

$$V_{NET}(s_{t+1}) = k V_{MB}(s_{t+1}) + (1 - k) V_{TD}(s_t)$$

$$\delta_t = r_t + \gamma V_{TD}(s_{t+1}) - V_{TD}(s_t)$$

$$V_{TD}(s) \leftarrow V_{TD}(s) + \alpha_{TD} \delta_t$$

$$\delta_t = r_t + \gamma V_{NET}(s_{t+1}) - V_{TD}(s_t)$$