```
sklearn accuracy: 1.0
1 1 0 2 0 0 0 0 1 1 0 2 0 1 1 2 0]
mean: {'0': array([1.37304878e+01, 1.94707317e+00, 2.44975610e+00,
1.71024390e+01,
      1.06634146e+02, 2.82853659e+00, 2.94024390e+00, 3.01707317e-01,
      1.85121951e+00, 5.56780488e+00, 1.05097561e+00, 3.08853659e+00,
      1.11280488e+03]), '1': array([1.22424e+01, 1.96260e+00, 2.23280e+00,
2.05240e+01, 9.51400e+01,
      2.25360e+00, 2.04680e+00, 3.50800e-01, 1.71220e+00, 2.96080e+00,
      1.05892e+00, 2.80220e+00, 5.31260e+02]), '2': array([1.30745455e+01,
3.20090909e+00, 2.45424242e+00, 2.15606061e+01,
      9.9272739e+01, 1.68757576e+00, 7.87575758e-01, 4.46363636e-01,
      1.13878788e+00, 7.36272724e+00, 6.73030303e-01, 1.69060606e+00,
      6.24393939e+02])}
variance: {'0': array([2.02950982e-01, 3.95762165e-01, 6.05975015e-02,
7.29535990e+00,
      1.16280785e+02, 1.14880785e-01, 1.37626770e-01, 5.39464604e-03,
      1.46386318e-01, 1.48304152e+00, 1.26624628e-02, 1.08866151e-01,
      3.97256692e+04]), '1': array([2.70046240e-01, 1.10783524e+00,
7.88841600e-02, 1.05854240e+01,
      3.47600400e+02, 2.97211040e-01, 3.66681760e-01, 1.23193600e-02,
      3.59241160e-01, 7.50035360e-01, 3.96851536e-02, 2.28521160e-01,
      2.57562324e+04]), '2': array([2.61655096e-01, 8.79135537e-01,
3.18062443e-02, 4.78420569e+00,
      1.02865014e+02, 1.47394123e-01, 1.02339578e-01, 1.45322314e-02,
      2.12774288e-01, 5.87018938e+00, 1.39726354e-02, 8.49269054e-02,
      1.35632691e+04])}
priors: {'0': 0.33064516129032256, '1': 0.4032258064516129, '2':
0.2661290322580645}
Accuracy
1.0
Confusion Matrix
[[18 0 0]
 [ 0 21 0]
 [ 0 0 15]]
```

2.A:

```
mean: {'0': array([1.37304878e+01, 1.94707317e+00, 2.44975610e+00,
1.71024390e+01,
       1.06634146e+02, 2.82853659e+00, 2.94024390e+00, 3.01707317e-01,
       1.85121951e+00, 5.56780488e+00, 1.05097561e+00, 3.08853659e+00,
       1.11280488e+03]), '1': array([1.22424e+01, 1.96260e+00, 2.23280e+00,
2.05240e+01, 9.51400e+01,
       2.25360e+00, 2.04680e+00, 3.50800e-01, 1.71220e+00, 2.96080e+00,
       1.05892e+00, 2.80220e+00, 5.31260e+02]), '2': array([1.30745455e+01,
3.20090909e+00, 2.45424242e+00, 2.15606061e+01,
       9.92727273e+01, 1.68757576e+00, 7.87575758e-01, 4.46363636e-01,
       1.13878788e+00, 7.36272724e+00, 6.73030303e-01, 1.69060606e+00,
       6.24393939e+02])}
variance: {'0': array([2.02950982e-01, 3.95762165e-01, 6.05975015e-02,
7.29535990e+00,
       1.16280785e+02, 1.14880785e-01, 1.37626770e-01, 5.39464604e-03,
       1.46386318e-01, 1.48304152e+00, 1.26624628e-02, 1.08866151e-01,
       3.97256692e+04]), '1': array([2.70046240e-01, 1.10783524e+00,
7.88841600e-02, 1.05854240e+01,
       3.47600400e+02, 2.97211040e-01, 3.66681760e-01, 1.23193600e-02,
       3.59241160e-01, 7.50035360e-01, 3.96851536e-02, 2.28521160e-01,
       2.57562324e+04]), '2': array([2.61655096e-01, 8.79135537e-01,
3.18062443e-02, 4.78420569e+00,
       1.02865014e+02, 1.47394123e-01, 1.02339578e-01, 1.45322314e-02,
       2.12774288e-01, 5.87018938e+00, 1.39726354e-02, 8.49269054e-02,
       1.35632691e+04])}
priors: {'0': 0.33064516129032256, '1': 0.4032258064516129, '2':
0.2661290322580645}
Accuracy
1.0
Confusion Matrix:
[[18 0 0]
 [ 0 21 0]
 [ 0 0 15]]
2.C)
mean: {'0': array([1.37304878e+01, 1.94707317e+00, 2.44975610e+00,
1.71024390e+01,
       1.06634146e+02, 2.82853659e+00, 2.94024390e+00, 3.01707317e-01,
```

2.B)

```
1.85121951e+00, 5.56780488e+00, 1.05097561e+00, 3.08853659e+00,
       1.11280488e+03]), '1': array([1.22424e+01, 1.96260e+00, 2.23280e+00,
2.05240e+01, 9.51400e+01,
       2.25360e+00, 2.04680e+00, 3.50800e-01, 1.71220e+00, 2.96080e+00,
       1.05892e+00, 2.80220e+00, 5.31260e+02]), '2': array([1.30745455e+01,
3.20090909e+00, 2.45424242e+00, 2.15606061e+01,
       9.92727273e+01, 1.68757576e+00, 7.87575758e-01, 4.46363636e-01,
       1.13878788e+00, 7.36272724e+00, 6.73030303e-01, 1.69060606e+00,
       6.24393939e+021)}
variance: {'0': array([2.02950982e-01, 3.95762165e-01, 6.05975015e-02,
7.29535990e+00,
       1.16280785e+02, 1.14880785e-01, 1.37626770e-01, 5.39464604e-03,
       1.46386318e-01, 1.48304152e+00, 1.26624628e-02, 1.08866151e-01,
       3.97256692e+04]), '1': array([2.70046240e-01, 1.10783524e+00,
7.88841600e-02, 1.05854240e+01,
       3.47600400e+02, 2.97211040e-01, 3.66681760e-01, 1.23193600e-02,
       3.59241160e-01, 7.50035360e-01, 3.96851536e-02, 2.28521160e-01,
       2.57562324e+04]), '2': array([2.61655096e-01, 8.79135537e-01,
3.18062443e-02, 4.78420569e+00,
       1.02865014e+02, 1.47394123e-01, 1.02339578e-01, 1.45322314e-02,
       2.12774288e-01, 5.87018938e+00, 1.39726354e-02, 8.49269054e-02,
       1.35632691e+04])}
priors: {'0': 0.33064516129032256, '1': 0.4032258064516129, '2':
0.2661290322580645}
Accuracy
1.0
[[18 0 0]
 [ 0 21 0]
 [ 0 0 15]]
```