

B. Table 7.1: Sequence of Final Runs and Checks

<u>Stage</u>	<u>Main Pgrm</u>	<u>Function</u>	<u>Lo n</u>	<u>Hi n</u>	<u>Input Subdirs</u>	<u>Output Subdirs</u>
(1)	ThrhBldUp.nb		1	7	NatLabs	ThrStds,NatLabs InvExts,StdIsos,Lookups
(2)	QckBldUp.nb		1	9	StdPsts	StdPsts
(2.1)	Compar.nb		7	7	ThrStds,StdPsts	
(2.2)	Compar.nb		8	8	Ancints,StdPsts	
(3)	BldUMxmls.nb		1	9	StdPsts	UMaxmls
(3.1)	Compar.nb		7	7	Ancints,UMaxmls	
(4)	Selct.nb	UniqMaxmlQ[]	8	8	StdPsts	ScrnUMs
(4.1)	Compar.nb		8	8	UMaxmls,ScrnUMs	
(5)	Selct.nb	dCompltQ[]	1	9	UMaxmls	Cnctdes
(5.1)	Compar.nb		9	9	Ancints,Cnctdes	
(6)	Complemnt.nb		1	9	UMaxmls,Cnctdes	UMxndcs
(6.1)	Compar.nb		7	7	Ancints,UMxndcs	
(7)	JDTLRscan.nb	JDTLRQ[]	5	9	UMxndcs	CJDTndc,CLRndcs
(7.1)	Compar.nb		8	8	Ancints,CJDTndc	
(7.2)	Compar.nb		5	9	CJDTndc,CLRndcs	
(8)	Selct.nb	ConnctdQ[]	1	9	StdPsts	Connets
(8.1)	Compar.nb		8	8	Ancints,Connets	

Please see Table 8.2 in Chapter VIII for the analogous runs and checks table for the hook length poset computations.

D. Table 7.2: Poset List Lengths

	1	2	3	4	5	6	7	8	9
Naturally Labeled Posets ¹	1 ³	2 ³	7 ³	40 ³	357 ³	4,824 ³	96,428 ³	2,800,472	116,473,461
Posets ¹	1 ³	2 ³	5 ³	16 ³	63 ³	318 ³	2,045 ³	16,999 ³	183,231 ³
Connected Posets ¹	1 ³	1 ³	3 ³	10 ³	44 ³	238 ³	1,650 ³	14,512 ³	163,341 ³
Posets with a unique maximal element ^{1'}	1 ³	1 ³	2 ³	5 ³	16 ³	63 ³	318 ³	2,045 ³	16,999 ³
Connected d-complete Posets	1 ^{2,3}	1 ^{2,3}	2 ^{2,3}	5 ^{2,3}	11 ^{2,3}	28 ^{2,3}	69 ^{2,3}	181 ^{2,3}	474 ³
Posets with a unique maximal element, not d-complete	0 ^{2,3}	0 ^{2,3}	0 ^{2,3}	0 ^{2,3}	5 ^{2,3}	35 ^{2,3}	249 ^{2,3}	1,864 ^{2,3}	16,525 ³
Connected JDT posets, not d-complete	0 ^{2,3}	0 ^{2,3}	0 ^{2,3}	0 ^{2,3}	0 ^{2,3}	4 ^{2,3}	8 ^{2,3}	55 ^{2,3}	142 ³
Connected LR posets, not d-complete	0 ³	0 ³	0 ³	0 ³	0 ³	4 ³	8 ³	55 ³	142 ³
Connected JDT (& LR) posets	1 ^{2,3}	1 ^{2,3}	2 ^{2,3}	5 ^{2,3}	11 ^{2,3}	32 ^{2,3}	77 ^{2,3}	236 ^{2,3}	616 ³

Please see Table 8.3 in Chapter VIII for an extension of this table, which includes the counts for three classes of hook length posets.

^{1'} Immediate consequence of OEIS

² Behrman/Proctor/Wilmesmeier 1994-97

³ Gann/Proctor 2005