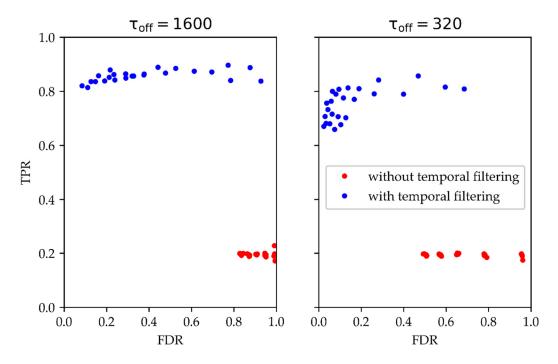
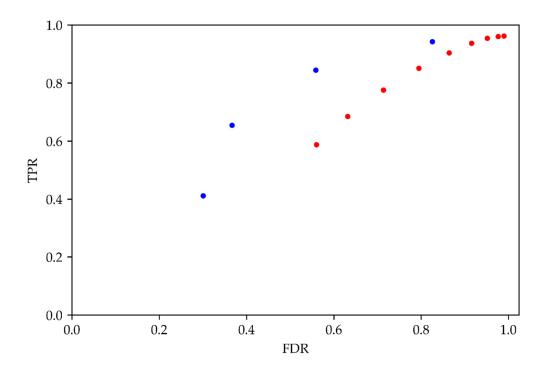
Supplementary Figures



Supplementary Figure 1. Modified ROC Plot for different single molecule blinking scenarios. For the left panel we simulated molecules blinking at low frequency (τ_{on} =16; τ_{off} =1600), for the right panel we simulated blinking at high frequency (τ_{on} =16; τ_{off} =320); B was set to 500. The comparison shows data obtained without (red) and with (blue) temporal filtering. ω_T was set to 80%, analyzed with the algorithm by Gao et al [23].



Supplementary Figure 2: Modified ROC Plot comparing temporal filtering (blue) and median filtering (red). For both simulations, we used τ_{on} =6, τ_{off} =600, B=500; ω_{T} was set to 80%. Data were analyzed with the algorithm by Gao et al [23].