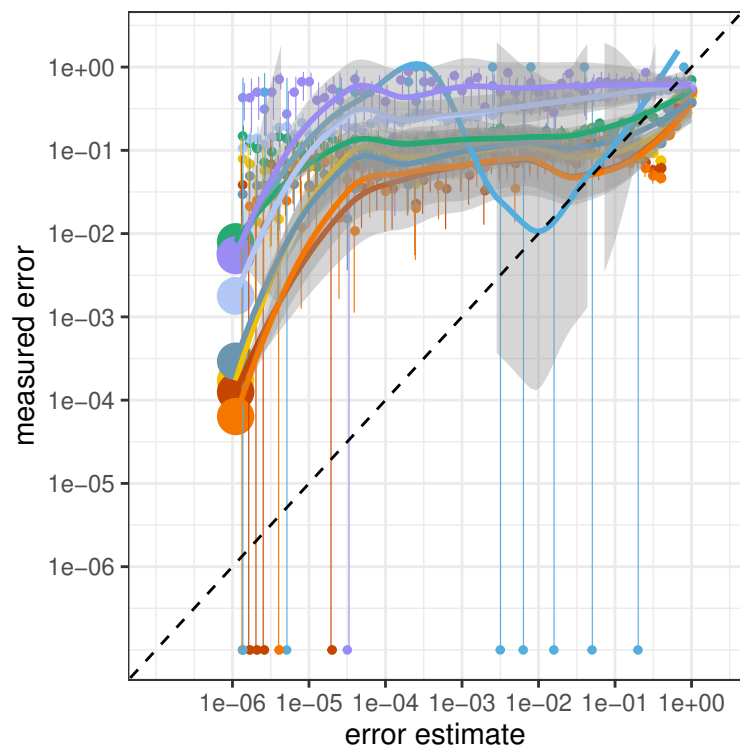
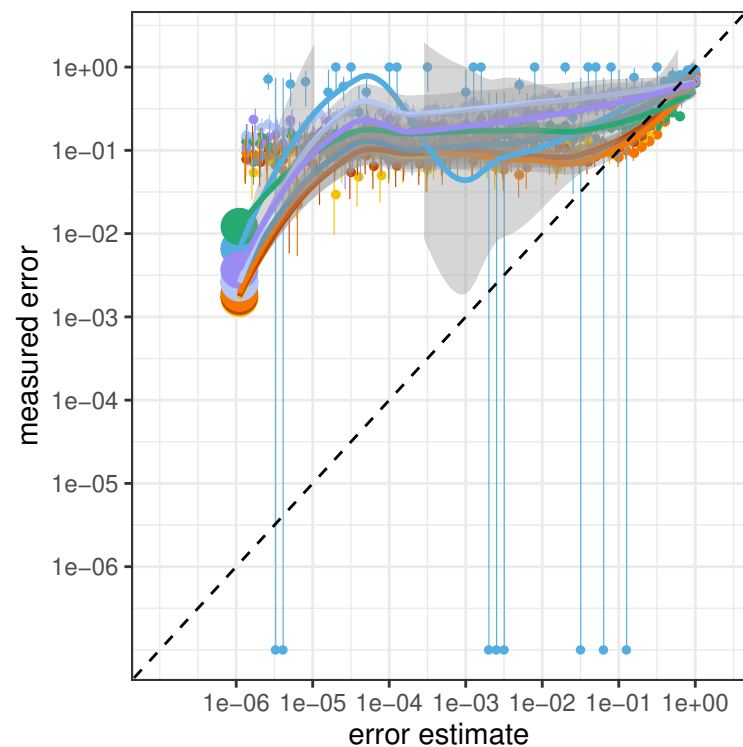


(A) HiFi



(B) R10

**CHM13/CHM13-graph**

● Minimap2

● Winnowmap

● Giraffe

**HPRC-minigraph**

● Minigraph

**HPRC-filtered**

● GraphAligner

● Giraffe

**HPRC**

● Giraffe

● Giraffe sampled

**Number of reads**

● 250,000

● 500,000

● 750,000