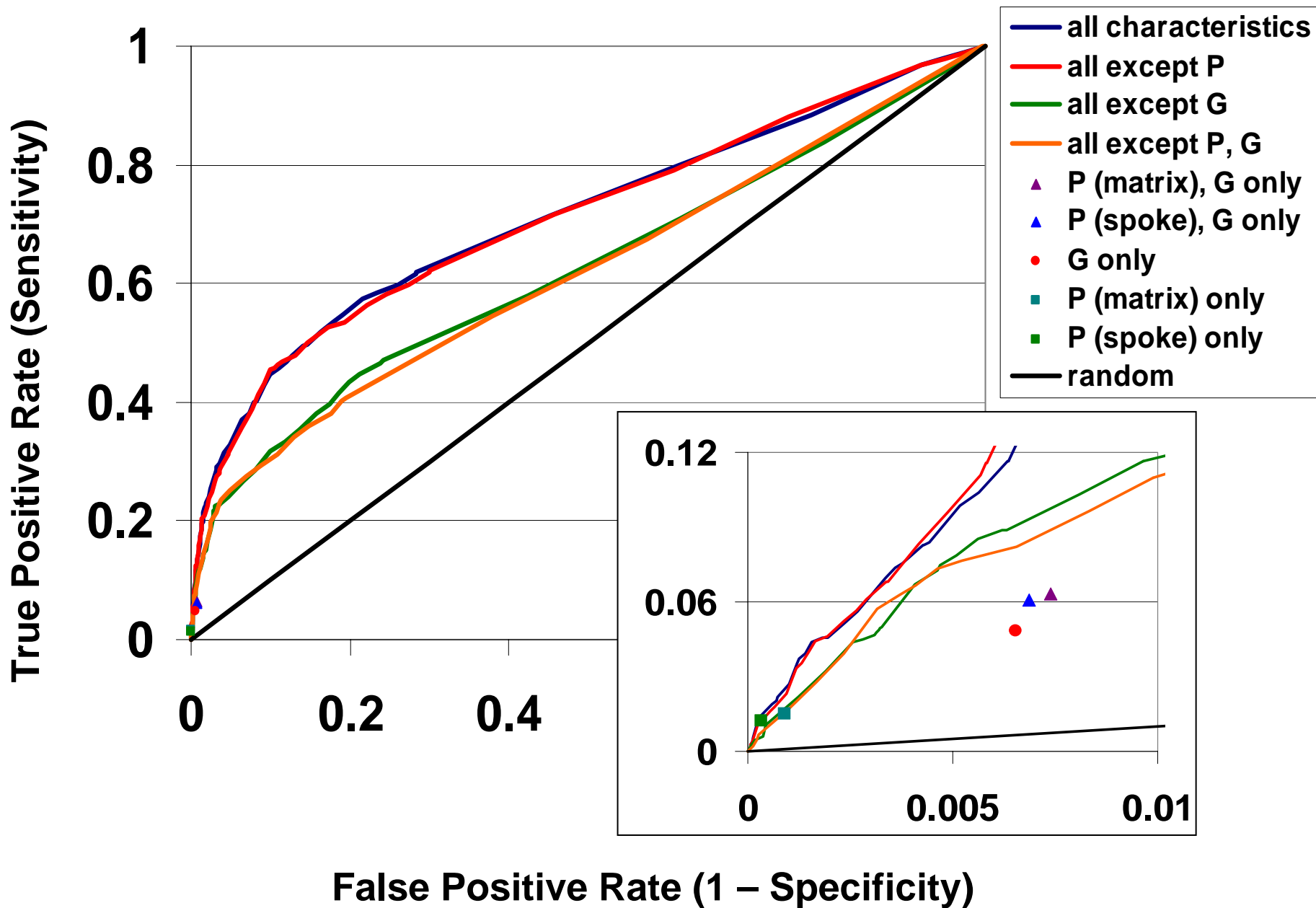


Supplementary Figure 1a



## Supplementary Figure 1b

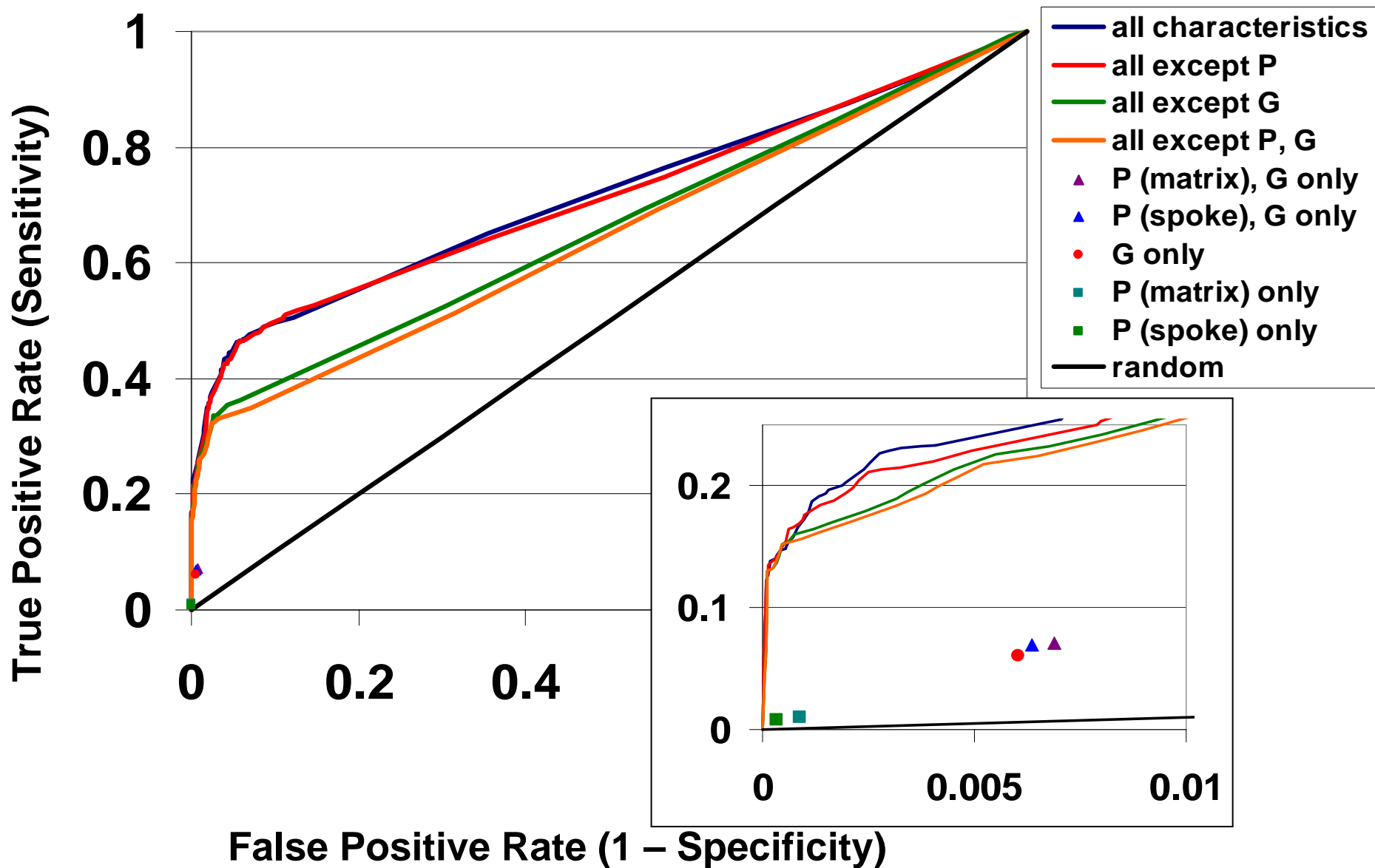
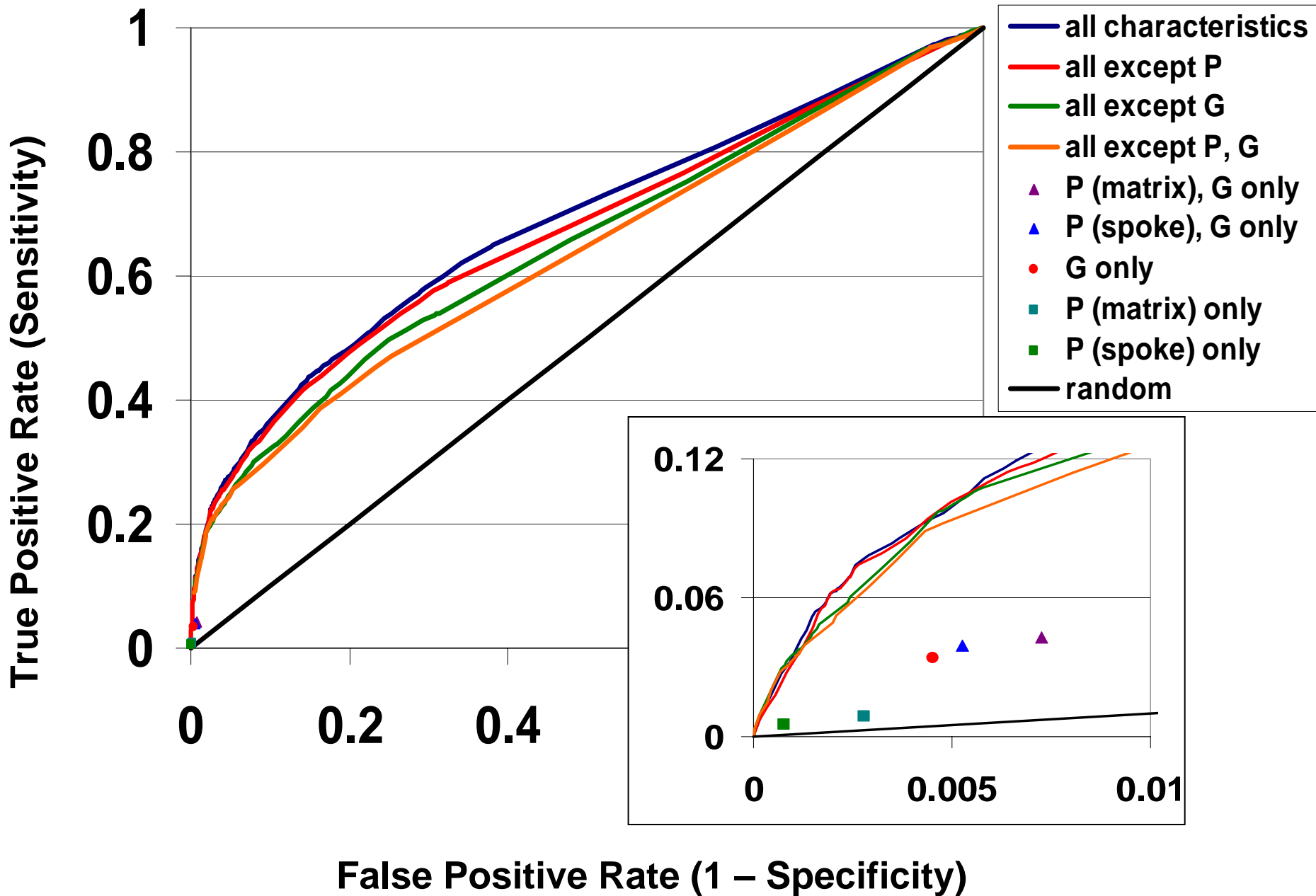
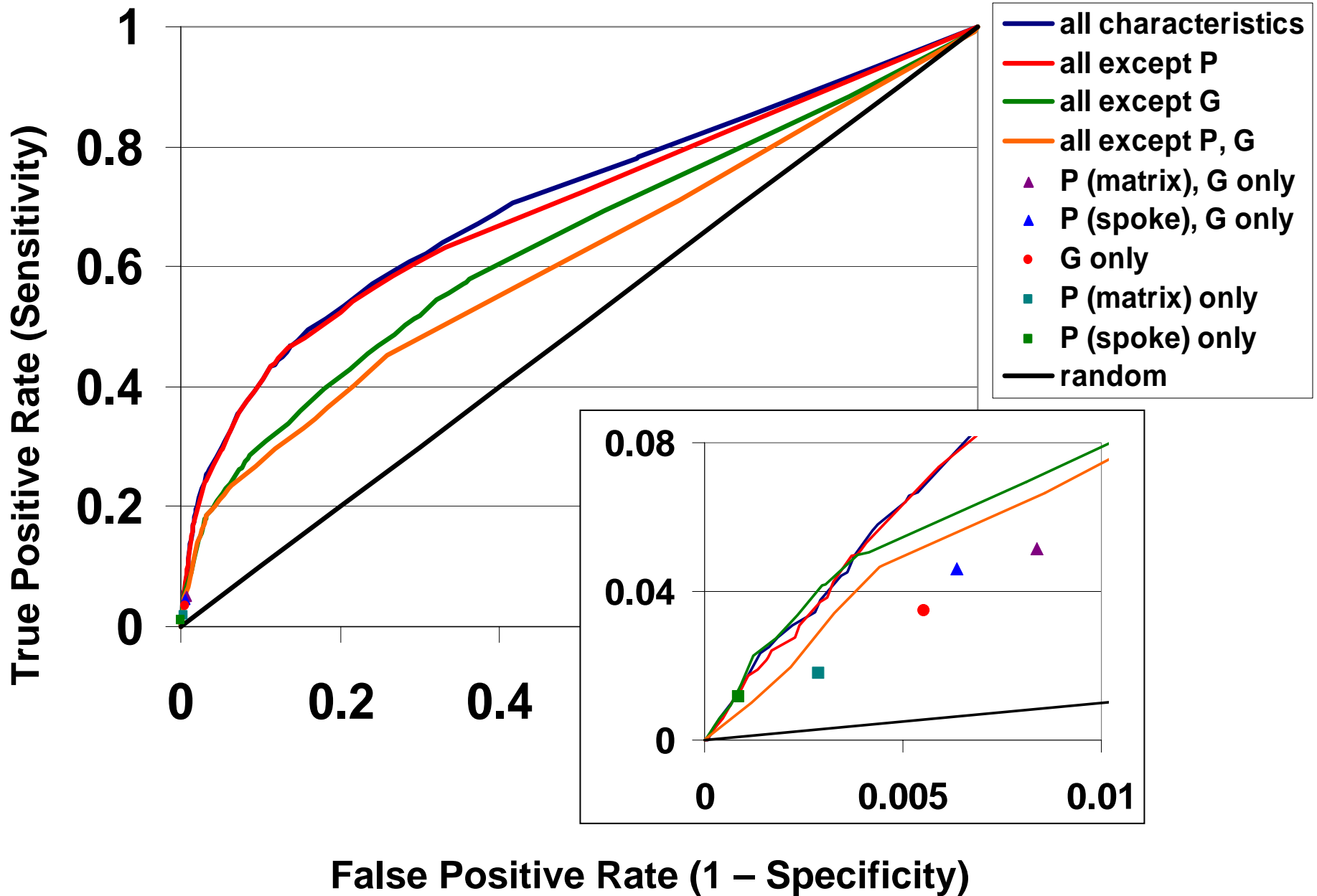


Figure 1. Performance when predicting 'shared component' (a) and 'shared function' (b) with and without genetic (G) [20] and/or Gavin *et al.* physical (P) [11] interaction information.

Supplementary Figure 2a



Supplementary Figure 2b



## Supplementary Figure 2c

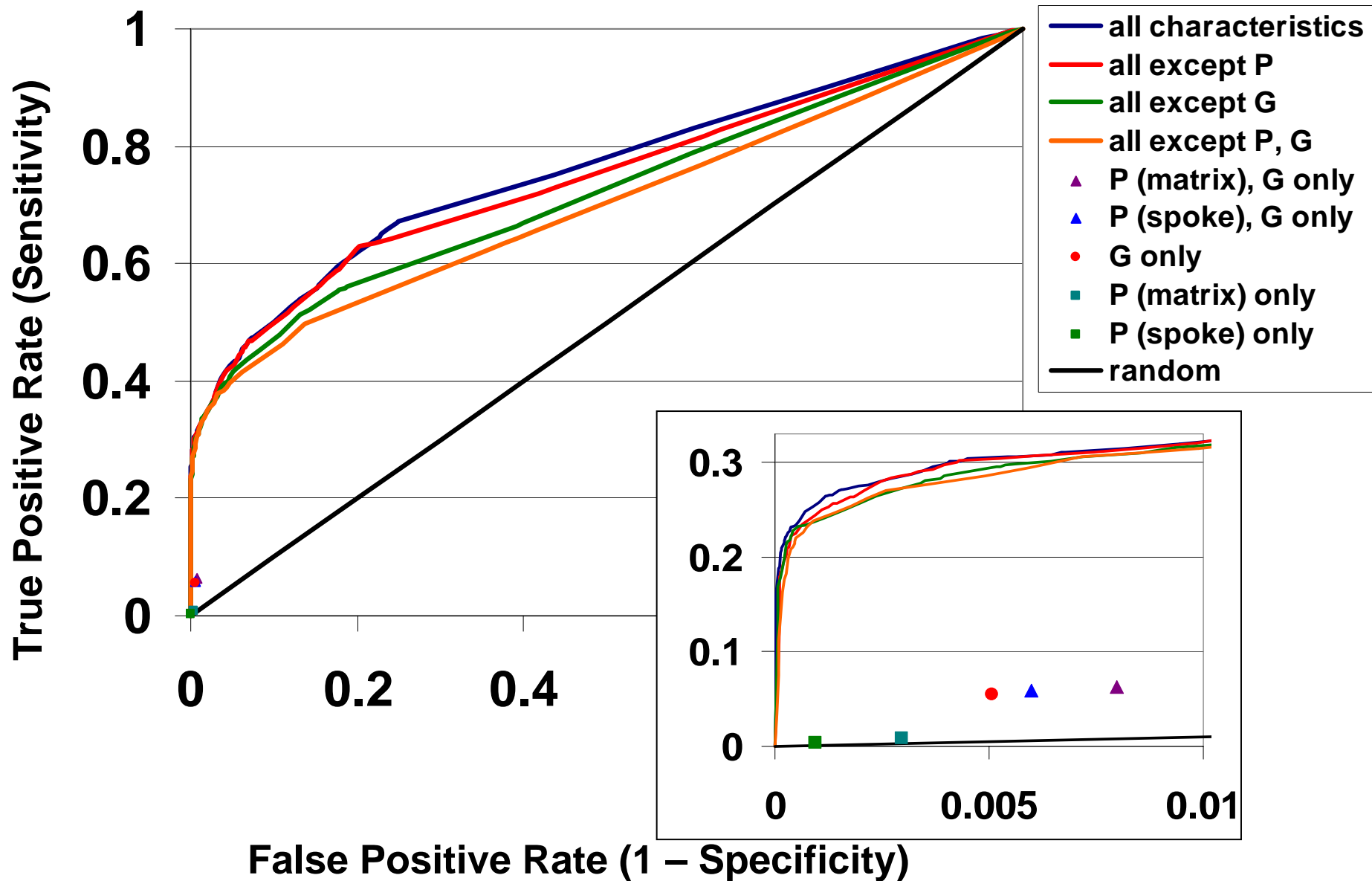
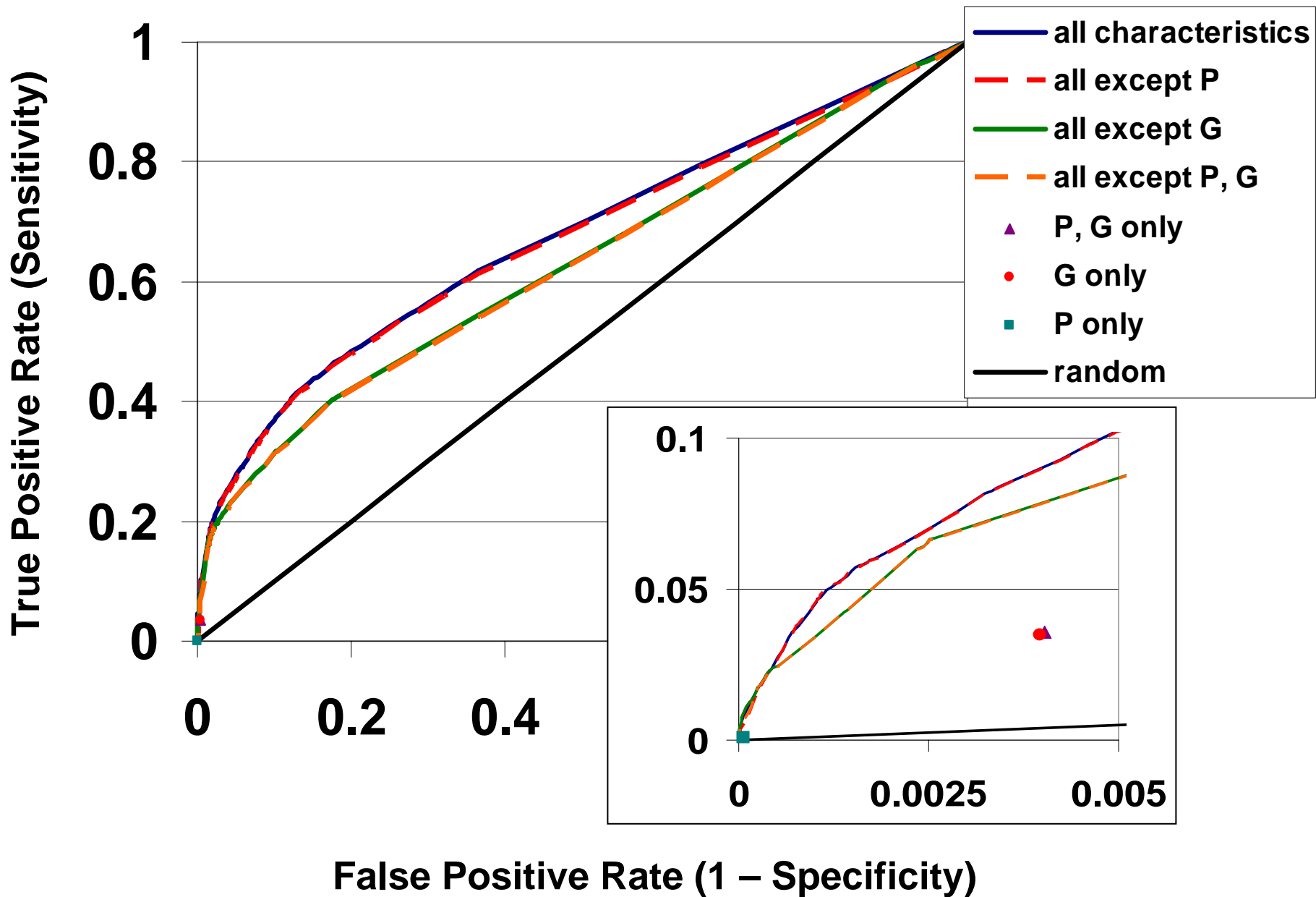
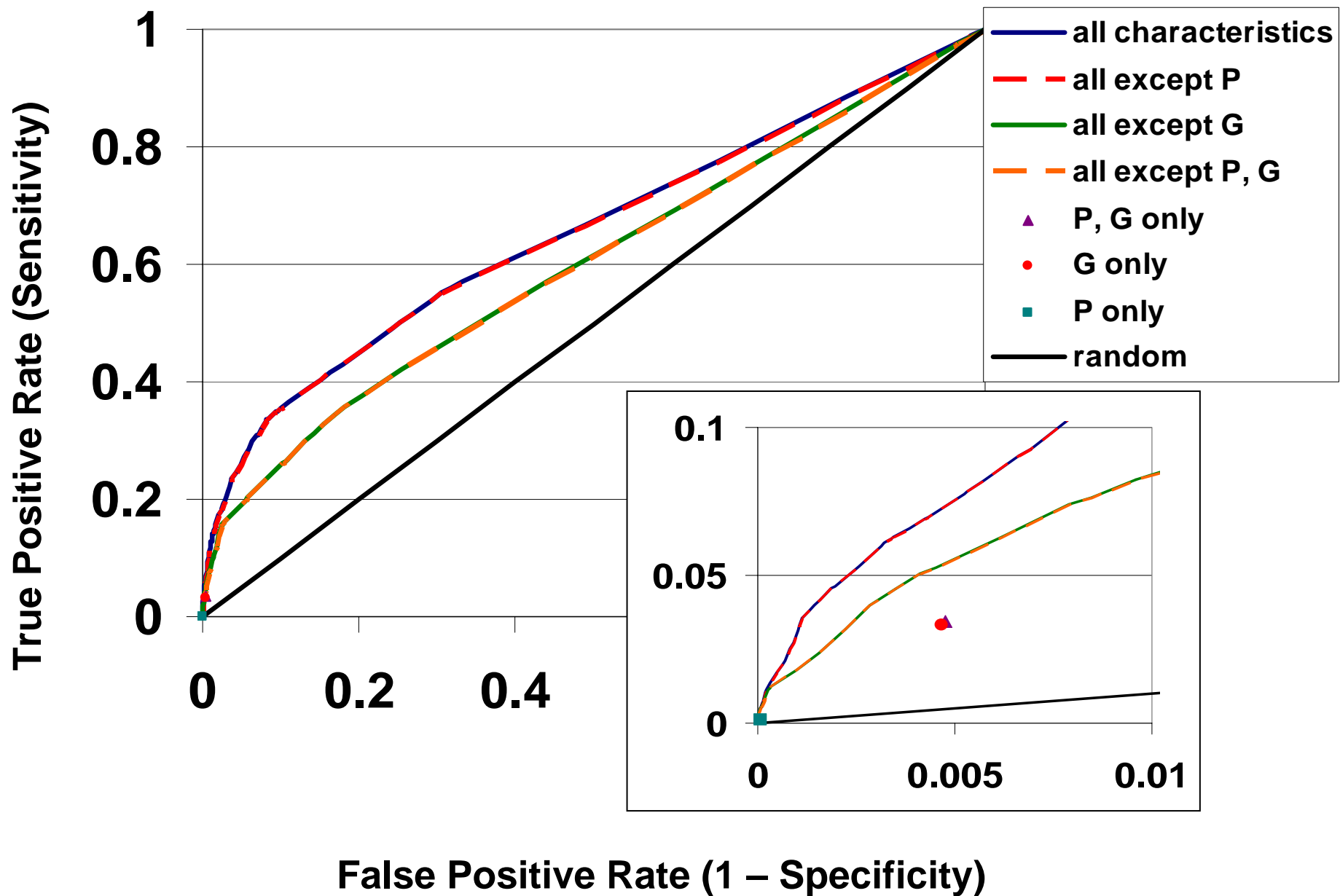


Figure 2. Performance when predicting 'shared process' (a), 'shared component' (b), and 'shared function' (c), with and without genetic (G) [20] and Ho *et al.* physical (P) [9] interaction information.

Supplementary Figure 3a



Supplementary Figure 3b



### Supplementary Figure 3c

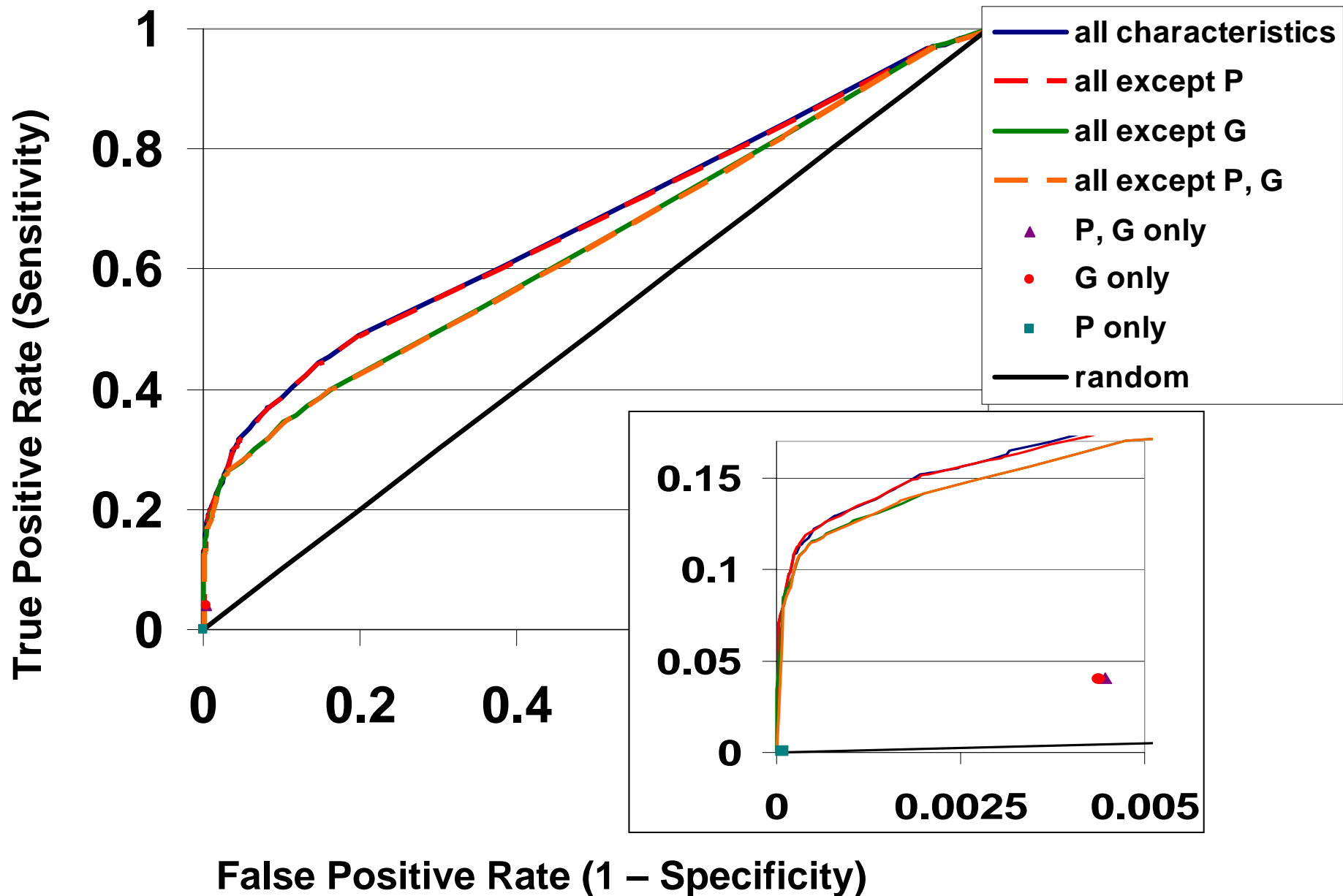


Figure 3. Performance when predicting 'shared process' (a), 'shared component' (b), and 'shared function' (c), with and without genetic (G) [20] and/or yeast two hybrid physical (P) [12,13] interaction information.