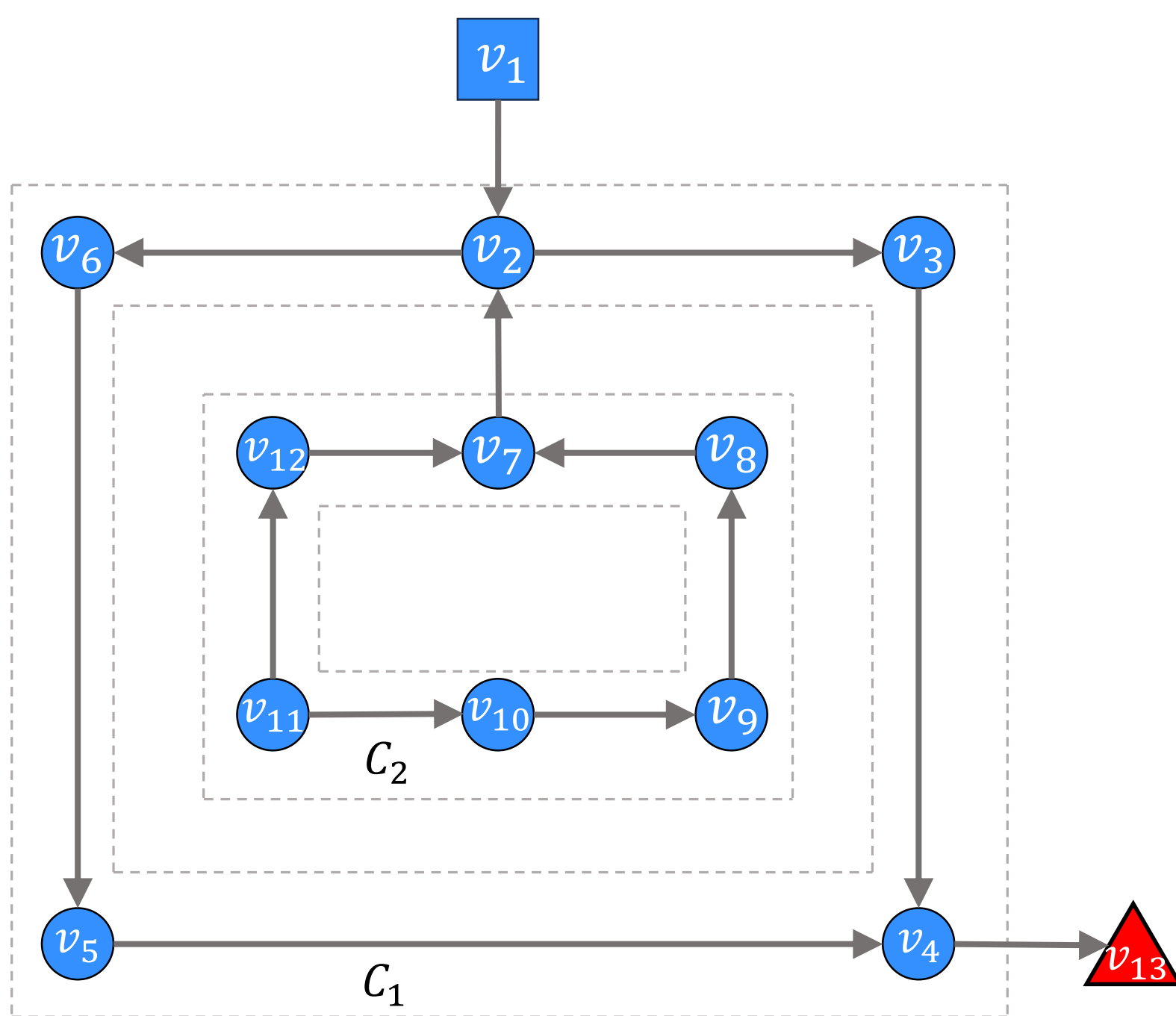




Cycle: $\mathcal{C} = \{C_1, C_2\}$

$$CV_1 = \{v_2, v_3, v_4, v_5, v_6\}$$

$$CV_1^{(1)} = v_2, \dots, CV_1^{(5)} = v_6$$

$$dC_{\text{out},1} = 1, dC_{\text{in},1} = 2, |C_1| = 5$$

$$CV_2 = \{v_7, v_8, v_9, v_{10}, v_{11}, v_{12}\}$$

$$CV_2^{(1)} = v_7, \dots, CV_2^{(6)} = v_{12}$$

$$dC_{\text{out},2} = 1, dC_{\text{in},2} = 0, |C_2| = 6$$

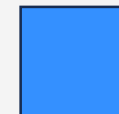
Island: $\text{ISD}(G) = \{v_7, v_8, v_9, v_{10}, v_{11}, v_{12}\}$

Outfall: $\mathcal{O} = \{v_{13}\}$

Source: $\mathcal{S} = \{v_1\}$



junction



source



outfall



directed link