Supplementary Material 7. Gender difference in under-reporting hiring discrimination based on the random forest prediction from sensitivity analysis 1

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|  | Total | Prevalence of  hiring discrimination | Prevalence ratio (95% CI) |
| N | N (%) |
| Training sample (“yes” or “no” group) | 3,479 | 686 (19.7)\* | 3.29 (2.80–3.87) |
| Prediction sample (“NA” group) | 97 | 63 (64.9)\*\* |
| Male (n=2,165) |  |  |  |
| Training sample | 2,101 | 395 (18.8)\* | 2.74 (2.13–3.53) |
| Prediction sample | 64 | 33 (51.6)\*\* |
| Female (n=1,411) |  |  |  |
| Training sample | 1,378 | 291 (21.1)\* | 4.30 (3.71–4.99) |
| Prediction sample | 33 | 30 (90.9)\*\* |

\*Observed value, \*\*Predicted value. NA, not applicable.

NA, not available; CI, confidence interval.