The report returned from the functions is actually a little complicated as it is designed to be easily printed. Things to remember is that dictionaries in Python are unordered, and that the labels are in number format, not human readable format. I have summarized the format below as if we did 5 fold CV on 3 labels, and intentionally put things in a random order.

Report: {

‘weighted avg’: {

‘precision’: [

Cross\_validation\_fold\_1\_precision\_score, Cross\_validation\_fold\_2\_precision\_score, Cross\_validation\_fold\_3\_precision\_score, Cross\_validation\_fold\_4\_precision\_score, Cross\_validation\_fold\_5\_precision\_score

],

‘recall’: [

Cross\_validation\_fold\_1\_recall\_score, Cross\_validation\_fold\_2\_ recall \_score, Cross\_validation\_fold\_3\_ recall \_score, Cross\_validation\_fold\_4\_ recall \_score, Cross\_validation\_fold\_5\_ recall \_score

],

‘f1-score: [

Cross\_validation\_fold\_1\_ f1-score \_score, Cross\_validation\_fold\_2\_ f1-score \_score, Cross\_validation\_fold\_3\_ f1-score \_score, Cross\_validation\_fold\_4\_ f1-score \_score, Cross\_validation\_fold\_5\_ f1-score \_score

],

},

‘2’: {

‘recall’: [

Cross\_validation\_fold\_1\_recall\_score, Cross\_validation\_fold\_2\_ recall \_score, Cross\_validation\_fold\_3\_ recall \_score, Cross\_validation\_fold\_4\_ recall \_score, Cross\_validation\_fold\_5\_ recall \_score

],

‘precision’: [

Cross\_validation\_fold\_1\_precision\_score, Cross\_validation\_fold\_2\_precision\_score, Cross\_validation\_fold\_3\_precision\_score, Cross\_validation\_fold\_4\_precision\_score, Cross\_validation\_fold\_5\_precision\_score

],

‘f1-score: [

Cross\_validation\_fold\_1\_ f1-score \_score, Cross\_validation\_fold\_2\_ f1-score \_score, Cross\_validation\_fold\_3\_ f1-score \_score, Cross\_validation\_fold\_4\_ f1-score \_score, Cross\_validation\_fold\_5\_ f1-score \_score

],

},

‘1’: {

‘precision’: [

Cross\_validation\_fold\_1\_precision\_score, Cross\_validation\_fold\_2\_precision\_score, Cross\_validation\_fold\_3\_precision\_score, Cross\_validation\_fold\_4\_precision\_score, Cross\_validation\_fold\_5\_precision\_score

],

‘recall’: [

Cross\_validation\_fold\_1\_recall\_score, Cross\_validation\_fold\_2\_ recall \_score, Cross\_validation\_fold\_3\_ recall \_score, Cross\_validation\_fold\_4\_ recall \_score, Cross\_validation\_fold\_5\_ recall \_score

],

‘f1-score: [

Cross\_validation\_fold\_1\_ f1-score \_score, Cross\_validation\_fold\_2\_ f1-score \_score, Cross\_validation\_fold\_3\_ f1-score \_score, Cross\_validation\_fold\_4\_ f1-score \_score, Cross\_validation\_fold\_5\_ f1-score \_score

],

},

‘micro avg’: {

‘precision’: [

Cross\_validation\_fold\_1\_precision\_score, Cross\_validation\_fold\_2\_precision\_score, Cross\_validation\_fold\_3\_precision\_score, Cross\_validation\_fold\_4\_precision\_score, Cross\_validation\_fold\_5\_precision\_score

],

‘recall’: [

Cross\_validation\_fold\_1\_recall\_score, Cross\_validation\_fold\_2\_ recall \_score, Cross\_validation\_fold\_3\_ recall \_score, Cross\_validation\_fold\_4\_ recall \_score, Cross\_validation\_fold\_5\_ recall \_score

],

‘f1-score: [

Cross\_validation\_fold\_1\_ f1-score \_score, Cross\_validation\_fold\_2\_ f1-score \_score, Cross\_validation\_fold\_3\_ f1-score \_score, Cross\_validation\_fold\_4\_ f1-score \_score, Cross\_validation\_fold\_5\_ f1-score \_score

],

},

‘macro avg’: {

‘precision’: [

Cross\_validation\_fold\_1\_precision\_score, Cross\_validation\_fold\_2\_precision\_score, Cross\_validation\_fold\_3\_precision\_score, Cross\_validation\_fold\_4\_precision\_score, Cross\_validation\_fold\_5\_precision\_score

],

‘recall’: [

Cross\_validation\_fold\_1\_recall\_score, Cross\_validation\_fold\_2\_ recall \_score, Cross\_validation\_fold\_3\_ recall \_score, Cross\_validation\_fold\_4\_ recall \_score, Cross\_validation\_fold\_5\_ recall \_score

],

‘f1-score: [

Cross\_validation\_fold\_1\_ f1-score \_score, Cross\_validation\_fold\_2\_ f1-score \_score, Cross\_validation\_fold\_3\_ f1-score \_score, Cross\_validation\_fold\_4\_ f1-score \_score, Cross\_validation\_fold\_5\_ f1-score \_score

],

}

}