.31%
vfr004 – 30×05	80.11%	5.92%	3.53%
vfr004 – 30×10	61.48%	2.67%	1.53%
vfr004 – 30×15	58.71%	2.55%	1.50%
vfr004 – 30×20	60.94%	2.62%	1.53%
vfr004 – 40×05	80.67%	8.33%	2.71%
vfr004 – 40×10	53.12%	4.01%	1.28%
vfr004 – 40×15	53.57%	3.73%	1.11%
vfr004 – 40×20	61.26%	3.60%	1.12%
vfr004 – 50×05	73.27%	12.01%	2.35%
vfr004 – 50×10	47.49%	5.28%	1.03%
vfr004 – 50×15	50.55%	4.66%	0.89%
vfr004 – 50×20	51.44%	4.32%	0.83%
vfr004 – 60×05	82.30%	15.25%	2.24%
vfr004 – 60×10	54.25%	7.02%	0.95%
vfr004 – 60×15	43.90%	5.44%	0.73%
vfr004 – 60×20	43.66%	5.30%	0.69%
vfr004 – 100×20	35.66%	9.48%	1.07%
vfr004 – 100×40	45.16%	8.73%	0.99%
vfr004 – 100×60	52.70%	9.24%	1.03%
vfr004 – 200×20	31.91%	19.58%	2.99%
vfr004 – 200×40	24.03%	13.42%	2.12%
vfr004 – 200×60	36.94%	14.46%	2.16%
vfr004 – 300×20	37.13%	27.24%	5.66%
vfr004 – 300×40	23.23%	16.48%	3.47%
vfr004 – 300×60	23.27%	15.31%	3.28%
vfr004 – 400×20	38.49%	34.94%	9.13%
vfr004 – 400×40	21.34%	16.62%	4.76%
vfr004 – 400×60	17.55%	13.86%	4.29%
vfr004 – 500×20	41.19%	39.96%	13.50%
vfr004 – 500×40	19.01%	21.52%	6.93%
vfr004 – 500×60	16.24%	15.08%	5.28%
vfr004 – 600×20	46.04%	40.75%	16.70%
vfr004 – 600×40	21.77%	20.74%	8.24%
vfr004 – 600×60	14.56%	13.63%	6.00%
vfr004 – 700×20	50.50%	45.28%	21.41%
vfr004 – 700×40	19.24%	23.13%	9.97%
vfr004 – 700×60	13.65%	14.67%	7.34%
vfr004 – 800×20	48.36%	43.75%	20.54%
vfr004 – 800×40	18.43%	23.86%	11.68%
vfr004 – 800×60	12.36%	13.84%	7.62%
vfr005 – 10×05	72.72%	6.36%	5.93%
vfr005 – 10×10	76.74%	6.01%	5.72%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr005 – 10×15	84.97%	5.36%	5.01%
vfr005 – 10×20	86.75%	5.55%	5.15%
vfr005 – 20×05	88.48%	3.33%	3.16%
vfr005 – 20×10	69.61%	2.47%	2.35%
vfr005 – 20×15	59.57%	2.43%	2.31%
vfr005 – 20×20	67.52%	2.39%	2.25%
vfr005 – 30×05	97.97%	6.80%	4.05%
vfr005 – 30×10	70.42%	3.23%	1.70%
vfr005 – 30×15	65.43%	2.71%	1.57%
vfr005 – 30×20	65.65%	2.60%	1.49%
vfr005 – 40×05	75.60%	7.39%	2.37%
vfr005 – 40×10	52.43%	4.05%	1.24%
vfr005 – 40×15	53.15%	3.78%	1.16%
vfr005 – 40×20	58.10%	3.48%	1.08%
vfr005 – 50×05	85.42%	12.52%	2.65%
vfr005 – 50×10	63.70%	7.00%	1.40%
vfr005 – 50×15	50.12%	4.57%	0.88%
vfr005 – 50×20	56.76%	4.37%	0.84%
vfr005 – 60×05	91.58%	14.68%	2.12%
vfr005 – 60×10	49.66%	6.30%	0.85%
vfr005 – 60×15	51.67%	6.12%	0.82%
vfr005 – 60×20	52.77%	5.32%	0.71%
vfr005 – 100×20	34.45%	9.15%	1.06%
vfr005 – 100×40	44.97%	9.14%	1.00%
vfr005 – 100×60	54.38%	9.36%	1.01%
vfr005 – 200×20	42.89%	20.90%	3.34%
vfr005 – 200×40	26.99%	12.59%	2.07%
vfr005 – 200×60	34.42%	15.15%	2.16%
vfr005 – 300×20	37.30%	28.78%	6.22%
vfr005 – 300×40	20.22%	15.36%	3.46%
vfr005 – 300×60	22.31%	15.07%	3.30%
vfr005 – 400×20	45.71%	34.94%	9.84%
vfr005 – 400×40	18.84%	16.09%	4.78%
vfr005 – 400×60	18.24%	14.62%	4.28%
vfr005 – 500×20	59.20%	45.17%	14.81%
vfr005 – 500×40	19.63%	19.91%	6.79%
vfr005 – 500×60	15.60%	14.04%	5.24%
vfr005 – 600×20	44.76%	41.03%	16.84%
vfr005 – 600×40	20.20%	21.52%	8.26%
vfr005 – 600×60	13.92%	13.67%	6.31%
vfr005 – 700×20	44.93%	42.40%	19.19%
vfr005 – 700×40	21.89%	24.69%	10.69%
vfr005 – 700×60	16.25%	14.54%	7.19%
vfr005 – 800×20	46.89%	43.86%	23.93%
vfr005 – 800×40	20.19%	23.95%	11.93%
vfr005 – 800×60	17.75%	14.92%	8.44%
vfr006 – 10×05	93.80%	7.94%	7.26%
vfr006 – 10×10	88.07%	7.19%	6.60%
vfr006 – 10×15	86.25%	5.70%	5.42%
vfr006 – 10×20	87.44%	6.10%	5.64%
vfr006 – 20×05	74.00%	3.07%	2.89%
vfr006 – 20×10	65.78%	2.64%	2.48%
vfr006 – 20×15	66.84%	2.37%	2.23%
vfr006 – 20×20	65.17%	2.52%	2.39%
vfr006 – 30×05	77.56%	9.24%	5.56%
vfr006 – 30×10	57.58%	2.65%	1.53%
vfr006 – 30×15	59.88%	2.53%	1.49%
vfr006 – 30×20	64.17%	2.68%	1.55%
vfr006 – 40×05	93.61%	9.03%	2.93%
vfr006 – 40×10	57.37%	4.56%	1.44%
vfr006 – 40×15	54.02%	3.70%	1.15%
vfr006 – 40×20	51.76%	3.62%	1.10%
vfr006 – 50×05	65.33%	12.22%	2.44%
vfr006 – 50×10	73.63%	8.47%	1.55%
vfr006 – 50×15	50.23%	4.40%	0.85%
vfr006 – 50×20	55.40%	4.44%	0.85%
vfr006 – 60×05	86.90%	14.58%	2.14%
vfr006 – 60×10	44.27%	6.40%	0.87%
vfr006 – 60×15	43.95%	5.33%	0.70%
vfr006 – 60×20	47.62%	5.43%	0.71%
vfr006 – 100×20	33.66%	9.09%	1.05%
vfr006 – 100×40	43.48%	9.16%	1.01%
vfr006 – 100×60	54.56%	9.63%	1.05%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr006 – 200×20	33.70%	17.88%	2.88%
vfr006 – 200×40	26.58%	13.37%	2.12%
vfr006 – 200×60	33.45%	14.45%	2.13%
vfr006 – 300×20	40.66%	28.46%	6.06%
vfr006 – 300×40	20.81%	15.25%	3.40%
vfr006 – 300×60	24.15%	15.30%	3.28%
vfr006 – 400×20	37.17%	29.79%	8.39%
vfr006 – 400×40	18.28%	17.23%	4.84%
vfr006 – 400×60	17.94%	14.41%	4.27%
vfr006 – 500×20	42.85%	37.84%	13.10%
vfr006 – 500×40	16.69%	20.94%	6.50%
vfr006 – 500×60	16.23%	14.09%	5.22%
vfr006 – 600×20	41.43%	35.74%	15.55%
vfr006 – 600×40	21.02%	21.94%	8.35%
vfr006 – 600×60	13.29%	14.36%	6.18%
vfr006 – 700×20	44.17%	44.94%	21.14%
vfr006 – 700×40	21.96%	25.74%	10.34%
vfr006 – 700×60	13.72%	13.62%	7.13%
vfr006 – 800×20	52.71%	44.37%	24.84%
vfr006 – 800×40	17.11%	21.46%	11.22%
vfr006 – 800×60	12.41%	13.81%	7.59%
vfr007 – 10×05	75.88%	6.84%	6.40%
vfr007 – 10×10	81.84%	6.14%	5.71%
vfr007 – 10×15	74.42%	6.45%	5.93%
vfr007 – 10×20	91.12%	5.29%	4.96%
vfr007 – 20×05	80.87%	3.15%	2.74%
vfr007 – 20×10	70.78%	2.45%	2.35%
vfr007 – 20×15	62.40%	2.58%	2.45%
vfr007 – 20×20	68.01%	2.42%	2.28%
vfr007 – 30×05	98.80%	7.62%	4.51%
vfr007 – 30×10	66.37%	2.70%	1.56%
vfr007 – 30×15	66.09%	2.62%	1.54%
vfr007 – 30×20	59.28%	2.58%	1.48%
vfr007 – 40×05	83.29%	7.29%	2.37%
vfr007 – 40×10	86.68%	5.48%	1.65%
vfr007 – 40×15	49.55%	3.73%	1.12%
vfr007 – 40×20	63.62%	3.35%	1.05%
vfr007 – 50×05	86.57%	14.00%	2.99%
vfr007 – 50×10	58.37%	6.07%	1.23%
vfr007 – 50×15	53.00%	4.71%	0.89%
vfr007 – 50×20	52.58%	4.46%	0.86%
vfr007 – 60×05	94.83%	17.00%	2.49%
vfr007 – 60×10	62.16%	6.97%	0.94%
vfr007 – 60×15	43.82%	5.52%	0.74%
vfr007 – 60×20	46.59%	5.60%	0.73%
vfr007 – 100×20	34.41%	9.08%	1.03%
vfr007 – 100×40	46.20%	9.10%	1.00%
vfr007 – 100×60	53.61%	9.37%	1.02%
vfr007 – 200×20	36.52%	19.92%	3.01%
vfr007 – 200×40	26.62%	13.22%	2.17%
vfr007 – 200×60	35.33%	14.51%	2.18%
vfr007 – 300×20	39.36%	29.47%	6.32%
vfr007 – 300×40	19.98%	16.23%	3.46%
vfr007 – 300×60	22.08%	15.25%	3.29%
vfr007 – 400×20	39.49%	33.49%	9.65%
vfr007 – 400×40	22.42%	18.43%	5.00%
vfr007 – 400×60	18.37%	13.84%	4.27%
vfr007 – 500×20	46.88%	39.74%	12.99%
vfr007 – 500×40	27.72%	23.23%	6.98%
vfr007 – 500×60	15.44%	13.86%	5.17%
vfr007 – 600×20	58.31%	41.73%	17.79%
vfr007 – 600×40	22.41%	20.79%	8.25%
vfr007 – 600×60	15.58%	14.66%	6.34%
vfr007 – 700×20	46.78%	42.59%	20.20%
vfr007 – 700×40	18.11%	21.77%	9.64%
vfr007 – 700×60	14.32%	13.42%	7.02%
vfr007 – 800×20	69.11%	45.68%	24.96%
vfr007 – 800×40	19.35%	23.48%	11.94%
vfr007 – 800×60	13.57%	16.44%	8.40%
vfr008 – 10×05	86.62%	5.73%	5.40%
vfr008 – 10×10	88.99%	5.99%	5.61%
vfr008 – 10×15	82.37%	5.39%	4.87%
vfr008 – 10×20	79.55%	6.32%	5.94%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr008 – 20×05	63.54%	2.74%	2.58%
vfr008 – 20×10	63.04%	2.79%	2.70%
vfr008 – 20×15	66.82%	2.40%	2.28%
vfr008 – 20×20	77.05%	2.42%	2.30%
vfr008 – 30×05	69.01%	4.33%	2.42%
vfr008 – 30×10	54.07%	2.75%	1.56%
vfr008 – 30×15	57.77%	2.50%	1.49%
vfr008 – 30×20	62.91%	2.58%	1.51%
vfr008 – 40×05	98.79%	10.33%	3.39%
vfr008 – 40×10	60.89%	4.60%	1.37%
vfr008 – 40×15	52.66%	3.55%	1.09%
vfr008 – 40×20	57.77%	3.52%	1.10%
vfr008 – 50×05	99.22%	14.85%	3.11%
vfr008 – 50×10	51.68%	5.50%	1.08%
vfr008 – 50×15	48.62%	4.56%	0.87%
vfr008 – 50×20	51.58%	4.65%	0.88%
vfr008 – 60×05	79.55%	14.13%	2.12%
vfr008 – 60×10	65.24%	10.27%	1.54%
vfr008 – 60×15	49.64%	5.94%	0.77%
vfr008 – 60×20	48.27%	5.28%	0.69%
vfr008 – 100×20	36.37%	9.05%	1.04%
vfr008 – 100×40	45.94%	8.83%	0.99%
vfr008 – 100×60	53.83%	9.50%	1.03%
vfr008 – 200×20	35.90%	22.08%	3.38%
vfr008 – 200×40	26.21%	13.45%	2.20%
vfr008 – 200×60	34.85%	14.47%	2.15%
vfr008 – 300×20	40.44%	29.50%	6.30%
vfr008 – 300×40	20.52%	15.14%	3.44%
vfr008 – 300×60	25.18%	15.27%	3.29%
vfr008 – 400×20	44.15%	36.79%	9.87%
vfr008 – 400×40	17.47%	19.29%	5.05%
vfr008 – 400×60	17.65%	14.84%	4.34%
vfr008 – 500×20	38.20%	36.06%	12.05%
vfr008 – 500×40	21.51%	23.17%	6.85%
vfr008 – 500×60	15.21%	13.33%	5.20%
vfr008 – 600×20	39.75%	40.90%	16.92%
vfr008 – 600×40	17.09%	23.99%	8.68%
vfr008 – 600×60	12.96%	14.58%	6.32%
vfr008 – 700×20	36.44%	39.37%	18.50%
vfr008 – 700×40	21.00%	24.16%	10.33%
vfr008 – 700×60	17.71%	15.41%	7.37%
vfr008 – 800×20	54.40%	41.78%	22.74%
vfr008 – 800×40	23.21%	26.29%	12.14%
vfr008 – 800×60	16.96%	15.98%	8.67%
vfr009 – 10×05	80.38%	5.67%	5.27%
vfr009 – 10×10	65.70%	5.41%	5.12%
vfr009 – 10×15	76.54%	6.26%	5.86%
vfr009 – 10×20	84.31%	5.08%	4.77%
vfr009 – 20×05	84.00%	3.58%	3.40%
vfr009 – 20×10	69.95%	2.49%	2.32%
vfr009 – 20×15	61.01%	2.35%	2.23%
vfr009 – 20×20	71.44%	2.47%	2.37%
vfr009 – 30×05	96.29%	6.06%	3.60%
vfr009 – 30×10	53.17%	2.79%	1.69%
vfr009 – 30×15	58.31%	2.41%	1.43%
vfr009 – 30×20	64.75%	2.61%	1.54%
vfr009 – 40×05	76.75%	7.42%	2.43%
vfr009 – 40×10	66.34%	4.81%	1.36%
vfr009 – 40×15	57.61%	3.40%	1.05%
vfr009 – 40×20	60.70%	3.59%	1.13%
vfr009 – 50×05	97.13%	12.69%	2.66%
vfr009 – 50×10	65.52%	6.76%	1.38%
vfr009 – 50×15	44.66%	4.58%	0.88%
vfr009 – 50×20	49.90%	4.49%	0.86%
vfr009 – 60×05	90.30%	14.55%	2.10%
vfr009 – 60×10	82.47%	9.34%	1.32%
vfr009 – 60×15	45.17%	6.27%	0.83%
vfr009 – 60×20	50.75%	5.74%	0.73%
vfr009 – 100×20	35.16%	9.45%	1.08%
vfr009 – 100×40	46.94%	8.94%	1.00%
vfr009 – 100×60	56.83%	9.74%	1.07%
vfr009 – 200×20	37.41%	19.91%	3.13%
vfr009 – 200×40	25.47%	13.39%	2.10%

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Table 5: *Continued from previous page*

Dataset	$L_h = 1$	$L_h = 5000$	$L_h = 50000$
vfr009 – 200×60	32.16%	14.54%	2.15%
vfr009 – 300×20	42.04%	29.07%	6.42%
vfr009 – 300×40	21.19%	16.40%	3.58%
vfr009 – 300×60	23.47%	15.14%	3.28%
vfr009 – 400×20	38.88%	34.01%	9.78%
vfr009 – 400×40	20.81%	17.62%	4.85%
vfr009 – 400×60	16.61%	14.71%	4.23%
vfr009 – 500×20	45.67%	34.67%	12.19%
vfr009 – 500×40	21.96%	19.14%	6.44%
vfr009 – 500×60	15.79%	14.28%	5.13%
vfr009 – 600×20	54.94%	46.56%	18.27%
vfr009 – 600×40	18.78%	21.73%	8.35%
vfr009 – 600×60	15.58%	15.14%	6.52%
vfr009 – 700×20	47.81%	38.08%	19.23%
vfr009 – 700×40	21.93%	22.86%	10.34%
vfr009 – 700×60	15.15%	14.43%	6.99%
vfr009 – 800×20	42.19%	47.46%	27.85%
vfr009 – 800×40	19.45%	23.40%	11.65%
vfr009 – 800×60	13.11%	15.17%	8.04%
vfr010 – 10×05	88.88%	6.26%	5.83%
vfr010 – 10×10	63.52%	6.55%	6.05%
vfr010 – 10×15	81.43%	5.72%	5.36%
vfr010 – 10×20	71.60%	5.88%	5.43%
vfr010 – 20×05	79.27%	2.93%	2.80%
vfr010 – 20×10	61.34%	2.47%	2.35%
vfr010 – 20×15	68.86%	2.58%	2.42%
vfr010 – 20×20	73.51%	2.60%	2.43%
vfr010 – 30×05	67.59%	4.55%	2.70%
vfr010 – 30×10	59.70%	2.78%	1.57%
vfr010 – 30×15	60.53%	2.75%	1.60%
vfr010 – 30×20	68.17%	2.55%	1.51%
vfr010 – 40×05	83.07%	8.57%	2.81%
vfr010 – 40×10	60.62%	4.31%	1.31%
vfr010 – 40×15	51.77%	3.86%	1.16%
vfr010 – 40×20	57.18%	3.52%	1.11%
vfr010 – 50×05	90.25%	10.87%	2.23%
vfr010 – 50×10	75.01%	6.71%	1.29%
vfr010 – 50×15	50.23%	4.56%	0.89%
vfr010 – 50×20	46.32%	4.40%	0.84%
vfr010 – 60×05	99.63%	30.84%	5.20%
vfr010 – 60×10	55.68%	7.21%	0.96%
vfr010 – 60×15	47.68%	6.22%	0.83%
vfr010 – 60×20	48.79%	5.41%	0.69%
vfr010 – 100×20	36.29%	9.99%	1.13%
vfr010 – 100×40	46.71%	8.98%	1.01%
vfr010 – 100×60	57.07%	9.77%	1.07%
vfr010 – 200×20	31.39%	19.21%	2.94%
vfr010 – 200×40	23.49%	13.28%	2.16%
vfr010 – 200×60	31.37%	14.63%	2.16%
vfr010 – 300×20	60.45%	35.80%	7.89%
vfr010 – 300×40	20.81%	16.20%	3.49%
vfr010 – 300×60	22.48%	15.42%	3.26%
vfr010 – 400×20	41.89%	34.47%	9.63%
vfr010 – 400×40	22.03%	17.56%	4.89%
vfr010 – 400×60	17.61%	15.27%	4.33%
vfr010 – 500×20	42.15%	39.74%	13.06%
vfr010 – 500×40	19.64%	20.45%	6.66%
vfr010 – 500×60	15.45%	14.11%	5.21%
vfr010 – 600×20	36.59%	36.38%	15.41%
vfr010 – 600×40	20.53%	23.17%	8.47%
vfr010 – 600×60	14.78%	14.53%	6.17%
vfr010 – 700×20	86.02%	70.22%	27.93%
vfr010 – 700×40	20.02%	26.56%	10.68%
vfr010 – 700×60	16.28%	15.89%	7.72%
vfr010 – 800×20	41.35%	37.30%	20.57%
vfr010 – 800×40	18.49%	22.78%	11.74%
vfr010 – 800×60	12.58%	13.45%	7.54%

Table 6: Analysis over the neighbours of the current solution obtained by LAHC on TSP instances, for both cutoff strategies. I_{move} denotes the average number of improving moves over 100 independent runs at the cutoff time. I_{max} denotes the maximum number of improving moves in a single run out of 100 independent runs. *Local Optimum* denotes the percentage of runs where the current solution at the cutoff point was at a local optimum. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
d657	2%	118.46	552	0%	0.27	2	75%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
u724	2%	100.35	1130	0%	0.38	3	72%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
rat783	2%	124.10	1582	0%	0.30	2	76%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
dsj1000	2%	60.21	474	0%	0.36	5	73%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
pr1002	2%	64.13	304	0%	0.38	3	72%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
u1060	2%	54.10	294	0%	0.66	5	61%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.03**	1	97%	0.01	1	99%
vm1084	2%	53.39	143	0%	0.50	2	62%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
pcb1173	2%	52.38	194	0%	0.51	3	66%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
d1291	2%	44.95	210	0%	0.64	4	55%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
rl1304	2%	44.11	184	0%	0.72	3	52%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
rl1323	2%	43.81	185	0%	0.50	4	62%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
nrw1379	2%	55.17	235	0%	0.73	5	53%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
fl1400	2%	54.13	251	0%	1.47	5	34%	0.06	1	94%
	ccp	**0.03**	1	97%	**0.03**	1	97%	0.04	2	97%
u1432	2%	58.75	166	0%	1.21	7	39%	0.05	1	95%
	ccp	**0.05**	2	96%	**0.03**	1	97%	0.03	1	97%
fl1577	2%	43.12	186	0%	1.09	5	41%	0.05	2	96%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.02	1	98%
d1655	2%	40.70	186	0%	1.10	5	44%	0.04	2	97%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
vm1748	2%	35.04	113	0%	1.23	7	31%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
u1817	2%	43.86	194	0%	1.29	5	36%	0.05	1	95%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.04	1	96%
rl1889	2%	33.42	129	0%	1.44	9	24%	0.01	1	99%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
d2103	2%	39.83	196	0%	1.45	7	31%	0.01	1	99%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
u2152	2%	36.79	126	0%	1.66	11	29%	0.07	1	93%
	ccp	**0.03**	1	97%	**0.03**	1	97%	0.04	2	97%
u2319	2%	64.27	179	0%	2.29	9	17%	0.13	2	88%
	ccp	**0.03**	2	98%	**0.02**	2	99%	0.08	1	92%
pr2392	2%	32.97	131	0%	1.32	10	31%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
pcb3038	2%	28.50	110	0%	1.87	11	30%	0.01	1	99%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
fl3795	2%	22.23	76	0%	3.16	13	15%	0.42	3	68%
	ccp	**0.07**	2	94%	**0.06**	2	95%	**0.04**	1	96%
fnl4461	2%	26.34	119	0%	2.66	12	14%	0.04	2	97%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
rl5915	2%	17.18	86	0%	3.18	12	9%	0.08	2	94%
	ccp	**0.00**	0	100%	**0.00**	0	100%	**0.00**	0	100%
rl5934	2%	14.56	53	0%	2.86	15	12%	0.15	2	86%
	ccp	**0.00**	0	100%	**0.00**	0	100%	**0.01**	1	99%
brd14051	2%	15.26	55	0%	5.22	17	2%	0.46	3	65%
	ccp	**0.03**	2	98%	**0.01**	1	99%	**0.01**	1	99%
d15112	2%	15.46	51	0%	5.81	18	0%	0.52	4	63%
	ccp	**0.01**	1	99%	**0.00**	0	100%	**0.00**	0	100%

Table 7: Analysis over the neighbours of the current solution obtained by LAHC on QAP instances, for both cutoff strategies. I_{move} denotes the average number of improving moves over 100 independent runs at the cutoff time. I_{max} denotes the maximum number of improving moves in a single run out of 100 independent runs. *Local Optimum* denotes the percentage of runs where the current solution at the cutoff point was at a local optimum. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
bur26a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26d	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26e	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26f	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26g	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
bur26h	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr12a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr12b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
chr12c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr15a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr15b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr15c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr18a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr18b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
chr20a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr20b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr20c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr22a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr22b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
chr25a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
els19	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc16a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
esc16b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc16c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc16d	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
esc16e	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.04	1	96%	0.00	0	100%	0.00	0	100%
esc16f	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc16g	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
esc16h	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc16i	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 7: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
esc16j	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
esc32a	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.02	2	99%	0.00	0	100%	0.00	0	100%
esc32b	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.00	0	100%
esc32c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc32d	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
esc32e	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc32g	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc32h	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
esc64a	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
esc128	2%	0.01	1	99%	0.39	7	80%	0.01	1	99%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
had12	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
had14	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
had16	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
had18	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
had20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
kra30a	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.04	1	96%	0.00	0	100%	0.00	0	100%
kra30b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
kra32	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa20a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa20b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa30a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa30b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa40a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa40b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa50a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa50b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa60a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa60b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa70a	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa70b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa80a	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa80b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa90a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
lipa90b	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug12	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%

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Table 7: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
nug14	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug16a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug16b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
nug17	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug18	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
nug21	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug22	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
nug24	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	2	98%	0.00	0	100%	0.00	0	100%
nug25	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug27	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
nug28	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
nug30	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
rou12	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
rou15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
rou20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
scr12	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
scr15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
scr20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko42	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko49	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
sko56	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko64	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko72	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko81	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
sko90	2%	0.02	2	99%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko100a	2%	0.06	2	97%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.01	1	99%
sko100b	2%	0.08	3	95%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
sko100c	2%	0.06	3	97%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
sko100d	2%	0.06	2	95%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
sko100e	2%	0.20	4	90%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
sko100f	2%	0.10	2	91%	0.00	0	100%	0.00	0	100%
	ccp	**0.02**	1	98%	0.00	0	100%	0.00	0	100%
ste36a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
ste36b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 7: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
ste36c	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai10a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai10b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai12a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai12b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai15a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai15b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai17a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai20a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai20b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai25a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai25b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai30a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai30b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai35a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai35b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai40a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai40b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
tai50a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai50b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai60a	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai60b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai64c	2%	0.00	0	100%	0.46	4	72%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai80a	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai80b	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai100a	2%	0.04	2	98%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai100b	2%	0.05	1	95%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
tai150b	2%	6.71	21	5%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
tai256c	2%	2.29	10	15%	2.74	18	13%	0.02	1	98%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
tho30	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tho40	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tho150	2%	3.76	28	12%	0.00	0	100%	0.00	0	100%
	ccp	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
wil50	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
wil100	2%	0.05	3	97%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

Table 8: Analysis over the neighbours of the current solution obtained by LAHC on PFSP instances, for both cutoff strategies. I_{move} denotes the average number of improving moves over 100 independent runs at the cutoff time. I_{max} denotes the maximum number of improving moves in a single run out of 100 independent runs. *Local Optimum* denotes the percentage of runs where the current solution at the cutoff point was at a local optimum. Entries in boldface are statistical significant with a p-value < 0.05 according to the Wilcoxon signed-rank test.

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
tai001 – 020×05	2%	**0.00**	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.06	2	95%	0.01	1	99%	0.00	0	100%
tai002 – 020×05	2%	0.00	0	100%	0.03	2	98%	0.00	0	100%
	ccp	0.03	1	97%	0.02	1	98%	0.00	0	100%
tai003 – 020×05	2%	0.00	0	100%	0.04	1	96%	0.00	0	100%
	ccp	0.02	1	98%	**0.00**	0	100%	0.00	0	100%
tai004 – 020×05	2%	0.00	0	100%	0.04	3	98%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
tai005 – 020×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
tai006 – 020×05	2%	0.01	1	99%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
tai007 – 020×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai008 – 020×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.07	5	97%	0.00	0	100%	0.00	0	100%
tai009 – 020×05	2%	0.00	0	100%	0.05	2	96%	0.00	0	100%
	ccp	0.04	2	97%	0.00	0	100%	0.00	0	100%
tai010 – 020×05	2%	**0.00**	0	100%	0.23	12	92%	0.00	0	100%
	ccp	0.07	2	95%	**0.00**	0	100%	0.00	0	100%
tai011 – 020×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.03	1	97%	0.01	1	99%	0.00	0	100%
tai012 – 020×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
tai013 – 020×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
tai014 – 020×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai015 – 020×10	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
tai016 – 020×10	2%	0.00	0	100%	0.03	2	98%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
tai017 – 020×10	2%	0.02	2	99%	0.01	1	99%	0.00	0	100%
	ccp	0.06	4	97%	0.00	0	100%	0.00	0	100%
tai018 – 020×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
tai019 – 020×10	2%	0.00	0	100%	0.07	3	95%	0.01	1	99%
	ccp	0.01	1	99%	0.03	1	97%	0.00	0	100%
tai020 – 020×10	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.05	1	95%	0.00	0	100%	0.00	0	100%
tai021 – 020×20	2%	0.00	0	100%	0.04	2	97%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai022 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.09	5	97%	0.02	1	98%	0.00	0	100%
tai023 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
tai024 – 020×20	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.05	2	96%	0.01	1	99%	0.00	0	100%
tai025 – 020×20	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai026 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	2	98%	0.00	0	100%	0.00	0	100%
tai027 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
tai028 – 020×20	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai029 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	2	98%	0.00	0	100%	0.00	0	100%
tai030 – 020×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai031 – 050×05	2%	0.01	1	99%	0.11	3	94%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai032 – 050×05	2%	0.01	1	99%	0.04	1	96%	0.00	0	100%
	ccp	0.03	1	97%	0.03	1	97%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
tai033 – 050×05	2%	0.00	0	100%	0.04	1	96%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai034 – 050×05	2%	0.01	1	99%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai035 – 050×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai036 – 050×05	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.01	1	99%
tai037 – 050×05	2%	**0.00**	0	100%	0.15	3	90%	0.00	0	100%
	ccp	0.04	1	96%	**0.02**	1	98%	0.00	0	100%
tai038 – 050×05	2%	0.00	0	100%	0.26	26	99%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai039 – 050×05	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.00	0	100%	0.03	2	98%	0.00	0	100%
tai040 – 050×05	2%	0.00	0	100%	0.20	12	91%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai041 – 050×10	2%	0.19	19	99%	0.05	2	96%	0.01	1	99%
	ccp	0.04	3	98%	0.16	8	92%	0.03	3	99%
tai042 – 050×10	2%	0.01	1	99%	0.21	15	94%	0.01	1	99%
	ccp	0.25	19	95%	0.05	2	96%	0.00	0	100%
tai043 – 050×10	2%	0.13	7	95%	0.03	1	97%	0.00	0	100%
	ccp	0.09	2	93%	0.01	1	99%	0.00	0	100%
tai044 – 050×10	2%	0.04	1	96%	0.14	9	94%	0.00	0	100%
	ccp	0.02	2	99%	**0.01**	1	99%	0.00	0	100%
tai045 – 050×10	2%	0.05	2	96%	0.20	10	94%	0.00	0	100%
	ccp	0.01	1	99%	0.07	2	94%	0.01	1	99%
tai046 – 050×10	2%	0.01	1	99%	0.10	3	94%	0.00	0	100%
	ccp	0.01	1	99%	0.02	2	99%	0.00	0	100%
tai047 – 050×10	2%	0.00	0	100%	0.09	2	92%	0.00	0	100%
	ccp	0.00	0	100%	0.03	2	98%	0.00	0	100%
tai048 – 050×10	2%	0.05	4	98%	0.05	3	97%	0.00	0	100%
	ccp	0.04	2	97%	0.00	0	100%	0.00	0	100%
tai049 – 050×10	2%	0.03	2	98%	0.19	11	93%	0.01	1	99%
	ccp	0.03	1	97%	0.04	2	97%	0.02	1	98%
tai050 – 050×10	2%	0.08	5	97%	0.08	2	94%	0.00	0	100%
	ccp	0.02	1	98%	0.02	1	98%	0.02	1	98%
tai051 – 050×20	2%	0.07	2	95%	0.14	4	92%	0.00	0	100%
	ccp	0.05	2	97%	**0.00**	0	100%	0.00	0	100%
tai052 – 050×20	2%	0.04	2	97%	0.09	2	93%	0.00	0	100%
	ccp	0.06	3	96%	0.04	2	97%	0.01	1	99%
tai053 – 050×20	2%	0.11	4	94%	0.05	2	96%	0.02	1	98%
	ccp	0.02	1	98%	0.04	1	96%	0.00	0	100%
tai054 – 050×20	2%	0.06	3	96%	0.11	6	94%	0.04	4	99%
	ccp	0.05	1	95%	0.05	2	97%	0.01	1	99%
tai055 – 050×20	2%	0.02	1	98%	0.04	2	97%	0.01	1	99%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
tai056 – 050×20	2%	0.02	1	98%	0.09	3	93%	0.00	0	100%
	ccp	0.03	1	97%	0.02	2	99%	0.00	0	100%
tai057 – 050×20	2%	0.06	2	96%	0.10	3	94%	0.00	0	100%
	ccp	0.03	1	97%	0.03	1	97%	0.00	0	100%
tai058 – 050×20	2%	0.05	2	96%	0.11	3	92%	0.00	0	100%
	ccp	0.03	2	98%	0.03	3	99%	0.01	1	99%
tai059 – 050×20	2%	0.02	1	98%	0.05	2	96%	0.00	0	100%
	ccp	0.03	1	97%	0.01	1	99%	0.00	0	100%
tai060 – 050×20	2%	0.11	4	95%	0.02	1	98%	0.00	0	100%
	ccp	0.03	1	97%	0.06	4	97%	0.00	0	100%
tai061 – 100×05	2%	0.00	0	100%	0.52	6	62%	0.01	1	99%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai062 – 100×05	2%	0.02	1	98%	0.14	3	91%	0.03	1	97%
	ccp	0.03	1	97%	**0.01**	1	99%	0.00	0	100%
tai063 – 100×05	2%	0.07	3	95%	0.46	19	76%	0.02	1	98%
	ccp	**0.00**	0	100%	**0.04**	2	97%	0.02	2	99%
tai064 – 100×05	2%	0.00	0	100%	0.28	7	85%	0.00	0	100%
	ccp	0.09	9	99%	**0.06**	6	99%	0.00	0	100%
tai065 – 100×05	2%	0.03	1	97%	0.55	9	74%	0.01	1	99%
	ccp	0.01	1	99%	**0.02**	1	98%	0.01	1	99%
tai066 – 100×05	2%	0.00	0	100%	0.62	16	61%	0.05	2	96%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai067 – 100×05	2%	0.02	1	98%	0.48	10	75%	0.02	1	98%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
tai068 – 100×05	2%	0.03	1	97%	2.01	162	76%	0.01	1	99%
	ccp	0.02	1	98%	**0.00**	0	100%	0.01	1	99%
tai069 – 100×05	2%	0.00	0	100%	0.63	5	58%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
tai070 – 100×05	2%	0.00	0	100%	0.26	6	87%	0.00	0	100%
	ccp	0.00	0	100%	**0.01**	1	99%	0.01	1	99%
tai071 – 100×10	2%	0.18	5	89%	0.09	2	92%	0.01	1	99%
	ccp	**0.02**	1	98%	0.02	1	98%	0.00	0	100%
tai072 – 100×10	2%	0.55	29	94%	0.22	4	85%	0.01	1	99%
	ccp	0.03	1	97%	**0.04**	1	96%	0.01	1	99%
tai073 – 100×10	2%	0.18	5	91%	0.22	2	83%	0.01	1	99%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
tai074 – 100×10	2%	0.13	3	91%	0.35	10	83%	0.01	1	99%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.00	0	100%
tai075 – 100×10	2%	0.23	3	85%	0.55	38	87%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.01	1	99%
tai076 – 100×10	2%	0.15	13	97%	0.15	4	88%	0.01	1	99%
	ccp	0.05	2	96%	**0.01**	1	99%	0.00	0	100%
tai077 – 100×10	2%	0.05	2	96%	0.22	2	82%	0.00	0	100%
	ccp	0.00	0	100%	**0.01**	1	99%	0.00	0	100%
tai078 – 100×10	2%	0.14	5	93%	3.35	325	90%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.01	1	99%
tai079 – 100×10	2%	0.40	26	89%	0.11	2	91%	0.03	1	97%
	ccp	0.07	4	96%	0.05	1	95%	0.04	1	96%
tai080 – 100×10	2%	0.00	0	100%	0.01	1	99%	0.01	1	99%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
tai081 – 100×20	2%	0.61	14	76%	0.52	8	79%	0.00	0	100%
	ccp	**0.05**	2	96%	**0.01**	1	99%	0.00	0	100%
tai082 – 100×20	2%	0.50	15	83%	0.27	4	85%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.03	2	98%
tai083 – 100×20	2%	0.61	16	81%	0.08	2	94%	0.00	0	100%
	ccp	**0.05**	2	96%	0.03	2	98%	0.00	0	100%
tai084 – 100×20	2%	0.19	6	89%	0.21	10	89%	0.00	0	100%
	ccp	**0.02**	1	98%	**0.00**	0	100%	0.03	1	97%
tai085 – 100×20	2%	0.29	9	89%	0.31	14	87%	0.03	3	99%
	ccp	0.40	38	98%	**0.05**	2	96%	0.05	1	95%
tai086 – 100×20	2%	0.49	6	77%	0.32	9	84%	0.00	0	100%
	ccp	**0.02**	1	98%	**0.06**	4	97%	0.00	0	100%
tai087 – 100×20	2%	0.33	5	81%	0.29	10	89%	0.08	4	96%
	ccp	**0.22**	19	96%	**0.02**	1	98%	0.01	1	99%
tai088 – 100×20	2%	1.10	28	79%	0.22	3	84%	0.02	1	98%
	ccp	**0.03**	2	98%	**0.04**	1	96%	0.02	1	98%
tai089 – 100×20	2%	0.98	15	71%	0.33	11	87%	0.00	0	100%
	ccp	**0.07**	4	97%	0.08	2	93%	0.03	1	97%
tai090 – 100×20	2%	0.36	18	86%	0.18	2	87%	0.03	2	98%
	ccp	**0.02**	1	98%	**0.06**	1	94%	0.08	3	94%
tai091 – 200×10	2%	0.85	12	71%	0.80	16	65%	0.05	1	95%
	ccp	**0.02**	1	98%	**0.00**	0	100%	0.01	1	99%
tai092 – 200×10	2%	0.58	12	73%	0.76	13	67%	0.06	2	95%
	ccp	**0.02**	1	98%	**0.02**	2	99%	**0.00**	0	100%
tai093 – 200×10	2%	0.23	8	92%	2.74	123	52%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.02	1	98%
tai094 – 200×10	2%	0.95	8	54%	2.12	63	37%	0.15	2	89%
	ccp	**0.03**	1	97%	**0.04**	2	97%	**0.02**	1	98%
tai095 – 200×10	2%	0.81	43	75%	0.40	5	76%	0.03	1	97%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
tai096 – 200×10	2%	0.85	8	55%	1.13	16	51%	0.04	1	96%
	ccp	**0.01**	1	99%	**0.00**	0	100%	**0.00**	0	100%
tai097 – 200×10	2%	0.62	9	69%	2.71	122	40%	0.09	3	94%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.01	1	99%
tai098 – 200×10	2%	0.34	8	82%	1.23	32	67%	0.06	5	98%
	ccp	**0.01**	1	99%	**0.00**	0	100%	0.00	0	100%
tai099 – 200×10	2%	0.57	27	81%	0.79	10	60%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
tai100 – 200×10	2%	0.96	38	80%	1.05	6	51%	0.01	1	99%
	ccp	**0.01**	1	99%	**0.02**	1	98%	0.01	1	99%
tai101 – 200×20	2%	6.03	143	50%	1.20	21	70%	0.01	1	99%
	ccp	**0.04**	1	96%	**0.01**	1	99%	0.01	1	99%
tai102 – 200×20	2%	5.66	60	43%	0.46	7	78%	0.02	1	98%
	ccp	**0.06**	2	95%	**0.01**	1	99%	0.05	2	96%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
tai103 – 200×20	2%	3.03	82	70%	0.67	14	73%	0.03	1	97%
	ccp	**0.05**	1	95%	**0.01**	1	99%	0.01	1	99%
tai104 – 200×20	2%	1.88	37	56%	0.60	12	74%	0.02	2	99%
	ccp	**0.03**	1	97%	**0.01**	1	99%	0.02	1	98%
tai105 – 200×20	2%	2.92	61	48%	1.22	51	77%	0.03	1	97%
	ccp	**0.03**	1	97%	**0.08**	6	98%	0.05	4	98%
tai106 – 200×20	2%	5.10	170	54%	0.54	6	73%	0.05	3	97%
	ccp	**0.05**	2	96%	**0.02**	1	98%	0.02	1	98%
tai107 – 200×20	2%	4.90	75	70%	1.01	42	67%	0.05	1	95%
	ccp	**0.07**	2	94%	**0.05**	4	98%	0.03	2	98%
tai108 – 200×20	2%	2.39	44	57%	0.47	4	71%	0.01	1	99%
	ccp	**0.06**	3	97%	**0.04**	3	98%	0.02	1	98%
tai109 – 200×20	2%	2.52	79	67%	0.28	4	82%	0.03	1	97%
	ccp	**0.01**	1	99%	**0.04**	2	97%	0.01	1	99%
tai110 – 200×20	2%	3.56	65	50%	0.50	10	79%	0.00	0	100%
	ccp	**0.04**	1	96%	**0.06**	2	95%	0.01	1	99%
tai111 – 500×20	2%	66.14	3556	10%	11.74	808	44%	0.22	9	89%
	ccp	**0.01**	1	99%	**0.02**	1	98%	**0.00**	0	100%
tai112 – 500×20	2%	12.52	303	23%	4.58	121	39%	0.16	4	90%
	ccp	**0.01**	1	99%	**0.05**	2	96%	**0.00**	0	100%
tai113 – 500×20	2%	10.98	269	21%	3.59	66	37%	0.20	4	83%
	ccp	**0.02**	1	98%	**0.02**	1	98%	**0.07**	7	99%
tai114 – 500×20	2%	15.95	148	12%	3.12	23	38%	0.27	4	79%
	ccp	**0.04**	1	96%	**0.02**	1	98%	**0.01**	1	99%
tai115 – 500×20	2%	16.77	324	20%	3.62	33	32%	0.17	3	87%
	ccp	**0.04**	3	98%	**0.02**	1	98%	**0.04**	1	96%
tai116 – 500×20	2%	38.80	861	3%	6.88	250	45%	0.20	4	87%
	ccp	**0.05**	3	97%	**0.00**	0	100%	**0.03**	1	97%
tai117 – 500×20	2%	21.93	2018	43%	2.65	21	37%	0.20	3	86%
	ccp	**0.08**	7	98%	**0.02**	1	98%	**0.02**	1	98%
tai118 – 500×20	2%	21.60	396	14%	5.58	298	39%	0.09	1	91%
	ccp	**0.05**	2	97%	**0.00**	0	100%	0.06	4	97%
tai119 – 500×20	2%	29.43	476	8%	3.87	49	32%	0.27	9	87%
	ccp	**0.04**	4	99%	**0.01**	1	99%	**0.00**	0	100%
tai120 – 500×20	2%	12.63	221	13%	2.74	23	40%	0.15	4	91%
	ccp	**0.02**	1	98%	**0.01**	1	99%	**0.00**	0	100%
vfr001 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr001 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr001 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
vfr001 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr001 – 20×05	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr001 – 20×10	2%	**0.00**	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.04	1	96%	0.00	0	100%	0.00	0	100%
vfr001 – 20×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr001 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr001 – 30×05	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.04	4	99%	0.00	0	100%	0.00	0	100%
vfr001 – 30×10	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.02	1	98%	0.03	2	98%	0.01	1	99%
vfr001 – 30×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.08	4	98%	0.00	0	100%
vfr001 – 30×20	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr001 – 40×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr001 – 40×10	2%	0.03	3	99%	0.04	4	99%	0.00	0	100%
	ccp	0.06	2	96%	0.02	2	99%	0.01	1	99%
vfr001 – 40×15	2%	0.07	4	98%	0.05	2	96%	0.00	0	100%
	ccp	0.05	2	96%	0.00	0	100%	0.00	0	100%
vfr001 – 40×20	2%	**0.01**	1	99%	0.03	1	97%	0.00	0	100%
	ccp	0.09	2	92%	0.01	1	99%	0.00	0	100%
vfr001 – 50×05	2%	0.00	0	100%	0.23	2	87%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr001 – 50×10	2%	0.02	1	98%	0.04	2	97%	0.01	1	99%
	ccp	0.04	2	97%	0.02	1	98%	0.01	1	99%
vfr001 – 50×15	2%	0.01	1	99%	0.06	1	94%	0.00	0	100%
	ccp	0.05	2	96%	0.04	2	98%	0.01	1	99%
vfr001 – 50×20	2%	0.00	0	100%	0.06	2	95%	0.00	0	100%
	ccp	0.05	2	96%	0.01	1	99%	0.00	0	100%
vfr001 – 60×05	2%	0.00	0	100%	0.07	2	94%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr001 – 60×10	2%	0.02	1	98%	0.05	3	97%	0.00	0	100%
	ccp	0.06	2	96%	0.03	3	99%	0.00	0	100%
vfr001 – 60×15	2%	0.12	4	95%	0.14	7	93%	0.03	2	98%
	ccp	0.13	5	93%	0.05	1	95%	0.03	2	98%
vfr001 – 60×20	2%	0.04	2	97%	0.17	7	91%	0.00	0	100%
	ccp	0.05	3	97%	**0.02**	1	98%	0.02	1	98%
vfr001 – 100×20	2%	0.64	7	69%	0.12	3	91%	0.00	0	100%
	ccp	**0.04**	2	97%	0.08	2	94%	0.01	1	99%
vfr001 – 100×40	2%	0.57	12	76%	0.49	8	78%	0.01	1	99%
	ccp	**0.05**	3	98%	**0.02**	1	98%	0.00	0	100%
vfr001 – 100×60	2%	0.41	6	77%	0.26	4	85%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.06**	3	97%	0.00	0	100%
vfr001 – 200×20	2%	6.33	91	37%	0.43	10	78%	0.02	1	98%
	ccp	**0.04**	2	98%	**0.02**	1	98%	0.02	1	98%
vfr001 – 200×40	2%	9.36	40	12%	1.08	9	60%	0.00	0	100%
	ccp	**0.03**	1	97%	**0.05**	2	96%	0.01	1	99%
vfr001 – 200×60	2%	8.20	58	12%	1.29	18	48%	0.01	1	99%
	ccp	**0.02**	1	98%	**0.02**	1	98%	0.01	1	99%
vfr001 – 300×20	2%	17.96	196	20%	1.37	33	70%	0.02	1	98%
	ccp	**0.01**	1	99%	**0.05**	1	95%	0.65	62	97%
vfr001 – 300×40	2%	22.76	109	12%	2.82	37	49%	0.11	3	94%
	ccp	**0.07**	3	95%	**0.11**	5	95%	0.17	11	96%
vfr001 – 300×60	2%	19.32	269	6%	2.03	15	52%	0.09	5	95%
	ccp	**0.03**	1	97%	**0.03**	1	97%	0.02	1	98%
vfr001 – 400×20	2%	55.04	2454	22%	2.11	46	54%	0.15	11	95%
	ccp	**0.08**	6	97%	**0.02**	1	98%	0.03	2	98%
vfr001 – 400×40	2%	46.51	260	2%	3.07	47	57%	0.11	3	94%
	ccp	**0.04**	2	97%	**0.03**	2	98%	0.02	1	98%
vfr001 – 400×60	2%	36.15	262	3%	2.97	31	44%	0.08	2	94%
	ccp	**0.00**	0	100%	**0.14**	6	94%	0.01	1	99%
vfr001 – 500×20	2%	35.86	582	12%	2.36	25	48%	0.34	9	86%
	ccp	**0.02**	1	98%	**0.03**	2	98%	**0.04**	1	96%
vfr001 – 500×40	2%	78.44	535	6%	6.04	191	48%	0.07	3	96%
	ccp	**0.37**	21	92%	**0.13**	2	89%	0.01	1	99%
vfr001 – 500×60	2%	67.38	323	1%	5.65	43	41%	0.37	25	93%
	ccp	**0.02**	1	98%	**0.08**	4	95%	0.03	2	98%
vfr001 – 600×20	2%	83.42	1222	12%	3.49	38	41%	0.16	4	88%
	ccp	**0.00**	0	100%	**0.03**	1	97%	**0.01**	1	99%
vfr001 – 600×40	2%	153.88	621	3%	6.61	134	46%	0.12	2	89%
	ccp	**0.03**	2	98%	**0.02**	1	98%	**0.04**	3	98%
vfr001 – 600×60	2%	140.41	682	0%	7.11	68	40%	0.39	19	90%
	ccp	**0.13**	6	95%	**0.03**	1	97%	**0.01**	1	99%
vfr001 – 700×20	2%	77.86	818	4%	7.33	209	24%	0.72	39	85%
	ccp	**0.03**	1	97%	**0.01**	1	99%	**0.03**	1	97%
vfr001 – 700×40	2%	182.19	966	5%	7.38	231	41%	0.22	8	89%
	ccp	**0.05**	2	96%	**0.02**	1	98%	**0.05**	4	98%
vfr001 – 700×60	2%	174.54	709	0%	6.16	94	45%	0.20	6	94%
	ccp	**0.09**	6	96%	**0.11**	6	95%	0.12	12	99%
vfr001 – 800×20	2%	47.41	1407	11%	8.68	152	33%	0.49	5	76%
	ccp	**0.05**	2	96%	**0.01**	1	99%	**0.02**	1	98%
vfr001 – 800×40	2%	232.68	1058	3%	8.02	166	45%	0.10	2	92%
	ccp	**0.07**	3	97%	**0.03**	2	98%	**0.00**	0	100%
vfr001 – 800×60	2%	220.84	969	1%	13.67	188	41%	0.06	1	94%
	ccp	**0.08**	7	98%	**0.00**	0	100%	**0.00**	0	100%
vfr002 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
vfr002 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr002 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr002 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr002 – 20×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.04	2	97%	0.00	0	100%
vfr002 – 20×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.02	2	99%	0.00	0	100%
vfr002 – 20×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr002 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	2	98%	0.00	0	100%	0.00	0	100%
vfr002 – 30×05	2%	0.00	0	100%	0.06	2	96%	0.00	0	100%
	ccp	0.02	2	99%	0.02	1	98%	0.00	0	100%
vfr002 – 30×10	2%	0.00	0	100%	0.13	4	94%	0.00	0	100%
	ccp	0.05	2	96%	0.02	1	98%	0.00	0	100%
vfr002 – 30×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.03	2	98%	0.01	1	99%	0.00	0	100%
vfr002 – 30×20	2%	**0.01**	1	99%	0.03	2	98%	0.00	0	100%
	ccp	0.09	2	93%	0.01	1	99%	0.00	0	100%
vfr002 – 40×05	2%	0.00	0	100%	0.05	1	95%	0.00	0	100%
	ccp	0.00	0	100%	0.04	2	98%	0.01	1	99%
vfr002 – 40×10	2%	0.01	1	99%	0.06	2	95%	0.00	0	100%
	ccp	0.09	5	96%	0.07	2	96%	0.00	0	100%
vfr002 – 40×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr002 – 40×20	2%	0.00	0	100%	0.03	2	98%	0.00	0	100%
	ccp	0.01	1	99%	0.02	2	99%	0.00	0	100%
vfr002 – 50×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr002 – 50×10	2%	0.03	2	98%	0.03	1	97%	0.00	0	100%
	ccp	0.03	2	98%	0.01	1	99%	0.01	1	99%
vfr002 – 50×15	2%	0.03	2	98%	0.08	3	94%	0.00	0	100%
	ccp	0.07	3	96%	0.01	1	99%	0.00	0	100%
vfr002 – 50×20	2%	0.09	3	94%	0.13	2	89%	0.01	1	99%
	ccp	0.03	2	98%	0.04	2	97%	0.00	0	100%
vfr002 – 60×05	2%	0.02	1	98%	0.01	1	99%	0.01	1	99%
	ccp	0.00	0	100%	0.03	1	97%	0.00	0	100%
vfr002 – 60×10	2%	0.02	1	98%	0.15	2	88%	0.00	0	100%
	ccp	0.05	3	97%	**0.01**	1	99%	0.01	1	99%
vfr002 – 60×15	2%	0.19	9	94%	0.11	3	94%	0.00	0	100%
	ccp	0.05	2	96%	0.07	5	98%	0.01	1	99%
vfr002 – 60×20	2%	0.04	2	97%	0.08	2	93%	0.00	0	100%
	ccp	0.06	5	98%	0.03	1	97%	0.01	1	99%
vfr002 – 100×20	2%	0.61	7	70%	0.50	7	76%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.02**	1	98%	0.04	2	97%
vfr002 – 100×40	2%	0.37	4	78%	0.26	5	81%	0.01	1	99%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.01	1	99%
vfr002 – 100×60	2%	0.44	7	77%	0.29	5	82%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.00**	0	100%	0.01	1	99%
vfr002 – 200×20	2%	5.37	113	41%	0.44	4	76%	0.03	2	98%
	ccp	**0.00**	0	100%	**0.04**	2	97%	0.03	1	97%
vfr002 – 200×40	2%	7.87	59	15%	1.04	25	63%	0.05	3	97%
	ccp	**0.03**	2	98%	**0.01**	1	99%	0.06	3	97%
vfr002 – 200×60	2%	5.04	23	14%	1.13	11	54%	0.06	2	96%
	ccp	**0.04**	1	96%	**0.01**	1	99%	0.02	1	98%
vfr002 – 300×20	2%	15.60	279	24%	1.49	28	62%	0.07	2	94%
	ccp	**0.00**	0	100%	**0.02**	1	98%	**0.00**	0	100%
vfr002 – 300×40	2%	30.10	124	4%	2.08	23	54%	0.03	1	97%
	ccp	**0.17**	4	92%	**0.04**	1	96%	0.02	1	98%
vfr002 – 300×60	2%	18.75	79	3%	2.39	21	45%	0.09	7	97%
	ccp	**0.06**	2	95%	**0.08**	2	94%	0.05	1	95%
vfr002 – 400×20	2%	23.06	228	17%	2.94	30	45%	0.17	8	92%
	ccp	**0.03**	2	98%	**0.08**	2	93%	0.06	3	96%
vfr002 – 400×40	2%	59.92	258	3%	2.25	38	62%	0.07	3	95%
	ccp	**0.05**	4	98%	**0.01**	1	99%	0.08	8	99%
vfr002 – 400×60	2%	47.58	393	1%	2.78	17	39%	0.06	2	95%
	ccp	**0.07**	2	94%	**0.04**	2	98%	0.01	1	99%
vfr002 – 500×20	2%	12.39	124	28%	4.87	53	28%	0.31	3	80%
	ccp	**0.00**	0	100%	**0.00**	0	100%	**0.05**	4	98%
vfr002 – 500×40	2%	86.08	522	5%	3.73	70	61%	0.21	13	94%
	ccp	**0.02**	1	98%	**0.03**	1	97%	**0.01**	1	99%
vfr002 – 500×60	2%	78.74	505	1%	4.81	57	41%	0.11	4	95%
	ccp	**0.06**	2	95%	**0.12**	4	96%	0.06	3	97%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr002 – 600×20	2%	61.80	1578	8%	9.24	381	29%	0.16	3	87%
	ccp	**0.02**	1	98%	**0.04**	1	96%	0.07	1	93%
vfr002 – 600×40	2%	118.77	684	4%	2.55	21	56%	0.23	5	85%
	ccp	**0.01**	1	99%	**0.03**	2	98%	**0.00**	0	100%
vfr002 – 600×60	2%	104.92	463	0%	8.13	155	40%	0.44	28	94%
	ccp	**0.02**	2	99%	**0.05**	3	98%	0.05	3	97%
vfr002 – 700×20	2%	35.32	1609	15%	7.17	83	28%	0.22	3	86%
	ccp	**0.05**	2	96%	**0.03**	2	98%	**0.01**	1	99%
vfr002 – 700×40	2%	187.33	803	1%	4.92	67	49%	0.23	17	94%
	ccp	**0.11**	11	99%	**0.01**	1	99%	0.01	1	99%
vfr002 – 700×60	2%	166.48	1989	3%	9.27	117	41%	0.66	39	92%
	ccp	**0.03**	2	98%	**0.18**	10	92%	0.15	6	95%
vfr002 – 800×20	2%	81.36	2872	11%	8.80	206	22%	2.17	161	69%
	ccp	**0.03**	1	97%	**0.00**	0	100%	**0.01**	1	99%
vfr002 – 800×40	2%	260.88	2031	1%	5.86	149	41%	0.28	14	86%
	ccp	**0.32**	31	98%	**0.04**	1	96%	**0.05**	3	97%
vfr002 – 800×60	2%	179.95	797	0%	10.45	160	42%	0.12	3	91%
	ccp	**0.00**	0	100%	**0.05**	5	99%	**0.02**	1	98%
vfr003 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr003 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr003 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr003 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr003 – 20×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr003 – 20×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.06	4	97%	0.00	0	100%	0.00	0	100%
vfr003 – 20×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
vfr003 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr003 – 30×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr003 – 30×10	2%	0.01	1	99%	0.02	1	98%	0.00	0	100%
	ccp	0.01	1	99%	0.04	2	97%	0.00	0	100%
vfr003 – 30×15	2%	**0.00**	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.04	1	96%	0.00	0	100%	0.00	0	100%
vfr003 – 30×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
vfr003 – 40×05	2%	0.00	0	100%	0.12	1	88%	0.00	0	100%
	ccp	0.01	1	99%	**0.02**	1	98%	0.00	0	100%
vfr003 – 40×10	2%	0.01	1	99%	0.07	3	96%	0.02	2	99%
	ccp	0.02	1	98%	0.06	3	97%	0.00	0	100%
vfr003 – 40×15	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.05	1	95%	0.03	1	97%	0.00	0	100%
vfr003 – 40×20	2%	0.00	0	100%	0.10	4	94%	0.00	0	100%
	ccp	0.01	1	99%	**0.00**	0	100%	0.00	0	100%
vfr003 – 50×05	2%	0.00	0	100%	0.28	2	73%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr003 – 50×10	2%	0.07	5	97%	0.03	1	97%	0.04	4	99%
	ccp	0.01	1	99%	0.02	1	98%	0.00	0	100%
vfr003 – 50×15	2%	0.08	4	97%	0.10	2	92%	0.00	0	100%
	ccp	0.12	11	98%	0.09	5	97%	0.01	1	99%
vfr003 – 50×20	2%	0.04	4	99%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.02	1	98%	0.00	0	100%
vfr003 – 60×05	2%	0.00	0	100%	0.06	1	94%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr003 – 60×10	2%	0.03	2	98%	0.18	7	90%	0.00	0	100%
	ccp	0.04	1	96%	**0.01**	1	99%	0.03	2	98%
vfr003 – 60×15	2%	0.17	3	91%	0.14	4	92%	0.00	0	100%
	ccp	0.13	6	94%	0.05	3	97%	0.00	0	100%
vfr003 – 60×20	2%	0.09	3	93%	0.10	3	92%	0.00	0	100%
	ccp	0.07	2	95%	0.07	3	95%	0.02	2	99%
vfr003 – 100×20	2%	0.92	12	72%	0.31	6	86%	0.01	1	99%
	ccp	**0.15**	8	96%	**0.09**	8	98%	0.00	0	100%
vfr003 – 100×40	2%	0.54	10	76%	0.39	5	72%	0.00	0	100%
	ccp	**0.04**	1	96%	**0.06**	3	96%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr003 – 100×60	2%	0.44	7	80%	0.23	3	83%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
vfr003 – 200×20	2%	4.83	50	43%	0.65	15	81%	0.00	0	100%
	ccp	**0.05**	2	96%	**0.06**	2	96%	0.00	0	100%
vfr003 – 200×40	2%	8.28	43	8%	1.48	16	56%	0.03	1	97%
	ccp	**0.04**	1	96%	**0.06**	1	94%	0.05	2	96%
vfr003 – 200×60	2%	6.98	37	12%	1.59	9	46%	0.06	1	94%
	ccp	**0.08**	3	95%	**0.03**	1	97%	0.03	2	98%
vfr003 – 300×20	2%	26.91	187	22%	1.56	25	59%	0.03	3	99%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.00	0	100%
vfr003 – 300×40	2%	30.30	203	8%	2.14	23	60%	0.06	4	97%
	ccp	**0.03**	2	98%	**0.02**	1	98%	0.01	1	99%
vfr003 – 300×60	2%	21.94	104	2%	2.31	17	43%	0.16	6	93%
	ccp	**0.08**	2	95%	**0.08**	2	94%	0.05	1	95%
vfr003 – 400×20	2%	2.94	114	55%	1.91	16	59%	0.13	2	91%
	ccp	**0.07**	7	99%	**0.00**	0	100%	**0.01**	1	99%
vfr003 – 400×40	2%	53.81	398	3%	2.02	56	59%	0.08	3	94%
	ccp	**0.01**	1	99%	**0.12**	8	95%	0.04	1	96%
vfr003 – 400×60	2%	43.19	233	2%	3.84	58	41%	0.17	5	91%
	ccp	**0.10**	4	97%	**0.13**	8	95%	0.06	2	95%
vfr003 – 500×20	2%	35.28	560	13%	6.26	179	42%	0.14	4	92%
	ccp	**0.04**	1	96%	**0.01**	1	99%	**0.02**	1	98%
vfr003 – 500×40	2%	78.63	677	3%	4.23	109	51%	0.08	2	93%
	ccp	**0.00**	0	100%	**0.41**	36	96%	**0.01**	1	99%
vfr003 – 500×60	2%	77.05	507	1%	3.32	40	48%	0.61	28	87%
	ccp	**0.10**	4	95%	**0.00**	0	100%	**0.01**	1	99%
vfr003 – 600×20	2%	28.95	652	16%	4.94	92	29%	0.20	8	90%
	ccp	**0.02**	1	98%	**0.02**	1	98%	**0.03**	1	97%
vfr003 – 600×40	2%	132.76	663	0%	10.01	244	43%	0.13	2	90%
	ccp	**0.01**	1	99%	**0.02**	2	99%	0.04	2	98%
vfr003 – 600×60	2%	110.34	372	2%	3.64	39	51%	0.25	12	94%
	ccp	**0.12**	7	94%	**0.00**	0	100%	0.25	13	94%
vfr003 – 700×20	2%	120.51	5674	10%	5.45	89	29%	0.52	6	73%
	ccp	**0.02**	1	98%	**0.02**	1	98%	**0.00**	0	100%
vfr003 – 700×40	2%	186.17	1000	3%	5.75	45	35%	0.10	3	93%
	ccp	**0.02**	1	98%	**0.00**	0	100%	0.02	1	98%
vfr003 – 700×60	2%	141.43	1015	1%	9.09	107	43%	0.09	4	94%
	ccp	**0.02**	2	99%	**0.02**	1	98%	0.20	18	97%
vfr003 – 800×20	2%	97.38	1692	5%	10.57	441	26%	0.42	7	76%
	ccp	**0.02**	1	98%	**0.03**	1	97%	**0.01**	1	99%
vfr003 – 800×40	2%	260.90	1547	0%	13.02	198	39%	1.61	132	92%
	ccp	**1.18**	114	95%	**0.04**	3	98%	**0.03**	1	97%
vfr003 – 800×60	2%	187.02	908	1%	9.27	115	43%	0.61	17	89%
	ccp	**0.07**	3	96%	**0.03**	1	97%	**0.00**	0	100%
vfr004 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.04	3	98%	0.00	0	100%	0.00	0	100%
vfr004 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr004 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 20×05	2%	0.00	0	100%	0.03	2	98%	0.00	0	100%
	ccp	0.16	15	98%	0.00	0	100%	0.00	0	100%
vfr004 – 20×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 20×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr004 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr004 – 30×05	2%	0.00	0	100%	0.03	1	97%	0.01	1	99%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
vfr004 – 30×10	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.02	1	98%	0.03	3	99%	0.00	0	100%
vfr004 – 30×15	2%	0.00	0	100%	0.03	2	98%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
vfr004 – 30×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.01	1	99%
vfr004 – 40×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr004 – 40×10	2%	**0.00**	0	100%	0.04	1	96%	0.00	0	100%
	ccp	0.17	8	93%	0.04	1	96%	0.00	0	100%
vfr004 – 40×15	2%	0.00	0	100%	0.04	3	98%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 40×20	2%	0.06	5	98%	0.03	1	97%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 50×05	2%	0.02	1	98%	0.01	1	99%	0.00	0	100%
	ccp	0.02	2	99%	0.05	3	98%	0.00	0	100%
vfr004 – 50×10	2%	0.01	1	99%	0.02	1	98%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr004 – 50×15	2%	0.04	2	97%	0.11	5	94%	0.00	0	100%
	ccp	0.03	1	97%	0.02	2	99%	0.00	0	100%
vfr004 – 50×20	2%	0.04	3	98%	0.05	2	96%	0.00	0	100%
	ccp	0.02	1	98%	0.02	2	99%	0.00	0	100%
vfr004 – 60×05	2%	0.00	0	100%	0.13	2	88%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr004 – 60×10	2%	0.03	2	98%	0.15	5	91%	0.00	0	100%
	ccp	0.03	1	97%	**0.01**	1	99%	0.00	0	100%
vfr004 – 60×15	2%	0.11	4	94%	0.20	9	93%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.02**	1	98%	0.01	1	99%
vfr004 – 60×20	2%	0.15	5	92%	0.13	4	91%	0.00	0	100%
	ccp	0.07	2	95%	**0.00**	0	100%	0.00	0	100%
vfr004 – 100×20	2%	0.89	14	73%	0.29	5	89%	0.01	1	99%
	ccp	**0.09**	2	93%	**0.01**	1	99%	0.01	1	99%
vfr004 – 100×40	2%	0.49	3	69%	0.59	9	77%	0.00	0	100%
	ccp	**0.02**	1	98%	**0.04**	3	98%	0.01	1	99%
vfr004 – 100×60	2%	0.69	8	70%	0.24	4	84%	0.01	1	99%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.00	0	100%
vfr004 – 200×20	2%	9.49	126	37%	0.75	16	68%	0.00	0	100%
	ccp	**0.02**	2	99%	**0.02**	1	98%	0.01	1	99%
vfr004 – 200×40	2%	9.42	49	7%	1.29	27	59%	0.17	4	91%
	ccp	**0.08**	2	93%	**0.09**	2	94%	0.11	2	92%
vfr004 – 200×60	2%	6.14	27	18%	1.41	19	49%	0.07	5	98%
	ccp	**0.00**	0	100%	**0.05**	2	96%	0.03	1	97%
vfr004 – 300×20	2%	14.02	184	26%	1.42	15	53%	0.00	0	100%
	ccp	**0.03**	1	97%	**0.12**	7	95%	0.05	2	96%
vfr004 – 300×40	2%	28.25	207	8%	2.32	33	53%	0.03	1	97%
	ccp	**0.02**	1	98%	**0.16**	12	97%	0.09	5	96%
vfr004 – 300×60	2%	16.82	85	6%	2.06	39	43%	0.14	4	92%
	ccp	**0.02**	1	98%	**0.06**	2	95%	0.04	2	97%
vfr004 – 400×20	2%	22.74	157	18%	6.03	378	43%	0.12	2	89%
	ccp	**0.07**	1	93%	**0.06**	5	98%	**0.01**	1	99%
vfr004 – 400×40	2%	52.79	240	7%	4.17	75	48%	0.03	1	97%
	ccp	**0.12**	5	95%	**0.11**	7	96%	0.00	0	100%
vfr004 – 400×60	2%	36.33	165	2%	3.20	34	43%	0.23	6	92%
	ccp	**0.13**	10	96%	**0.12**	8	95%	0.12	3	91%
vfr004 – 500×20	2%	19.55	365	27%	1.87	15	41%	0.11	2	91%
	ccp	**0.05**	4	98%	**0.04**	2	97%	**0.03**	1	97%
vfr004 – 500×40	2%	61.59	241	3%	4.42	58	47%	0.04	2	98%
	ccp	**0.18**	18	99%	**0.00**	0	100%	0.01	1	99%
vfr004 – 500×60	2%	69.04	296	2%	6.84	91	47%	0.18	8	91%
	ccp	**0.01**	1	99%	**0.02**	1	98%	0.05	1	95%
vfr004 – 600×20	2%	22.01	183	3%	3.93	37	28%	**0.35**	6	79%
	ccp	**0.07**	2	95%	**0.04**	2	97%	0.95	89	93%
vfr004 – 600×40	2%	110.81	458	7%	7.15	147	54%	0.12	3	91%
	ccp	**0.08**	2	93%	**0.01**	1	99%	**0.01**	1	99%
vfr004 – 600×60	2%	106.60	509	0%	8.55	66	47%	0.11	6	95%
	ccp	**0.05**	2	96%	**0.07**	4	97%	0.04	2	97%
vfr004 – 700×20	2%	12.72	183	11%	14.48	1067	32%	0.30	6	80%
	ccp	**0.03**	2	98%	**0.01**	1	99%	**0.04**	3	98%
vfr004 – 700×40	2%	187.65	1267	5%	16.06	586	45%	0.15	2	88%
	ccp	**0.04**	3	98%	**0.02**	1	98%	**0.01**	1	99%
vfr004 – 700×60	2%	136.48	435	0%	6.84	61	42%	0.59	23	91%
	ccp	**0.16**	10	96%	**0.42**	41	98%	**0.00**	0	100%
vfr004 – 800×20	2%	54.64	738	6%	8.64	87	16%	0.32	4	80%
	ccp	**0.02**	1	98%	**0.02**	1	98%	**0.01**	1	99%
vfr004 – 800×40	2%	294.13	1481	3%	8.67	382	49%	0.24	4	85%
	ccp	**0.00**	0	100%	**0.10**	3	94%	**0.02**	1	98%
vfr004 – 800×60	2%	204.79	772	0%	5.54	81	52%	0.55	23	91%
	ccp	**0.00**	0	100%	**0.01**	1	99%	**0.00**	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr005 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 20×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 20×10	2%	**0.00**	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.14	4	95%	0.00	0	100%	0.01	1	99%
vfr005 – 20×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.02	1	98%	0.00	0	100%
vfr005 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
vfr005 – 30×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 30×10	2%	0.02	1	98%	0.01	1	99%	0.00	0	100%
	ccp	0.03	1	97%	0.01	1	99%	0.00	0	100%
vfr005 – 30×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.07	6	98%	0.00	0	100%
vfr005 – 30×20	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.02	2	99%	0.01	1	99%	0.00	0	100%
vfr005 – 40×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 40×10	2%	0.05	3	97%	0.05	2	96%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.01	1	99%
vfr005 – 40×15	2%	0.04	2	97%	0.05	2	96%	0.01	1	99%
	ccp	0.10	2	93%	0.04	1	96%	0.01	1	99%
vfr005 – 40×20	2%	0.02	2	99%	0.05	2	96%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 50×05	2%	0.00	0	100%	0.09	2	92%	0.00	0	100%
	ccp	0.02	1	98%	**0.00**	0	100%	0.00	0	100%
vfr005 – 50×10	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.03	2	98%	0.02	1	98%	0.00	0	100%
vfr005 – 50×15	2%	0.04	1	96%	0.13	2	89%	0.00	0	100%
	ccp	0.03	1	97%	**0.03**	2	98%	0.01	1	99%
vfr005 – 50×20	2%	0.03	2	98%	0.10	3	93%	0.00	0	100%
	ccp	0.01	1	99%	0.02	1	98%	0.00	0	100%
vfr005 – 60×05	2%	0.00	0	100%	0.13	12	98%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr005 – 60×10	2%	0.19	7	92%	0.08	2	93%	0.00	0	100%
	ccp	0.03	1	97%	0.06	2	96%	0.02	1	98%
vfr005 – 60×15	2%	0.04	2	97%	0.31	12	88%	0.00	0	100%
	ccp	0.01	1	99%	**0.04**	3	98%	0.00	0	100%
vfr005 – 60×20	2%	0.06	3	97%	0.12	2	91%	0.00	0	100%
	ccp	0.01	1	99%	0.05	2	96%	0.01	1	99%
vfr005 – 100×20	2%	0.83	8	68%	0.42	14	86%	0.02	2	99%
	ccp	**0.08**	3	96%	**0.04**	2	97%	0.06	4	97%
vfr005 – 100×40	2%	0.62	27	78%	0.24	2	78%	0.01	1	99%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.01	1	99%
vfr005 – 100×60	2%	0.29	6	82%	0.19	3	87%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.00**	0	100%	0.03	3	99%
vfr005 – 200×20	2%	3.92	156	60%	0.69	28	77%	0.04	1	96%
	ccp	**0.03**	1	97%	**0.03**	1	97%	0.06	2	96%
vfr005 – 200×40	2%	7.43	54	17%	1.73	27	54%	0.07	3	96%
	ccp	**0.12**	7	94%	**0.06**	3	96%	0.03	2	98%
vfr005 – 200×60	2%	4.94	36	21%	0.96	10	62%	0.03	1	97%
	ccp	**0.06**	2	96%	**0.05**	3	97%	0.00	0	100%
vfr005 – 300×20	2%	7.75	126	21%	2.68	109	60%	3.71	363	93%
	ccp	**0.02**	1	98%	**0.05**	3	97%	**0.00**	0	100%
vfr005 – 300×40	2%	25.91	144	7%	2.40	49	62%	0.03	1	97%
	ccp	**0.16**	12	95%	**0.28**	21	95%	0.08	5	97%
vfr005 – 300×60	2%	18.43	81	3%	1.57	17	55%	0.05	3	98%
	ccp	**0.00**	0	100%	**0.08**	3	95%	0.06	2	96%
vfr005 – 400×20	2%	27.72	1259	25%	1.36	20	48%	0.05	2	96%
	ccp	**0.01**	1	99%	**0.02**	1	98%	0.02	2	99%
vfr005 – 400×40	2%	62.90	434	0%	2.89	32	59%	0.19	6	93%
	ccp	**0.05**	1	95%	**0.04**	3	98%	0.02	2	99%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr005 – 400×60	2%	41.00	279	2%	3.37	51	44%	0.26	10	92%
	ccp	**0.06**	2	96%	**0.07**	2	95%	0.06	2	95%
vfr005 – 500×20	2%	37.07	1047	16%	4.22	85	36%	0.24	6	89%
	ccp	**0.01**	1	99%	**0.00**	0	100%	**0.03**	1	97%
vfr005 – 500×40	2%	101.10	536	4%	5.36	160	56%	0.31	28	96%
	ccp	**0.03**	2	98%	**0.08**	4	97%	0.06	5	98%
vfr005 – 500×60	2%	56.65	227	7%	4.78	68	38%	0.23	9	92%
	ccp	**0.12**	4	93%	**0.03**	1	97%	**0.03**	1	97%
vfr005 – 600×20	2%	29.35	574	10%	4.58	69	38%	0.37	12	82%
	ccp	**0.01**	1	99%	**0.02**	1	98%	**0.00**	0	100%
vfr005 – 600×40	2%	132.46	760	1%	3.51	50	48%	0.09	4	94%
	ccp	**0.08**	5	97%	**0.02**	2	99%	**0.00**	0	100%
vfr005 – 600×60	2%	116.21	416	0%	5.06	52	50%	0.46	10	85%
	ccp	**0.12**	6	95%	**0.02**	1	98%	**0.02**	1	98%
vfr005 – 700×20	2%	70.35	679	10%	8.69	114	27%	0.30	4	81%
	ccp	**0.03**	1	97%	**0.00**	0	100%	**0.03**	1	97%
vfr005 – 700×40	2%	138.22	626	3%	8.63	150	33%	0.21	2	86%
	ccp	**0.01**	1	99%	**0.04**	2	98%	**0.00**	0	100%
vfr005 – 700×60	2%	147.85	552	0%	7.14	144	36%	0.15	4	92%
	ccp	**0.14**	12	97%	**0.01**	1	99%	0.03	3	99%
vfr005 – 800×20	2%	52.29	702	5%	19.38	531	22%	0.57	14	79%
	ccp	**0.03**	3	99%	**0.10**	8	97%	**0.02**	1	98%
vfr005 – 800×40	2%	285.34	1378	1%	9.20	243	33%	0.20	7	90%
	ccp	**0.03**	1	97%	**0.57**	56	98%	**0.01**	1	99%
vfr005 – 800×60	2%	223.67	752	0%	8.50	108	34%	0.61	42	89%
	ccp	**0.03**	1	97%	**0.01**	1	99%	**0.03**	1	97%
vfr006 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 20×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr006 – 20×10	2%	0.00	0	100%	0.02	2	99%	0.00	0	100%
	ccp	0.04	2	97%	0.00	0	100%	0.00	0	100%
vfr006 – 20×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.02	2	99%	0.00	0	100%
vfr006 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
vfr006 – 30×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 30×10	2%	0.00	0	100%	0.06	2	95%	0.00	0	100%
	ccp	0.03	1	97%	0.02	1	98%	0.00	0	100%
vfr006 – 30×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.04	2	97%	0.00	0	100%	0.00	0	100%
vfr006 – 30×20	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.04	2	98%	0.00	0	100%	0.00	0	100%
vfr006 – 40×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr006 – 40×10	2%	**0.01**	1	99%	0.02	1	98%	0.00	0	100%
	ccp	0.30	24	93%	0.02	1	98%	0.02	2	99%
vfr006 – 40×15	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
vfr006 – 40×20	2%	0.01	1	99%	0.03	1	97%	0.00	0	100%
	ccp	0.07	3	96%	0.03	2	98%	0.02	1	98%
vfr006 – 50×05	2%	0.00	0	100%	0.60	32	75%	0.00	0	100%
	ccp	0.01	1	99%	**0.00**	0	100%	0.01	1	99%
vfr006 – 50×10	2%	0.02	1	98%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.01	1	99%
vfr006 – 50×15	2%	0.01	1	99%	0.03	1	97%	0.00	0	100%
	ccp	0.07	2	94%	0.00	0	100%	0.00	0	100%
vfr006 – 50×20	2%	0.00	0	100%	0.05	3	98%	0.00	0	100%
	ccp	0.01	1	99%	0.02	1	98%	0.01	1	99%
vfr006 – 60×05	2%	0.00	0	100%	0.13	11	97%	0.00	0	100%
	ccp	1.51	151	99%	0.42	42	99%	0.00	0	100%
vfr006 – 60×10	2%	0.15	4	94%	0.15	4	89%	0.00	0	100%
	ccp	0.06	2	95%	**0.02**	1	98%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr006 – 60×15	2%	0.09	3	93%	0.05	1	95%	0.02	1	98%
	ccp	0.03	1	97%	0.02	1	98%	0.00	0	100%
vfr006 – 60×20	2%	0.13	3	91%	0.09	3	93%	0.00	0	100%
	ccp	**0.00**	0	100%	0.04	1	96%	0.01	1	99%
vfr006 – 100×20	2%	1.25	14	59%	0.46	9	78%	0.01	1	99%
	ccp	**0.08**	4	96%	**0.03**	2	98%	0.02	2	99%
vfr006 – 100×40	2%	0.42	4	74%	0.27	7	83%	0.00	0	100%
	ccp	**0.02**	1	98%	**0.03**	1	97%	0.01	1	99%
vfr006 – 100×60	2%	0.53	10	74%	0.24	4	83%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
vfr006 – 200×20	2%	4.89	51	38%	1.13	48	76%	0.03	2	98%
	ccp	**0.08**	2	95%	**0.00**	0	100%	0.01	1	99%
vfr006 – 200×40	2%	8.26	45	14%	1.32	15	66%	0.01	1	99%
	ccp	**0.11**	5	94%	**0.04**	2	97%	0.05	3	97%
vfr006 – 200×60	2%	7.04	41	14%	1.44	15	51%	0.04	3	98%
	ccp	**0.02**	1	98%	**0.04**	1	96%	0.01	1	99%
vfr006 – 300×20	2%	6.26	201	47%	1.18	11	54%	0.11	6	94%
	ccp	**0.07**	3	95%	**0.03**	1	97%	**0.00**	0	100%
vfr006 – 300×40	2%	27.94	102	6%	2.61	25	43%	0.10	4	95%
	ccp	**0.11**	6	94%	**0.26**	16	96%	0.01	1	99%
vfr006 – 300×60	2%	21.00	94	0%	2.15	31	47%	0.05	2	96%
	ccp	**0.04**	3	98%	**0.16**	14	97%	0.01	1	99%
vfr006 – 400×20	2%	21.68	322	14%	2.44	70	52%	0.03	1	97%
	ccp	**0.03**	1	97%	**0.02**	1	98%	0.02	1	98%
vfr006 – 400×40	2%	41.33	272	6%	2.54	86	63%	0.06	1	94%
	ccp	**0.08**	5	96%	**0.00**	0	100%	0.03	1	97%
vfr006 – 400×60	2%	35.68	203	4%	3.02	28	43%	0.30	7	88%
	ccp	**0.01**	1	99%	**0.06**	3	97%	0.14	5	94%
vfr006 – 500×20	2%	11.73	144	16%	3.61	24	36%	0.25	5	87%
	ccp	**0.05**	2	96%	**0.01**	1	99%	**0.09**	5	96%
vfr006 – 500×40	2%	60.63	330	3%	3.18	36	51%	0.26	20	95%
	ccp	**0.10**	8	97%	**0.04**	3	98%	0.06	4	98%
vfr006 – 500×60	2%	82.42	526	3%	5.42	66	40%	0.07	2	95%
	ccp	**0.02**	1	98%	**0.00**	0	100%	0.01	1	99%
vfr006 – 600×20	2%	35.16	563	16%	6.07	101	41%	0.40	5	77%
	ccp	**0.01**	1	99%	**0.01**	1	99%	**0.03**	1	97%
vfr006 – 600×40	2%	110.80	833	3%	7.44	433	43%	0.17	6	92%
	ccp	**0.01**	1	99%	**0.05**	3	97%	0.03	3	99%
vfr006 – 600×60	2%	125.84	459	1%	5.32	62	42%	0.03	1	97%
	ccp	**0.04**	3	98%	**0.15**	11	95%	0.13	11	97%
vfr006 – 700×20	2%	37.22	364	14%	5.07	138	32%	0.29	5	83%
	ccp	**0.07**	3	95%	**0.03**	1	97%	**0.01**	1	99%
vfr006 – 700×40	2%	170.03	827	3%	6.96	136	43%	0.16	7	93%
	ccp	**0.61**	59	97%	**0.05**	3	97%	**0.02**	1	98%
vfr006 – 700×60	2%	131.22	570	0%	5.98	104	52%	0.07	2	94%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.04	2	97%
vfr006 – 800×20	2%	20.75	283	14%	7.43	100	13%	0.85	27	67%
	ccp	**0.00**	0	100%	**0.03**	1	97%	**0.02**	2	99%
vfr006 – 800×40	2%	274.09	1821	1%	5.06	80	42%	0.15	7	93%
	ccp	**0.47**	44	96%	**0.06**	2	96%	0.02	1	98%
vfr006 – 800×60	2%	196.81	1012	1%	8.89	161	48%	0.72	21	85%
	ccp	**0.04**	2	97%	**0.02**	2	99%	**0.02**	1	98%
vfr007 – 10×05	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.10	1	90%	0.00	0	100%	0.00	0	100%
vfr007 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr007 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.06	3	98%	0.00	0	100%	0.00	0	100%
vfr007 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr007 – 20×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.03	1	97%	0.04	4	99%	0.00	0	100%
vfr007 – 20×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.06	2	96%	0.00	0	100%	0.00	0	100%
vfr007 – 20×15	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.06	3	96%	0.02	1	98%	0.00	0	100%
vfr007 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr007 – 30×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr007 – 30×10	2%	0.01	1	99%	0.01	1	99%	0.00	0	100%
	ccp	0.10	5	95%	0.00	0	100%	0.00	0	100%
vfr007 – 30×15	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.01	1	99%	0.00	0	100%
vfr007 – 30×20	2%	**0.01**	1	99%	0.04	2	97%	0.00	0	100%
	ccp	0.09	2	93%	0.01	1	99%	0.00	0	100%
vfr007 – 40×05	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.02	2	99%	0.00	0	100%	0.00	0	100%
vfr007 – 40×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr007 – 40×15	2%	0.06	2	96%	0.01	1	99%	0.00	0	100%
	ccp	0.05	1	95%	0.01	1	99%	0.01	1	99%
vfr007 – 40×20	2%	0.01	1	99%	0.02	2	99%	0.00	0	100%
	ccp	0.04	1	96%	0.01	1	99%	0.00	0	100%
vfr007 – 50×05	2%	0.00	0	100%	0.23	2	78%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr007 – 50×10	2%	0.05	2	96%	0.06	4	97%	0.05	2	97%
	ccp	0.11	5	96%	0.02	1	98%	0.00	0	100%
vfr007 – 50×15	2%	0.04	2	97%	0.04	1	96%	0.00	0	100%
	ccp	0.05	2	96%	0.08	3	95%	0.00	0	100%
vfr007 – 50×20	2%	0.10	5	95%	0.06	2	95%	0.00	0	100%
	ccp	0.04	2	98%	0.07	2	95%	0.00	0	100%
vfr007 – 60×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr007 – 60×10	2%	0.07	1	93%	0.17	4	91%	0.02	1	98%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.01	1	99%
vfr007 – 60×15	2%	0.19	5	91%	0.15	4	92%	0.00	0	100%
	ccp	0.05	1	95%	**0.02**	1	98%	0.00	0	100%
vfr007 – 60×20	2%	0.09	2	93%	0.18	6	91%	0.03	2	98%
	ccp	0.18	9	97%	0.10	7	96%	0.01	1	99%
vfr007 – 100×20	2%	0.98	30	67%	0.36	14	87%	0.01	1	99%
	ccp	**0.03**	2	98%	0.08	2	93%	0.02	2	99%
vfr007 – 100×40	2%	0.85	9	70%	0.29	4	82%	0.00	0	100%
	ccp	**0.04**	1	96%	**0.03**	2	98%	0.00	0	100%
vfr007 – 100×60	2%	0.66	7	70%	0.23	4	85%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.00	0	100%
vfr007 – 200×20	2%	7.44	89	33%	0.83	11	72%	0.01	1	99%
	ccp	**0.05**	4	98%	**0.01**	1	99%	0.02	1	98%
vfr007 – 200×40	2%	8.14	81	15%	0.83	9	71%	0.00	0	100%
	ccp	**0.10**	5	96%	**0.04**	1	96%	0.03	2	98%
vfr007 – 200×60	2%	6.30	40	11%	1.53	36	54%	0.05	3	97%
	ccp	**0.02**	1	98%	**0.00**	0	100%	0.03	1	97%
vfr007 – 300×20	2%	12.35	177	25%	1.93	58	58%	0.06	4	97%
	ccp	**0.02**	1	98%	**0.01**	1	99%	0.02	1	98%
vfr007 – 300×40	2%	20.00	117	12%	1.45	18	59%	0.04	1	96%
	ccp	**0.02**	1	98%	**0.05**	3	98%	0.02	1	98%
vfr007 – 300×60	2%	20.17	87	3%	2.55	38	51%	0.08	2	93%
	ccp	**0.02**	1	98%	**0.17**	11	95%	0.08	3	96%
vfr007 – 400×20	2%	11.00	174	18%	1.92	20	46%	0.17	4	90%
	ccp	**0.03**	2	98%	**0.06**	4	97%	**0.01**	1	99%
vfr007 – 400×40	2%	59.08	383	2%	5.16	139	51%	0.10	7	96%
	ccp	**0.03**	2	98%	**0.07**	5	97%	0.02	2	99%
vfr007 – 400×60	2%	48.93	237	1%	3.51	50	41%	0.21	6	91%
	ccp	**0.02**	1	98%	**0.03**	1	97%	0.05	1	95%
vfr007 – 500×20	2%	92.50	2161	7%	2.94	19	37%	0.19	4	89%
	ccp	**0.05**	1	95%	**0.01**	1	99%	**0.02**	1	98%
vfr007 – 500×40	2%	87.75	337	3%	4.04	120	52%	0.04	1	96%
	ccp	**0.00**	0	100%	**0.00**	0	100%	0.15	13	98%
vfr007 – 500×60	2%	64.66	274	1%	4.29	44	47%	0.24	4	87%
	ccp	**0.12**	5	94%	**0.03**	1	97%	0.09	5	95%
vfr007 – 600×20	2%	22.48	650	10%	5.80	56	29%	0.26	7	85%
	ccp	**0.04**	1	96%	**0.02**	1	98%	**0.01**	1	99%
vfr007 – 600×40	2%	157.51	663	1%	5.75	259	51%	0.67	38	85%
	ccp	**0.04**	2	97%	**0.03**	1	97%	**0.00**	0	100%
vfr007 – 600×60	2%	121.70	756	2%	4.19	72	55%	0.37	13	90%
	ccp	**0.07**	3	95%	**0.18**	8	94%	**0.01**	1	99%
vfr007 – 700×20	2%	65.59	1298	12%	7.72	232	27%	0.40	6	78%
	ccp	**0.00**	0	100%	**0.02**	1	98%	**0.02**	2	99%
vfr007 – 700×40	2%	237.50	3471	0%	15.69	428	38%	0.10	5	94%
	ccp	**0.02**	1	98%	**0.03**	1	97%	**0.00**	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr007 – 700×60	2%	146.90	510	1%	6.19	80	45%	0.51	34	90%
	ccp	**0.18**	15	97%	**0.26**	15	98%	**0.02**	1	98%
vfr007 – 800×20	2%	38.12	475	3%	9.69	94	23%	1.13	46	67%
	ccp	**0.01**	1	99%	**0.42**	41	98%	**0.02**	1	98%
vfr007 – 800×40	2%	232.37	892	2%	18.61	1000	45%	0.38	5	81%
	ccp	**0.03**	1	97%	**0.80**	80	99%	**0.00**	0	100%
vfr007 – 800×60	2%	182.32	499	0%	5.11	91	53%	0.35	30	94%
	ccp	**0.17**	11	98%	**0.03**	2	98%	0.02	1	98%
vfr008 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 10×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 20×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.04	2	97%	0.00	0	100%	0.00	0	100%
vfr008 – 20×10	2%	**0.00**	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.08	3	95%	0.00	0	100%	0.00	0	100%
vfr008 – 20×15	2%	0.00	0	100%	0.02	2	99%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 30×05	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.03	2	98%	0.00	0	100%	0.00	0	100%
vfr008 – 30×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr008 – 30×15	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr008 – 30×20	2%	0.00	0	100%	0.04	3	98%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr008 – 40×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 40×10	2%	0.04	4	99%	0.11	7	96%	0.00	0	100%
	ccp	0.02	1	98%	0.09	6	97%	0.01	1	99%
vfr008 – 40×15	2%	0.01	1	99%	0.02	1	98%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.00	0	100%
vfr008 – 40×20	2%	0.01	1	99%	0.04	3	98%	0.00	0	100%
	ccp	0.05	4	98%	0.00	0	100%	0.00	0	100%
vfr008 – 50×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr008 – 50×10	2%	0.00	0	100%	0.15	10	94%	0.01	1	99%
	ccp	0.02	1	98%	**0.01**	1	99%	0.00	0	100%
vfr008 – 50×15	2%	0.04	2	97%	0.10	3	93%	0.00	0	100%
	ccp	0.05	1	95%	**0.00**	0	100%	0.02	1	98%
vfr008 – 50×20	2%	0.03	1	97%	0.09	3	95%	0.00	0	100%
	ccp	0.01	1	99%	0.03	2	98%	0.00	0	100%
vfr008 – 60×05	2%	0.00	0	100%	0.29	5	81%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr008 – 60×10	2%	0.02	1	98%	0.14	4	89%	0.00	0	100%
	ccp	0.03	1	97%	**0.00**	0	100%	0.00	0	100%
vfr008 – 60×15	2%	0.11	2	92%	0.27	11	89%	0.01	1	99%
	ccp	0.04	2	97%	0.09	3	95%	0.03	1	97%
vfr008 – 60×20	2%	0.05	3	97%	0.11	5	95%	0.00	0	100%
	ccp	0.01	1	99%	0.09	4	95%	0.00	0	100%
vfr008 – 100×20	2%	0.82	10	69%	0.41	15	80%	0.01	1	99%
	ccp	**0.05**	3	97%	**0.11**	8	96%	0.02	2	99%
vfr008 – 100×40	2%	0.61	7	69%	0.37	5	79%	0.00	0	100%
	ccp	**0.05**	3	97%	**0.06**	2	96%	0.02	1	98%
vfr008 – 100×60	2%	0.53	7	75%	0.32	6	80%	0.00	0	100%
	ccp	**0.05**	4	98%	**0.02**	1	98%	0.02	1	98%
vfr008 – 200×20	2%	5.60	53	37%	0.31	3	81%	0.02	1	98%
	ccp	**0.02**	1	98%	**0.25**	23	97%	0.03	2	98%
vfr008 – 200×40	2%	6.74	36	12%	1.11	17	69%	0.02	1	98%
	ccp	**0.05**	1	95%	**0.07**	2	95%	0.04	2	97%
vfr008 – 200×60	2%	7.42	30	8%	1.15	10	46%	0.02	1	98%
	ccp	**0.02**	1	98%	**0.04**	3	98%	0.02	1	98%
vfr008 – 300×20	2%	12.96	154	27%	1.00	15	66%	0.07	3	95%
	ccp	**0.02**	2	99%	**0.05**	2	96%	0.04	2	97%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr008 – 300×40	2%	29.83	162	3%	2.31	19	48%	0.04	2	97%
	ccp	**0.03**	1	97%	**0.00**	0	100%	0.05	2	96%
vfr008 – 300×60	2%	18.46	89	4%	2.35	26	48%	0.08	2	94%
	ccp	**0.06**	4	98%	**0.04**	1	96%	0.03	1	97%
vfr008 – 400×20	2%	22.44	527	14%	1.56	11	49%	0.16	7	91%
	ccp	**0.02**	1	98%	**0.04**	3	98%	**0.00**	0	100%
vfr008 – 400×40	2%	56.04	262	5%	2.33	73	61%	0.08	2	93%
	ccp	**0.03**	1	97%	**0.09**	5	98%	0.03	2	98%
vfr008 – 400×60	2%	43.89	194	1%	3.86	58	39%	0.16	8	92%
	ccp	**0.07**	4	96%	**0.02**	1	98%	**0.02**	1	98%
vfr008 – 500×20	2%	21.26	404	21%	2.98	28	39%	0.38	20	90%
	ccp	**0.02**	1	98%	**0.02**	1	98%	0.04	2	97%
vfr008 – 500×40	2%	73.83	530	4%	4.02	51	51%	0.12	4	93%
	ccp	**0.18**	15	96%	**0.01**	1	99%	**0.01**	1	99%
vfr008 – 500×60	2%	78.11	797	0%	4.12	39	43%	0.12	3	94%
	ccp	**0.09**	4	94%	**0.07**	2	95%	0.09	4	95%
vfr008 – 600×20	2%	49.63	1240	16%	4.20	143	42%	0.16	6	93%
	ccp	**0.02**	1	98%	**0.10**	3	94%	0.03	2	98%
vfr008 – 600×40	2%	152.23	548	1%	3.07	41	49%	0.54	37	88%
	ccp	**0.03**	1	97%	**0.00**	0	100%	0.09	6	96%
vfr008 – 600×60	2%	104.62	630	1%	4.31	49	43%	0.50	14	87%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.20	10	96%
vfr008 – 700×20	2%	56.33	1340	11%	4.83	40	27%	0.53	23	81%
	ccp	**0.02**	1	98%	**0.10**	3	93%	**0.02**	1	98%
vfr008 – 700×40	2%	210.78	882	0%	4.97	70	40%	0.08	3	94%
	ccp	**0.34**	31	97%	**0.02**	1	98%	0.04	1	96%
vfr008 – 700×60	2%	114.56	413	2%	8.12	65	47%	0.24	8	91%
	ccp	**0.11**	9	97%	**0.09**	8	98%	**0.01**	1	99%
vfr008 – 800×20	2%	32.30	717	11%	7.05	82	17%	0.43	4	71%
	ccp	**0.03**	1	97%	**0.02**	1	98%	**0.02**	1	98%
vfr008 – 800×40	2%	244.84	1136	1%	5.24	123	52%	0.32	12	85%
	ccp	**0.02**	1	98%	**0.03**	3	99%	**0.03**	2	98%
vfr008 – 800×60	2%	239.21	765	0%	10.72	159	52%	0.08	4	95%
	ccp	**0.10**	8	97%	**0.07**	7	99%	0.08	5	97%
vfr009 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr009 – 10×10	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.05	1	95%	0.00	0	100%	0.00	0	100%
vfr009 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr009 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr009 – 20×05	2%	0.00	0	100%	0.05	2	96%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.00	0	100%
vfr009 – 20×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr009 – 20×15	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr009 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
vfr009 – 30×05	2%	0.00	0	100%	0.07	1	93%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr009 – 30×10	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.06	3	96%	0.00	0	100%	0.00	0	100%
vfr009 – 30×15	2%	0.00	0	100%	0.05	1	95%	0.00	0	100%
	ccp	0.02	1	98%	0.03	2	98%	0.00	0	100%
vfr009 – 30×20	2%	0.00	0	100%	0.02	1	98%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr009 – 40×05	2%	0.00	0	100%	0.32	6	82%	0.00	0	100%
	ccp	0.02	2	99%	**0.00**	0	100%	0.00	0	100%
vfr009 – 40×10	2%	0.01	1	99%	0.05	1	95%	0.02	1	98%
	ccp	0.01	1	99%	0.13	10	97%	0.00	0	100%
vfr009 – 40×15	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.02	2	99%	0.00	0	100%
vfr009 – 40×20	2%	0.00	0	100%	0.06	1	94%	0.00	0	100%
	ccp	0.01	1	99%	**0.00**	0	100%	0.00	0	100%
vfr009 – 50×05	2%	0.00	0	100%	0.06	1	94%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr009 – 50×10	2%	0.00	0	100%	0.06	3	97%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr009 – 50×15	2%	0.04	2	97%	0.06	1	94%	0.00	0	100%
	ccp	0.09	4	94%	0.04	4	99%	0.00	0	100%
vfr009 – 50×20	2%	0.01	1	99%	0.13	2	90%	0.00	0	100%
	ccp	0.03	1	97%	**0.01**	1	99%	0.01	1	99%
vfr009 – 60×05	2%	0.04	4	99%	0.08	1	92%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr009 – 60×10	2%	0.00	0	100%	0.14	5	93%	0.00	0	100%
	ccp	0.00	0	100%	**0.00**	0	100%	0.00	0	100%
vfr009 – 60×15	2%	0.12	4	94%	0.15	4	90%	0.00	0	100%
	ccp	0.05	2	96%	**0.00**	0	100%	0.00	0	100%
vfr009 – 60×20	2%	0.22	5	90%	0.15	4	92%	0.00	0	100%
	ccp	**0.06**	2	95%	0.03	2	98%	0.00	0	100%
vfr009 – 100×20	2%	0.79	8	70%	0.36	19	87%	0.02	1	98%
	ccp	**0.03**	3	99%	**0.06**	3	96%	0.02	1	98%
vfr009 – 100×40	2%	0.89	32	71%	0.44	4	76%	0.01	1	99%
	ccp	**0.01**	1	99%	**0.01**	1	99%	0.01	1	99%
vfr009 – 100×60	2%	0.46	7	75%	0.23	4	83%	0.00	0	100%
	ccp	**0.00**	0	100%	**0.02**	2	99%	0.00	0	100%
vfr009 – 200×20	2%	6.11	49	37%	0.62	6	71%	0.04	2	97%
	ccp	**0.10**	5	97%	**0.03**	1	97%	0.01	1	99%
vfr009 – 200×40	2%	9.40	44	11%	1.39	18	53%	0.03	3	99%
	ccp	**0.01**	1	99%	**0.08**	5	96%	0.03	1	97%
vfr009 – 200×60	2%	6.43	51	16%	1.07	10	56%	0.02	2	99%
	ccp	**0.01**	1	99%	**0.00**	0	100%	0.02	1	98%
vfr009 – 300×20	2%	17.27	223	24%	1.52	20	59%	0.14	14	99%
	ccp	**0.12**	10	97%	**0.01**	1	99%	0.04	3	98%
vfr009 – 300×40	2%	26.97	98	7%	2.12	30	57%	0.26	22	95%
	ccp	**0.00**	0	100%	**0.08**	3	96%	0.01	1	99%
vfr009 – 300×60	2%	18.40	100	1%	1.84	20	47%	0.15	3	90%
	ccp	**0.01**	1	99%	**0.05**	3	97%	**0.03**	1	97%
vfr009 – 400×20	2%	7.35	154	28%	3.74	163	44%	0.08	2	93%
	ccp	**0.01**	1	99%	**0.02**	1	98%	**0.00**	0	100%
vfr009 – 400×40	2%	47.98	241	3%	2.99	57	58%	0.10	6	97%
	ccp	**0.02**	1	98%	**0.03**	2	98%	0.03	3	99%
vfr009 – 400×60	2%	45.84	305	1%	2.06	24	53%	0.09	3	93%
	ccp	**0.13**	9	95%	**0.04**	2	97%	0.04	2	98%
vfr009 – 500×20	2%	51.57	1382	13%	4.19	80	37%	1.09	56	90%
	ccp	**0.07**	2	95%	**0.01**	1	99%	**0.01**	1	99%
vfr009 – 500×40	2%	72.83	303	6%	5.94	93	53%	0.17	10	92%
	ccp	**0.01**	1	99%	**0.01**	1	99%	**0.01**	1	99%
vfr009 – 500×60	2%	56.38	184	1%	5.28	53	46%	0.34	15	93%
	ccp	**0.09**	2	92%	**0.06**	3	96%	0.03	2	98%
vfr009 – 600×20	2%	25.62	285	16%	3.88	32	27%	0.13	2	88%
	ccp	**0.02**	1	98%	**0.02**	1	98%	**0.01**	1	99%
vfr009 – 600×40	2%	135.33	732	2%	8.70	189	47%	1.22	116	94%
	ccp	**0.01**	1	99%	**0.37**	32	95%	0.01	1	99%
vfr009 – 600×60	2%	104.40	357	1%	5.73	82	46%	0.74	17	84%
	ccp	**0.03**	2	98%	**0.00**	0	100%	**0.02**	1	98%
vfr009 – 700×20	2%	29.47	594	11%	7.44	132	17%	1.17	79	76%
	ccp	**0.03**	1	97%	**0.00**	0	100%	**0.00**	0	100%
vfr009 – 700×40	2%	180.85	1441	0%	4.48	111	46%	0.22	3	83%
	ccp	**0.00**	0	100%	**0.04**	1	96%	**0.02**	1	98%
vfr009 – 700×60	2%	133.25	805	0%	7.74	92	44%	0.16	4	91%
	ccp	**0.06**	3	97%	**0.05**	4	98%	0.09	9	99%
vfr009 – 800×20	2%	30.30	450	8%	5.65	51	23%	0.38	8	78%
	ccp	**0.02**	1	98%	**0.00**	0	100%	**0.03**	1	97%
vfr009 – 800×40	2%	237.34	1792	2%	8.86	160	43%	1.05	78	83%
	ccp	**0.03**	1	97%	**0.02**	1	98%	**0.02**	1	98%
vfr009 – 800×60	2%	160.90	773	2%	6.97	92	47%	0.17	4	89%
	ccp	**0.21**	20	98%	**0.21**	13	94%	0.51	42	98%
vfr010 – 10×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr010 – 10×10	2%	**0.00**	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.07	1	93%	0.00	0	100%	0.00	0	100%
vfr010 – 10×15	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr010 – 10×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr010 – 20×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr010 – 20×10	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr010 – 20×15	2%	0.00	0	100%	0.02	2	99%	0.00	0	100%
	ccp	0.03	1	97%	0.00	0	100%	0.00	0	100%
vfr010 – 20×20	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.01	1	99%	0.00	0	100%	0.00	0	100%
vfr010 – 30×05	2%	0.00	0	100%	0.01	1	99%	0.00	0	100%
	ccp	0.02	2	99%	0.03	3	99%	0.00	0	100%
vfr010 – 30×10	2%	0.00	0	100%	0.08	6	97%	0.00	0	100%
	ccp	0.02	1	98%	0.00	0	100%	0.00	0	100%
vfr010 – 30×15	2%	0.01	1	99%	0.01	1	99%	0.00	0	100%
	ccp	0.00	0	100%	0.01	1	99%	0.00	0	100%
vfr010 – 30×20	2%	0.00	0	100%	0.03	1	97%	0.00	0	100%
	ccp	0.02	1	98%	0.01	1	99%	0.00	0	100%
vfr010 – 40×05	2%	0.00	0	100%	0.13	8	96%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr010 – 40×10	2%	0.10	3	94%	0.07	3	96%	0.00	0	100%
	ccp	0.05	2	97%	0.02	1	98%	0.00	0	100%
vfr010 – 40×15	2%	0.03	3	99%	0.08	3	95%	0.00	0	100%
	ccp	0.06	4	97%	0.01	1	99%	0.00	0	100%
vfr010 – 40×20	2%	0.00	0	100%	0.05	2	96%	0.00	0	100%
	ccp	0.03	3	99%	0.00	0	100%	0.00	0	100%
vfr010 – 50×05	2%	0.00	0	100%	0.12	2	90%	0.00	0	100%
	ccp	0.01	1	99%	**0.02**	1	98%	0.00	0	100%
vfr010 – 50×10	2%	0.00	0	100%	0.06	2	95%	0.00	0	100%
	ccp	0.01	1	99%	**0.00**	0	100%	0.00	0	100%
vfr010 – 50×15	2%	0.01	1	99%	0.11	2	90%	0.00	0	100%
	ccp	0.09	3	94%	**0.02**	1	98%	0.00	0	100%
vfr010 – 50×20	2%	0.03	2	98%	0.04	2	97%	0.00	0	100%
	ccp	0.04	3	98%	0.03	2	98%	0.00	0	100%
vfr010 – 60×05	2%	0.00	0	100%	0.00	0	100%	0.00	0	100%
	ccp	0.00	0	100%	0.00	0	100%	0.00	0	100%
vfr010 – 60×10	2%	0.04	1	96%	0.05	2	96%	0.00	0	100%
	ccp	0.03	1	97%	0.03	2	98%	0.02	2	99%
vfr010 – 60×15	2%	0.14	5	94%	0.09	2	92%	0.01	1	99%
	ccp	0.03	1	97%	0.02	1	98%	0.03	1	97%
vfr010 – 60×20	2%	0.14	6	94%	0.06	2	96%	0.00	0	100%
	ccp	0.05	1	95%	0.10	8	97%	0.03	2	98%
vfr010 – 100×20	2%	1.03	16	74%	0.10	3	92%	0.01	1	99%
	ccp	**0.09**	6	96%	**0.01**	1	99%	0.02	1	98%
vfr010 – 100×40	2%	0.50	6	71%	0.42	17	81%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.00**	0	100%	0.00	0	100%
vfr010 – 100×60	2%	0.44	10	77%	0.48	18	79%	0.00	0	100%
	ccp	**0.01**	1	99%	**0.02**	2	99%	0.02	1	98%
vfr010 – 200×20	2%	7.98	48	29%	0.75	22	75%	0.00	0	100%
	ccp	**0.07**	4	96%	**0.03**	3	99%	0.00	0	100%
vfr010 – 200×40	2%	8.00	46	18%	1.23	14	55%	0.04	3	98%
	ccp	**0.02**	1	98%	**0.02**	2	99%	0.02	1	98%
vfr010 – 200×60	2%	8.77	37	6%	1.40	9	39%	0.06	3	97%
	ccp	**0.03**	3	99%	**0.00**	0	100%	0.00	0	100%
vfr010 – 300×20	2%	8.83	148	21%	10.03	833	47%	0.05	2	96%
	ccp	**0.00**	0	100%	**0.01**	1	99%	0.00	0	100%
vfr010 – 300×40	2%	27.50	122	1%	2.42	24	52%	0.10	2	93%
	ccp	**0.06**	4	97%	**0.01**	1	99%	0.03	2	98%
vfr010 – 300×60	2%	19.73	115	4%	1.65	20	49%	0.08	3	95%
	ccp	**0.06**	3	96%	**0.05**	2	96%	**0.00**	0	100%
vfr010 – 400×20	2%	18.09	621	26%	2.67	22	46%	0.11	4	93%
	ccp	**0.00**	0	100%	**0.03**	2	98%	0.03	1	97%
vfr010 – 400×40	2%	49.29	175	6%	3.92	100	53%	0.10	3	92%
	ccp	**0.04**	1	96%	**0.06**	3	97%	0.02	1	98%
vfr010 – 400×60	2%	45.72	197	2%	4.30	53	48%	0.12	2	92%
	ccp	**0.02**	1	98%	**0.08**	4	98%	0.06	1	94%
vfr010 – 500×20	2%	46.98	643	18%	4.68	203	45%	0.06	3	97%
	ccp	**0.04**	2	97%	**0.01**	1	99%	0.02	2	99%
vfr010 – 500×40	2%	93.78	582	5%	5.16	153	57%	0.19	7	91%
	ccp	**0.03**	3	99%	**0.01**	1	99%	**0.01**	1	99%
vfr010 – 500×60	2%	65.35	391	1%	4.50	38	38%	0.16	7	93%
	ccp	**0.05**	3	97%	**0.12**	9	96%	0.05	5	99%
vfr010 – 600×20	2%	47.80	985	18%	3.85	61	39%	0.32	9	84%
	ccp	**0.00**	0	100%	**0.00**	0	100%	**0.13**	10	96%

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Table 8: *Continued from previous page*

Dataset	Stopping Criterion	$L_h = 1$			$L_h = 5000$			$L_h = 50000$		
		I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum	I_{move}	I_{max}	Local Optimum
vfr010 – 600×40	2%	122.54	1144	1%	4.80	113	51%	0.07	2	95%
	ccp	**0.09**	2	92%	**0.32**	28	96%	**0.00**	0	100%
vfr010 – 600×60	2%	113.94	506	0%	4.64	48	44%	0.19	5	89%
	ccp	**0.01**	1	99%	**0.03**	2	98%	**0.03**	1	97%
vfr010 – 700×20	2%	11.03	241	23%	5.56	107	36%	0.19	8	94%
	ccp	**0.01**	1	99%	**0.02**	1	98%	**0.01**	1	99%
vfr010 – 700×40	2%	186.41	830	0%	5.35	176	45%	0.39	35	95%
	ccp	**0.01**	1	99%	**0.03**	1	97%	0.04	2	97%
vfr010 – 700×60	2%	147.87	498	0%	6.02	169	41%	0.70	48	92%
	ccp	**0.04**	2	97%	**0.03**	2	98%	0.04	2	97%
vfr010 – 800×20	2%	41.47	802	10%	7.09	110	19%	0.44	7	78%
	ccp	**0.00**	0	100%	**0.01**	1	99%	**0.04**	1	96%
vfr010 – 800×40	2%	260.91	1499	1%	7.17	153	43%	0.14	2	90%
	ccp	**0.01**	1	99%	**0.08**	6	97%	**0.01**	1	99%
vfr010 – 800×60	2%	217.37	1022	0%	5.78	52	51%	0.45	19	89%
	ccp	**0.05**	4	98%	**0.02**	1	98%	**0.06**	4	97%

Table 9: For all instances of the three problem classes, and for $L_h \in \{1, 5000, 50000\}$, the table displays two values ($idle_r$ and $idle_p$) collected from the experiments that used the CCP cutoff time. $idle_r$ stands for the number of times that the state of LAHC changes, plateau moves aside, and is shown in thousands of iterations rounded to the nearest integer. $idle_p$ shows that same number percentage-wise in terms of the total number of iterations done during the entire run. The results are averaged over 100 independent runs. For each instance we also show the value of $\beta \ln |N(s)|$ (using $p = 0.95$), the overhead factor of the CCP calculation with respect to visiting each solution in the neighbourhood exactly once.

TSP

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
d657	15.28	3	0.06%	13710	51.41%	137183	62.69%
u724	15.47	4	0.05%	15347	49.96%	153058	62.51%
rat783	15.63	4	0.05%	16117	48.86%	161686	62.49%
dsj1000	16.12	6	0.04%	22730	47.07%	227058	62.27%
pr1002	16.12	5	0.04%	22610	46.63%	226204	61.89%
u1060	16.23	6	0.03%	24198	44.29%	240926	61.67%
vm1084	16.28	6	0.04%	25139	45.45%	249766	61.92%
pcb1173	16.44	6	0.03%	26853	43.95%	269454	61.30%
d1291	16.63	7	0.03%	30498	42.17%	304071	61.03%
rl1304	16.65	8	0.03%	31295	42.59%	310949	61.11%
rl1323	16.68	8	0.03%	31809	42.39%	316060	61.05%
nrw1379	16.76	8	0.03%	31797	41.83%	320050	60.86%
fl1400	16.79	9	0.02%	31318	34.40%	309054	61.78%
u1432	16.84	8	0.01%	32758	31.34%	331629	58.15%
fl1577	17.03	10	0.02%	38128	33.79%	377608	59.66%
d1655	17.13	10	0.02%	40120	35.68%	401628	59.50%
vm1748	17.23	11	0.02%	43643	37.53%	433975	59.91%
u1817	17.31	11	0.02%	44514	30.77%	446753	57.74%
rl1889	17.39	12	0.02%	48231	35.95%	476534	59.19%
d2103	17.60	13	0.02%	52834	32.26%	528565	58.54%
u2152	17.65	13	0.01%	53895	27.04%	541296	55.99%
u2319	17.80	13	0.01%	54634	20.28%	555146	53.30%
pr2392	17.86	15	0.02%	61897	33.31%	618135	58.46%
pcb3038	18.34	19	0.01%	79761	29.28%	800315	57.16%
fl3795	18.79	27	0.01%	103946	15.67%	1007428	47.27%
fnl4461	19.11	29	0.01%	122127	23.50%	1228007	54.39%
rl5915	19.67	42	0.01%	175568	18.08%	1743452	50.93%
rl5934	19.68	42	0.01%	176363	18.36%	1750842	50.71%
brd14051	21.40	109	0.00%	452401	10.19%	4485125	41.64%
d15112	21.55	118	0.00%	495194	10.01%	4898465	41.06%

QAP

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
bur26a	8.78	0	1.24%	207	64.62%	2091	63.08%
bur26b	8.78	0	1.33%	191	63.97%	1946	62.33%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
bur26c	8.78	0	1.30%	211	64.69%	2126	62.95%
bur26d	8.78	0	1.33%	200	64.45%	1997	62.61%
bur26e	8.78	0	1.37%	212	64.85%	2165	63.14%
bur26f	8.78	0	1.37%	197	64.44%	2009	63.00%
bur26g	8.78	0	1.33%	215	64.76%	2153	63.34%
bur26h	8.78	0	1.39%	201	64.56%	2012	62.61%
chr12a	7.19	0	1.89%	63	56.57%	653	53.35%
chr12b	7.19	0	2.13%	69	55.47%	707	52.69%
chr12c	7.19	0	1.95%	59	55.88%	594	52.27%
chr15a	7.65	0	1.48%	78	57.25%	804	55.02%
chr15b	7.65	0	1.59%	87	58.83%	894	56.60%
chr15c	7.65	0	1.46%	78	58.08%	816	55.87%
chr18a	8.03	0	1.24%	109	60.46%	1126	58.47%
chr18b	8.03	0	1.10%	106	60.35%	1073	58.00%
chr20a	8.24	0	1.06%	121	61.02%	1227	59.12%
chr20b	8.24	0	0.96%	109	60.63%	1096	58.90%
chr20c	8.24	0	1.33%	135	59.85%	1377	57.30%
chr22a	8.44	0	1.02%	142	62.28%	1531	60.72%
chr22b	8.44	0	0.95%	134	62.00%	1362	60.57%
chr25a	8.70	0	0.92%	173	62.19%	1743	60.61%
els19	8.14	0	1.89%	140	62.01%	1413	59.90%
esc16a	7.78	0	0.82%	46	57.07%	456	54.10%
esc16b	7.78	0	0.60%	26	53.04%	261	50.42%
esc16c	7.78	0	1.03%	54	57.82%	538	54.77%
esc16d	7.78	0	0.72%	42	56.96%	417	54.52%
esc16e	7.78	0	0.60%	37	57.15%	374	54.23%
esc16f	7.78	0	0.00%	0	0.00%	0	0.00%
esc16g	7.78	0	0.66%	41	56.11%	406	53.41%
esc16h	7.78	0	1.01%	43	51.77%	427	47.88%
esc16i	7.78	0	0.76%	35	52.57%	350	49.10%
esc16j	7.78	0	0.52%	30	57.11%	298	54.56%
esc32a	9.20	0	0.46%	172	64.15%	1761	63.27%
esc32b	9.20	0	0.43%	152	65.15%	1546	64.20%
esc32c	9.20	0	0.49%	104	61.81%	1041	59.33%
esc32d	9.20	0	0.38%	120	63.69%	1216	62.27%
esc32e	9.20	0	0.13%	28	50.39%	281	46.83%
esc32g	9.20	0	0.15%	33	54.47%	327	51.25%
esc32h	9.20	0	0.44%	127	63.69%	1287	61.99%
esc64a	10.60	0	0.11%	119	59.10%	1189	62.45%
esc128	12.00	0	0.04%	226	51.23%	2254	65.56%
had12	7.19	0	2.01%	66	57.75%	677	55.60%
had14	7.51	0	1.99%	87	59.86%	876	57.86%
had16	7.78	0	1.72%	107	60.55%	1069	58.15%
had18	8.03	0	1.46%	123	61.97%	1258	60.37%
had20	8.24	0	1.42%	145	62.96%	1459	61.20%
kra30a	9.07	0	0.78%	245	63.61%	2516	62.66%
kra30b	9.07	0	0.77%	243	63.72%	2493	62.63%
kra32	9.20	0	0.70%	265	63.89%	2724	62.94%
lipa20a	8.24	0	0.98%	134	61.19%	1439	59.05%
lipa20b	8.24	0	1.04%	162	59.58%	1658	57.14%
lipa30a	9.07	0	0.63%	236	62.39%	2663	60.54%
lipa30b	9.07	0	0.69%	289	60.88%	2970	58.61%
lipa40a	9.66	0	0.46%	311	62.65%	3531	61.99%
lipa40b	9.66	0	0.50%	442	61.50%	4384	59.87%
lipa50a	10.11	0	0.37%	407	62.41%	4937	62.28%
lipa50b	10.11	0	0.39%	584	61.74%	5902	60.55%
lipa60a	10.47	0	0.30%	490	62.22%	5653	62.59%
lipa60b	10.47	0	0.31%	625	61.73%	7535	61.09%
lipa70a	10.79	0	0.25%	601	61.85%	6869	62.92%
lipa70b	10.79	0	0.26%	787	61.46%	9268	61.37%
lipa80a	11.05	0	0.21%	682	61.19%	7128	62.90%
lipa80b	11.05	0	0.22%	834	61.18%	11056	61.72%
lipa90a	11.29	0	0.20%	808	60.98%	8593	63.06%
lipa90b	11.29	0	0.20%	911	60.77%	12978	62.00%
nug12	7.19	0	1.74%	58	57.38%	590	54.82%
nug14	7.51	0	1.59%	79	59.63%	827	57.60%
nug15	7.65	0	1.47%	87	59.58%	900	58.18%
nug16a	7.78	0	1.42%	99	60.60%	1005	58.84%
nug16b	7.78	0	1.32%	97	59.80%	982	57.84%
nug17	7.91	0	1.34%	105	60.90%	1088	59.17%
nug18	8.03	0	1.24%	113	61.03%	1137	59.30%
nug20	8.24	0	1.12%	134	61.50%	1381	60.11%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
nug21	8.34	0	1.17%	147	62.15%	1516	60.85%
nug22	8.44	0	1.26%	166	63.00%	1686	61.42%
nug24	8.62	0	1.01%	180	62.60%	1837	61.35%
nug25	8.70	0	0.92%	191	62.87%	1950	61.44%
nug27	8.86	0	0.96%	219	63.61%	2247	62.49%
nug28	8.93	0	0.85%	222	63.28%	2319	62.28%
nug30	9.07	0	0.82%	254	63.49%	2563	62.59%
rou12	7.19	0	1.82%	63	57.10%	645	55.25%
rou15	7.65	0	1.45%	83	59.59%	871	57.58%
rou20	8.24	0	1.05%	121	61.30%	1273	59.40%
scr12	7.19	0	1.99%	64	57.89%	656	55.30%
scr15	7.65	0	1.69%	95	60.05%	963	58.03%
scr20	8.24	0	1.29%	140	61.80%	1422	60.18%
sko42	9.75	0	0.60%	409	63.81%	4191	63.45%
sko49	10.07	0	0.52%	498	63.69%	5087	63.78%
sko56	10.34	0	0.47%	606	63.53%	6180	63.91%
sko64	10.60	0	0.41%	731	63.44%	7388	64.15%
sko72	10.84	0	0.37%	848	63.04%	8615	64.20%
sko81	11.08	0	0.33%	993	63.00%	10020	64.26%
sko90	11.29	0	0.31%	1134	62.73%	11546	64.26%
sko100a	11.50	0	0.28%	1303	62.49%	13243	64.28%
sko100b	11.50	0	0.27%	1307	62.50%	13216	64.33%
sko100c	11.50	0	0.28%	1315	62.46%	13343	64.35%
sko100d	11.50	0	0.27%	1302	62.53%	13217	64.34%
sko100e	11.50	0	0.27%	1323	62.41%	13380	64.26%
sko100f	11.50	0	0.26%	1299	62.50%	13245	64.31%
ste36a	9.44	0	0.77%	335	64.42%	3431	63.49%
ste36b	9.44	0	0.86%	348	64.68%	3552	63.96%
ste36c	9.44	0	0.86%	345	64.59%	3509	63.81%
tai10a	6.80	0	2.35%	48	55.06%	494	51.85%
tai10b	6.80	0	2.73%	53	54.75%	559	51.90%
tai12a	7.19	0	1.88%	67	57.54%	695	55.21%
tai12b	7.19	0	2.35%	64	54.93%	647	51.99%
tai15a	7.65	0	1.39%	81	59.35%	826	57.07%
tai15b	7.65	0	1.91%	97	59.59%	996	57.31%
tai17a	7.91	0	1.28%	96	60.22%	986	58.50%
tai20a	8.24	0	1.00%	119	60.68%	1202	59.17%
tai20b	8.24	0	1.59%	138	57.36%	1391	54.55%
tai25a	8.70	0	0.79%	158	61.72%	1632	60.26%
tai25b	8.70	0	1.34%	218	64.93%	2207	63.16%
tai30a	9.07	0	0.69%	207	62.24%	2096	61.27%
tai30b	9.07	0	1.26%	276	65.15%	2807	63.80%
tai35a	9.38	0	0.56%	252	62.54%	2519	61.63%
tai35b	9.38	0	1.05%	347	66.54%	3504	65.65%
tai40a	9.66	0	0.47%	298	62.38%	3068	61.94%
tai40b	9.66	0	0.98%	421	66.41%	4249	65.79%
tai50a	10.11	0	0.38%	401	62.16%	4072	62.29%
tai50b	10.11	0	0.79%	568	66.37%	5697	66.35%
tai60a	10.47	0	0.30%	501	61.73%	5108	62.48%
tai60b	10.47	0	0.69%	734	66.83%	7368	67.14%
tai64c	10.60	0	0.08%	85	54.10%	872	58.74%
tai80a	11.05	0	0.22%	706	61.13%	7325	62.69%
tai80b	11.05	0	0.49%	1046	65.58%	10536	66.64%
tai100a	11.50	0	0.17%	943	60.35%	9723	62.75%
tai100b	11.50	0	0.39%	1402	64.99%	14094	66.77%
tai150b	12.32	1	0.25%	2300	63.16%	23068	66.17%
tai256c	13.39	0	0.02%	505	37.31%	5035	59.48%
tho30	9.07	0	0.92%	262	63.53%	2655	62.59%
tho40	9.66	0	0.66%	380	63.49%	3924	63.01%
tho150	12.32	1	0.20%	2233	61.08%	22656	64.09%
wil50	10.11	0	0.53%	525	64.14%	5284	64.04%
wil100	11.50	0	0.26%	1301	62.52%	13325	64.34%

PFSP

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
tai001 – 020×05	8.88	0	0.14%	66	54.58%	791	51.88%
tai002 – 020×05	8.88	0	0.09%	62	57.09%	656	54.71%
tai003 – 020×05	8.88	0	0.28%	107	60.34%	1180	58.58%
tai004 – 020×05	8.88	0	0.25%	118	61.60%	1237	60.45%
tai005 – 020×05	8.88	0	0.24%	91	57.83%	923	55.68%
tai006 – 020×05	8.88	0	0.22%	88	58.68%	984	56.24%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
tai007 – 020×05	8.88	0	0.20%	65	56.14%	651	53.23%
tai008 – 020×05	8.88	0	0.22%	107	60.87%	1107	59.38%
tai009 – 020×05	8.88	0	0.29%	104	60.07%	1056	58.02%
tai010 – 020×05	8.88	0	0.26%	110	60.79%	1100	59.29%
tai011 – 020×10	8.88	0	0.34%	132	62.57%	1350	61.72%
tai012 – 020×10	8.88	0	0.37%	129	62.52%	1292	61.22%
tai013 – 020×10	8.88	0	0.24%	126	62.83%	1299	61.42%
tai014 – 020×10	8.88	0	0.27%	126	62.44%	1302	60.90%
tai015 – 020×10	8.88	0	0.29%	131	62.58%	1348	61.11%
tai016 – 020×10	8.88	0	0.26%	121	61.94%	1294	60.96%
tai017 – 020×10	8.88	0	0.29%	129	62.73%	1338	61.53%
tai018 – 020×10	8.88	0	0.24%	123	62.42%	1254	60.61%
tai019 – 020×10	8.88	0	0.21%	110	60.42%	1160	59.75%
tai020 – 020×10	8.88	0	0.27%	123	62.70%	1253	61.25%
tai021 – 020×20	8.88	0	0.32%	125	62.58%	1307	61.35%
tai022 – 020×20	8.88	0	0.25%	130	62.68%	1346	61.37%
tai023 – 020×20	8.88	0	0.26%	122	62.30%	1248	61.01%
tai024 – 020×20	8.88	0	0.23%	133	62.86%	1337	61.47%
tai025 – 020×20	8.88	0	0.32%	124	62.56%	1267	61.35%
tai026 – 020×20	8.88	0	0.31%	126	62.50%	1273	61.02%
tai027 – 020×20	8.88	0	0.28%	127	62.67%	1300	61.39%
tai028 – 020×20	8.88	0	0.25%	125	62.63%	1310	61.43%
tai029 – 020×20	8.88	0	0.26%	126	62.22%	1307	61.13%
tai030 – 020×20	8.88	0	0.31%	133	62.34%	1355	61.29%
tai031 – 050×05	10.78	0	0.01%	94	51.73%	960	57.98%
tai032 – 050×05	10.78	0	0.02%	131	51.66%	1435	58.27%
tai033 – 050×05	10.78	0	0.03%	133	55.17%	1374	61.48%
tai034 – 050×05	10.78	0	0.02%	130	53.26%	1400	59.58%
tai035 – 050×05	10.78	0	0.02%	100	52.17%	999	56.91%
tai036 – 050×05	10.78	0	0.02%	129	55.83%	1311	60.63%
tai037 – 050×05	10.78	0	0.04%	155	55.11%	1583	59.25%
tai038 – 050×05	10.78	0	0.03%	128	55.47%	1391	60.16%
tai039 – 050×05	10.78	0	0.03%	138	55.61%	1395	61.10%
tai040 – 050×05	10.78	0	0.02%	110	54.97%	1091	62.18%
tai041 – 050×10	10.78	0	0.05%	260	59.54%	2980	63.34%
tai042 – 050×10	10.78	0	0.06%	294	59.73%	3045	63.54%
tai043 – 050×10	10.78	0	0.07%	332	61.22%	3492	64.48%
tai044 – 050×10	10.78	0	0.07%	269	59.83%	2846	63.90%
tai045 – 050×10	10.78	0	0.07%	304	60.35%	3251	64.30%
tai046 – 050×10	10.78	0	0.06%	255	59.18%	2848	63.30%
tai047 – 050×10	10.78	0	0.07%	236	57.50%	2469	61.68%
tai048 – 050×10	10.78	0	0.09%	269	59.74%	2806	63.71%
tai049 – 050×10	10.78	0	0.06%	293	59.43%	3165	63.86%
tai050 – 050×10	10.78	0	0.07%	280	59.07%	3032	63.16%
tai051 – 050×20	10.78	0	0.05%	353	61.05%	3695	64.59%
tai052 – 050×20	10.78	0	0.06%	360	61.19%	3913	64.59%
tai053 – 050×20	10.78	0	0.07%	349	60.88%	3712	64.17%
tai054 – 050×20	10.78	0	0.08%	357	61.27%	3763	64.34%
tai055 – 050×20	10.78	0	0.06%	375	61.38%	3931	64.33%
tai056 – 050×20	10.78	0	0.07%	351	61.42%	3676	64.31%
tai057 – 050×20	10.78	0	0.07%	363	61.02%	3843	64.41%
tai058 – 050×20	10.78	0	0.06%	360	61.02%	3806	64.27%
tai059 – 050×20	10.78	0	0.06%	362	61.63%	3825	64.42%
tai060 – 050×20	10.78	0	0.09%	339	60.70%	3714	64.09%
tai061 – 100×05	12.19	0	0.01%	120	37.98%	1193	58.49%
tai062 – 100×05	12.19	0	0.00%	116	36.62%	1185	57.26%
tai063 – 100×05	12.19	0	0.01%	158	36.50%	1675	57.69%
tai064 – 100×05	12.19	0	0.00%	132	34.55%	1329	58.15%
tai065 – 100×05	12.19	0	0.00%	153	37.31%	1525	59.18%
tai066 – 100×05	12.19	0	0.00%	127	36.59%	1281	57.61%
tai067 – 100×05	12.19	0	0.00%	146	36.76%	1461	59.49%
tai068 – 100×05	12.19	0	0.01%	164	37.06%	1723	59.55%
tai069 – 100×05	12.19	0	0.01%	157	39.54%	1544	58.41%
tai070 – 100×05	12.19	0	0.00%	153	36.73%	1549	57.62%
tai071 – 100×10	12.19	0	0.01%	361	49.00%	3679	63.67%
tai072 – 100×10	12.19	0	0.02%	347	49.60%	3465	63.43%
tai073 – 100×10	12.19	0	0.01%	315	49.20%	3074	63.41%
tai074 – 100×10	12.19	0	0.02%	399	51.09%	4049	63.69%
tai075 – 100×10	12.19	0	0.02%	408	50.99%	4059	63.74%
tai076 – 100×10	12.19	0	0.02%	326	50.46%	3278	63.82%
tai077 – 100×10	12.19	0	0.02%	317	46.48%	3227	63.36%
tai078 – 100×10	12.19	0	0.01%	344	47.03%	3579	62.35%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
tai079 – 100×10	12.19	0	0.01%	298	40.68%	3095	60.59%
tai080 – 100×10	12.19	0	0.01%	236	48.31%	2350	61.27%
tai081 – 100×20	12.19	0	0.03%	623	53.25%	6653	64.22%
tai082 – 100×20	12.19	0	0.03%	607	53.26%	6309	64.37%
tai083 – 100×20	12.19	0	0.03%	618	53.26%	6357	64.15%
tai084 – 100×20	12.19	0	0.02%	530	53.41%	5330	63.85%
tai085 – 100×20	12.19	0	0.02%	559	52.07%	5680	63.48%
tai086 – 100×20	12.19	0	0.03%	557	54.15%	5581	63.67%
tai087 – 100×20	12.19	0	0.03%	662	53.46%	6603	64.28%
tai088 – 100×20	12.19	0	0.02%	663	53.51%	6826	64.04%
tai089 – 100×20	12.19	0	0.02%	653	54.02%	6823	64.15%
tai090 – 100×20	12.19	0	0.02%	509	50.72%	5238	63.54%
tai091 – 200×10	13.58	0	0.00%	335	22.73%	3265	54.64%
tai092 – 200×10	13.58	0	0.01%	537	29.99%	5359	59.79%
tai093 – 200×10	13.58	0	0.00%	390	27.83%	3528	57.92%
tai094 – 200×10	13.58	0	0.00%	305	20.05%	3091	52.10%
tai095 – 200×10	13.58	0	0.00%	510	33.74%	5031	60.23%
tai096 – 200×10	13.58	0	0.00%	458	31.29%	4583	59.73%
tai097 – 200×10	13.58	0	0.00%	406	26.40%	4019	56.87%
tai098 – 200×10	13.58	0	0.00%	408	30.12%	3977	58.79%
tai099 – 200×10	13.58	0	0.00%	494	33.02%	4845	60.60%
tai100 – 200×10	13.58	0	0.00%	418	29.41%	4134	58.56%
tai101 – 200×20	13.58	0	0.01%	912	37.24%	8967	61.69%
tai102 – 200×20	13.58	0	0.01%	1100	39.43%	10954	62.27%
tai103 – 200×20	13.58	0	0.01%	928	41.68%	9194	62.55%
tai104 – 200×20	13.58	0	0.01%	889	37.84%	9236	62.15%
tai105 – 200×20	13.58	0	0.01%	944	37.42%	9314	61.83%
tai106 – 200×20	13.58	0	0.01%	939	40.16%	9200	62.00%
tai107 – 200×20	13.58	0	0.01%	1038	40.51%	10397	62.14%
tai108 – 200×20	13.58	0	0.01%	926	37.84%	9278	61.99%
tai109 – 200×20	13.58	0	0.01%	969	39.40%	9478	61.92%
tai110 – 200×20	13.58	0	0.01%	1035	40.38%	10565	62.88%
tai111 – 500×20	15.42	0	0.00%	1690	15.25%	16398	51.42%
tai112 – 500×20	15.42	0	0.00%	1524	14.05%	14608	49.34%
tai113 – 500×20	15.42	0	0.00%	1416	14.23%	13895	49.18%
tai114 – 500×20	15.42	0	0.00%	1418	13.12%	13969	46.31%
tai115 – 500×20	15.42	0	0.00%	1501	13.36%	14544	48.82%
tai116 – 500×20	15.42	0	0.00%	1584	14.73%	15453	49.81%
tai117 – 500×20	15.42	0	0.00%	1228	14.91%	12000	49.78%
tai118 – 500×20	15.42	0	0.00%	1462	14.71%	14308	49.46%
tai119 – 500×20	15.42	0	0.00%	1569	14.93%	15155	50.61%
tai120 – 500×20	15.42	0	0.00%	1427	14.82%	13944	50.39%
vfr001 – 10×05	7.39	0	0.33%	28	44.98%	281	41.77%
vfr001 – 10×10	7.39	0	0.95%	47	54.78%	486	52.76%
vfr001 – 10×15	7.39	0	0.57%	50	55.17%	506	51.76%
vfr001 – 10×20	7.39	0	1.07%	54	56.14%	548	52.90%
vfr001 – 20×05	8.88	0	0.24%	90	59.42%	903	57.13%
vfr001 – 20×10	8.88	0	0.39%	120	62.37%	1220	60.76%
vfr001 – 20×15	8.88	0	0.29%	128	62.64%	1325	60.60%
vfr001 – 20×20	8.88	0	0.26%	134	62.98%	1366	61.29%
vfr001 – 30×05	9.73	0	0.08%	86	57.85%	896	56.94%
vfr001 – 30×10	9.73	0	0.12%	177	61.74%	1945	62.13%
vfr001 – 30×15	9.73	0	0.15%	197	62.78%	2103	62.88%
vfr001 – 30×20	9.73	0	0.14%	201	63.02%	2068	62.92%
vfr001 – 40×05	10.32	0	0.02%	71	52.03%	705	53.81%
vfr001 – 40×10	10.32	0	0.08%	233	61.27%	2441	62.72%
vfr001 – 40×15	10.32	0	0.07%	263	61.76%	2896	63.97%
vfr001 – 40×20	10.32	0	0.10%	268	61.42%	2823	63.78%
vfr001 – 50×05	10.78	0	0.01%	86	49.88%	857	54.42%
vfr001 – 50×10	10.78	0	0.06%	320	60.60%	3357	64.07%
vfr001 – 50×15	10.78	0	0.07%	332	60.92%	3536	64.02%
vfr001 – 50×20	10.78	0	0.06%	354	60.87%	3686	64.06%
vfr001 – 60×05	11.15	0	0.01%	116	50.82%	1163	58.15%
vfr001 – 60×10	11.15	0	0.06%	337	59.60%	3424	64.06%
vfr001 – 60×15	11.15	0	0.04%	373	58.36%	3901	64.38%
vfr001 – 60×20	11.15	0	0.05%	448	59.98%	4754	64.68%
vfr001 – 100×20	12.19	0	0.03%	713	53.53%	7526	64.41%
vfr001 – 100×40	12.19	0	0.02%	735	54.41%	7713	64.06%
vfr001 – 100×60	12.19	0	0.03%	703	55.83%	7382	63.94%
vfr001 – 200×20	13.58	0	0.01%	1093	40.03%	10918	62.33%
vfr001 – 200×40	13.58	0	0.01%	1476	36.93%	15597	62.20%
vfr001 – 200×60	13.58	0	0.01%	1455	39.28%	15571	62.24%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr001 – 300×20	14.40	0	0.00%	1420	29.84%	14107	60.23%
vfr001 – 300×40	14.40	0	0.00%	2173	26.49%	22538	59.14%
vfr001 – 300×60	14.40	0	0.00%	2149	24.92%	22956	58.37%
vfr001 – 400×20	14.97	0	0.00%	1701	22.03%	16720	57.12%
vfr001 – 400×40	14.97	0	0.00%	2675	21.45%	27021	57.07%
vfr001 – 400×60	14.97	0	0.00%	2888	17.94%	30424	54.87%
vfr001 – 500×20	15.42	0	0.00%	1699	14.13%	16493	50.50%
vfr001 – 500×40	15.42	0	0.00%	3019	17.56%	30288	54.25%
vfr001 – 500×60	15.42	0	0.00%	3586	12.23%	37617	50.19%
vfr001 – 600×20	15.79	0	0.00%	1821	12.02%	17557	47.53%
vfr001 – 600×40	15.79	0	0.00%	3512	13.44%	35165	49.68%
vfr001 – 600×60	15.79	0	0.00%	4105	11.41%	42165	48.33%
vfr001 – 700×20	16.10	0	0.00%	1748	9.29%	16695	43.51%
vfr001 – 700×40	16.10	0	0.00%	3743	11.23%	36664	46.31%
vfr001 – 700×60	16.10	1	0.00%	4832	8.91%	49883	42.75%
vfr001 – 800×20	16.36	0	0.00%	1646	7.14%	16098	37.24%
vfr001 – 800×40	16.36	1	0.00%	4321	8.65%	42060	43.72%
vfr001 – 800×60	16.36	1	0.00%	5231	7.64%	52676	42.11%
vfr002 – 10×05	7.39	0	0.69%	42	53.65%	434	51.26%
vfr002 – 10×10	7.39	0	0.56%	33	47.37%	330	43.42%
vfr002 – 10×15	7.39	0	1.03%	52	55.37%	525	52.31%
vfr002 – 10×20	7.39	0	0.76%	49	55.75%	492	52.86%
vfr002 – 20×05	8.88	0	0.15%	66	56.94%	796	53.20%
vfr002 – 20×10	8.88	0	0.26%	128	61.90%	1319	60.68%
vfr002 – 20×15	8.88	0	0.27%	130	62.54%	1331	60.90%
vfr002 – 20×20	8.88	0	0.26%	127	62.56%	1299	61.32%
vfr002 – 30×05	9.73	0	0.11%	119	58.13%	1265	58.24%
vfr002 – 30×10	9.73	0	0.12%	189	62.70%	2041	63.14%
vfr002 – 30×15	9.73	0	0.15%	193	62.31%	2051	62.45%
vfr002 – 30×20	9.73	0	0.12%	198	62.20%	2108	62.51%
vfr002 – 40×05	10.32	0	0.05%	109	55.67%	1150	58.14%
vfr002 – 40×10	10.32	0	0.08%	255	61.40%	2639	63.38%
vfr002 – 40×15	10.32	0	0.11%	277	61.97%	2916	63.71%
vfr002 – 40×20	10.32	0	0.09%	277	62.11%	2965	63.92%
vfr002 – 50×05	10.78	0	0.01%	61	45.73%	610	53.99%
vfr002 – 50×10	10.78	0	0.05%	226	58.65%	2580	62.46%
vfr002 – 50×15	10.78	0	0.08%	306	59.68%	3169	63.42%
vfr002 – 50×20	10.78	0	0.06%	348	61.26%	3670	64.34%
vfr002 – 60×05	11.15	0	0.03%	126	51.97%	1272	59.65%
vfr002 – 60×10	11.15	0	0.04%	317	57.42%	3274	63.78%
vfr002 – 60×15	11.15	0	0.05%	400	59.03%	4221	64.32%
vfr002 – 60×20	11.15	0	0.05%	431	59.47%	4548	64.30%
vfr002 – 100×20	12.19	0	0.02%	696	53.66%	7173	64.40%
vfr002 – 100×40	12.19	0	0.02%	738	54.29%	7744	64.06%
vfr002 – 100×60	12.19	0	0.02%	693	55.14%	7190	63.81%
vfr002 – 200×20	13.58	0	0.01%	1039	40.16%	10495	62.44%
vfr002 – 200×40	13.58	0	0.01%	1486	37.05%	15695	62.24%
vfr002 – 200×60	13.58	0	0.01%	1457	39.19%	15490	62.16%
vfr002 – 300×20	14.40	0	0.01%	1190	26.99%	11730	59.10%
vfr002 – 300×40	14.40	0	0.00%	2149	26.06%	22215	59.37%
vfr002 – 300×60	14.40	0	0.00%	2169	24.25%	22938	58.75%
vfr002 – 400×20	14.97	0	0.00%	1454	19.47%	13925	54.40%
vfr002 – 400×40	14.97	0	0.00%	2688	20.08%	27453	56.10%
vfr002 – 400×60	14.97	0	0.00%	2892	16.80%	30504	53.99%
vfr002 – 500×20	15.42	0	0.00%	1523	14.57%	14718	49.95%
vfr002 – 500×40	15.42	0	0.00%	3180	16.87%	31450	55.31%
vfr002 – 500×60	15.42	0	0.00%	3593	11.81%	37206	50.27%
vfr002 – 600×20	15.79	0	0.00%	1641	11.10%	15841	45.00%
vfr002 – 600×40	15.79	0	0.00%	3361	13.55%	33149	51.10%
vfr002 – 600×60	15.79	0	0.00%	4187	10.81%	43472	47.62%
vfr002 – 700×20	16.10	0	0.00%	1775	9.85%	17174	42.06%
vfr002 – 700×40	16.10	1	0.00%	3936	11.28%	39066	47.85%
vfr002 – 700×60	16.10	1	0.00%	4664	9.64%	48216	44.06%
vfr002 – 800×20	16.36	0	0.00%	1853	7.18%	18161	36.86%
vfr002 – 800×40	16.36	1	0.00%	4102	9.34%	40275	43.31%
vfr002 – 800×60	16.36	1	0.00%	5362	7.16%	54474	39.78%
vfr003 – 10×05	7.39	0	0.86%	44	53.92%	443	50.68%
vfr003 – 10×10	7.39	0	0.63%	40	53.15%	411	49.99%
vfr003 – 10×15	7.39	0	0.71%	54	57.36%	553	54.81%
vfr003 – 10×20	7.39	0	0.71%	53	55.96%	528	53.74%
vfr003 – 20×05	8.88	0	0.18%	79	57.13%	797	54.66%
vfr003 – 20×10	8.88	0	0.22%	127	62.09%	1311	61.04%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr003 – 20×15	8.88	0	0.22%	129	62.54%	1323	61.33%
vfr003 – 20×20	8.88	0	0.26%	122	61.97%	1284	60.61%
vfr003 – 30×05	9.73	0	0.12%	109	58.32%	1125	58.13%
vfr003 – 30×10	9.73	0	0.14%	188	62.48%	2026	63.13%
vfr003 – 30×15	9.73	0	0.18%	207	62.69%	2159	62.89%
vfr003 – 30×20	9.73	0	0.20%	204	62.98%	2123	62.98%
vfr003 – 40×05	10.32	0	0.03%	125	56.13%	1257	57.79%
vfr003 – 40×10	10.32	0	0.11%	226	61.46%	2354	62.56%
vfr003 – 40×15	10.32	0	0.09%	278	62.47%	2949	63.96%
vfr003 – 40×20	10.32	0	0.07%	283	62.23%	2932	64.00%
vfr003 – 50×05	10.78	0	0.03%	105	54.65%	1047	62.40%
vfr003 – 50×10	10.78	0	0.07%	267	59.60%	2991	63.51%
vfr003 – 50×15	10.78	0	0.07%	349	60.91%	3694	64.15%
vfr003 – 50×20	10.78	0	0.07%	347	61.07%	3589	64.06%
vfr003 – 60×05	11.15	0	0.02%	123	50.76%	1253	59.91%
vfr003 – 60×10	11.15	0	0.06%	355	58.45%	3551	63.90%
vfr003 – 60×15	11.15	0	0.06%	420	59.68%	4443	64.62%
vfr003 – 60×20	11.15	0	0.05%	402	59.25%	4362	64.29%
vfr003 – 100×20	12.19	0	0.03%	722	53.51%	7514	64.51%
vfr003 – 100×40	12.19	0	0.02%	715	53.76%	7533	64.00%
vfr003 – 100×60	12.19	0	0.02%	706	55.84%	7478	63.89%
vfr003 – 200×20	13.58	0	0.01%	1139	39.94%	11312	62.93%
vfr003 – 200×40	13.58	0	0.01%	1477	37.50%	15516	62.15%
vfr003 – 200×60	13.58	0	0.01%	1413	37.80%	15344	61.93%
vfr003 – 300×20	14.40	0	0.01%	1448	29.33%	14527	60.28%
vfr003 – 300×40	14.40	0	0.00%	2082	26.63%	21094	59.80%
vfr003 – 300×60	14.40	0	0.00%	2165	24.64%	23019	58.69%
vfr003 – 400×20	14.97	0	0.00%	1229	20.48%	12095	54.00%
vfr003 – 400×40	14.97	0	0.00%	2657	20.08%	26943	56.86%
vfr003 – 400×60	14.97	0	0.00%	2873	17.53%	29982	54.65%
vfr003 – 500×20	15.42	0	0.00%	1557	14.06%	15152	49.49%
vfr003 – 500×40	15.42	0	0.00%	3155	16.23%	31468	53.39%
vfr003 – 500×60	15.42	0	0.00%	3564	12.51%	37393	49.82%
vfr003 – 600×20	15.79	0	0.00%	1793	12.20%	17219	48.55%
vfr003 – 600×40	15.79	0	0.00%	3530	13.52%	34991	51.96%
vfr003 – 600×60	15.79	0	0.00%	4200	10.17%	43701	44.93%
vfr003 – 700×20	16.10	0	0.00%	1658	8.75%	15752	41.00%
vfr003 – 700×40	16.10	1	0.00%	4038	10.58%	39738	48.33%
vfr003 – 700×60	16.10	1	0.00%	4765	8.83%	48591	44.39%
vfr003 – 800×20	16.36	0	0.00%	2021	7.67%	19556	39.17%
vfr003 – 800×40	16.36	1	0.00%	4337	8.88%	42789	43.79%
vfr003 – 800×60	16.36	1	0.00%	5389	6.91%	54573	40.17%
vfr004 – 10×05	7.39	0	0.46%	35	51.41%	364	47.39%
vfr004 – 10×10	7.39	0	0.65%	54	55.91%	544	53.35%
vfr004 – 10×15	7.39	0	0.78%	51	53.40%	514	50.16%
vfr004 – 10×20	7.39	0	0.81%	54	56.75%	551	53.62%
vfr004 – 20×05	8.88	0	0.21%	120	61.70%	1286	60.44%
vfr004 – 20×10	8.88	0	0.23%	128	62.54%	1332	61.26%
vfr004 – 20×15	8.88	0	0.27%	118	61.75%	1232	60.48%
vfr004 – 20×20	8.88	0	0.28%	129	62.36%	1334	61.02%
vfr004 – 30×05	9.73	0	0.06%	75	53.92%	757	53.34%
vfr004 – 30×10	9.73	0	0.15%	194	62.78%	2062	62.92%
vfr004 – 30×15	9.73	0	0.14%	203	62.89%	2118	63.01%
vfr004 – 30×20	9.73	0	0.15%	198	62.93%	2070	63.01%
vfr004 – 40×05	10.32	0	0.08%	109	57.92%	1091	59.06%
vfr004 – 40×10	10.32	0	0.09%	242	61.32%	2476	63.19%
vfr004 – 40×15	10.32	0	0.10%	263	61.98%	2879	63.59%
vfr004 – 40×20	10.32	0	0.08%	273	62.19%	2851	63.61%
vfr004 – 50×05	10.78	0	0.02%	116	53.33%	1268	59.54%
vfr004 – 50×10	10.78	0	0.07%	301	60.88%	3112	63.62%
vfr004 – 50×15	10.78	0	0.06%	341	61.03%	3626	64.30%
vfr004 – 50×20	10.78	0	0.06%	370	61.34%	3883	64.35%
vfr004 – 60×05	11.15	0	0.02%	131	51.20%	1297	57.97%
vfr004 – 60×10	11.15	0	0.05%	331	59.45%	3390	64.26%
vfr004 – 60×15	11.15	0	0.06%	426	59.38%	4396	64.09%
vfr004 – 60×20	11.15	0	0.05%	441	60.00%	4682	64.35%
vfr004 – 100×20	12.19	0	0.02%	682	53.60%	7228	64.49%
vfr004 – 100×40	12.19	0	0.02%	739	53.75%	7776	64.18%
vfr004 – 100×60	12.19	0	0.02%	722	55.55%	7489	64.09%
vfr004 – 200×20	13.58	0	0.01%	1126	40.62%	11367	62.96%
vfr004 – 200×40	13.58	0	0.01%	1485	36.81%	15729	61.96%
vfr004 – 200×60	13.58	0	0.01%	1446	38.67%	15480	61.94%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr004 – 300×20	14.40	0	0.00%	1368	28.70%	13594	59.58%
vfr004 – 300×40	14.40	0	0.00%	2135	27.07%	22149	59.64%
vfr004 – 300×60	14.40	0	0.00%	2139	25.35%	22866	58.23%
vfr004 – 400×20	14.97	0	0.00%	1488	21.67%	14504	55.43%
vfr004 – 400×40	14.97	0	0.00%	2802	19.32%	28280	56.30%
vfr004 – 400×60	14.97	0	0.00%	2872	16.58%	30210	54.24%
vfr004 – 500×20	15.42	0	0.00%	1520	15.58%	14507	50.63%
vfr004 – 500×40	15.42	0	0.00%	3060	16.90%	30382	54.61%
vfr004 – 500×60	15.42	0	0.00%	3503	13.67%	36770	50.42%
vfr004 – 600×20	15.79	0	0.00%	1603	11.43%	15544	45.72%
vfr004 – 600×40	15.79	0	0.00%	3510	12.66%	34768	50.42%
vfr004 – 600×60	15.79	0	0.00%	4185	10.02%	43552	45.95%
vfr004 – 700×20	16.10	0	0.00%	1549	8.84%	15174	41.16%
vfr004 – 700×40	16.10	1	0.00%	3885	11.32%	38027	48.03%
vfr004 – 700×60	16.10	1	0.00%	4749	8.78%	47990	44.61%
vfr004 – 800×20	16.36	0	0.00%	1843	7.61%	18447	35.88%
vfr004 – 800×40	16.36	1	0.00%	4076	9.22%	40150	44.68%
vfr004 – 800×60	16.36	1	0.00%	5363	7.06%	54702	39.77%
vfr005 – 10×05	7.39	0	1.01%	43	54.01%	433	50.90%
vfr005 – 10×10	7.39	0	0.66%	46	53.98%	462	52.17%
vfr005 – 10×15	7.39	0	0.73%	54	57.01%	549	54.48%
vfr005 – 10×20	7.39	0	0.74%	51	56.57%	525	53.48%
vfr005 – 20×05	8.88	0	0.19%	87	57.65%	873	55.12%
vfr005 – 20×10	8.88	0	0.30%	127	62.07%	1307	60.98%
vfr005 – 20×15	8.88	0	0.30%	129	62.20%	1336	61.50%
vfr005 – 20×20	8.88	0	0.38%	131	62.20%	1367	61.12%
vfr005 – 30×05	9.73	0	0.06%	66	54.74%	661	53.40%
vfr005 – 30×10	9.73	0	0.15%	157	60.74%	1800	60.77%
vfr005 – 30×15	9.73	0	0.13%	190	62.69%	1977	61.98%
vfr005 – 30×20	9.73	0	0.16%	201	63.15%	2129	63.16%
vfr005 – 40×05	10.32	0	0.06%	124	58.18%	1276	60.52%
vfr005 – 40×10	10.32	0	0.08%	240	61.62%	2559	63.51%
vfr005 – 40×15	10.32	0	0.10%	258	61.49%	2755	63.52%
vfr005 – 40×20	10.32	0	0.10%	283	62.36%	2973	63.68%
vfr005 – 50×05	10.78	0	0.03%	105	50.47%	1054	55.76%
vfr005 – 50×10	10.78	0	0.08%	219	58.93%	2255	63.11%
vfr005 – 50×15	10.78	0	0.06%	347	60.89%	3655	64.20%
vfr005 – 50×20	10.78	0	0.07%	364	61.20%	3818	64.08%
vfr005 – 60×05	11.15	0	0.03%	141	53.38%	1404	59.54%
vfr005 – 60×10	11.15	0	0.05%	365	58.76%	3776	64.10%
vfr005 – 60×15	11.15	0	0.06%	378	59.14%	3898	64.07%
vfr005 – 60×20	11.15	0	0.04%	437	59.66%	4575	64.53%
vfr005 – 100×20	12.19	0	0.03%	697	53.04%	7313	64.47%
vfr005 – 100×40	12.19	0	0.02%	716	54.52%	7670	64.24%
vfr005 – 100×60	12.19	0	0.02%	711	55.33%	7575	63.86%
vfr005 – 200×20	13.58	0	0.01%	1009	38.81%	10064	62.12%
vfr005 – 200×40	13.58	0	0.01%	1543	36.01%	16167	62.17%
vfr005 – 200×60	13.58	0	0.01%	1432	40.17%	15526	62.09%
vfr005 – 300×20	14.40	0	0.00%	1252	27.78%	12297	59.24%
vfr005 – 300×40	14.40	0	0.00%	2143	25.39%	22125	59.39%
vfr005 – 300×60	14.40	0	0.00%	2186	25.47%	22950	58.85%
vfr005 – 400×20	14.97	0	0.00%	1364	19.75%	13233	54.39%
vfr005 – 400×40	14.97	0	0.00%	2789	18.70%	28304	56.60%
vfr005 – 400×60	14.97	0	0.00%	2844	17.36%	30119	54.00%
vfr005 – 500×20	15.42	0	0.00%	1384	16.22%	13382	51.50%
vfr005 – 500×40	15.42	0	0.00%	3103	15.94%	30700	54.08%
vfr005 – 500×60	15.42	0	0.00%	3538	12.85%	36683	49.94%
vfr005 – 600×20	15.79	0	0.00%	1562	11.21%	15187	44.97%
vfr005 – 600×40	15.79	0	0.00%	3587	13.50%	35530	51.62%
vfr005 – 600×60	15.79	0	0.00%	4181	10.04%	42643	47.40%
vfr005 – 700×20	16.10	0	0.00%	1802	9.63%	17398	42.31%
vfr005 – 700×40	16.10	0	0.00%	3663	11.37%	35584	48.21%
vfr005 – 700×60	16.10	1	0.00%	4733	8.69%	48289	43.98%
vfr005 – 800×20	16.36	0	0.00%	1709	7.12%	16437	37.51%
vfr005 – 800×40	16.36	1	0.00%	4020	9.13%	39126	44.54%
vfr005 – 800×60	16.36	1	0.00%	5264	7.43%	53036	42.54%
vfr006 – 10×05	7.39	0	0.50%	33	48.55%	326	44.33%
vfr006 – 10×10	7.39	0	0.69%	36	49.94%	357	45.87%
vfr006 – 10×15	7.39	0	0.68%	50	56.42%	508	54.15%
vfr006 – 10×20	7.39	0	0.92%	41	50.16%	414	46.50%
vfr006 – 20×05	8.88	0	0.25%	99	60.54%	1018	58.63%
vfr006 – 20×10	8.88	0	0.28%	118	61.95%	1238	60.90%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr006 – 20×15	8.88	0	0.27%	133	62.35%	1388	61.39%
vfr006 – 20×20	8.88	0	0.28%	126	62.20%	1296	61.03%
vfr006 – 30×05	9.73	0	0.05%	47	52.43%	468	51.71%
vfr006 – 30×10	9.73	0	0.14%	195	62.73%	2062	62.86%
vfr006 – 30×15	9.73	0	0.13%	205	63.02%	2124	62.84%
vfr006 – 30×20	9.73	0	0.19%	194	63.07%	2045	62.76%
vfr006 – 40×05	10.32	0	0.04%	97	55.60%	972	56.95%
vfr006 – 40×10	10.32	0	0.07%	204	58.99%	2139	61.47%
vfr006 – 40×15	10.32	0	0.10%	264	61.92%	2789	63.67%
vfr006 – 40×20	10.32	0	0.10%	270	61.94%	2909	63.62%
vfr006 – 50×05	10.78	0	0.02%	105	48.31%	1169	56.93%
vfr006 – 50×10	10.78	0	0.06%	179	55.66%	1980	61.14%
vfr006 – 50×15	10.78	0	0.08%	363	61.37%	3795	64.39%
vfr006 – 50×20	10.78	0	0.06%	359	61.27%	3811	64.33%
vfr006 – 60×05	11.15	0	0.02%	137	51.42%	1393	59.48%
vfr006 – 60×10	11.15	0	0.06%	359	58.82%	3685	64.18%
vfr006 – 60×15	11.15	0	0.06%	440	60.11%	4672	64.82%
vfr006 – 60×20	11.15	0	0.05%	431	59.95%	4575	64.45%
vfr006 – 100×20	12.19	0	0.02%	704	53.37%	7358	64.47%
vfr006 – 100×40	12.19	0	0.02%	712	54.26%	7561	63.92%
vfr006 – 100×60	12.19	0	0.02%	691	55.32%	7280	63.98%
vfr006 – 200×20	13.58	0	0.01%	1161	38.29%	11668	62.29%
vfr006 – 200×40	13.58	0	0.01%	1489	36.82%	15730	62.02%
vfr006 – 200×60	13.58	0	0.01%	1439	38.43%	15705	62.13%
vfr006 – 300×20	14.40	0	0.00%	1312	28.74%	12744	59.85%
vfr006 – 300×40	14.40	0	0.00%	2146	25.26%	22430	59.08%
vfr006 – 300×60	14.40	0	0.00%	2164	25.64%	23053	58.70%
vfr006 – 400×20	14.97	0	0.00%	1635	20.27%	15903	55.83%
vfr006 – 400×40	14.97	0	0.00%	2737	19.66%	27898	56.53%
vfr006 – 400×60	14.97	0	0.00%	2881	17.35%	30363	54.34%
vfr006 – 500×20	15.42	0	0.00%	1492	14.41%	14816	50.25%
vfr006 – 500×40	15.42	0	0.00%	3134	16.92%	31904	53.81%
vfr006 – 500×60	15.42	0	0.00%	3550	12.97%	37030	50.27%
vfr006 – 600×20	15.79	0	0.00%	1660	10.40%	16067	43.94%
vfr006 – 600×40	15.79	0	0.00%	3495	13.43%	34303	50.36%
vfr006 – 600×60	15.79	0	0.00%	4177	10.52%	43125	46.86%
vfr006 – 700×20	16.10	0	0.00%	1664	9.36%	16248	43.34%
vfr006 – 700×40	16.10	0	0.00%	3715	12.02%	36785	48.15%
vfr006 – 700×60	16.10	1	0.00%	4778	8.21%	48716	44.04%
vfr006 – 800×20	16.36	0	0.00%	1519	6.38%	15016	35.31%
vfr006 – 800×40	16.36	1	0.00%	4290	8.72%	41994	44.90%
vfr006 – 800×60	16.36	1	0.00%	5357	7.03%	54939	39.73%
vfr007 – 10×05	7.39	0	0.66%	39	52.57%	398	50.48%
vfr007 – 10×10	7.39	0	0.62%	44	52.85%	446	50.00%
vfr007 – 10×15	7.39	0	0.65%	40	50.93%	403	47.03%
vfr007 – 10×20	7.39	0	0.59%	51	54.12%	519	51.42%
vfr007 – 20×05	8.88	0	0.21%	96	59.65%	1058	57.88%
vfr007 – 20×10	8.88	0	0.24%	127	62.16%	1309	61.09%
vfr007 – 20×15	8.88	0	0.31%	122	62.20%	1252	61.06%
vfr007 – 20×20	8.88	0	0.30%	129	62.22%	1341	60.75%
vfr007 – 30×05	9.73	0	0.03%	55	51.25%	552	49.58%
vfr007 – 30×10	9.73	0	0.12%	191	62.57%	2029	62.94%
vfr007 – 30×15	9.73	0	0.12%	198	62.89%	2045	62.76%
vfr007 – 30×20	9.73	0	0.12%	202	62.94%	2143	63.00%
vfr007 – 40×05	10.32	0	0.09%	126	58.61%	1258	59.71%
vfr007 – 40×10	10.32	0	0.08%	173	60.10%	1917	61.06%
vfr007 – 40×15	10.32	0	0.10%	262	61.91%	2857	63.67%
vfr007 – 40×20	10.32	0	0.06%	294	62.45%	3046	63.75%
vfr007 – 50×05	10.78	0	0.01%	99	53.39%	984	58.76%
vfr007 – 50×10	10.78	0	0.06%	257	60.10%	2599	63.77%
vfr007 – 50×15	10.78	0	0.06%	336	60.79%	3624	63.95%
vfr007 – 50×20	10.78	0	0.06%	357	61.06%	3762	64.17%
vfr007 – 60×05	11.15	0	0.03%	120	52.44%	1194	59.38%
vfr007 – 60×10	11.15	0	0.04%	329	58.34%	3418	64.31%
vfr007 – 60×15	11.15	0	0.05%	422	59.62%	4370	64.60%
vfr007 – 60×20	11.15	0	0.06%	414	59.44%	4425	64.33%
vfr007 – 100×20	12.19	0	0.03%	712	53.79%	7472	64.34%
vfr007 – 100×40	12.19	0	0.02%	719	54.49%	7672	63.98%
vfr007 – 100×60	12.19	0	0.02%	715	55.67%	7541	64.00%
vfr007 – 200×20	13.58	0	0.01%	1105	40.68%	11207	62.46%
vfr007 – 200×40	13.58	0	0.01%	1477	36.18%	15395	62.10%
vfr007 – 200×60	13.58	0	0.01%	1463	39.30%	15367	62.24%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr007 – 300×20	14.40	0	0.01%	1250	28.40%	12089	59.28%
vfr007 – 300×40	14.40	0	0.00%	2125	26.63%	22092	59.28%
vfr007 – 300×60	14.40	0	0.00%	2171	25.59%	22975	58.68%
vfr007 – 400×20	14.97	0	0.00%	1349	18.63%	13242	53.28%
vfr007 – 400×40	14.97	0	0.00%	2705	20.72%	27272	57.01%
vfr007 – 400×60	14.97	0	0.00%	2894	16.71%	30248	54.12%
vfr007 – 500×20	15.42	0	0.00%	1566	16.04%	15211	51.33%
vfr007 – 500×40	15.42	0	0.00%	2950	17.65%	29962	54.26%
vfr007 – 500×60	15.42	0	0.00%	3558	12.77%	37437	50.27%
vfr007 – 600×20	15.79	0	0.00%	1400	10.26%	13760	43.08%
vfr007 – 600×40	15.79	0	0.00%	3563	12.94%	35188	51.12%
vfr007 – 600×60	15.79	0	0.00%	4203	10.80%	43272	48.28%
vfr007 – 700×20	16.10	0	0.00%	1641	8.82%	15990	40.81%
vfr007 – 700×40	16.10	1	0.00%	3945	10.79%	38756	47.32%
vfr007 – 700×60	16.10	1	0.00%	4850	8.21%	49139	43.67%
vfr007 – 800×20	16.36	0	0.00%	1521	6.58%	14735	34.91%
vfr007 – 800×40	16.36	1	0.00%	4073	9.06%	39701	45.20%
vfr007 – 800×60	16.36	1	0.00%	5214	8.11%	52937	42.32%
vfr008 – 10×05	7.39	0	0.75%	46	52.94%	469	50.35%
vfr008 – 10×10	7.39	0	0.58%	46	54.61%	457	51.00%
vfr008 – 10×15	7.39	0	0.83%	50	52.87%	525	50.56%
vfr008 – 10×20	7.39	0	0.82%	46	56.03%	471	53.71%
vfr008 – 20×05	8.88	0	0.29%	113	61.41%	1168	60.07%
vfr008 – 20×10	8.88	0	0.18%	109	60.45%	1086	58.50%
vfr008 – 20×15	8.88	0	0.31%	131	62.43%	1341	60.86%
vfr008 – 20×20	8.88	0	0.23%	130	62.54%	1341	61.26%
vfr008 – 30×05	9.73	0	0.09%	115	59.38%	1251	59.72%
vfr008 – 30×10	9.73	0	0.14%	188	62.64%	2010	62.38%
vfr008 – 30×15	9.73	0	0.18%	208	63.11%	2135	63.06%
vfr008 – 30×20	9.73	0	0.12%	200	62.58%	2112	63.04%
vfr008 – 40×05	10.32	0	0.03%	83	54.73%	832	56.33%
vfr008 – 40×10	10.32	0	0.10%	211	61.34%	2311	62.61%
vfr008 – 40×15	10.32	0	0.11%	277	62.26%	2929	63.79%
vfr008 – 40×20	10.32	0	0.11%	280	62.55%	2901	63.72%
vfr008 – 50×05	10.78	0	0.01%	92	52.54%	915	56.88%
vfr008 – 50×10	10.78	0	0.05%	284	60.07%	2946	63.69%
vfr008 – 50×15	10.78	0	0.08%	348	60.90%	3691	64.28%
vfr008 – 50×20	10.78	0	0.06%	344	61.32%	3670	64.14%
vfr008 – 60×05	11.15	0	0.02%	144	52.40%	1426	60.37%
vfr008 – 60×10	11.15	0	0.03%	201	52.98%	1997	61.26%
vfr008 – 60×15	11.15	0	0.05%	393	59.69%	4218	64.54%
vfr008 – 60×20	11.15	0	0.05%	443	59.99%	4664	64.38%
vfr008 – 100×20	12.19	0	0.02%	713	53.66%	7402	64.39%
vfr008 – 100×40	12.19	0	0.02%	734	53.96%	7737	64.11%
vfr008 – 100×60	12.19	0	0.03%	700	55.21%	7426	63.95%
vfr008 – 200×20	13.58	0	0.01%	990	40.43%	9967	62.52%
vfr008 – 200×40	13.58	0	0.01%	1468	36.55%	15261	62.25%
vfr008 – 200×60	13.58	0	0.01%	1453	38.80%	15568	62.10%
vfr008 – 300×20	14.40	0	0.00%	1241	28.18%	12211	59.63%
vfr008 – 300×40	14.40	0	0.00%	2175	25.34%	22362	59.64%
vfr008 – 300×60	14.40	0	0.00%	2133	25.16%	22869	58.41%
vfr008 – 400×20	14.97	0	0.00%	1331	20.29%	13222	54.43%
vfr008 – 400×40	14.97	0	0.00%	2664	21.35%	27024	57.07%
vfr008 – 400×60	14.97	0	0.00%	2867	17.75%	30253	55.01%
vfr008 – 500×20	15.42	0	0.00%	1711	15.95%	16568	51.78%
vfr008 – 500×40	15.42	0	0.00%	3033	18.10%	30489	54.20%
vfr008 – 500×60	15.42	0	0.00%	3568	12.31%	37328	50.45%
vfr008 – 600×20	15.79	0	0.00%	1686	12.04%	16275	48.47%
vfr008 – 600×40	15.79	0	0.00%	3459	14.51%	33999	51.92%
vfr008 – 600×60	15.79	0	0.00%	4134	10.56%	42941	47.72%
vfr008 – 700×20	16.10	0	0.00%	1922	9.53%	18451	43.23%
vfr008 – 700×40	16.10	1	0.00%	3651	11.08%	36149	47.25%
vfr008 – 700×60	16.10	0	0.00%	4707	9.14%	47828	44.64%
vfr008 – 800×20	16.36	0	0.00%	1660	6.60%	16196	35.11%
vfr008 – 800×40	16.36	1	0.00%	4044	10.07%	39340	45.50%
vfr008 – 800×60	16.36	1	0.00%	5175	7.80%	51760	42.78%
vfr009 – 10×05	7.39	0	0.78%	47	52.96%	473	49.40%
vfr009 – 10×10	7.39	0	0.71%	51	54.96%	508	51.76%
vfr009 – 10×15	7.39	0	0.93%	43	52.82%	427	49.40%
vfr009 – 10×20	7.39	0	0.84%	56	56.28%	571	54.03%
vfr009 – 20×05	8.88	0	0.17%	79	56.38%	792	53.75%
vfr009 – 20×10	8.88	0	0.26%	126	62.10%	1324	60.94%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr009 – 20×15	8.88	0	0.28%	132	61.87%	1371	60.70%
vfr009 – 20×20	8.88	0	0.31%	127	62.19%	1300	61.12%
vfr009 – 30×05	9.73	0	0.05%	75	55.34%	751	54.07%
vfr009 – 30×10	9.73	0	0.17%	184	62.68%	1838	62.06%
vfr009 – 30×15	9.73	0	0.16%	215	63.01%	2216	63.07%
vfr009 – 30×20	9.73	0	0.14%	201	63.28%	2068	63.14%
vfr009 – 40×05	10.32	0	0.05%	116	54.71%	1159	56.24%
vfr009 – 40×10	10.32	0	0.07%	200	60.02%	2341	62.48%
vfr009 – 40×15	10.32	0	0.09%	291	62.67%	3052	63.98%
vfr009 – 40×20	10.32	0	0.09%	273	62.03%	2827	63.68%
vfr009 – 50×05	10.78	0	0.02%	112	54.84%	1121	59.52%
vfr009 – 50×10	10.78	0	0.06%	228	59.49%	2262	62.44%
vfr009 – 50×15	10.78	0	0.07%	344	60.51%	3633	63.97%
vfr009 – 50×20	10.78	0	0.06%	352	60.81%	3764	64.38%
vfr009 – 60×05	11.15	0	0.01%	137	50.92%	1410	59.05%
vfr009 – 60×10	11.15	0	0.03%	238	57.32%	2376	62.78%
vfr009 – 60×15	11.15	0	0.05%	370	59.14%	3927	64.31%
vfr009 – 60×20	11.15	0	0.06%	408	59.48%	4450	64.51%
vfr009 – 100×20	12.19	0	0.02%	677	53.09%	7124	64.27%
vfr009 – 100×40	12.19	0	0.02%	725	53.98%	7703	64.18%
vfr009 – 100×60	12.19	0	0.02%	684	55.38%	7156	63.87%
vfr009 – 200×20	13.58	0	0.01%	1074	39.48%	10813	62.74%
vfr009 – 200×40	13.58	0	0.01%	1496	37.02%	15942	62.07%
vfr009 – 200×60	13.58	0	0.01%	1450	39.01%	15566	62.23%
vfr009 – 300×20	14.40	0	0.01%	1226	27.40%	11889	59.08%
vfr009 – 300×40	14.40	0	0.00%	2119	26.80%	21503	59.64%
vfr009 – 300×60	14.40	0	0.00%	2153	25.21%	22882	58.20%
vfr009 – 400×20	14.97	0	0.00%	1369	19.31%	13352	54.47%
vfr009 – 400×40	14.97	0	0.00%	2728	19.96%	27910	56.66%
vfr009 – 400×60	14.97	0	0.00%	2880	17.70%	30507	54.09%
vfr009 – 500×20	15.42	0	0.00%	1647	14.64%	15873	50.22%
vfr009 – 500×40	15.42	0	0.00%	3212	15.86%	32295	53.93%
vfr009 – 500×60	15.42	0	0.00%	3560	13.16%	36966	49.28%
vfr009 – 600×20	15.79	0	0.00%	1511	12.32%	14725	47.31%
vfr009 – 600×40	15.79	0	0.00%	3594	13.63%	35762	52.58%
vfr009 – 600×60	15.79	0	0.00%	4140	10.97%	41771	47.90%
vfr009 – 700×20	16.10	0	0.00%	1707	8.20%	16658	40.60%
vfr009 – 700×40	16.10	1	0.00%	3789	10.90%	36880	48.20%
vfr009 – 700×60	16.10	1	0.00%	4788	8.71%	49037	43.43%
vfr009 – 800×20	16.36	0	0.00%	1441	6.47%	13696	36.38%
vfr009 – 800×40	16.36	1	0.00%	4059	9.03%	39436	43.77%
vfr009 – 800×60	16.36	1	0.00%	5267	7.57%	53273	40.83%
vfr010 – 10×05	7.39	0	0.54%	42	52.48%	424	48.86%
vfr010 – 10×10	7.39	0	0.86%	42	54.81%	429	51.59%
vfr010 – 10×15	7.39	0	0.72%	50	56.82%	511	54.37%
vfr010 – 10×20	7.39	0	0.75%	48	54.58%	485	51.48%
vfr010 – 20×05	8.88	0	0.25%	102	59.44%	1018	57.00%
vfr010 – 20×10	8.88	0	0.30%	127	62.25%	1313	61.19%
vfr010 – 20×15	8.88	0	0.25%	123	62.78%	1285	61.53%
vfr010 – 20×20	8.88	0	0.27%	120	61.85%	1268	61.19%
vfr010 – 30×05	9.73	0	0.10%	108	59.98%	1128	60.90%
vfr010 – 30×10	9.73	0	0.14%	185	62.34%	1996	62.58%
vfr010 – 30×15	9.73	0	0.15%	187	62.27%	1974	62.68%
vfr010 – 30×20	9.73	0	0.12%	203	62.84%	2093	62.76%
vfr010 – 40×05	10.32	0	0.04%	101	54.98%	1007	56.54%
vfr010 – 40×10	10.32	0	0.09%	225	61.30%	2422	63.27%
vfr010 – 40×15	10.32	0	0.10%	253	61.60%	2751	63.43%
vfr010 – 40×20	10.32	0	0.10%	278	61.99%	2881	63.72%
vfr010 – 50×05	10.78	0	0.02%	125	52.34%	1273	56.63%
vfr010 – 50×10	10.78	0	0.08%	231	59.63%	2424	62.24%
vfr010 – 50×15	10.78	0	0.08%	345	60.48%	3626	64.20%
vfr010 – 50×20	10.78	0	0.07%	361	60.99%	3864	64.28%
vfr010 – 60×05	11.15	0	0.00%	51	40.18%	508	52.58%
vfr010 – 60×10	11.15	0	0.06%	318	58.52%	3353	63.90%
vfr010 – 60×15	11.15	0	0.04%	373	59.39%	3870	64.30%
vfr010 – 60×20	11.15	0	0.05%	434	60.27%	4707	64.50%
vfr010 – 100×20	12.19	0	0.03%	649	53.73%	6819	64.36%
vfr010 – 100×40	12.19	0	0.02%	725	54.13%	7612	64.05%
vfr010 – 100×60	12.19	0	0.03%	680	55.22%	7149	63.85%
vfr010 – 200×20	13.58	0	0.01%	1147	40.68%	11555	62.92%
vfr010 – 200×40	13.58	0	0.01%	1462	35.90%	15467	61.96%
vfr010 – 200×60	13.58	0	0.01%	1441	39.05%	15475	62.13%

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Table 9: *Continued from previous page*

Dataset	$\beta \ln \lvert N(s) \rvert$	$L_h = 1$		$L_h = 5000$		$L_h = 50000$	
		$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$	$idle_r$ (10^3)	$idle_p$
vfr010 – 300×20	14.40	0	0.01%	989	27.35%	9623	58.88%
vfr010 – 300×40	14.40	0	0.00%	2127	26.55%	21993	59.46%
vfr010 – 300×60	14.40	0	0.00%	2156	25.76%	23066	58.37%
vfr010 – 400×20	14.97	0	0.00%	1423	20.34%	13730	55.30%
vfr010 – 400×40	14.97	0	0.00%	2717	19.83%	27646	56.53%
vfr010 – 400×60	14.97	0	0.00%	2834	18.06%	30053	54.50%
vfr010 – 500×20	15.42	0	0.00%	1588	16.32%	15521	52.68%
vfr010 – 500×40	15.42	0	0.00%	3153	16.60%	31381	54.27%
vfr010 – 500×60	15.42	0	0.00%	3541	12.92%	37074	50.18%
vfr010 – 600×20	15.79	0	0.00%	1773	11.27%	17317	46.91%
vfr010 – 600×40	15.79	0	0.00%	3492	14.14%	34635	51.62%
vfr010 – 600×60	15.79	0	0.00%	4189	10.68%	43079	46.79%
vfr010 – 700×20	16.10	0	0.00%	1329	11.79%	13000	46.08%
vfr010 – 700×40	16.10	0	0.00%	3765	12.58%	36776	49.71%
vfr010 – 700×60	16.10	1	0.00%	4619	9.26%	46492	45.44%
vfr010 – 800×20	16.36	0	0.00%	1850	6.52%	17846	34.98%
vfr010 – 800×40	16.36	1	0.00%	4149	8.94%	40349	45.15%
vfr010 – 800×60	16.36	1	0.00%	5420	6.92%	55503	39.92%