

**Table 2**Comparison of Cross-tabulations with Neural Networks in Female Offspring ( $n = 354$ )

	Likelihood Ratio	Odds Ratio	OR 95% CI (low, high)	Base Rate	BR 95% CI (low, high)	Neural Network
<b>DM</b>				0.08	0.05, 0.11	
Any famhx	3.80	10.12	4.34, 23.1	---	---	---
Specific hx						
M+, F+	12.27	14.78	2.39, 91.46	0.33	0.00, 0.79	0.31
M+, F-	5.04	10.43	4.10, 26.57	0.26	0.12, 0.40	0.34
M-, F+	5.47	8.44	2.74, 26.00	0.22	0.05, 0.40	0.14
M-, F-	---	---	---	0.03	0.01, 0.06	0.09
<b>HTN</b>				0.12	0.08, 0.15	
Any famhx	1.69	4.32	2.25, 8.30	---	---	---
Specific hx						
M+, F+	3.89	7.90	3.47, 17.97	0.40	0.25, 0.55	0.37
M+, F-	2.07	3.55	1.64, 7.70	0.23	0.13, 0.33	0.22
M-, F+	2.12	3.32	1.46, 7.53	0.22	0.11, 0.33	0.32
M-, F-	---	---	---	0.03	0.03, 0.12	0.17
<b>CAD</b>				0.03	0.01, 0.05	
Any famhx	3.18	5.00	1.47, 17.02	---	---	---
Specific hx						
M+, F+	0.00	0.00	---	0.00	---	0.06
M+, F-	3.96	4.46	0.49, 40.24	0.08	0.00, 0.28	0.08
M-, F+	3.58	5.3	1.43, 19.64	0.10	0.00, 0.20	0.15
M-, F-	---	---	---	0.02	0.00, 0.04	0.06

*Abbreviations:* OR, odds ratio; BR, base rate; CI, confidence interval; DM, diabetes mellitus; HTN, hypertension; CAD, coronary artery disease; M, mother; F, father; +, positive for the disease type; -, negative for the disease type; famhx, family history; hx, history.