1 Agents update their prior beliefs regarding the observable component of dividends θ_{t+1} according to their own category;

2 Agents compute the average forecast error over payoffs of the nodes they are connected to. The last payoff considered by them in the computation is y_{t-1};

3 Agents use the updating mechanism to obtain their posterior beliefs regarding the observable component of dividends θ_{t+1};

4 The implied expected payoff y_{t+1} is computed;

5 The resulting price p_t and individual demands are computed.