| Information            | FFNN 1         | FFNN 2          | CNN                        |
|------------------------|----------------|-----------------|----------------------------|
| Input frame size       | $80 \times 80$ | $80 \times 80$  | 80 × 80                    |
| Output nodes           | 3              | 3               | 3                          |
| Learning rate $\alpha$ | 0.001          | 0.001           | 0.001                      |
| Discount factor γ      | 0.9            | 0.9             | 0.9                        |
| Activation functions   | ReLU           | ReLU            | ReLU                       |
| Policy network         | 6400:256:3     | 6400:1600:256:3 | 6400:Conv1:Conv2:256:3     |
| -                      |                |                 | Conv1 has 16 of 8×8 kernel |
|                        |                |                 | Conv2 has 32 of 4×4 kernel |