

Tournament outputs

TOP WINNER

```
{'material': 2.466493817746419, 'positioning': 0.3004364353612884, 'threat': 0.12005677072680465}
```

other winners

```
{'material': 2.466493817746419, 'positioning': 0.3004364353612884, 'threat': 0.12005677072680465}
```

```
{'material': 2.466493817746419, 'positioning': 0.3004364353612884, 'threat': 0.12005677072680465}
```

```
{'material': 2.466493817746419, 'positioning': 0.3004364353612884, 'threat': 0.12005677072680465}
```

```
{'material': 2.466493817746419, 'positioning': 0.9744830944364566, 'threat': 3.9980230083002692}
```

```
{'material': 1.1348847189364952, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
```

```
{'material': 2.466493817746419, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
```

```
{'material': 9.595035867576478, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
```

```
{'material': 1.1348847189364952, 'positioning': 0.9744830944364566, 'threat': 3.9980230083002692}
```

```
{'material': 9.752087678141946, 'positioning': 0.11126381956756781, 'threat': 3.5301550563650457}
```

```
{'material': 1.1348847189364952, 'positioning': 0.3004364353612884, 'threat': 3.2042783890521287}
```

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{'material': 1.1348847189364952, 'positioning': 0.3004364353612884, 'threat': 3.2042783890521287}
```

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{'material': 1.1348847189364952, 'positioning': 0.3004364353612884, 'threat': 3.2042783890521287}
```

```
match 54/64
game 54 took 0.9168570200602214 min
match 55/64
game 55 took 1.0980071067810058 min
match 56/64
game 56 took 1.3288026253382366 min
match 57/64
game 57 took 0.6232393344243368 min
match 58/64
game 58 took 0.9767371535301208 min
match 59/64
game 59 took 1.394580058256785 min
match 60/64
game 60 took 1.0695600469907125 min
match 61/64
game 61 took 1.2391290148099263 min
match 62/64
game 62 took 1.1302113771438598 min
match 63/64
game 63 took 1.5734282414118448 min
AGENT
{'material': 9.752087678141946, 'positioning': 0.11126381956756781, 'threat': 3.5301550563650457}
14

AGENT
{'material': 1.1348847189364952, 'positioning': 0.3004364353612884, 'threat': 3.2042783890521287}
7

AGENT
{'material': 2.466493817746419, 'positioning': 0.3004364353612884, 'threat': 0.12005677072680465}
7

AGENT
{'material': 2.466493817746419, 'positioning': 0.9744830944364566, 'threat': 3.9980230083002692}
2

AGENT
{'material': 1.1348847189364952, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
3

AGENT
{'material': 9.595035867576478, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
12

AGENT
{'material': 2.466493817746419, 'positioning': 0.707605138259081, 'threat': 3.9980230083002692}
6

AGENT
{'material': 1, 'positioning': 0.02, 'threat': 0.05}
13
```

Opening AI output:

```
% python3 driver.py 2 b
```

```
r n b q k b n r
p p p p p p p
. . . . .
. . . . .
. . . . .
. . . . .
P P P P P P P
R N B Q K B N R
```

Make a move:

e4

```
r n b q k b n r
p p p p p p p
. . . . .
. . . . .
. . . . P . .
. . . . .
P P P P . P P P
R N B Q K B N R
```

playing Sicilian Defense

```
r n b q k b n r
p p . p p p p
. . . . .
. . p . . . .
. . . . P . .
. . . . .
P P P P . P P P
R N B Q K B N R
```

Make a move:

Nc3

```
r n b q k b n r
p p . p p p p
. . . . .
. . p . . . .
. . . . P . .
. . N . . . .
P P P P . P P P
R . B Q K B N R
```

playing Sicilian, Closed, 6.Be3

```
r . b q k b n r
p p . p p p p
. . n . . . .
. . p . . . .
. . . . P . .
. . N . . . .
P P P P . P P P
R . B Q K B N R
```

Case Base Representation:

```
"A97": {
  "name": "Dutch, Ilyin-Genevsky",
  "boards": [
    [
      "rnbqkbnrppppppp.....P.....PPP.PPPPRNBQKBNR",
      "d4"
    ],
    [
      "rnbqkbnrppppp.pp.....p.....P.....PPP.PPPPRNBQKBNR",
      "f5"
    ],
    [
      "rnbqkbnrppppp.pp.....p....PP.....PP..PPPRNBQKBNR",
      "c4"
    ],
    [
      "rnbqkb.rppppp.pp.....n.....p....PP.....PP..PPPRNBQKBNR",
      "Nf6"
    ],
    [
      "rnbqkb.rppppp.pp.....n.....p....PP.....P.PP..PP.PRNBQKBNR",
      "g3"
    ],
    [
      "rnbqkb.rppppp.pp.....pn.....p....PP.....P.PP..PP.PRNBQKBNR",
      "e6"
    ],
    [
      "rnbqkb.rppppp.pp.....pn.....p....PP.....P.PP..PPBPRNBQK.NR",
      "Bg2"
    ],
    [
      "rnbqk..rppppb.pp.....pn.....p....PP.....P.PP..PPBPRNBQK.NR",
      "Be7"
    ],
    [
      "rnbqk..rppppb.pp.....pn.....p....PP.....NP.PP..PPBPRNBQK..R",
      "Nf3"
    ],
    [
      "rnbq.rk.ppppb.pp.....pn.....p....PP.....NP.PP..PPBPRNBQK..R",
      "O-O"
    ],
    [
      "rnbq.rk.ppppb.pp.....pn.....p....PP.....NP.PP..PPBPRNBQK.RK.",
      "O-O"
    ],
    [
      "rnbq.rk.ppp.b.pp...ppn.....p....PP.....NP.PP..PPBPRNBQK.RK.",
      "d6"
    ],
    [
      "rnbq.rk.ppp.b.pp...ppn.....p....PP.....N..NP.PP..PPBPR.BQ.RK.",
      "Nc3"
    ],
    [
      "rnb.qrk.ppp.b.pp...ppn.....p....PP.....N..NP.PP..PPBPR.BQ.RK.",
      "Qe8"
    ]
  ]
},
```

