











Relational Representation of Patient Data							
<i>n</i> features (order of 1000)							1.
	gene ₁	gene ₂	gene ₃	gene ₄		gene _n	class
<i>m</i> samples	x ₁₁ x ₂₁ x ₃₁	x ₁₂ x ₂₂ x ₃₂	x ₁₃ x ₂₃ x ₃₃	x ₁₄ x ₂₄ x ₃₄	 	x _{1n} x _{2n} x _{3n}	→P →N →P
	 x _{m1}	x _{m2}	x _{m3}	x _{m4}		 X _{mn}	→N
	<u>.</u>						·







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Outlook	Temp	Humidity	Windy	class	
Sunny	75	70	true	Play	
Sunny	80	90	true	Don't	
Sunny	85	85	false	Don't	
Sunny	72	95	true	Don't	9 Play samples
Sunny	69	70	false	Play	> 1 mJ sumpres
Overcast	72	90	true	Play	5 Don't
Overcast	83	78	false	Play	5 Don t
Overcast	64	65	true	Play	
Overcast	81	75	false	Play	A total of 14.
Rain	71	80	true	Don't	
Rain	65	70	true	Don't	
Rain	75	80	false	Play	
Rain	68	80	false	Play	
Rain	70	96	false	Play	
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Categ	orical feature	Numerical featu	re			
					1	Usharety art
Instance #	Outlook	Temp	Humidity	Windy	class	
1	Sunny	75	70	true	Play	
2	Sunny	80	90	true	Don't	
3	Sunny	85	85	false	Don't	
4	Sunny	72	95	true	Don't	
5	Sunny	69	70	false	Play	
6	Overcast	72	90	true	Play	
7	Overcast	83	78	false	Play	
8	Overcast	64	65	true	Play	
9	Overcast	81	75	false	Play	
10	Rain	71	80	true	Don't	
11	Rain	65	70	true	Don't	
12	Rain	75	80	false	Play	
13	Rain	68	80	false	Play	
14	Rain	70	96	false	Play	
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