

## PARAMETRIC CONDITIONAL DISTRIBUTION NETWORK FAMILIES

## Why

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## **Definition**

Let G be a directed graph on  $\{1, \ldots, n\}$ . A parameteric conditional distribution network family is a family of conditional distribution networks  $\{G, \{g_i^{(\theta)}\}_{i=1}^n\}_{\theta \in \Theta}$ . We call the index set  $\Theta$  the parameter set. G does not depend on the parameters.

<sup>&</sup>lt;sup>1</sup>Future editions will include.

