



**Figure S15. Number of overlapping 100 kb windows and true positive rate in the empirical tails of XP-EHH for pairs of populations simulated under recent selection.** Strength of selection  $s = 20\%$ , time of selection equal to 62 generations ago. The empirical tail examined is shown above each column, and the x-axes indicate the value of  $F_{ST}$  simulated between Populations 1 and 2 (see Figure S12). Top row y-axis: number of windows overlapping between the empirical tails of populations 1 and 2 (means +/- standard errors over 100 simulations). Bottom row y-axis: as an estimate of true positive rate, the proportion of 100 kb windows in the empirical tails of population 1 that fell within one of the 5 Mb regions in which a selective sweep was simulated (+/- standard deviation over 100 simulations).