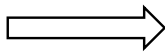
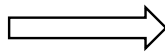


Prior Domain
Knowledge



Decision
Tree Topology

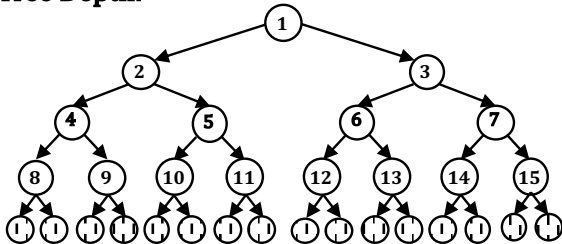


Structure Constrained
Decision Tree (SCDT)

Feature Groups:

- $G_A = \{x_1, \dots, x_{P-1}, x_P\}$
- $G_1 = \{x_1, x_3\}$
- $G_2 = \{x_2, x_4, x_6\}$
- $G_3 = \{x_3, x_5\}$
- $G_4 = \{x_4, x_6, x_7\}$
- $G_5 = \{x_1, x_8\}$
- \vdots

Tree Depth:



SCDT:

