\begin{table}

\centering

\caption{Accuracy rate (\%) on Yale face database}\label{tYale}

\begin{tabular}{|c|c|c|c|c|c|}

\hline

Num. extracted &\multirow{2}{\*}{LDA} &\multirow{2}{\*}{PCA}&\multirow{2}{\*}{ GLDA-TRA}&\multirow{2}{\*}{BFE}&\multirow{2}{\*}{LSBFE} \\

features &\multirow{2}{\*}{} &\multirow{2}{\*}{} &\multirow{2}{\*}{} & \multirow{2}{\*}{}&\multirow{2}{\*}{} \\

\hline

2 & 40 & 26.67 & 40 &48.33 & 48.33 \\

\hline

4 & 66.67 &63.33 & 66.67 &65 &66.67 \\

\hline

6 & 73.33 & 66.67& 73.33& 78.33 &85 \\

\hline

8 & 76.67 &76.67 &76.67 & 86.67& 88.33\\

\hline

10 & 83.33 & 75& 83.33& 88.33&93.33 \\

\hline

12 & 85 &76.67& 85& 90 &94 \\

\hline

14 & 90 & 76.67& 90& 90 &94\\

\hline

20 & Not Available & 83.33& 91.67&91.17 & 94\\

\hline

25 & Not Available &81.67&91.67& 91.67& 94.33\\

\hline

30& Not Available & 81.67&93.33 &93.33 & 94.67\\

\hline

35 & Not Available & 78.33&91.67 &93.33 &95 \\

\hline

40 & Not Available & 80&90 &93.33& 95\\

\hline

45 & Not Available & 80&90& 91.67 &94.33 \\

\hline

50 & Not Available & 81.67& 86.67&93.33 & 95\\

\hline

55 & Not Available &80& 81.67& 93.33& 94.67\\

\hline

60 & Not Available & 80& 81.67& 93.33&95 \\

\hline

65 & Not Available & 81.67& 81.67 &93.33& 95\\

\hline

70& Not Available & 81.67& 83.33&95 & 95.33\\

\hline

\end{tabular}

\end{table}

\begin{table}

\centering

\caption{Accuracy rate (\%) on ORL face database}\label{tORL}

\begin{tabular}{|c|c|c|c|c|c|}

\hline

Num. extracted &\multirow{2}{\*}{LDA} &\multirow{2}{\*}{PCA}&\multirow{2}{\*}{ GLDA-TRA}&\multirow{2}{\*}{BFE}&\multirow{2}{\*}{LSBFE} \\

features &\multirow{2}{\*}{} &\multirow{2}{\*}{} &\multirow{2}{\*}{} & \multirow{2}{\*}{}&\multirow{2}{\*}{} \\

\hline

2 & 42.5 & 16 & 42.5 &48 & 46 \\

\hline

4 & 77.5 &41.5& 77.5 &78.5 &76 \\

\hline

6 & 83 & 57.5 & 83& 87.5 &88\\

\hline

8 & 89 &68& 89 & 90.2 & 90.4\\

\hline

10 & 91.5& 78& 91.5 & 92.4 &93 \\

\hline

12 & 93.5 &80& 93.5 & 93.7 &94\\

\hline

14 & 92.5 & 83.5& 92.5& 94 &94.3\\

\hline

16 & 94& 83& 94 & 94.5 &94.5\\

\hline

18 & 93 & 83.5& 93 & 94.3 &94.5\\

\hline

20 & 94 & 85& 94 &94.8 & 94.8\\

\hline

22 & 95 & 84& 95 &94.6 & 94.7\\

\hline

24 & 95& 85.5& 95 &94.6 & 94.6\\

\hline

26 & 94&86.5&94 & 94.8 & 94.8\\

\hline

28 & 93.5 &86& 93.5 & 94.6 &95.1\\

\hline

30 & 93.5 & 86& 93.5 & 94.6 &94.7\\

\hline

32 & 94 & 87.5& 94& 94.6 &94.8\\

\hline

34 & 93.5 & 87.5& 93.5 & 94.7 &94.9\\

\hline

36 & 93.5 & 86.5& 93.5 &94.7 & 94.8\\

\hline

38 & 93.5 & 87.5& 93.5 &94.8 & 95.2\\

\hline

40 & Not Available & 87.5 &94.9 &94.7& 95\\

\hline

45 & Not Available & 88&95 & 94.5 &95.3 \\

\hline

50 & Not Available & 88& 94.5 &94.8 & 95.3\\

\hline

55 & Not Available &87.5& 96 & 94.5& 95.7\\

\hline

60 & Not Available & 87.5& 96 & 94.3&95.6 \\

\hline

65 & Not Available & 88& 94.5 &94.3& 96\\

\hline

70& Not Available & 88.5& 93.5 &95 & 95.8\\

\hline

\end{tabular}

\end{table}

\begin{table}

\centering

\caption{Accuracy rate (\%) on COIL-20 database}\label{tCoil}

\begin{tabular}{|c|c|c|c|c|c|}

\hline

Num. extracted &\multirow{2}{\*}{LDA} &\multirow{2}{\*}{PCA}&\multirow{2}{\*}{ GLDA-TRA}&\multirow{2}{\*}{BFE}&\multirow{2}{\*}{LSBFE} \\

features &\multirow{2}{\*}{} &\multirow{2}{\*}{} &\multirow{2}{\*}{} & \multirow{2}{\*}{}&\multirow{2}{\*}{} \\

\hline

2 & 49.27 & 60.14 & 49.72 &70.69 & 75.06 \\

\hline

4 & 66.39 &76.94& 66.39 &84.03 &88.75 \\

\hline

6 & 79.31 & 83.33 & 79.31& 92.08 &92.43 \\

\hline

8 & 81.25 &85&81.25 & 93.83& 94.13\\

\hline

10 & 81.25& 86.52& 81.25& 93.97&94.17 \\

\hline

12 & 82.78 &88.06& 82.78& 93.78 &94.19\\

\hline

14 & 84.03 & 86.39& 84.03& 93.93 &93.97\\

\hline

16 & 82.08 & 86.53& 82.08& 93.78 &94.03\\

\hline

18 & 82.92 & 86.39& 82.92 & 94.08 &94.17\\

\hline

20 & Not Available & 86.67& 82.78&94.19 & 94.19\\

\hline

25 & Not Available &88.19&83.06& 93.87& 94.08\\

\hline

30& Not Available & 87.22&82.78 &94.05 & 94.11\\

\hline

35 & Not Available & 88.89&84.44 &94.03 &94.11 \\

\hline

40 & Not Available & 89.17 &85.14 &94.05& 94.17\\

\hline

45 & Not Available & 88.47&85.42& 93.83 &94.25 \\

\hline

50 & Not Available & 88.19& 85&93.75 & 94.25\\

\hline

55 & Not Available &87.78& 84.58& 93.71& 94.22\\

\hline

60 & Not Available & 87.64& 85.14& 93.78&94.05 \\

\hline

65 & Not Available & 87.22& 85.28 &93.63& 94.19\\

\hline

70& Not Available & 87.22& 86.67&93.47 & 94.22\\

\hline

\end{tabular}

\end{table}