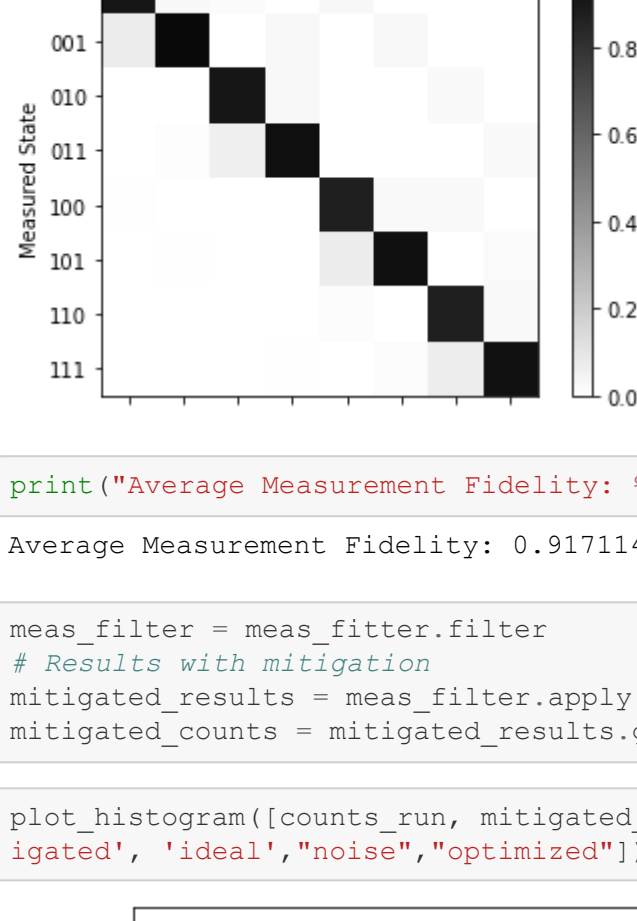



```
[46]: meas_filter = CompleteMeasFilter(cal_results, state_labels, circLabel='mccl')
      meas_filter.plot_calibration()
```



```
In [47]: print("Average Measurement Fidelity: %f" % meas_filter.readout_fidelity())
Average Measurement Fidelity: 0.917114
```

```
In [48]: meas_filter = meas_filter.filter
# Results with mitigation
mitigated_results = meas_filter.apply(result_r)
mitigated_counts = mitigated_results.get_counts()
```

```
In [49]: plot_histogram([counts_run, mitigated_counts, counts_sin, counts_noise, counts_opt], legend=['raw', 'mitigated', 'ideal', 'noise', 'optimized'])
```



```
In [ ]:
```