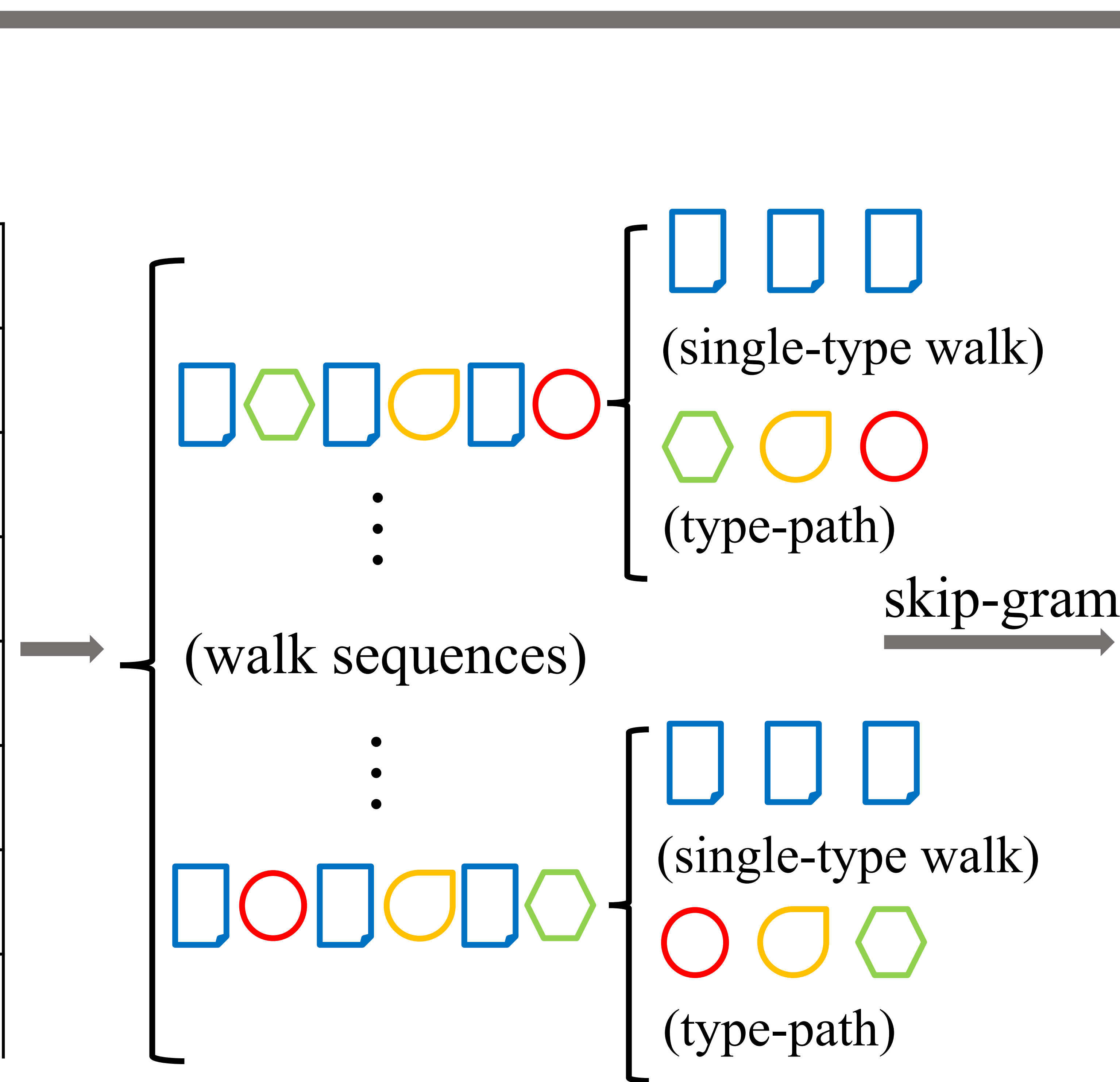


(a) Structure of the DBLP graph

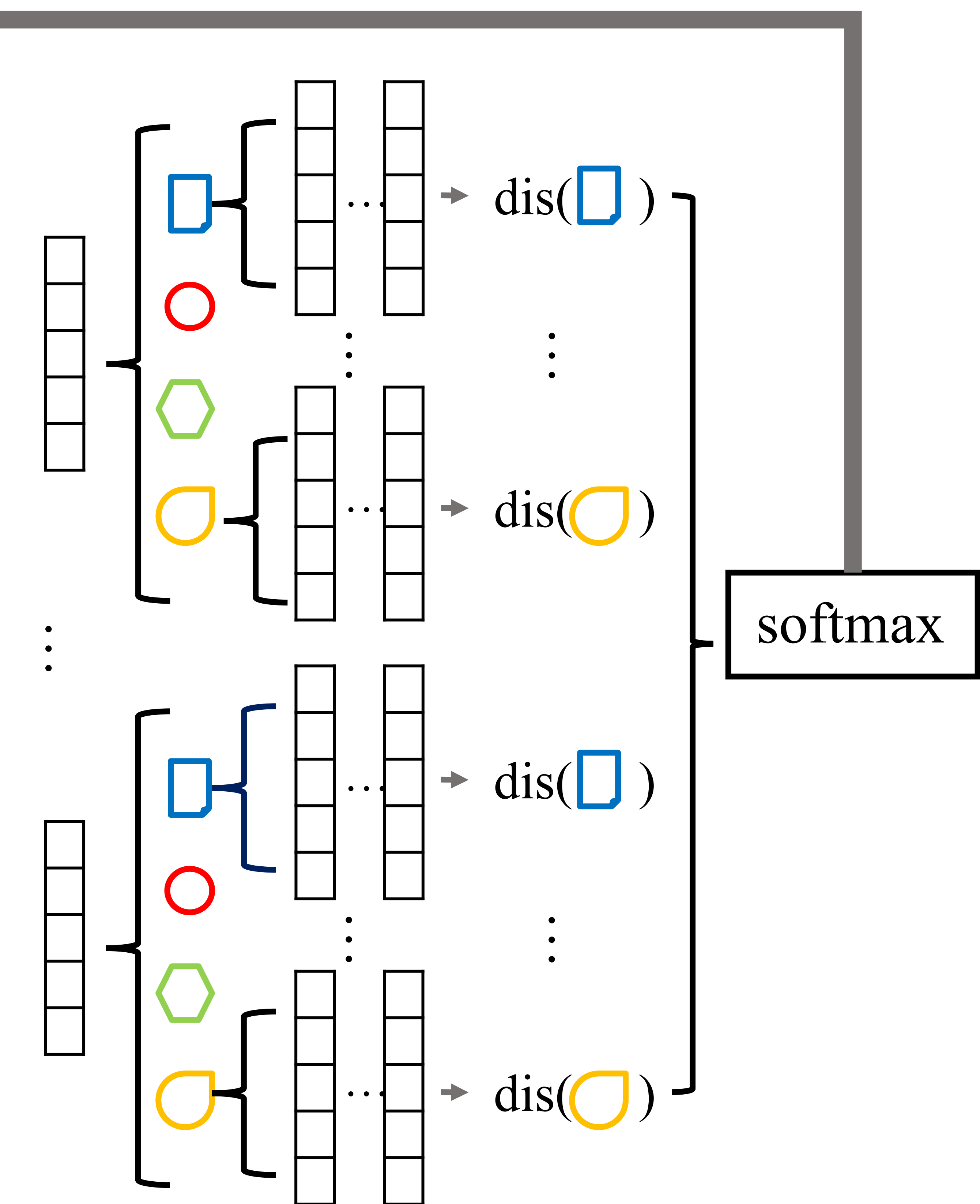
Diagram illustrating the Guidance Matrix, which is a matrix of node types and their associated values.

		Node types			
Nodes	$p_1$	0	0.2	0.1	0.7
	$p_2$	0	0.5	0.3	0.2
	$p_3$	0	0.7	0.1	0.2
	$p_4$	0	0.3	0.4	0.3
	$a_1$	1	0	0	0
	$a_2$	1	0	0	0
	$a_3$	1	0	0	0
	$\vdots$				

(b) The Guidance Matrix



(c) Random walk with recorded path



(d) Optimization of The Guidance Matrix