

| Strategy | Path Policy                                   | Reward Aggregation Policy |
|----------|---|---------------------------|
| (1)      | <i>naive-roll-out (pathLength = 20)</i>       | <i>terminal-reward</i>    |
| (2)      | <i>direct-freq-roll-out</i>                   | <i>max-reward</i>         |
| (3)      | <i>direct-freq-roll-out</i>                   | <i>mean-reward</i>        |
| (4)      | <i>direct-freq-roll-out</i>                   | <i>top-2-mean-reward</i>  |
| (5)      | <i>direct-freq-roll-out</i>                   | <i>top-5-mean-reward</i>  |
| (6)      | <i>direct-freq-roll-out</i>                   | <i>top-10-mean-reward</i> |
| (7)      | <i>direct-freq-roll-out</i>                   | <i>random-reward</i>      |
| (8)      | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>max-reward</i>         |
| (9)      | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>mean-reward</i>        |
| (10)     | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>top-2-mean-reward</i>  |
| (11)     | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>top-5-mean-reward</i>  |
| (12)     | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>top-10-mean-reward</i> |
| (13)     | <i>large-freq-roll-out (jumpLength = 10)</i>  | <i>random-reward</i>      |
| (14)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>max-reward</i>         |
| (15)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>mean-reward</i>        |
| (16)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>top-2-mean-reward</i>  |
| (17)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>top-5-mean-reward</i>  |
| (18)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>top-10-mean-reward</i> |
| (19)     | <i>large-freq-roll-out (jumpLength = 20)</i>  | <i>random-reward</i>      |
| (20)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>max-reward</i>         |
| (21)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>mean-reward</i>        |
| (22)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>top-2-mean-reward</i>  |
| (23)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>top-5-mean-reward</i>  |
| (24)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>top-10-mean-reward</i> |
| (25)     | <i>large-freq-roll-out (jumpLength = 50)</i>  | <i>random-reward</i>      |
| (26)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>max-reward</i>         |
| (27)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>mean-reward</i>        |
| (28)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>top-2-mean-reward</i>  |
| (29)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>top-5-mean-reward</i>  |
| (30)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>top-10-mean-reward</i> |
| (31)     | <i>large-freq-roll-out (jumpLength = 100)</i> | <i>random-reward</i>      |