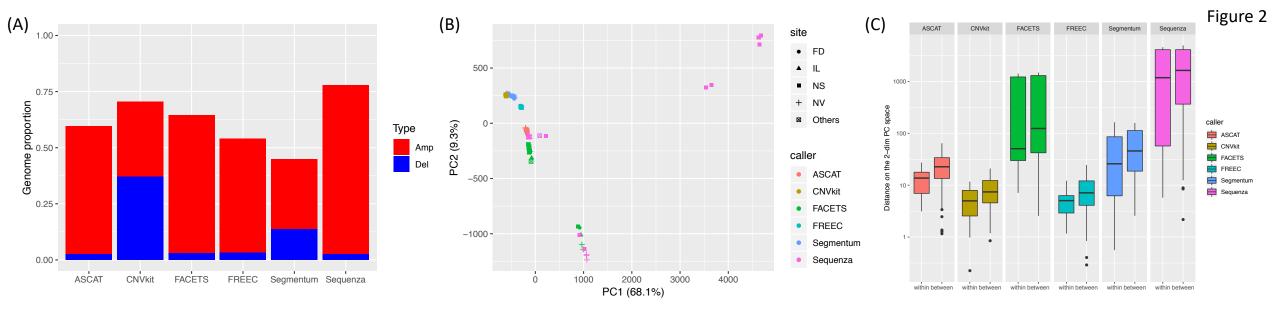
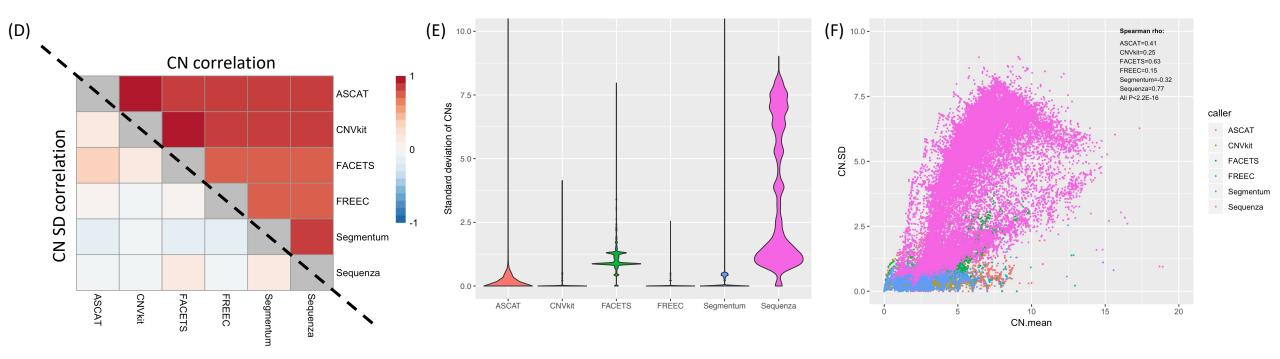
Category	REF	WES	FFPE*		Input DNA amount			Purity & Coverage
Sample	Fresh	Fresh	FFPE	FFPE	Fresh	Fresh	Fresh	Fresh
Input DNA amount	1000ng	1000ng	200ng	200ng	100ng	10ng	1ng	1000ng
Tumor purity	100%	100%	100%	100%	100%	100%	100%	100%, 75%, 50%, 20%, 10%, 5%
Capture	WGS	WES	WES	WGS	WGS	WGS	WGS	WGS
Coverage	100x	100x	100x	100x	100x	100x	100x	300x, 200x, 100x, 80x, 50x, 30x, 10x
Replicates	21	12	3	4	3	3	3	42
Fixed Varied *Formalin Fixed Paraffin Embedded								

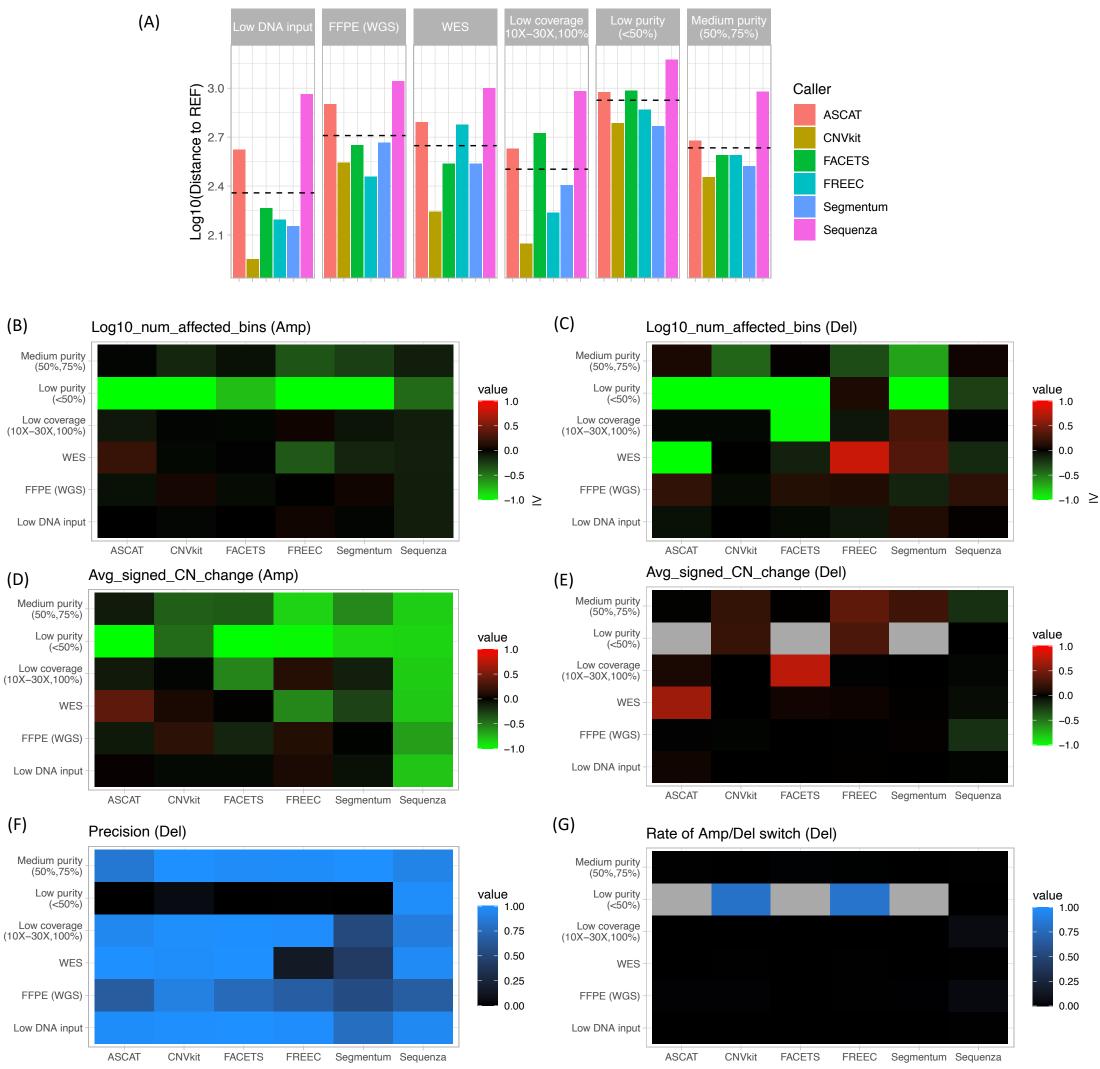
(A)

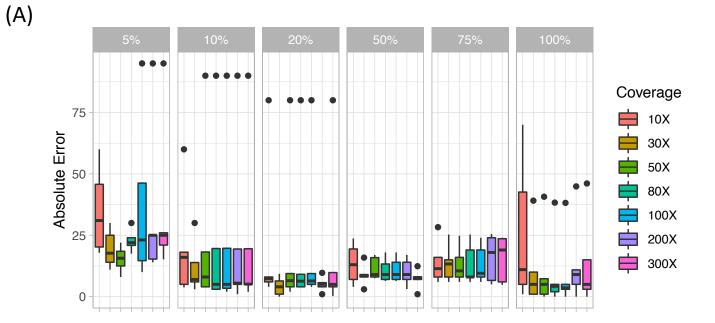
Total: 91

(B) **6 Callers** $91 \times 6 = 546$ genome-wide CNV calls **Consistency of CNV calls** REF **ASCAT** 21 x 6 = 126 REF **CNV** calls affected by confounders **CNVkit** WES **FACETS FFPE** Purity & Coverage Input DNA amount WES **FFPE** FREEC 42 x 6 = 252 $12 \times 6 = 72$ $9 \times 6 = 54$ $7 \times 6 = 42$ Input DNA amount Segmentum Purity & Coverage Benchmarking 6 callers Sequenza









(B)

