Graph construction report for grtest

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Computational resources

Local execution

Graph statistics

Graph parameters	Count	Length (bp)
All nodes	182	10,304,273
Reference nodes	130	10,000,001
Non-reference nodes	52	304,272
Added from Angussm	33	88,763
Added from Highlandsm	19	215,509
Total Edges	259	ratio: 1.4231
Edge RefRef	155	0
Edge RefNonref	104	0
Edge NonrefNonref	0	0

Core - flexible genome analysis

Pangenome component	Node count	Length	Proportion
core	76	9,818,805	95.29%
flexible	106	485,468	4.71%
flexible_shared	56	217,650	2.11%
private	50	267,818	2.60%

Pangenome size as sample increased
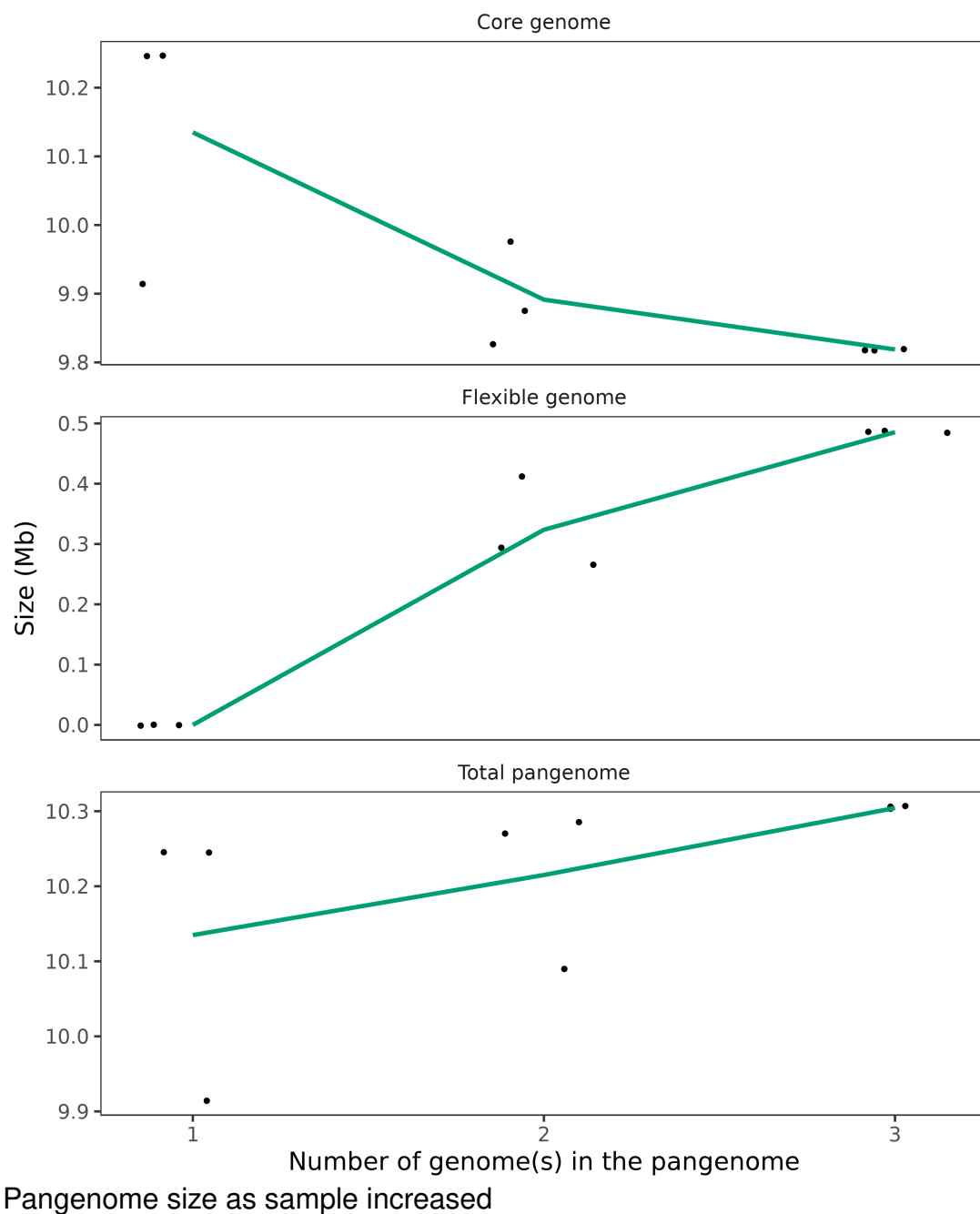
Non-reference sequences

Non-ref sequences	Node count	Total sequence length
Angussm	33	88,763
Highlandsm	35	269,582

Pangenome nonref sharing count
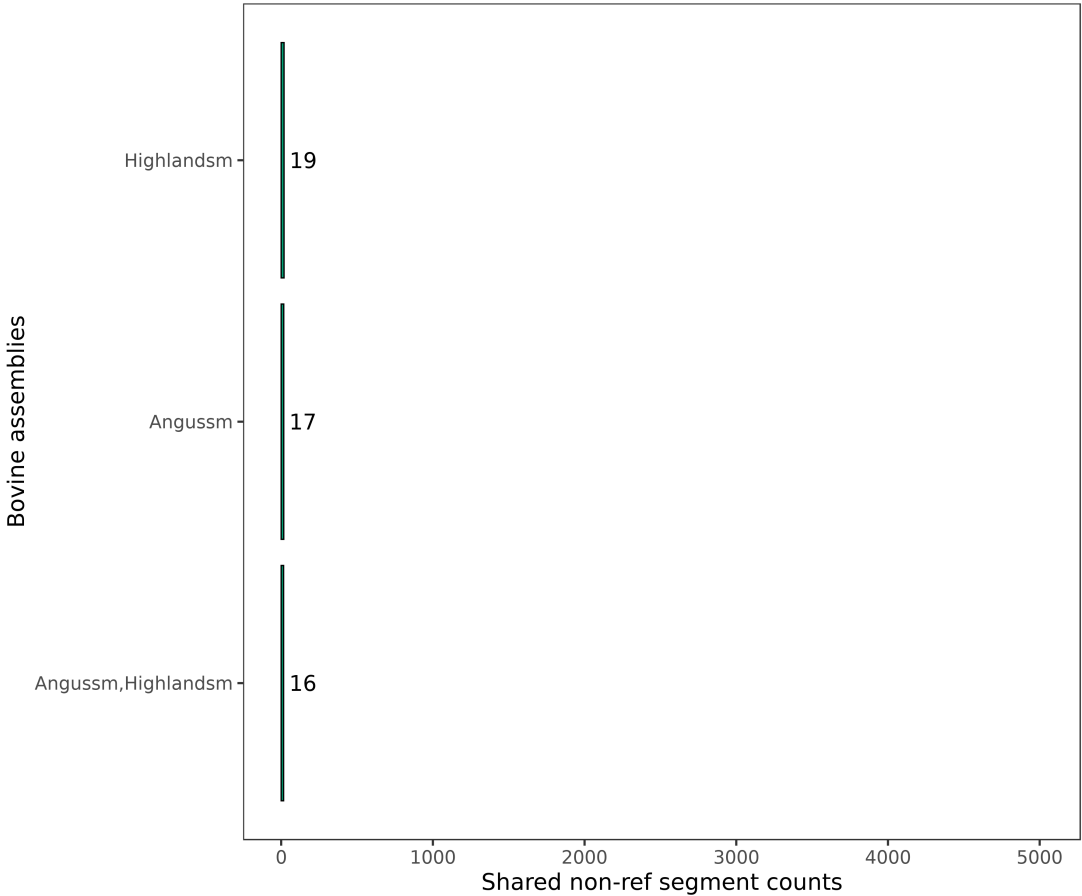
Pangenome nonref sharing length
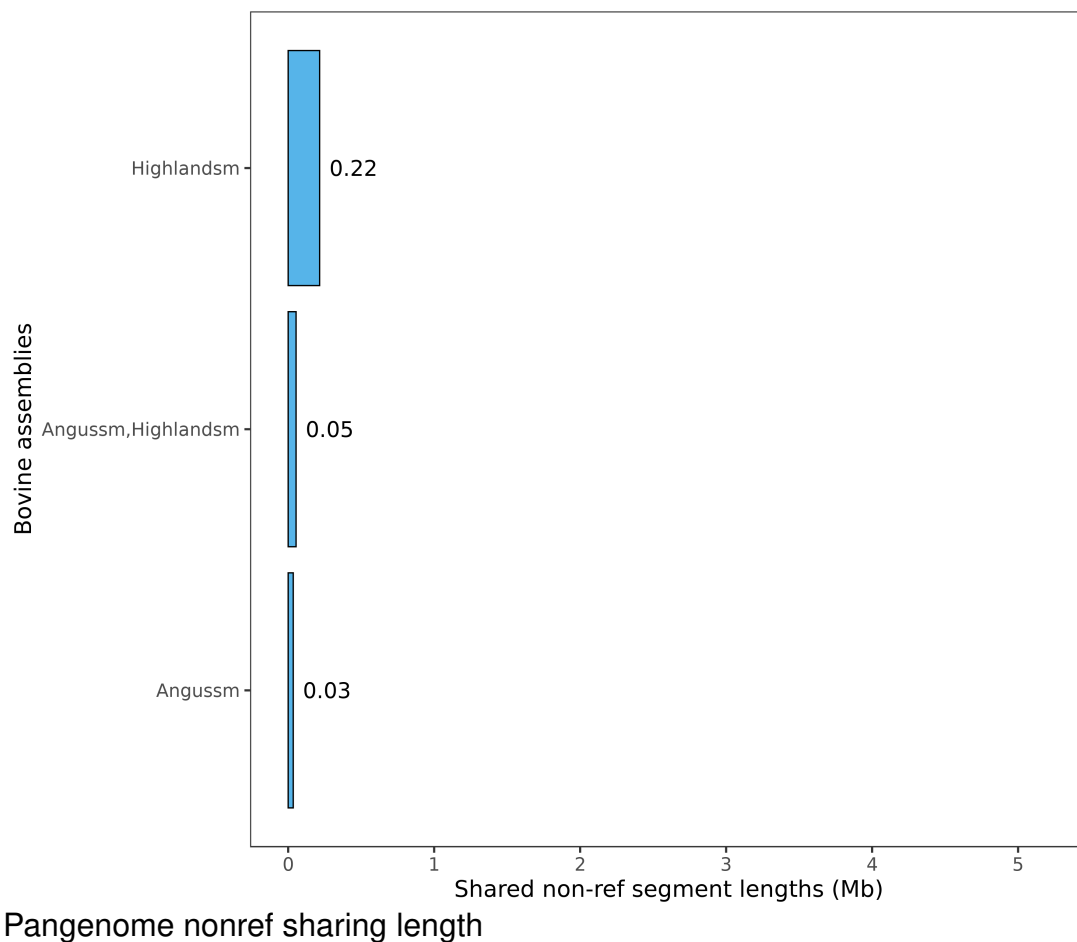
Structural variations analysis

Annotations stats

Sequence Features	Count left	Count right
intergenic	58	58
intronic	19	19

Biallelic variations

Mutation type	SV count	SV total length	SV mean length
AltDel	13	8,117	624
AltIns	12	28,779	2398
Deletion	25	32,362	1294
Insertion	26	274,575	10561

Multiallelic variations

Mutation type	SV count	SV total length	SV mean length
Deletions	1	219	219
Insertions	1	253	253