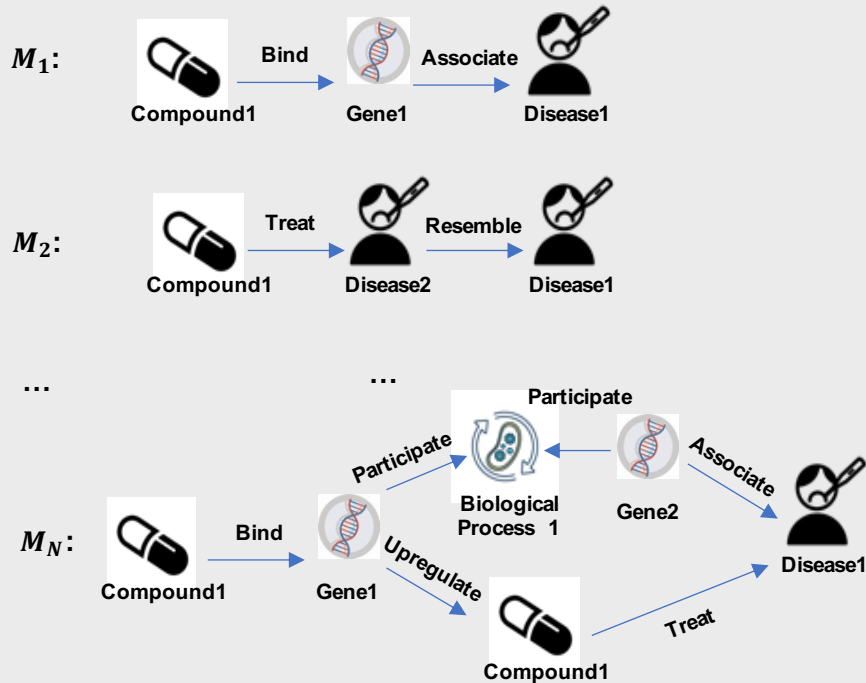


Meta structure



Generating Tabular data

Sample Set

Data object	X_0	X_1	\dots	X_N	Y
(e_1^h, e_1^t)	1	1	\dots	1	0
(e_2^h, e_2^t)	0	0	\dots	1	1
\dots	\dots	\dots	\dots	\dots	\dots
(e_M^h, e_M^t)	0	1	\dots	1	0

$X_i \triangleq (\text{compound1}, \text{disease1}). M_i$

$Y \triangleq (\text{compound1}, \text{disease1}). M_q$

$(e_1^h, e_1^t) = (\text{Varenicline}, \text{Nicotine Dependence})$