Table 2 Decomposition of the gender disparity in the mean predicted noncommunicable disease risk among Iranian adults

Component	Contribution	P	Contribution (%)[a]
Difference [b]	−4.96	< 0.001	100.00
Explained component[c]	−1.71	0.083	34.39
Unexplained component[d]	−3.25	0.007	65.61
Explained component (detailed decomposition)			
Age (years)	−1.18	0.001	23.79
Household assets index	0.01	0.904	−0.15
Educational attainment	−0.39	0.126	7.82
Employment status	−0.03	0.968	0.65
Ethnicity	−0.11	0.618	2.28
Residence	0.00	0.998	0.00
Unexplained component (detailed decomposition)			
Age (years)	−0.73	0.789	14.82
Household assets index	0.04	0.705	−0.79
Educational attainment	0.44	0.311	−8.94
Employment status	−1.80	0.023	36.40
Ethnicity	−0.14	0.903	2.79
Residence	−0.02	0.953	0.38
Unknown variables (constant)[e]	−1.04	0.720	20.96

[a] Average percentage of increase (positive sign) or decrease (negative sign) in the gender risk score disparity.
[b] The male group was the reference category.
[c] Predicted difference (disparity) explained by the different distributions of all predictors between men and women.
[d] Predicted difference (disparity) generated by the different gender effects of the predictors.
[e] Factors not included in the model.