

(a)

shots: 2500
active reset: enabled
symmetrization: -1 (exhaustive)
calibration: 1 (plus_eigenstate)
program:

```
DECLARE theta REAL[1]
RX(pi) 0
RY(pi/2) 0
RX(pi/2) 1
CNOT 0 1
RZ(2*theta) 1
CNOT 0 1
RX(-pi/2) 1
RY(-pi/2) 0
```

settings:

```
0: Z0_0 * Z0_1->(1+0j)*X0X1
1: Z0_0 * Z0_1->(1+0j)*Y0Y1
2: Z0_0 * Z0_1->(1+0j)*Z0Z1
```

