



FIG. S6. **Recombination weight in a mesa landscape.** The parameters of the mesa landscape are $L = 100$ and $k = 10$. For $r = 0$ the recombination weight is directly proportional to the fitness and hence equal for all viable genotypes. Already small rates of recombination are sufficient to redistribute the recombination weight such that the weight of genotypes with small Hamming distance is strongly enhanced. Beyond $d = 20$ the recombination weight is identically zero, since the recombinant of two viable genotypes cannot carry more than $2k$ mutations.