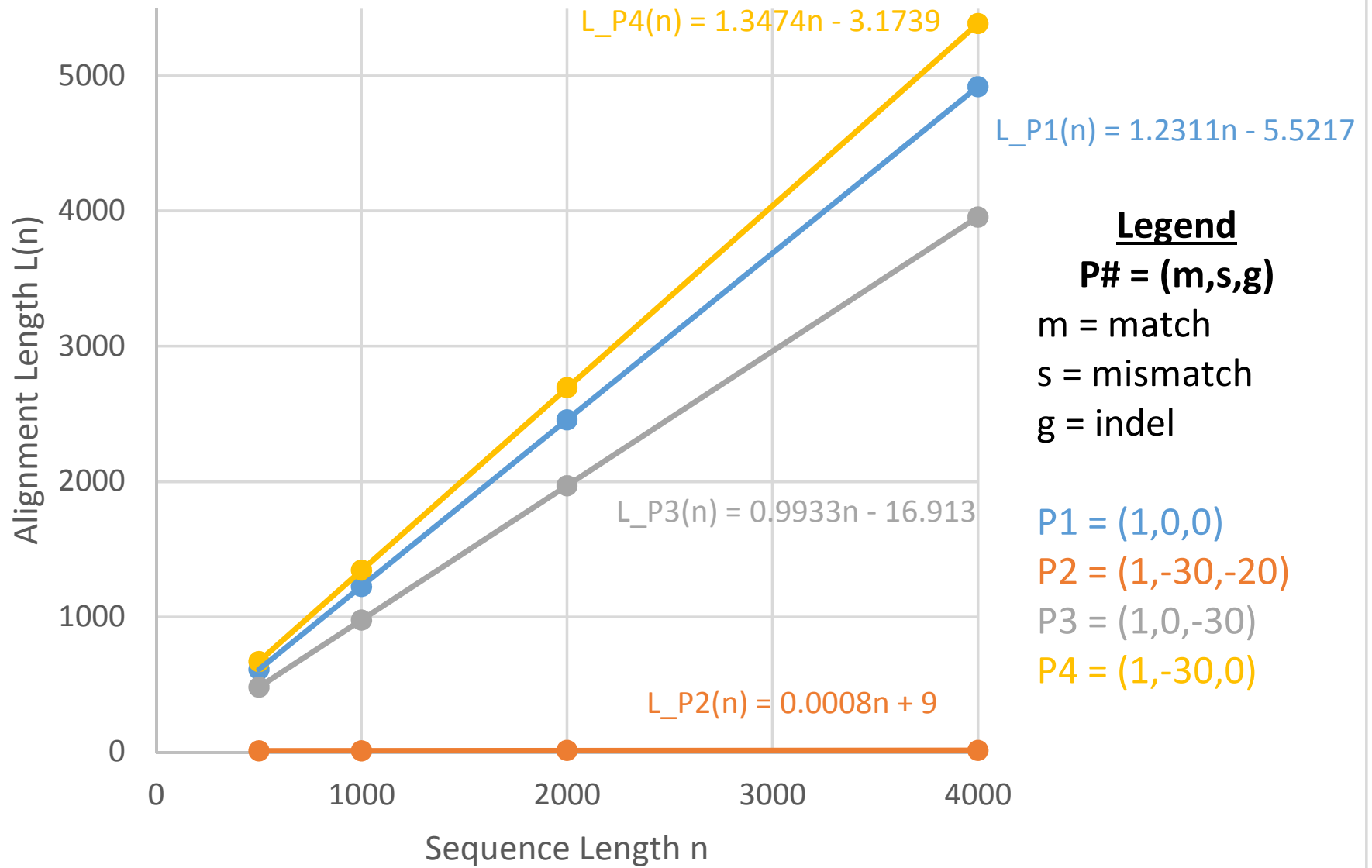
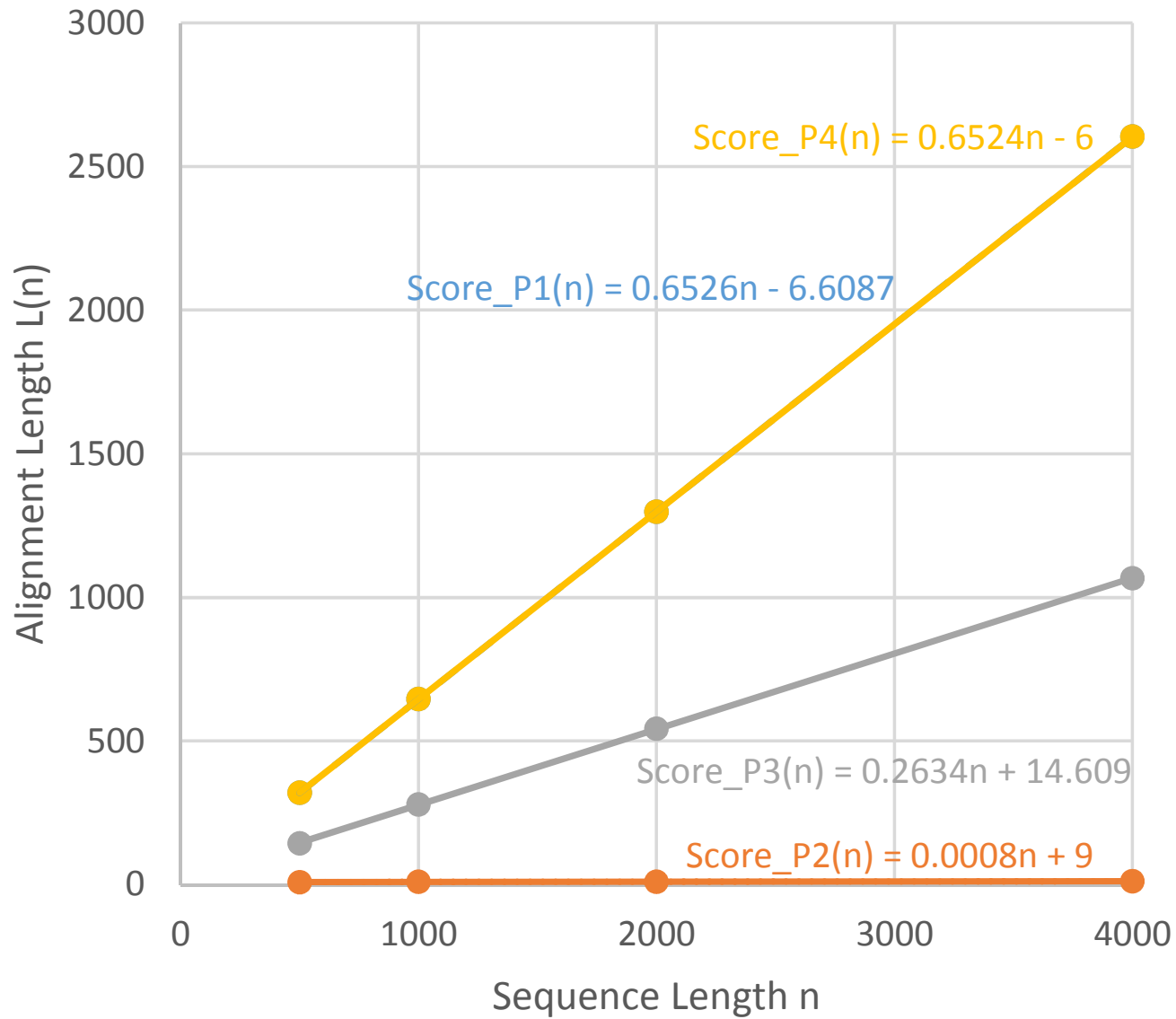


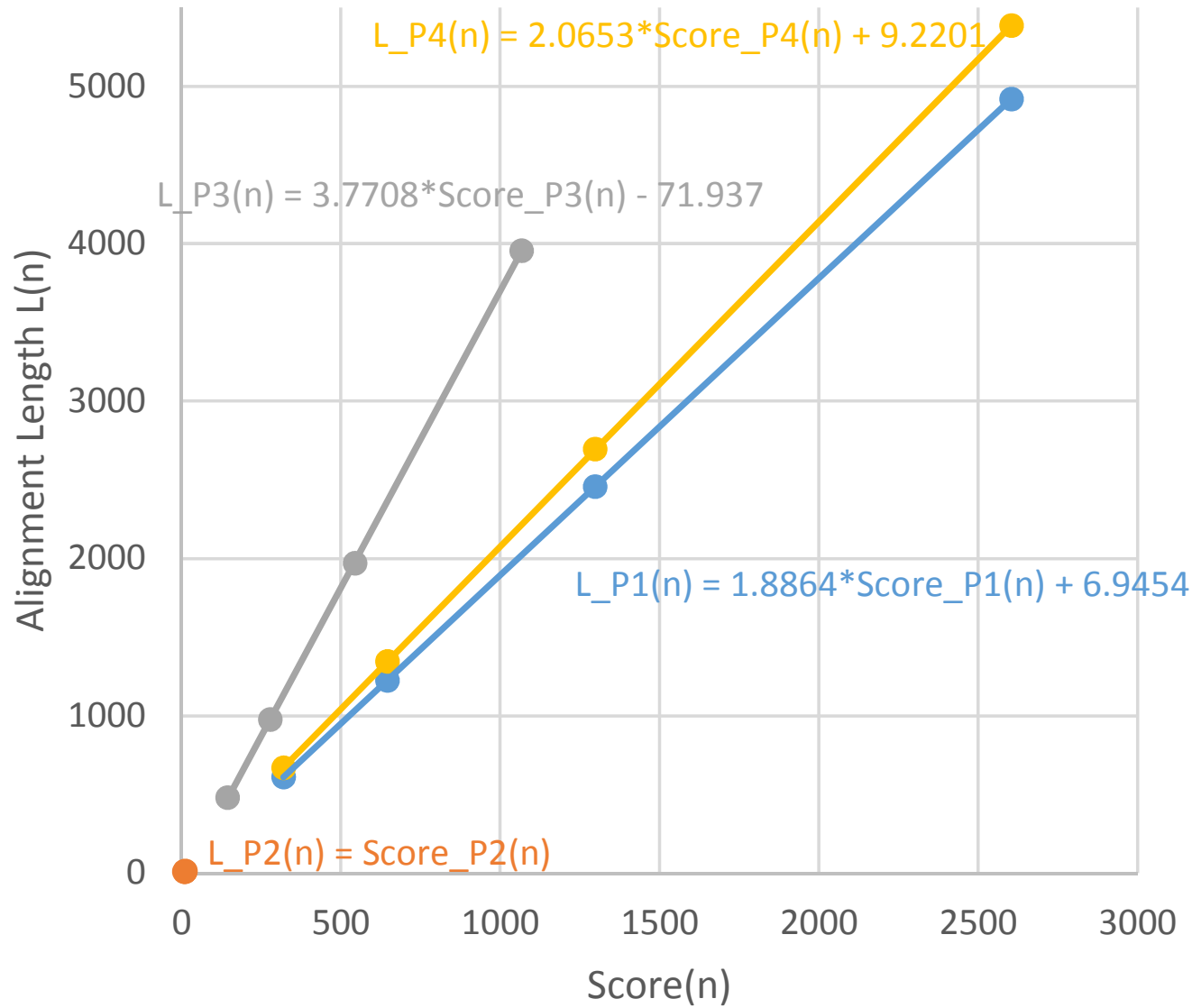
## Alignment Length $L(n)$ vs. Sequence Length $n$



## Score(n) vs. Sequence Length n



## Alignment Length L(n) vs. Score(n)



### Legend

**P# = (m,s,g)**

m = match

s = mismatch

g = indel

P1 = (1,0,0)

P2 = (1,-30,-20)

P3 = (1,0,-30)

P4 = (1,-30,0)

## L(1000) vs Mismatch/Indel Penalty

