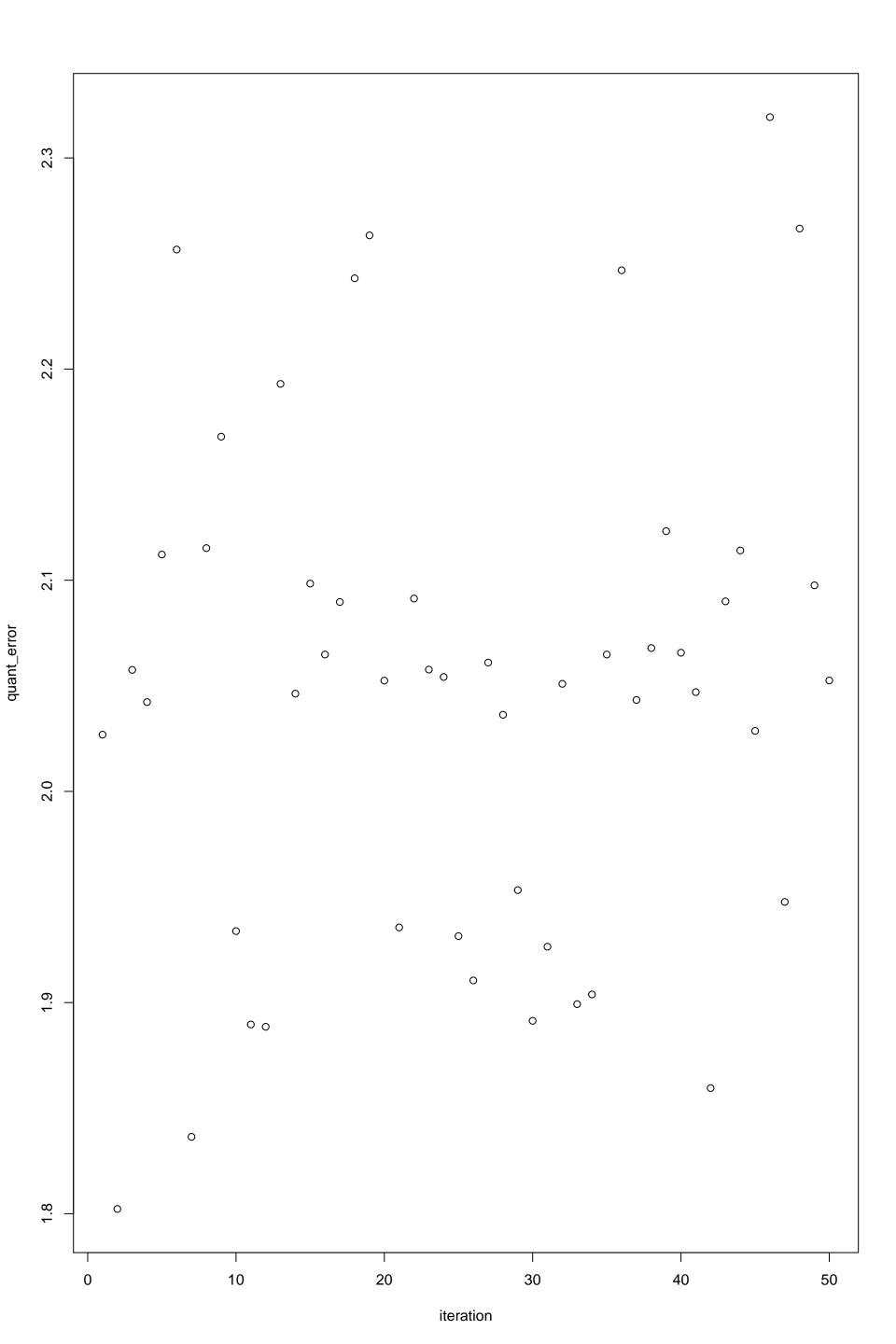
Quantization Error

| | Quantization Enoi | | |
|----|-------------------|------------------|--|
| | iteration | quant_error | |
| 1 | 1 | 2.02688208624588 | |
| 2 | 2 | 1.80226451300958 | |
| 3 | 3 | 2.05753689382361 | |
| 4 | 4 | 2.04230548259476 | |
| 5 | 5 | 2.11217142364162 | |
| 6 | 6 | 2.25660287085283 | |
| 7 | 7 | 1.83640378286094 | |
| 8 | 8 | 2.11521131356857 | |
| 9 | 9 | 2.16798416168613 | |
| 10 | 10 | 1.93383933781463 | |
| 11 | 11 | 1.88961369943665 | |
| 12 | 12 | 1.88852981770756 | |
| 13 | 13 | 2.19298523051123 | |
| 14 | 14 | 2.04628996463474 | |
| 15 | 15 | 2.09839409199067 | |
| 16 | 16 | 2.06481521688312 | |
| 17 | 17 | 2.08969147709782 | |
| 18 | 18 | 2.24298173291781 | |
| 19 | 19 | 2.26331859463444 | |
| 20 | 20 | 2.05245822817308 | |
| 21 | 21 | 1.93557086691718 | |
| 22 | 22 | 2.09132689094205 | |
| 23 | 23 | 2.05768588130114 | |
| 24 | 24 | 2.05416947165194 | |
| 25 | 25 | 1.93146339489649 | |
| 26 | 26 | 1.9104608590433 | |
| 27 | 27 | 2.06101541288527 | |
| 28 | 28 | 2.03629147145804 | |
| 29 | 29 | 1.95326003456742 | |
| 30 | 30 | 1.89134791259816 | |
| 31 | 31 | 1.92644951375714 | |
| 32 | 32 | 2.05093290299995 | |
| 33 | 33 | 1.89925632331262 | |
| 34 | 34 | 1.90382209336138 | |
| 35 | 35 | 2.06480992937922 | |
| 36 | 36 | 2.24678515035004 | |
| 37 | 37 | 2.04329016149077 | |
| 38 | 38 | 2.06789922723772 | |
| 39 | 39 | 2.12322447815581 | |
| 40 | 40 | 2.06566236126257 | |
| 41 | 41 | 2.04702619341979 | |
| 42 | 42 | 1.85948972162137 | |
| 43 | 43 | 2.08999136178198 | |
| 44 | 44 | 2.11409747146968 | |
| 45 | 45 | 2.02862905140295 | |
| 46 | 46 | 2.31930389852008 | |
| 47 | 47 | 1.94765858319468 | |
| 48 | 48 | 2.26654881938844 | |
| 49 | 49 | 2.09758371715284 | |
| 50 | 50 | 2.05252047229757 | |
| | | | |



Confusion Matrix Accuracy

| | iteration | confusion_accuracy |
|----|-----------|----------------------|
| 1 | 1 | 0.454545454545455 |
| 2 | 2 | 0.54545454545454545 |
| 3 | 3 | 0.36363636363636364 |
| 4 | 4 | |
| • | • | 0.454545454545455 |
| 5 | 5 | 0.3636363636364 |
| 6 | 6 | 0.3 |
| 7 | 7 | 0.363636363636364 |
| 8 | 8 | 0.363636363636364 |
| 9 | 9 | 0.3636363636364 |
| 10 | 10 | 0.4 |
| 11 | 11 | 0.272727272727273 |
| 12 | 12 | 0.272727272727273 |
| 13 | 13 | 0.45454545454545 |
| 14 | 14 | 0.363636363636364 |
| 15 | 15 | 0.363636363636364 |
| 16 | 16 | 0.636363636363636 |
| 17 | 17 | 0.363636363636364 |
| 18 | 18 | 0.4545454545455 |
| 19 | 19 | 0.45454545454545 |
| 20 | 20 | 0.363636363636364 |
| 21 | 21 | 0.545454545454545 |
| 22 | 22 | 0.5454545454545 |
| 23 | 23 | 0.454545454545455 |
| 24 | 24 | 0.4545454545455 |
| 25 | 25 | 0.4545454545455 |
| 26 | 26 | 0.454545454545455 |
| 27 | 27 | 0.363636363636364 |
| 28 | 28 | 0.454545454545455 |
| 29 | 29 | 0.545454545454545 |
| 30 | 30 | 0.666666666666666667 |
| 31 | 31 | 0.363636363636364 |
| 32 | 32 | 0.636363636363636 |
| 33 | 33 | 0.454545454545455 |
| 34 | 34 | 0.428571428571429 |
| 35 | 35 | 0.545454545454545 |
| 36 | 36 | 0.454545454545455 |
| 37 | 37 | 0.454545454545455 |
| 38 | 38 | 0.363636363636364 |
| 39 | 39 | 0.363636363636364 |
| 40 | 40 | 0.454545454545455 |
| 41 | 41 | 0.363636363636364 |
| 42 | 42 | 0.545454545454545 |
| 43 | 43 | 0.5 |
| 44 | 44 | 0.363636363636364 |
| 45 | 45 | 0.545454545454545 |
| 46 | 46 | 0.454545454545455 |
| 47 | 47 | 0.454545454545455 |
| 48 | 48 | 0.454545454545455 |
| 49 | 49 | 0.454545454545455 |
| 50 | 50 | 0.454545454545455 |
| | | |

