Report

	soapdenovo_output.contig	soapdenovo_ouput.scafSeq	spades_output	spades_output_meta	spades_output_meta_man
# contigs (>= 0 bp)	1775754	154892	12753	15606	7097
# contigs (>= 1000 bp)	192	573	1935	2585	1962
# contigs (>= 5000 bp)	0	2	815	859	671
# contigs (>= 10000 bp)	0	0	465	402	435
# contigs (>= 25000 bp)	0	0	120	69	162
# contigs (>= 50000 bp)	0	0	23	12	48
Total length (>= 0 bp)	84223048	22761917	17567571	17695738	17924541
Total length (>= 1000 bp)	258421	884616	15155088	14953290	15974210
Total length (>= 5000 bp)	0	11235	12530335	10912376	13244509
Total length (>= 10000 bp)	0	0	10025888	7746613	11621624
Total length (>= 25000 bp)	0	0	4675432	2641279	7300885
Total length (>= 50000 bp)	0	0	1529012	834806	3390130
# contigs	1273	1906	2754	3687	3123
Largest contig	3251	6042	119228	134769	202630
Total length	974597	1795414	15720199	15729848	16785818
Reference length	16475702	16475702	16475702	16475702	16475702
GC (%)	30.35	30.39	40.35	40.38	40.43
Reference GC (%)	40.48	40.48	40.48	40.48	40.48
N50	741	990	15015	9699	20388
NG50	-	-	14115	8786	21328
N90	536	567	2305	1638	1775
NG90	-	-	1400	1081	2092
auN	891.6	1242.7	21098.9	15419.5	30131.6
auNG	52.7	135.4	20131.4	14721.5	30698.8
L50	460	587	288	414	210
LG50	-	-	314	455	203
L90	1085	1569	1286	1960	1312
LG90	-	-	1663	2466	1168
# N's per 100 kbp	0.00	9252.68	470.48	204.45	71.94

All statistics are based on contigs of size >= 500 bp, unless otherwise noted
(e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).
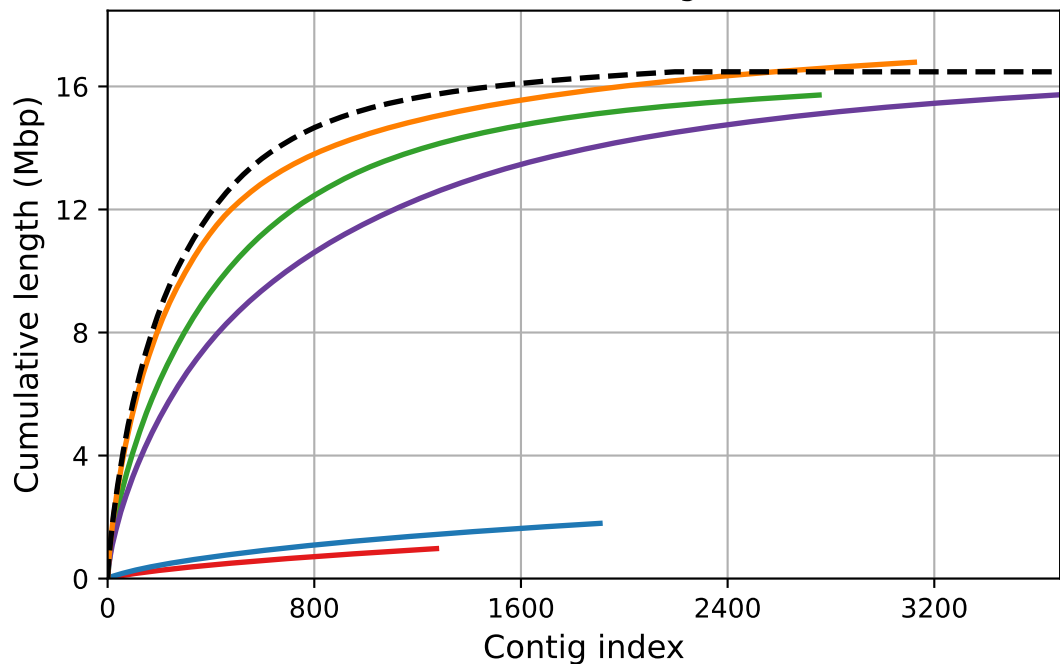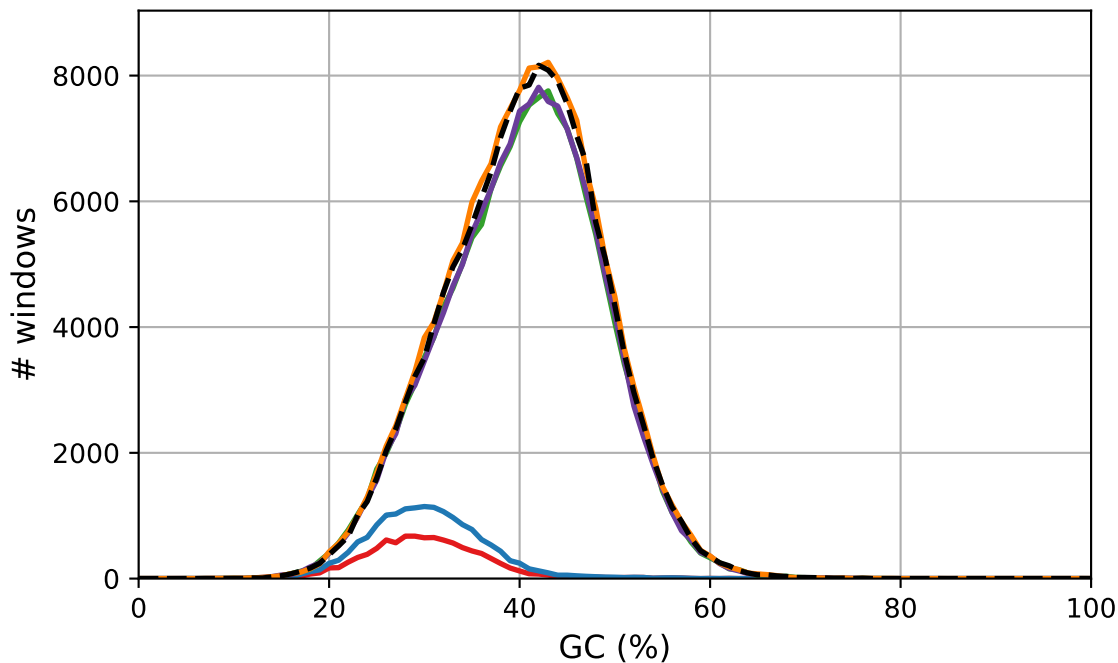
Nx
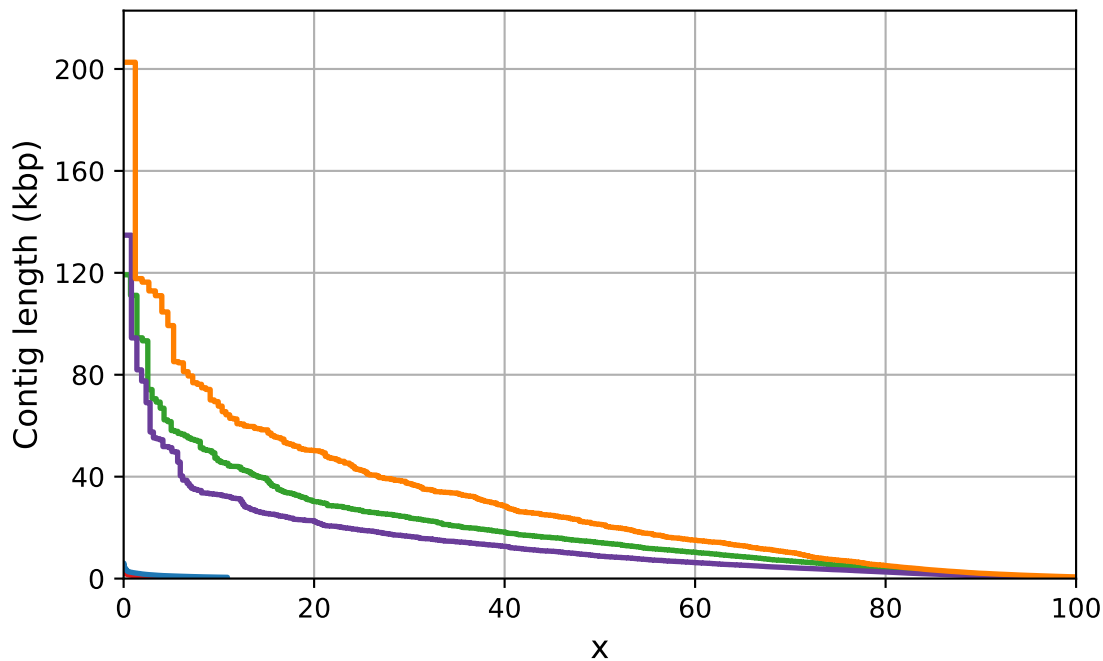
soapdenovo_output.contig	spades_output	spades_output_meta_
soapdenovo_ouput.scafSeq	spades_output_meta	

NGx

soapdenovo_output.contig	spades_output
soapdenovo_ouput.scafSeq	spades_output_meta
	spades_output_meta_r

Cumulative length

— soapdenovo_output.contig	— spades_output	— spades_output_meta_r
— soapdenovo_ouput.scafSeq	— spades_output_meta	- - Reference

GC content

— soapdenovo_output.contig	— spades_output	— spades_output_meta_r
— soapdenovo_ouput.scafSeq	— spades_output_meta	--- Reference

soapdenovo_output.contig GC content
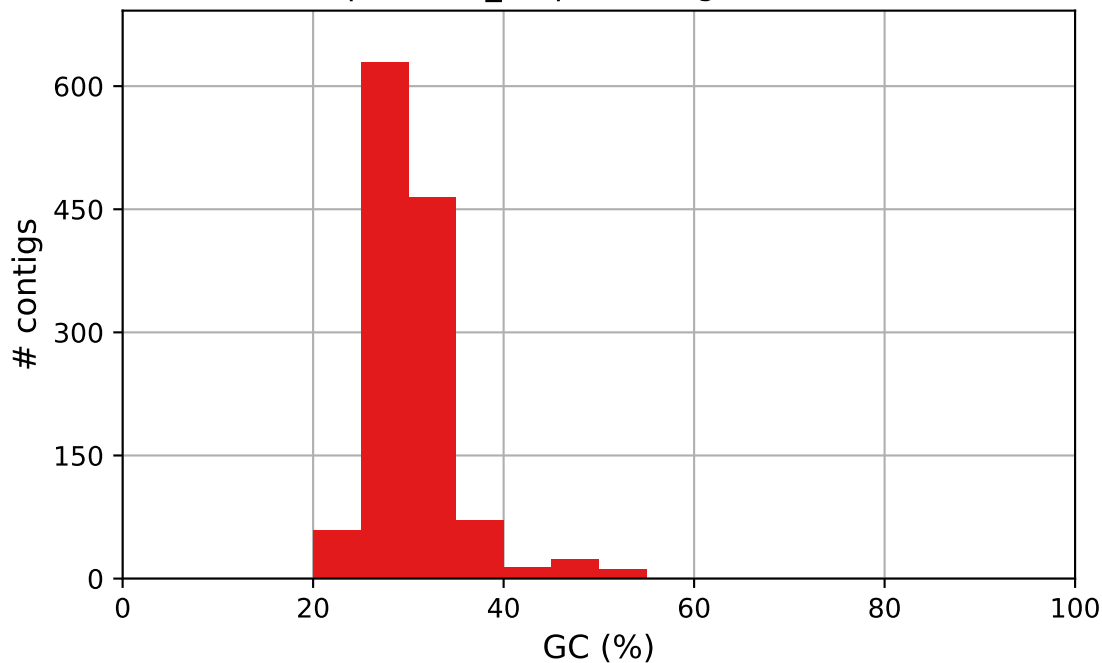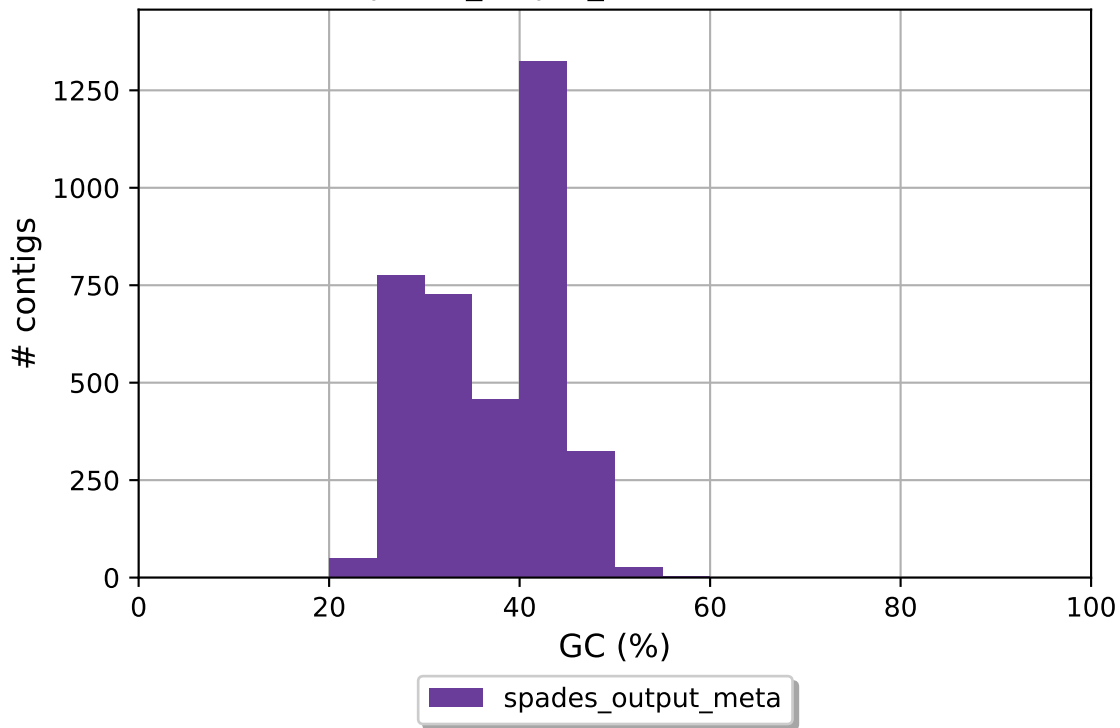
soapdenovo_ouput.scafSeq GC content
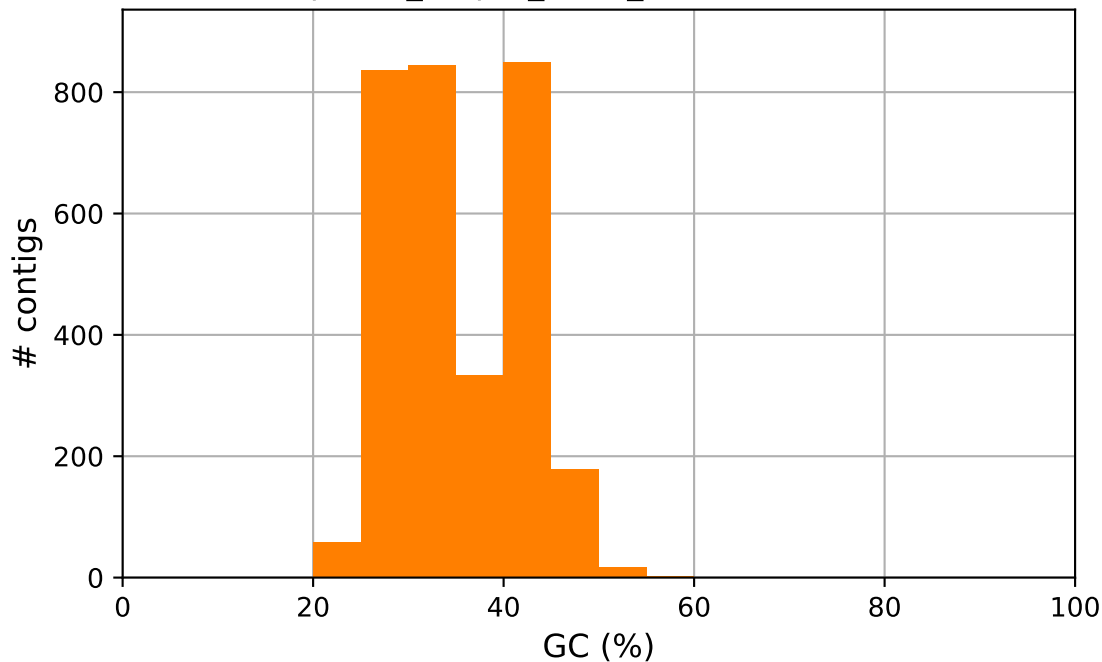
spades_output GC content
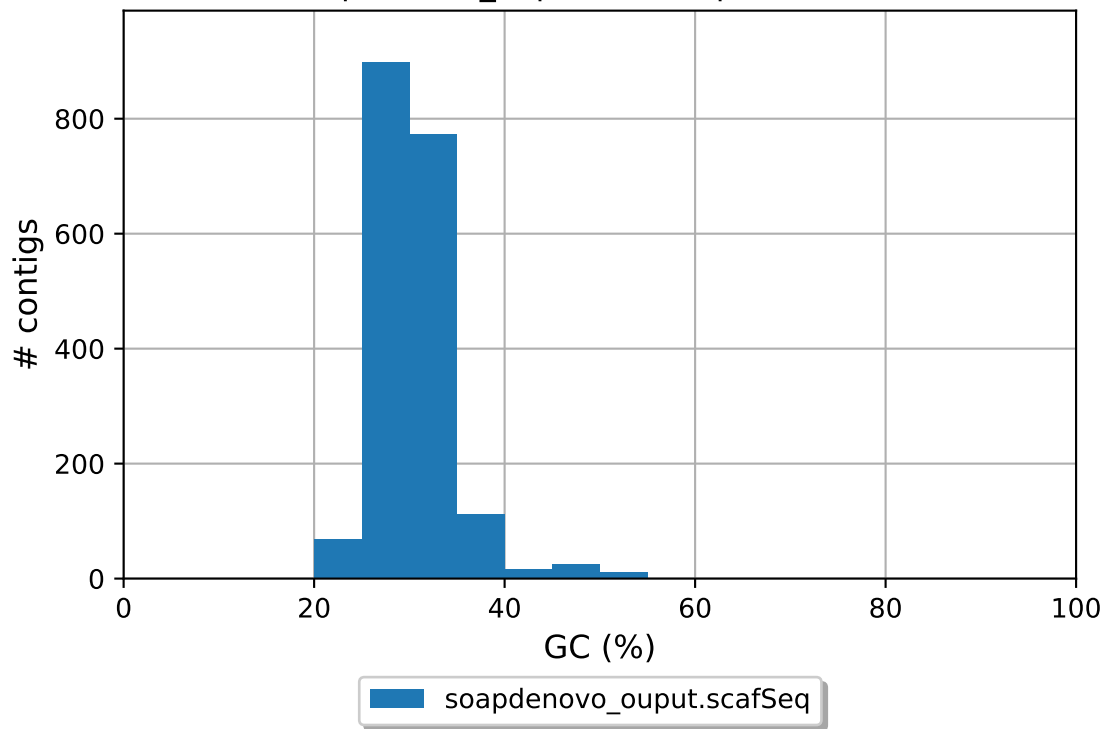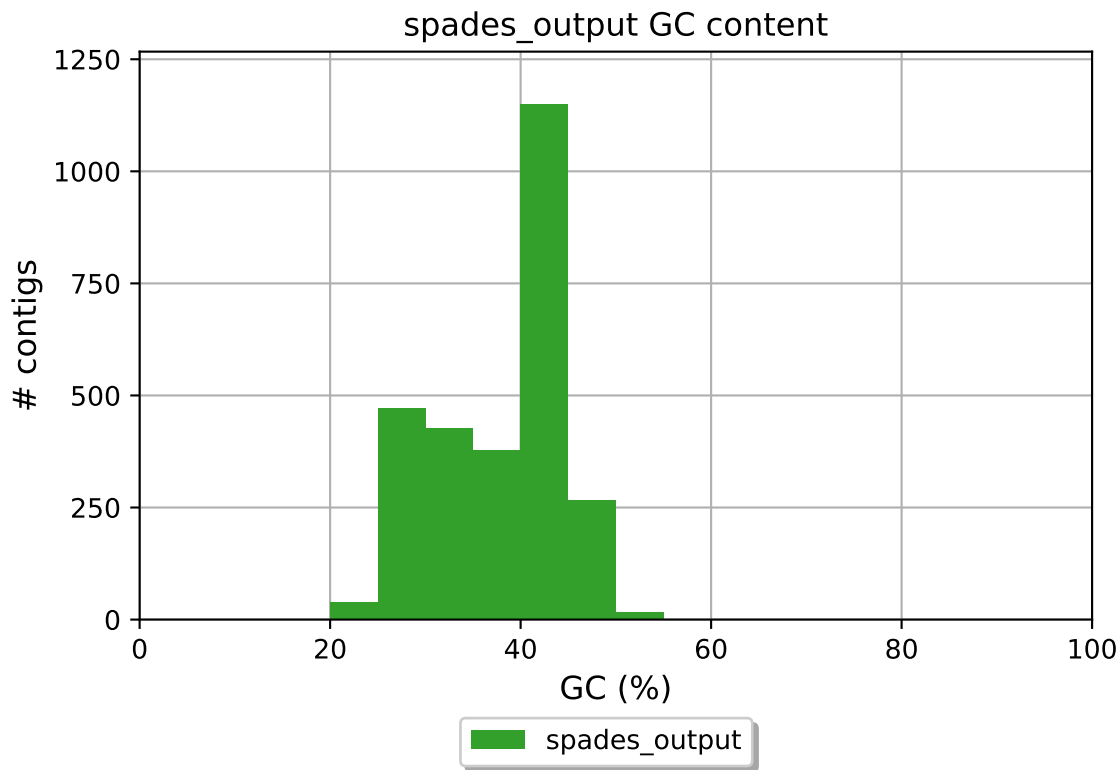
spades_output_meta GC content

spades_output_meta_man GC content

Coverage histogram (bin size: 2x)

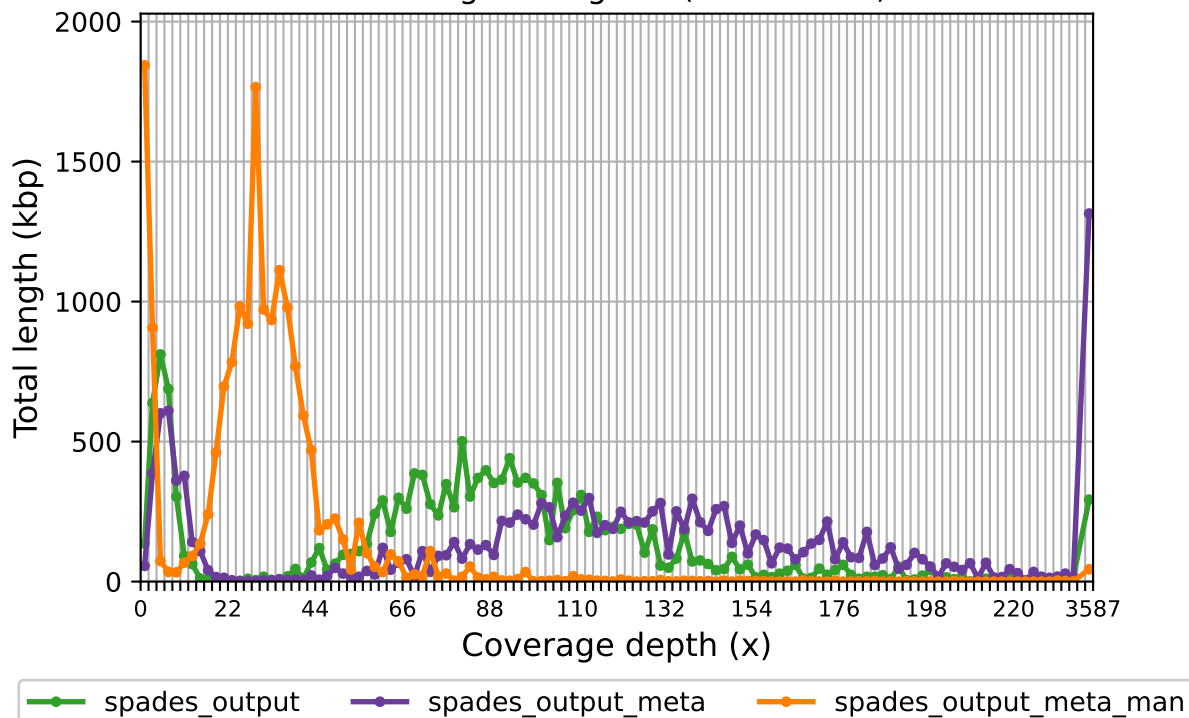Total length (kbp) vs Coverage depth (x)

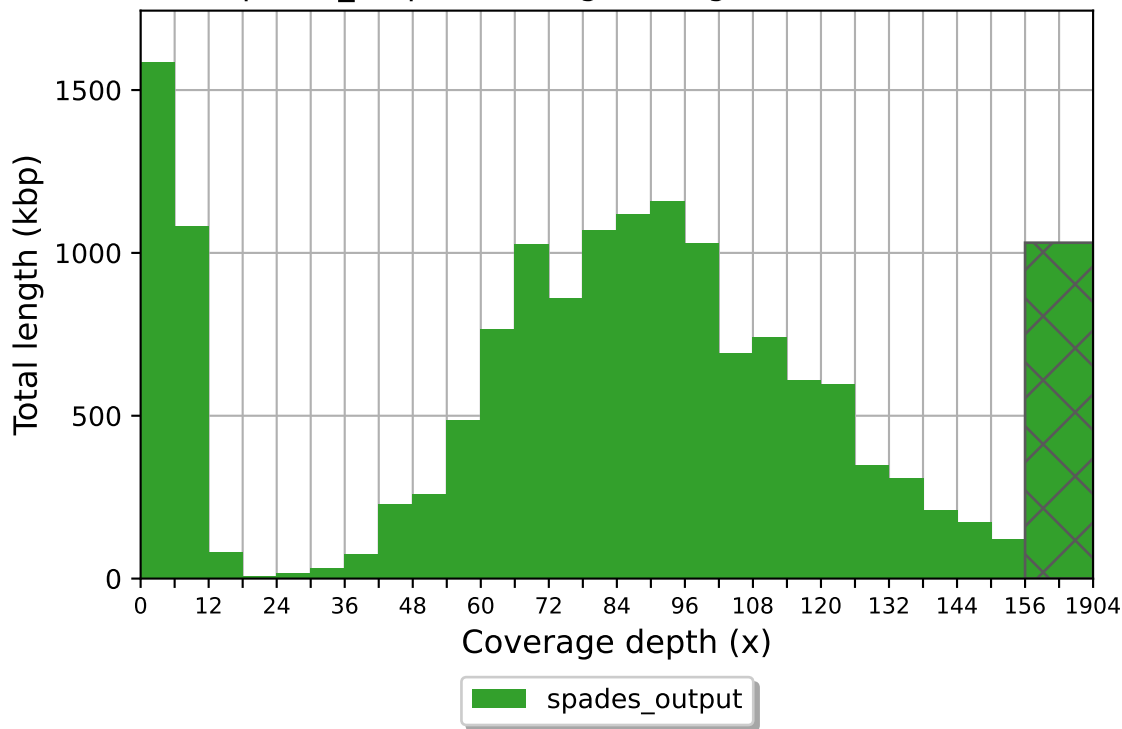- spades_output
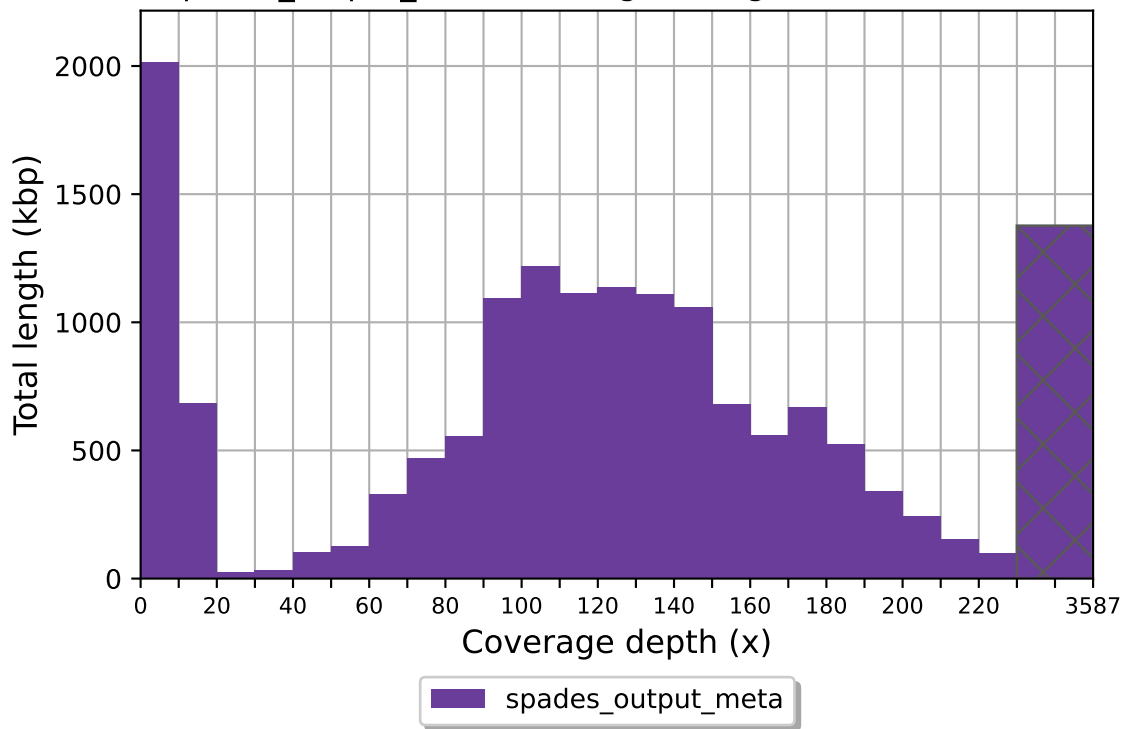- spades_output_meta
- spades_output_meta_man

spades_output coverage histogram (bin size: 6x)

spades_output_meta coverage histogram (bin size: 10x)

spades_output_meta_man coverage histogram (bin size: 2x)

Coverage depth (x) vs Total length (kbp)

Legend: spades_output_meta_man