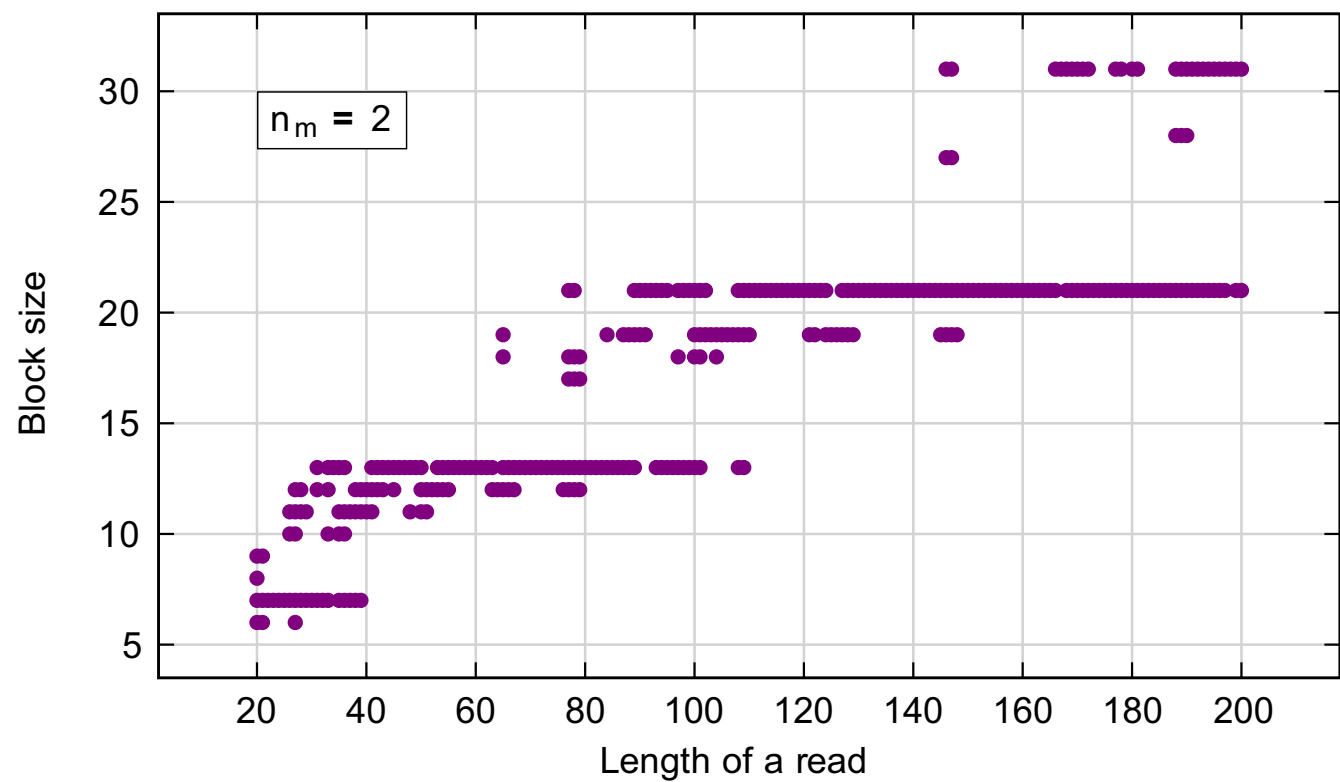
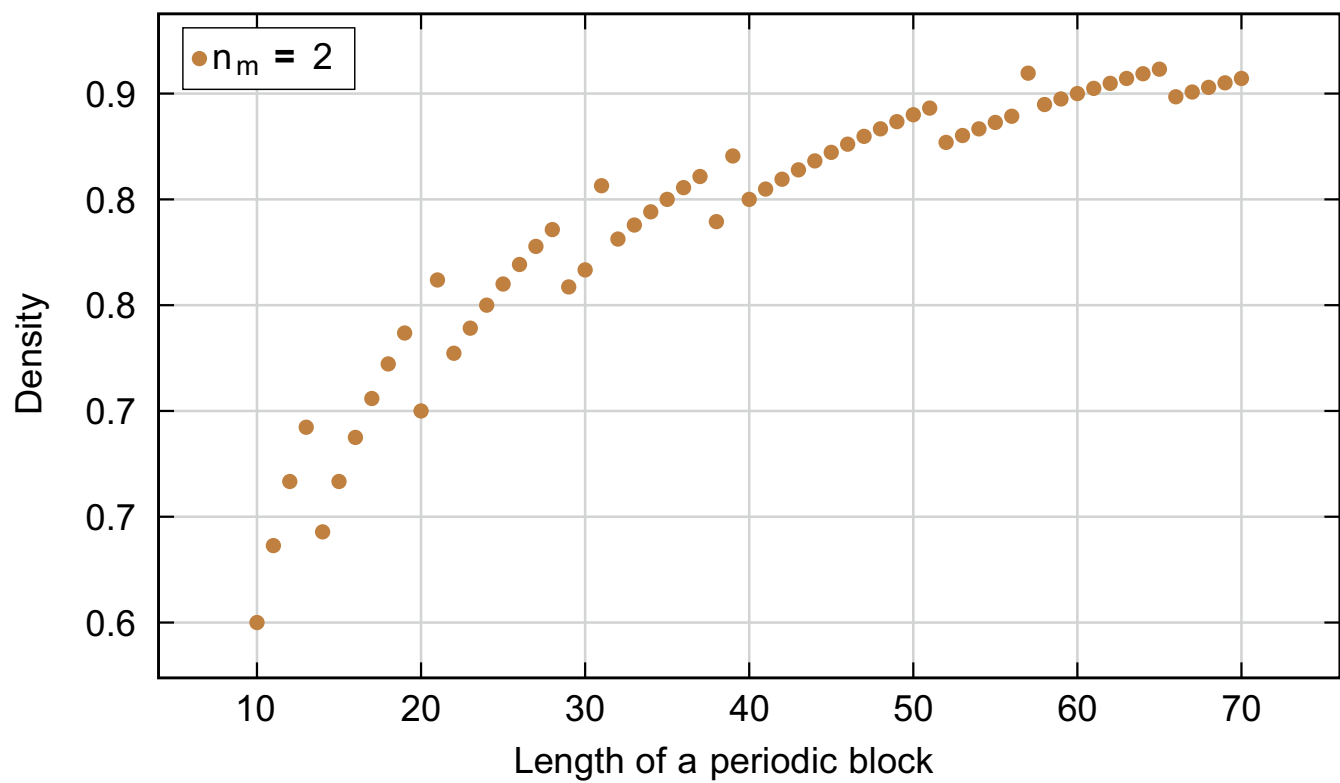


PerFSeeB: designing long high-weight single spaced seeds for full
sensitivity alignment with a given number of mismatches
Supplementary Material

Valeriy Titarenko and Sofya Titarenko



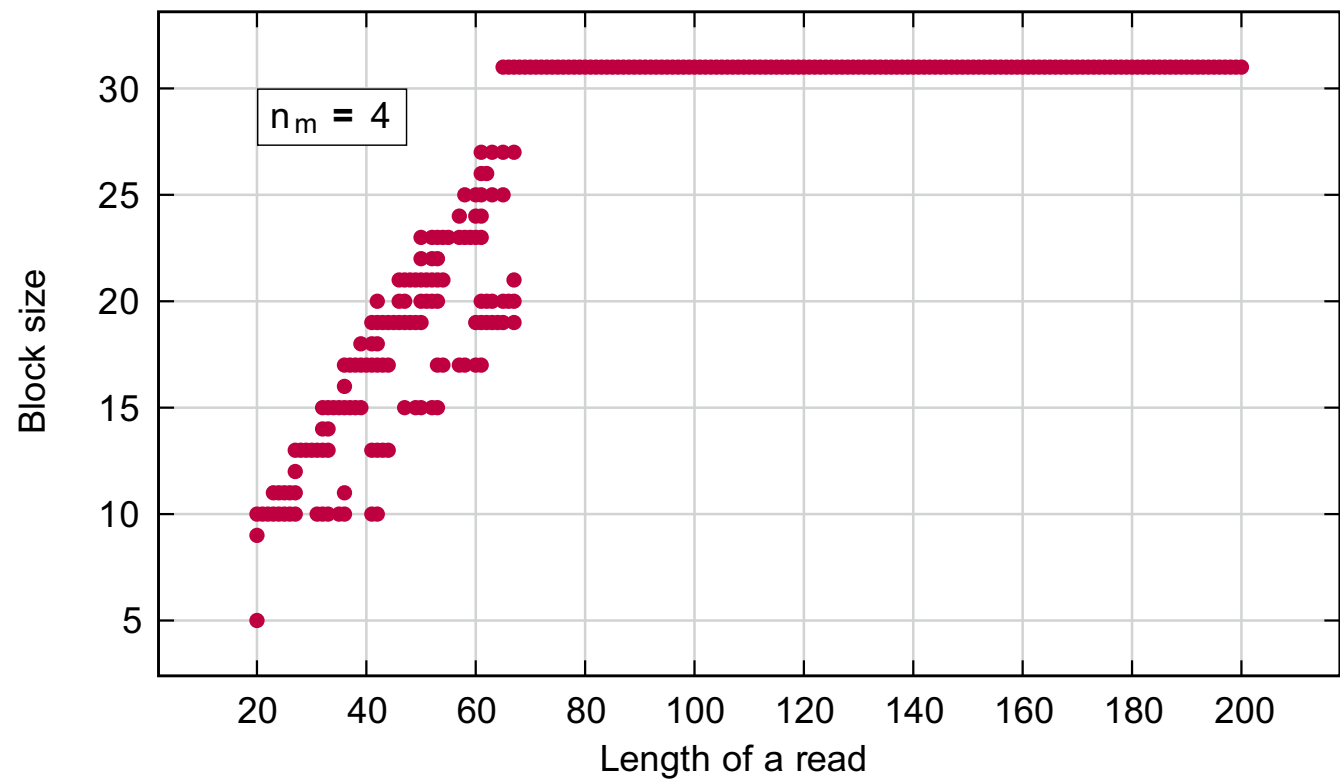
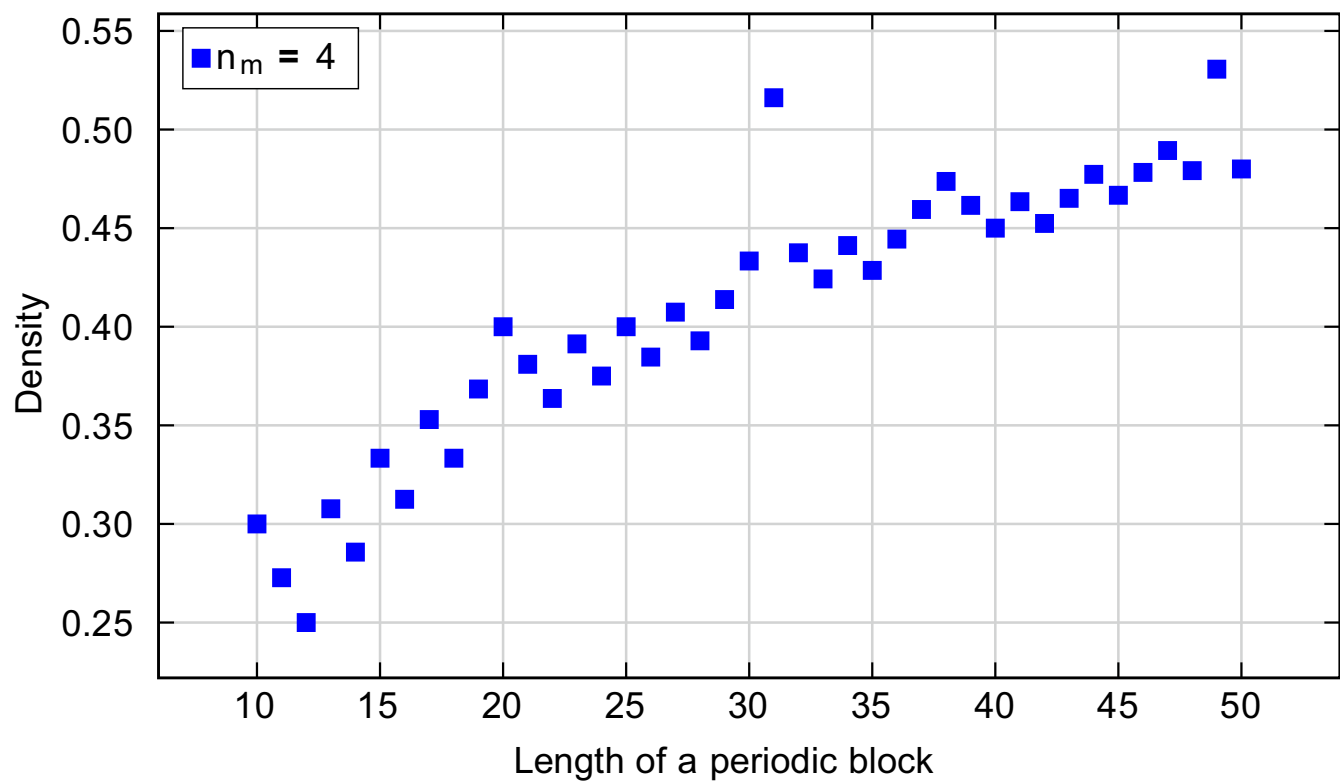


Figure S3: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 4$.

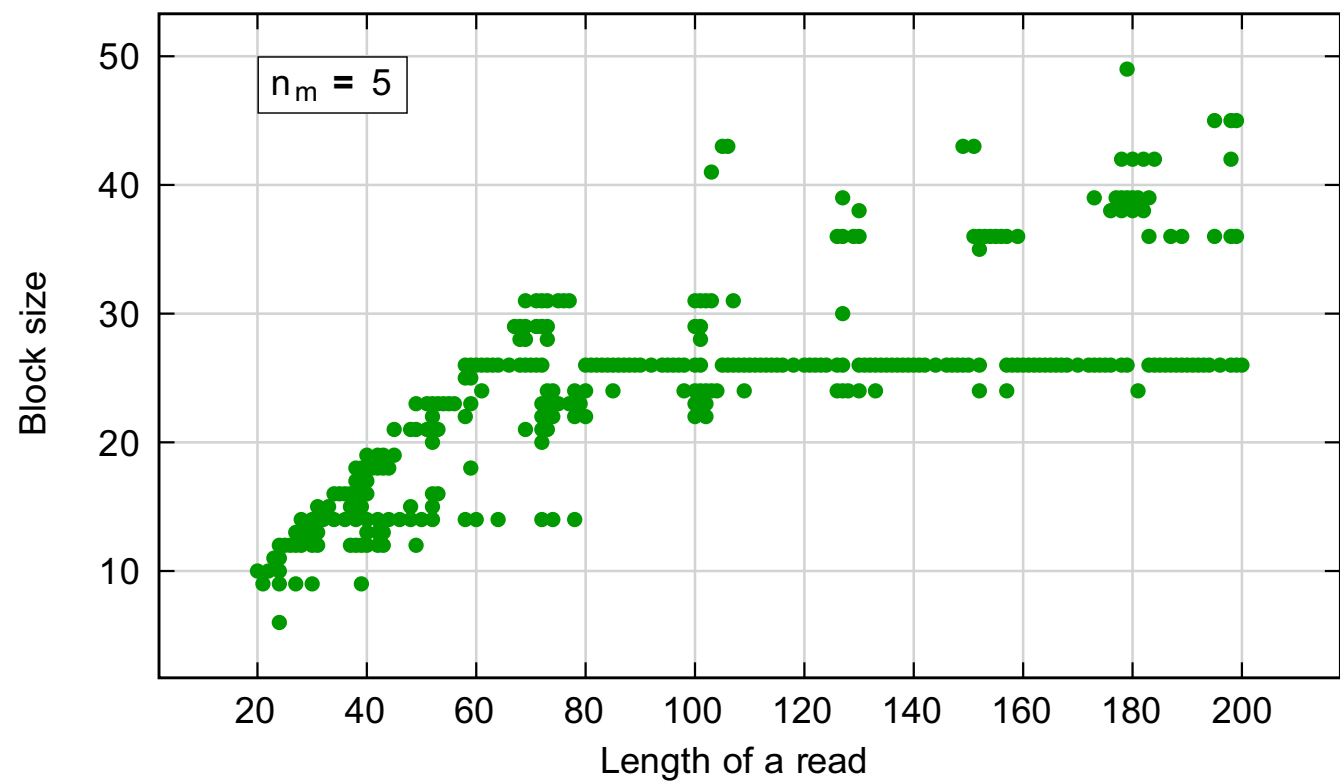
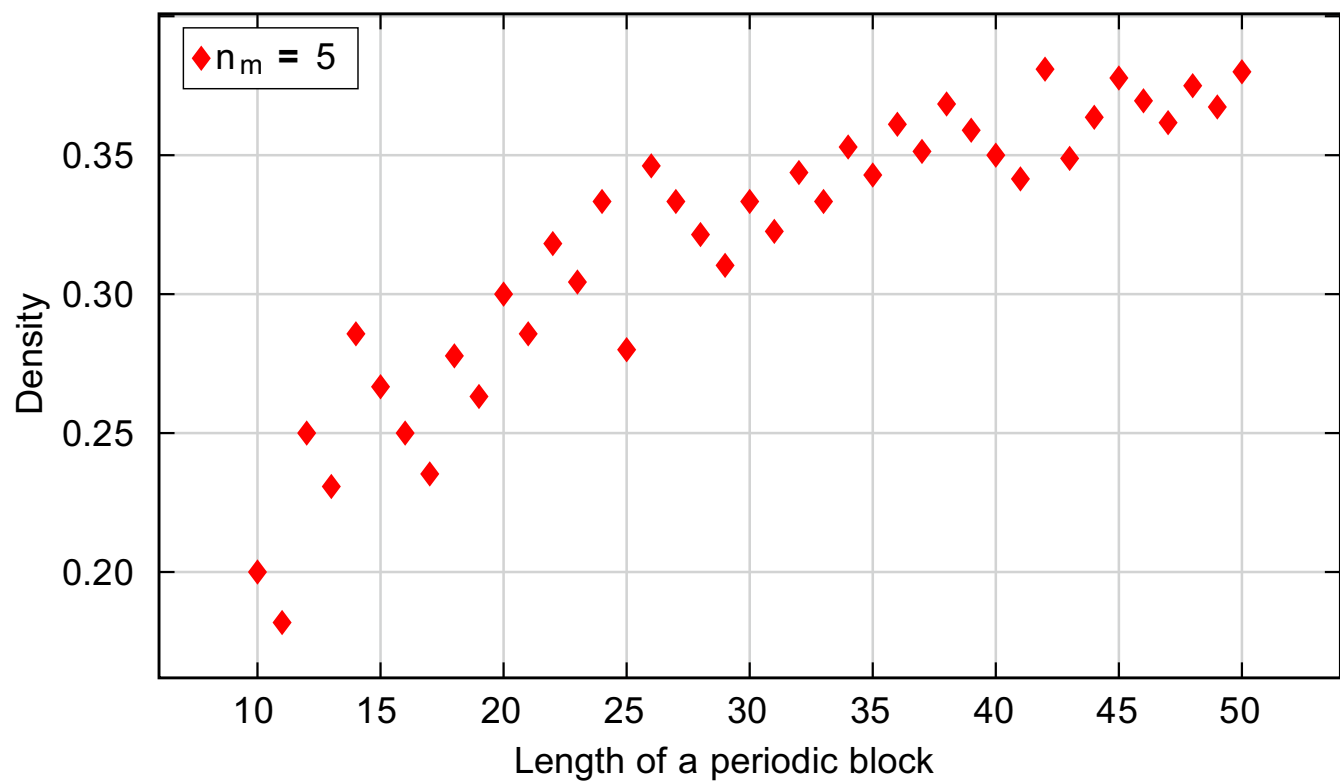


Figure S4: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 5$.

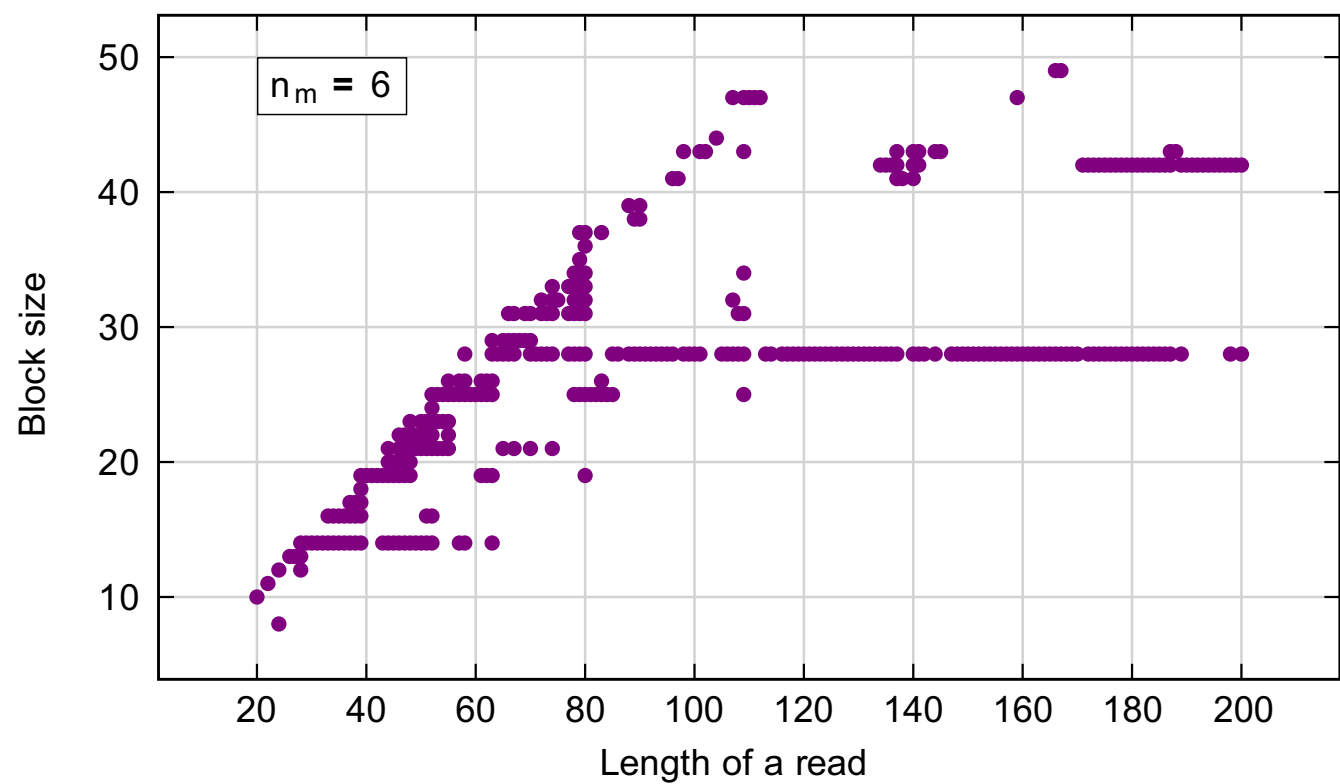
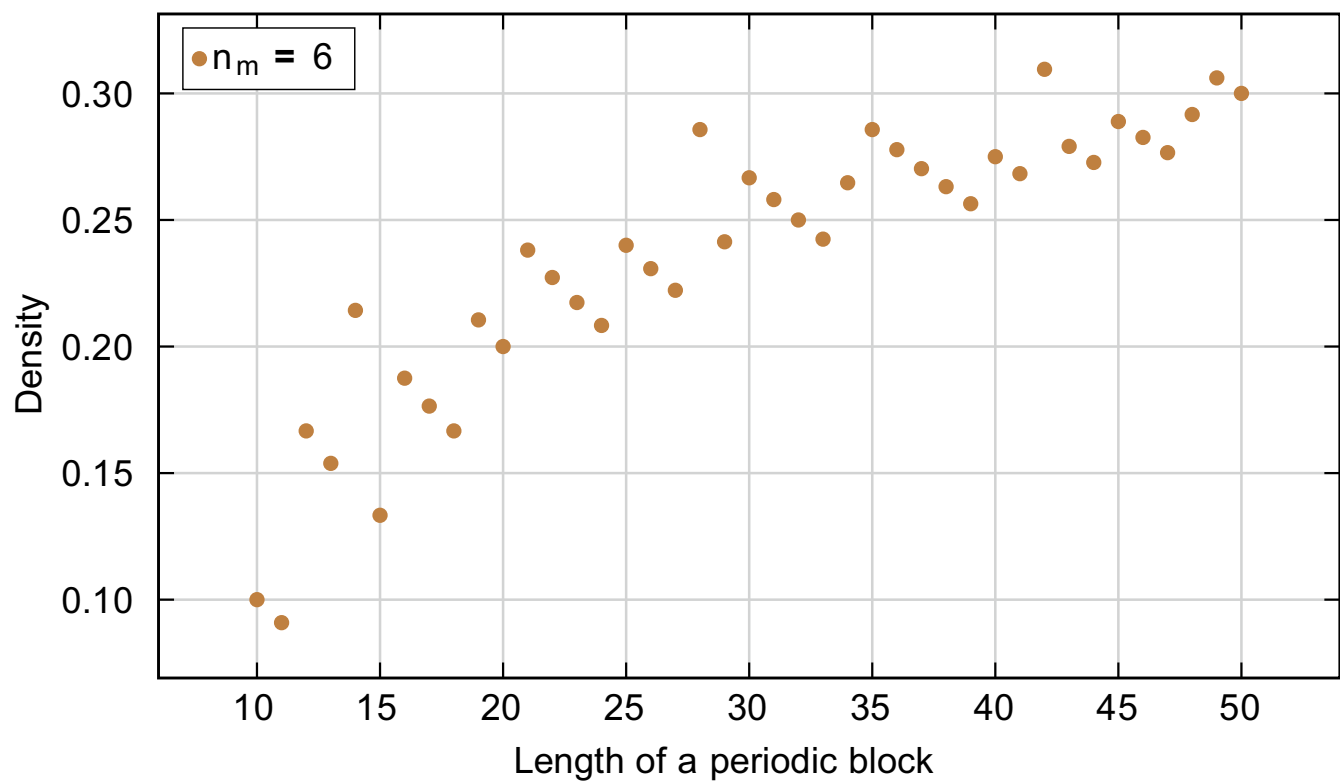


Figure S5: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 6$.

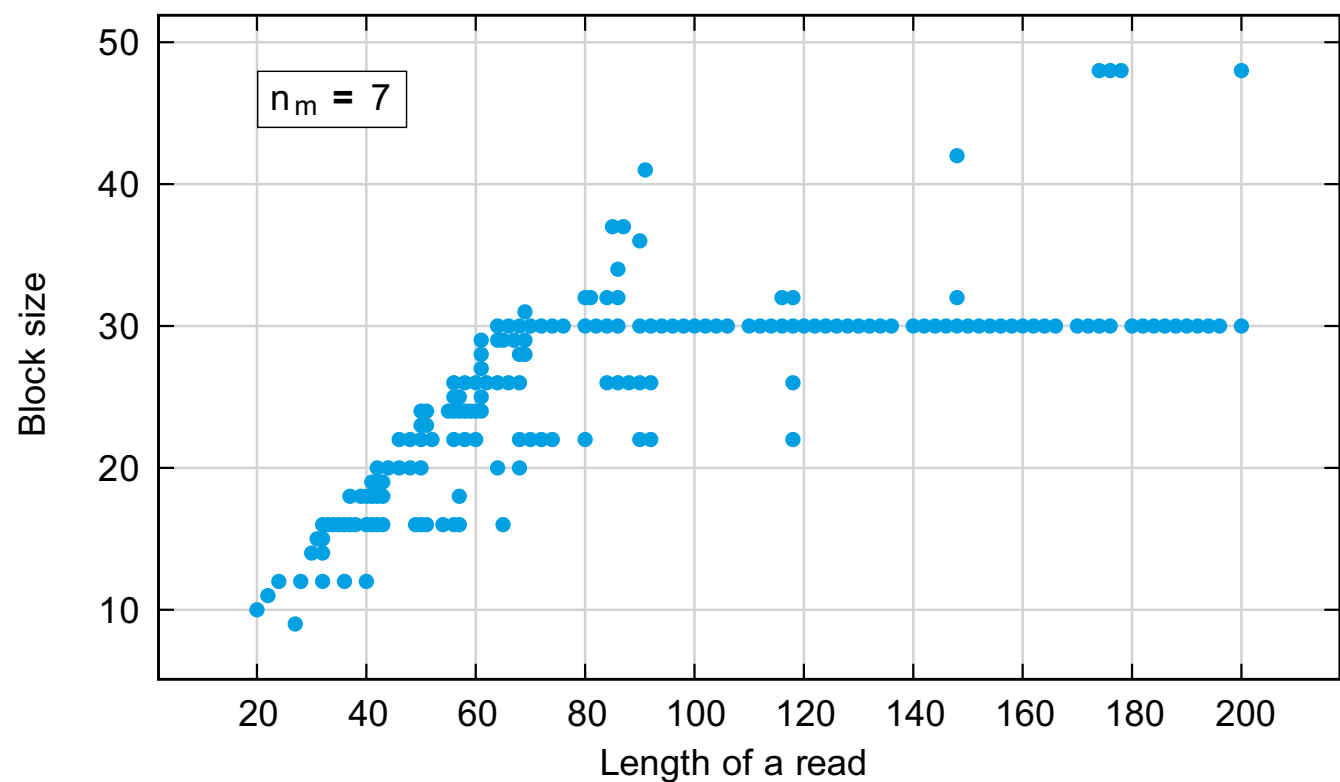
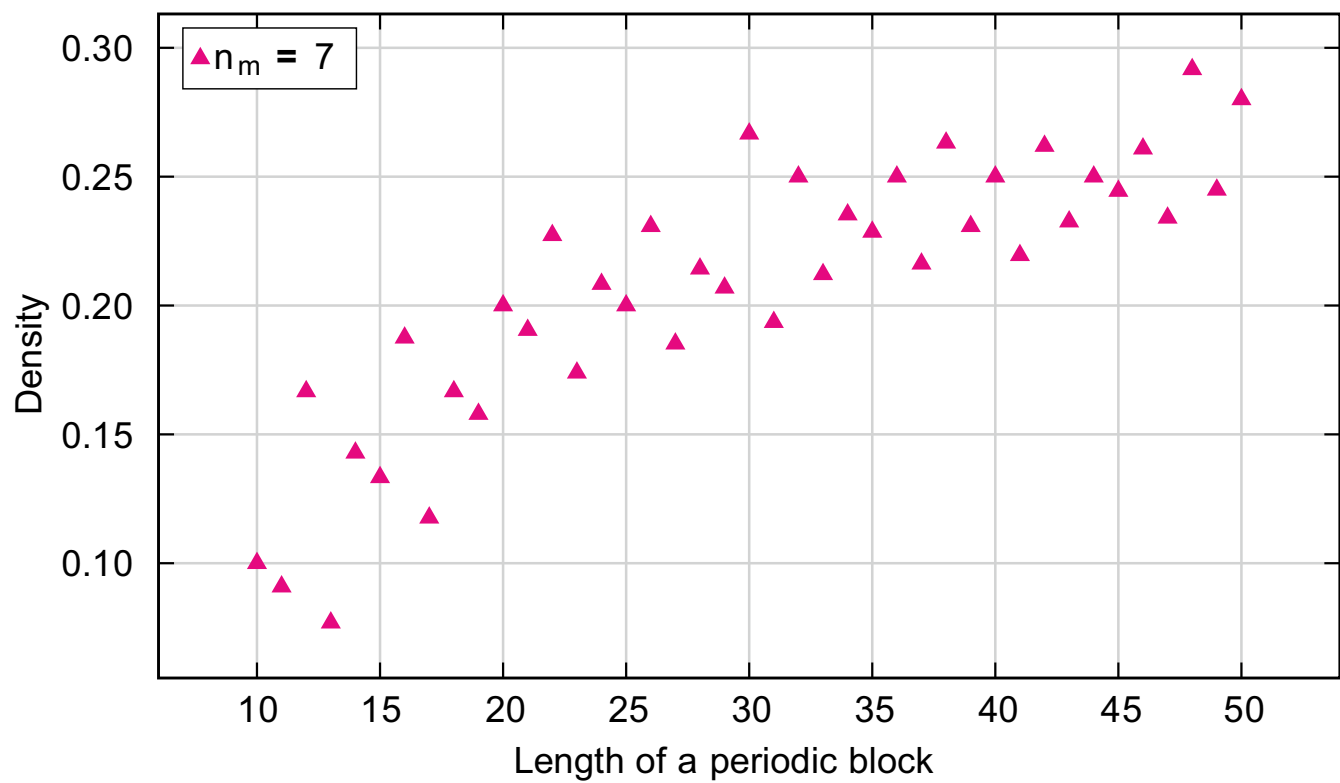


Figure S6: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 7$.

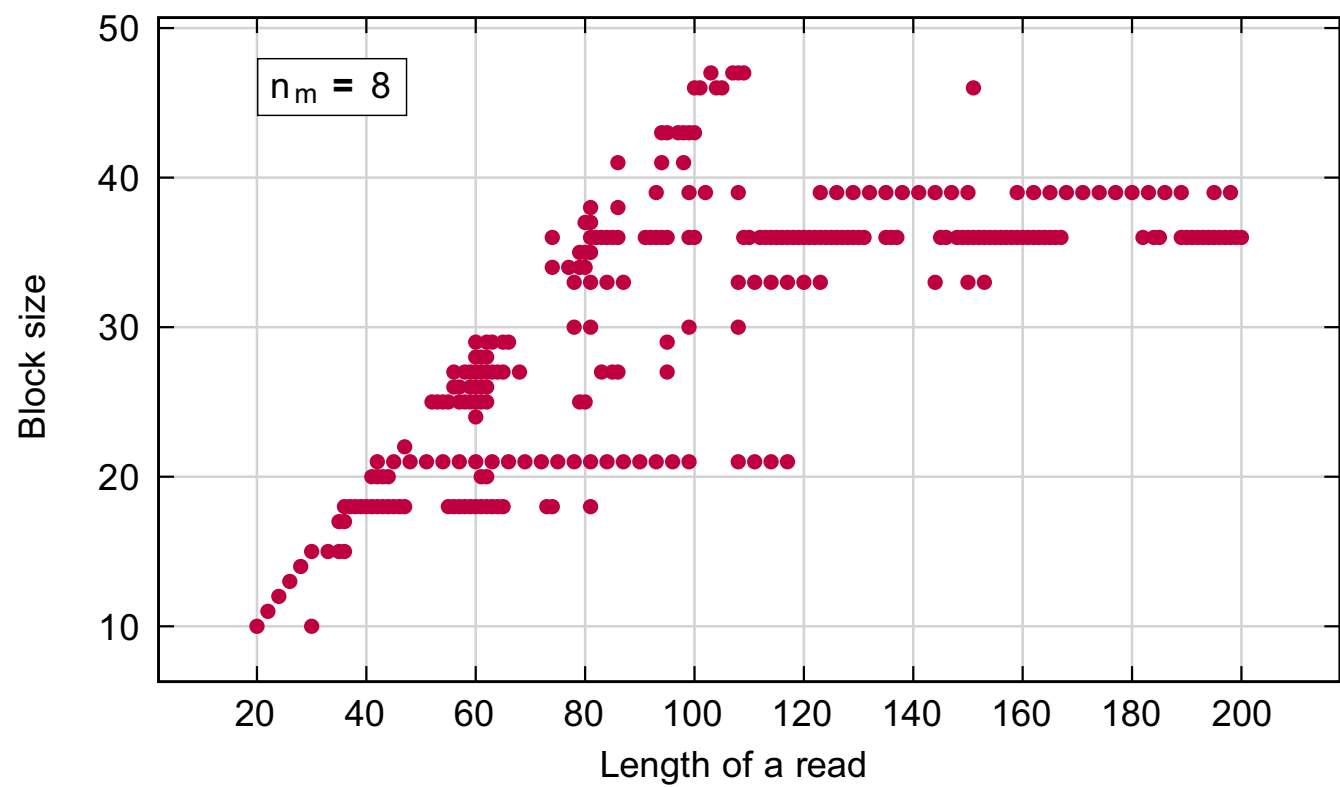
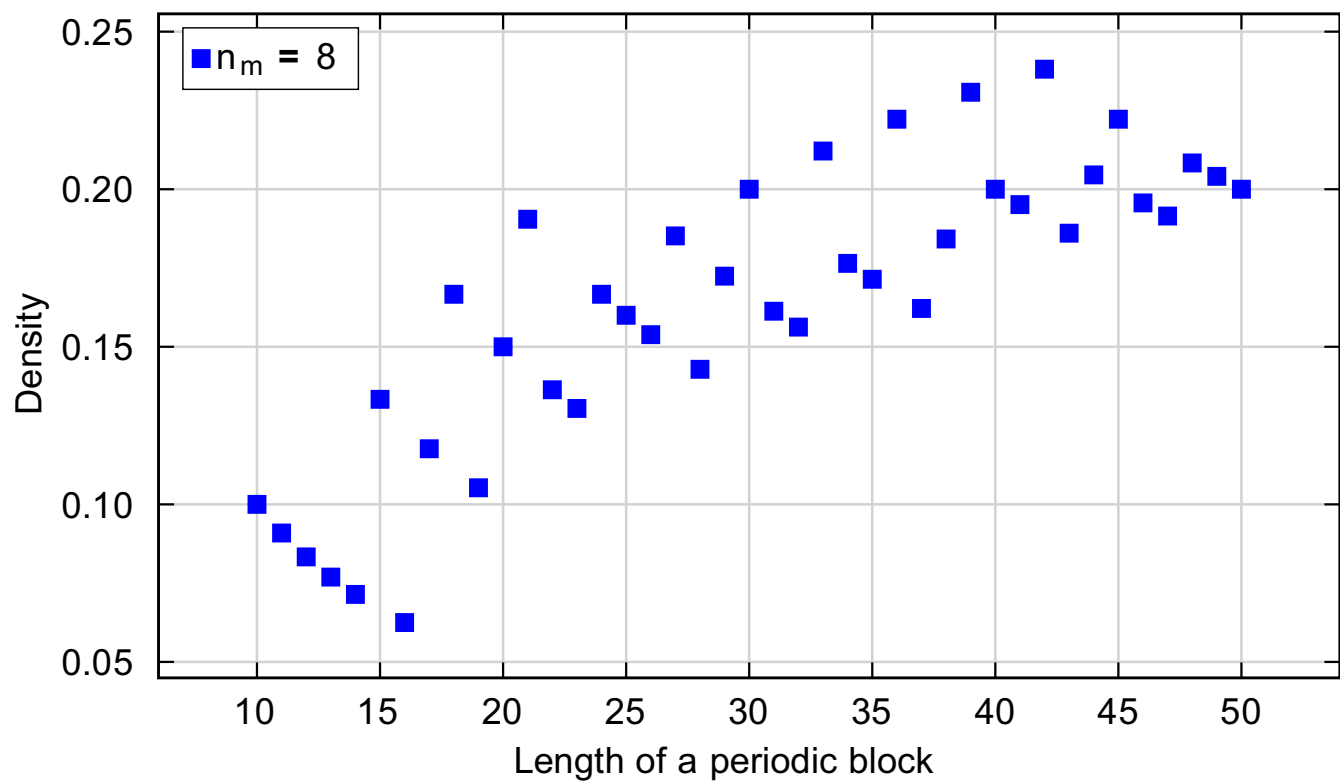


Figure S7: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 8$.

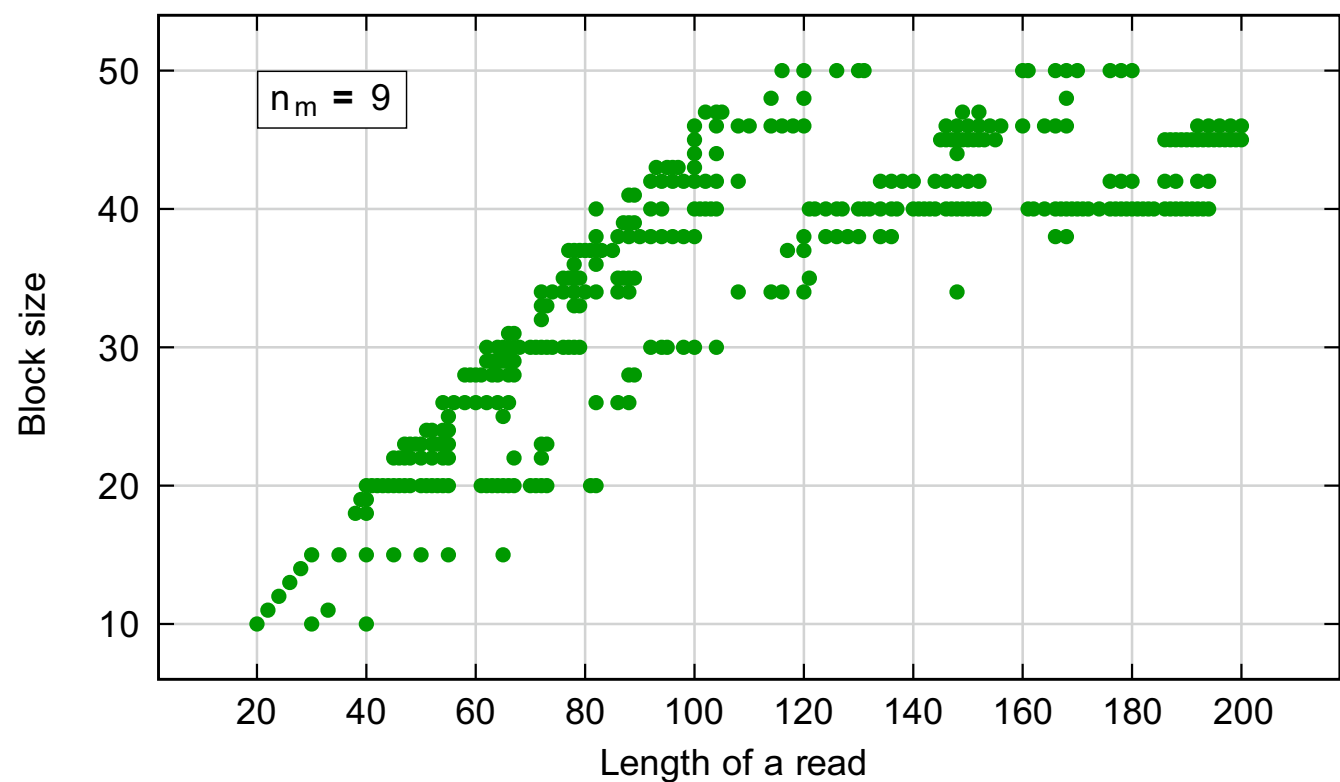
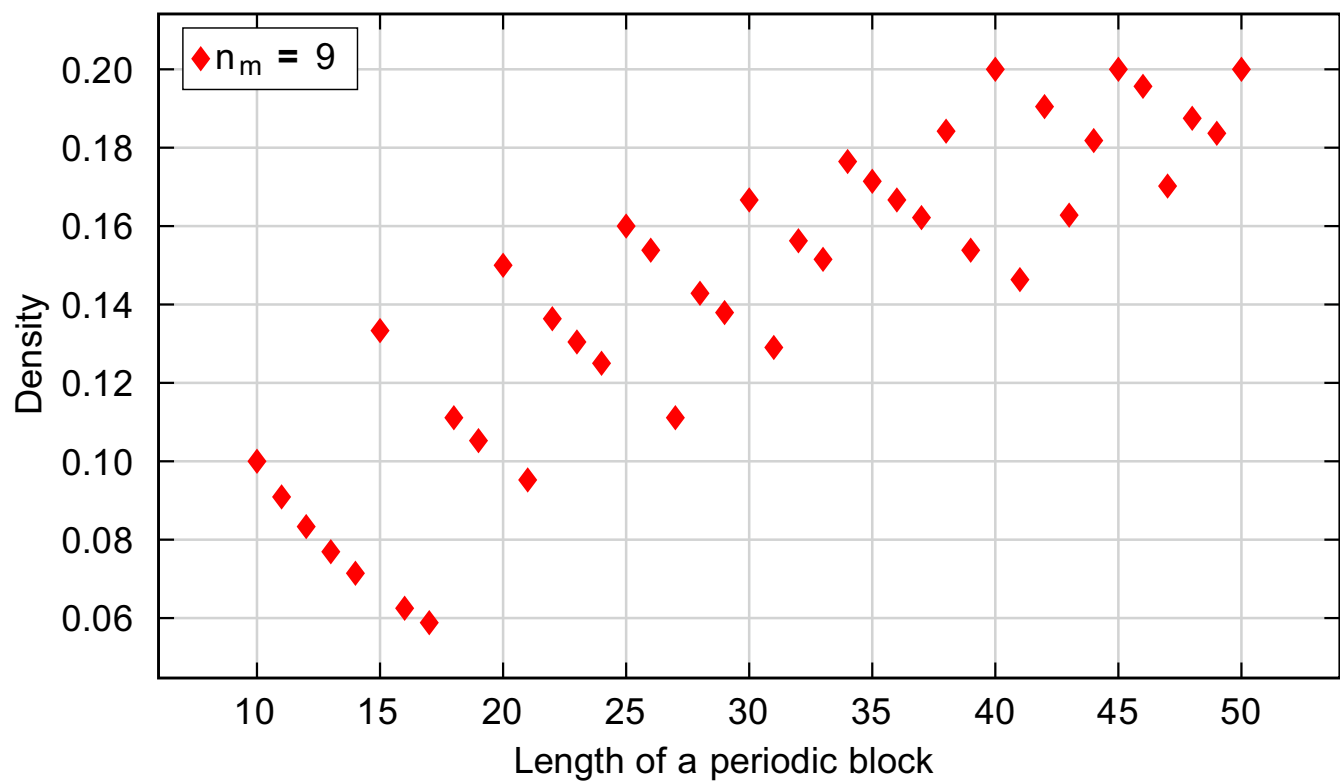


Figure S8: Maximum number of 1-elements per length of periodic blocks (top), sizes of best periodic blocks for a given length of reads (bottom), $n_m = 9$.