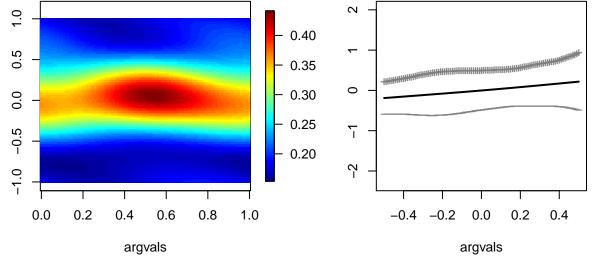
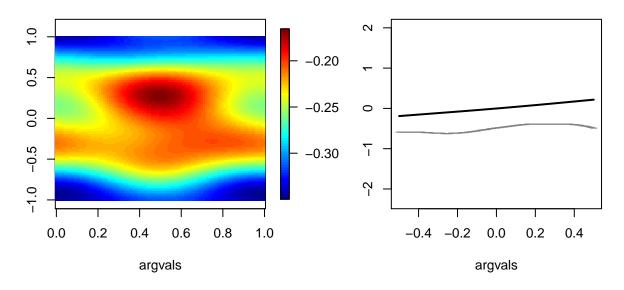
PC 1 (explains 44.12 % of total variability) PC 1 (explains 44.12 % of total variability)

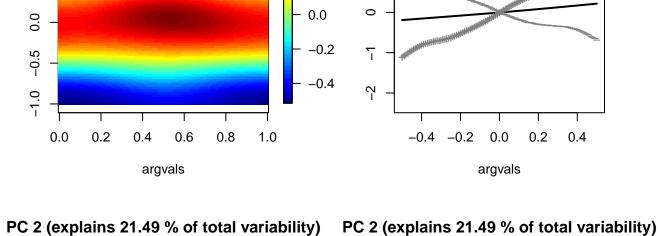


PC 1 (explains 44.12 % of total variability) PC 1 (explains 44.12 % of total variability)



PC 2 (explains 21.49 % of total variability)

PC 2 (explains 21.49 % of total variability)



 $\alpha$ 1.0 0.3 0.5 - 0.2 0.1 0 0.0 0.0 -0.5 ī -0.1-0.27 -1.0 0.0 0.2 0.6 8.0 -0.4 -0.20.0 0.2 0.4 1.0 0.4 argvals argvals

PC 3 (explains 13.13 % of total variability) PC 3 (explains 13.13 % of total variability)  $^{\circ}$ 1.0

PC 3 (explains 13.13 % of total variability)

-1.0

0.0

0.2

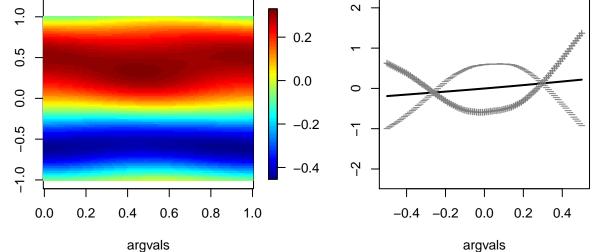
0.4

argvals

0.6

8.0

1.0



1.0  $^{\circ}$ 0.4 0.3 0.5 0.2 0.1 0 0.0 0.0 -0.1-0.5 7

-0.2

-0.3

7

-0.4 -0.2

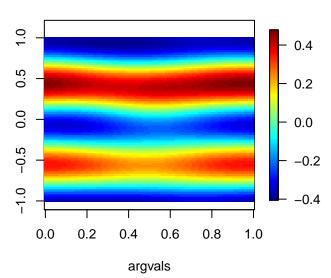
PC 3 (explains 13.13 % of total variability)

0.0

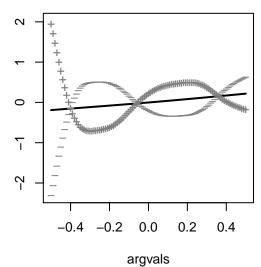
argvals

0.2

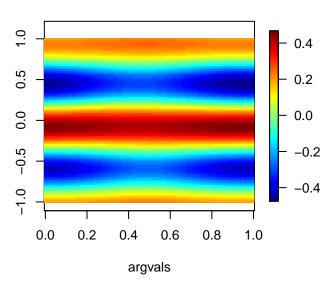
PC 4 (explains 8.5 % of total variability)



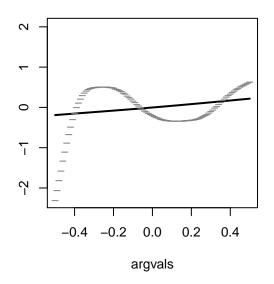
PC 4 (explains 8.5 % of total variability)



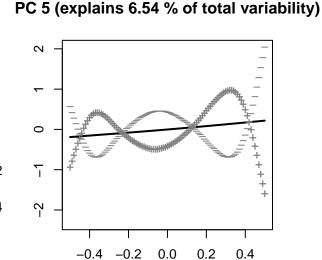
PC 4 (explains 8.5 % of total variability)

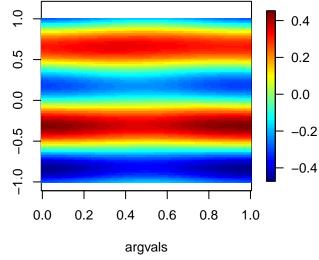


PC 4 (explains 8.5 % of total variability)

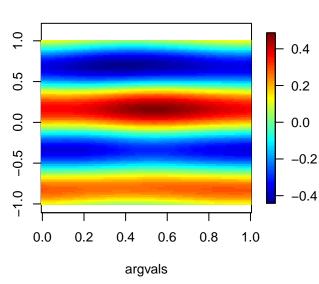


PC 5 (explains 6.54 % of total variability)





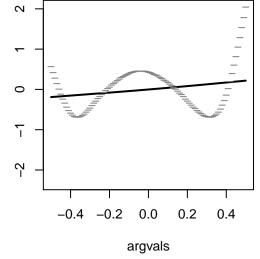
PC 5 (explains 6.54 % of total variability)



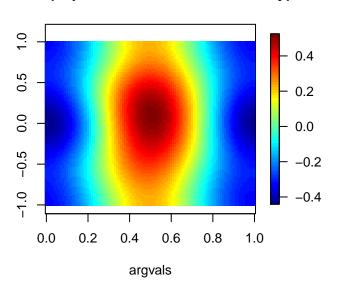
 $\alpha$ 

argvals

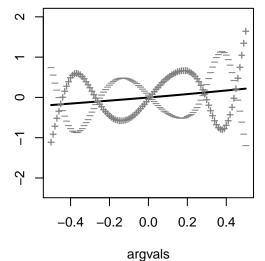
PC 5 (explains 6.54 % of total variability)



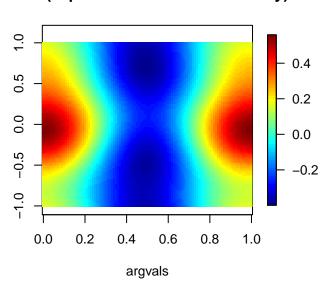
PC 6 (explains 3 % of total variability)



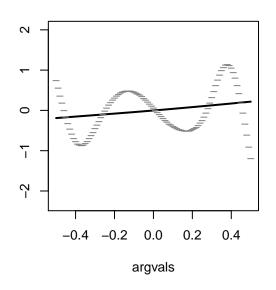
PC 6 (explains 3 % of total variability)



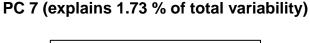
PC 6 (explains 3 % of total variability)

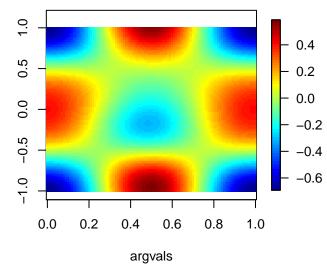


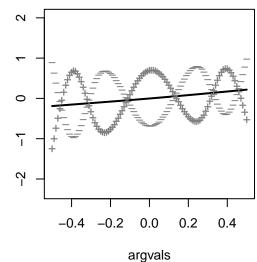
PC 6 (explains 3 % of total variability)



PC 7 (explains 1.73 % of total variability)

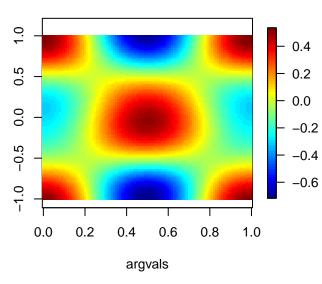


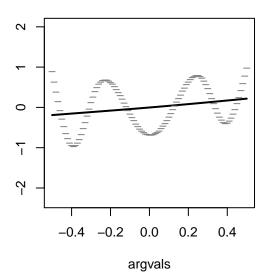




PC 7 (explains 1.73 % of total variability)

PC 7 (explains 1.73 % of total variability)

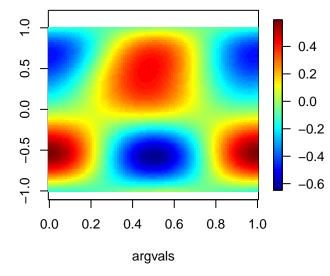


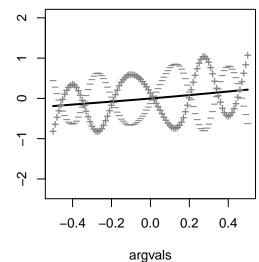


PC 8 (explains 1.15 % of total variability)



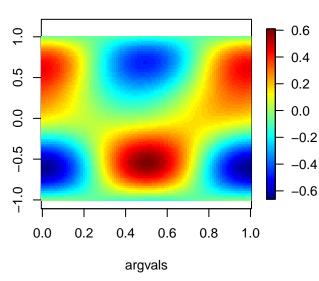
PC 8 (explains 1.15 % of total variability)

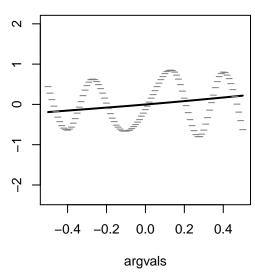




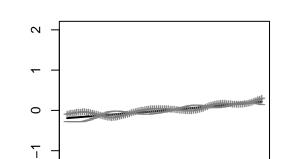
PC 8 (explains 1.15 % of total variability)

PC 8 (explains 1.15 % of total variability)



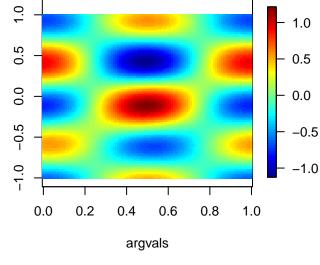


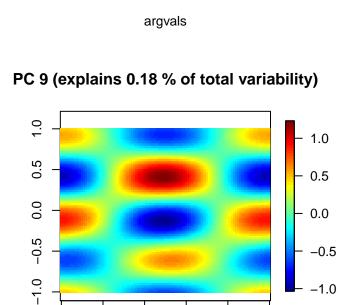
PC 9 (explains 0.18 % of total variability)



7

PC 9 (explains 0.18 % of total variability)





0.6

8.0

1.0

0.4

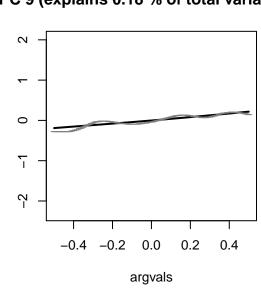
argvals

0.2

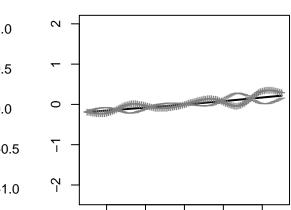
-0.4 -0.2 0.0 0.2 0.4

argvals

PC 9 (explains 0.18 % of total variability)



PC 10 (explains 0.16 % of total variability) 1.0



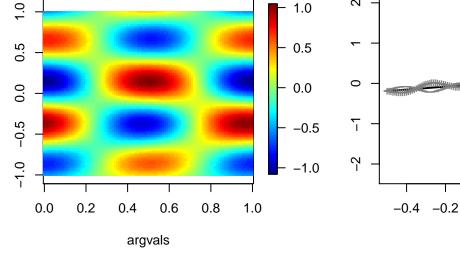
PC 10 (explains 0.16 % of total variability)

0.0

argvals

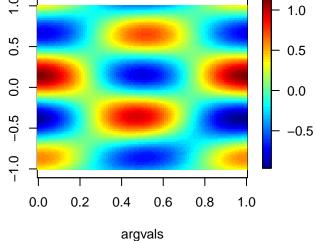
PC 10 (explains 0.16 % of total variability)

0.2

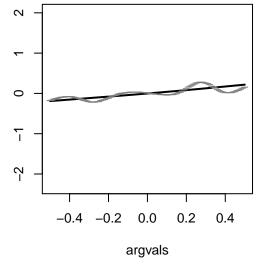


PC 10 (explains 0.16 % of total variability)

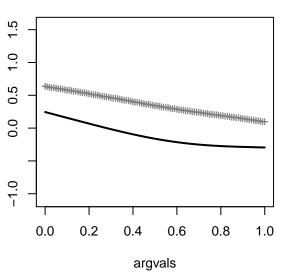
1.0 1.0 0.5 0.5 0.0 0.0



 $\alpha$ 



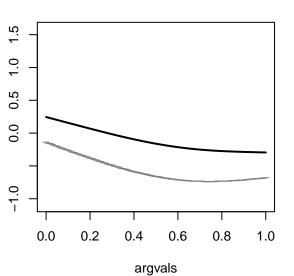
PC 1 (explains 36.8 % of total variability)

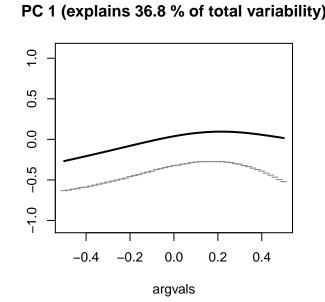


argvals

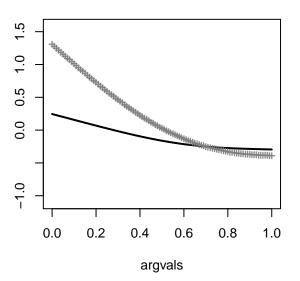
PC 1 (explains 36.8 % of total variability)

PC 1 (explains 36.8 % of total variability)

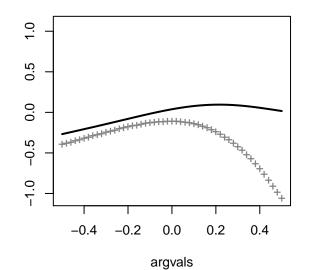




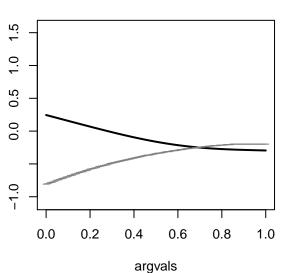
PC 2 (explains 20.84 % of total variability



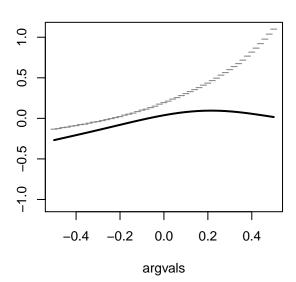
PC 2 (explains 20.84 % of total variability



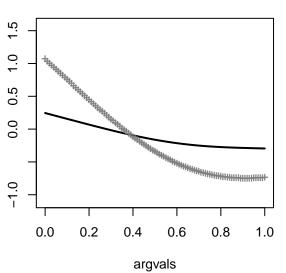
PC 2 (explains 20.84 % of total variability



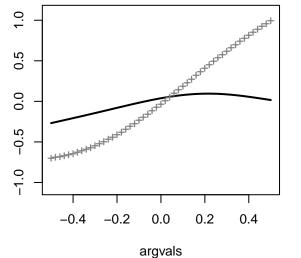
PC 2 (explains 20.84 % of total variability



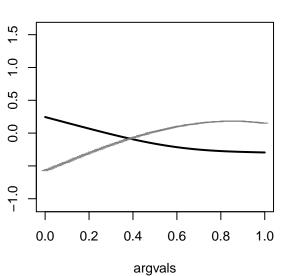
PC 3 (explains 18.5 % of total variability)



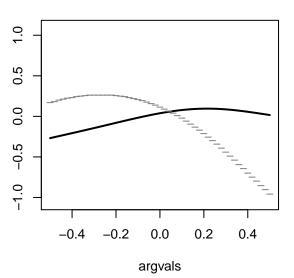
PC 3 (explains 18.5 % of total variability)



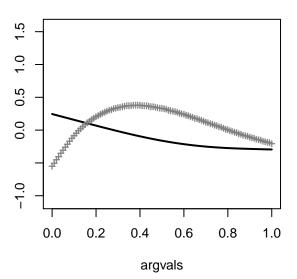
PC 3 (explains 18.5 % of total variability)



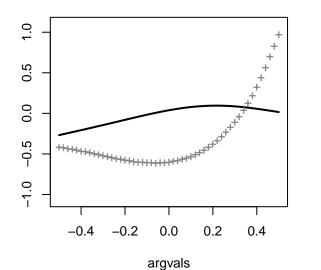
PC 3 (explains 18.5 % of total variability)



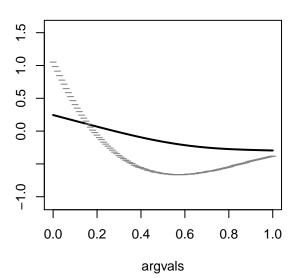
PC 4 (explains 15.36 % of total variability



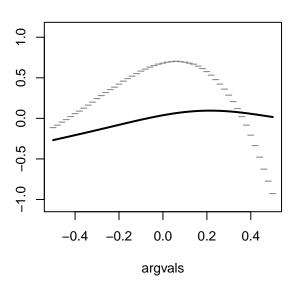
PC 4 (explains 15.36 % of total variability



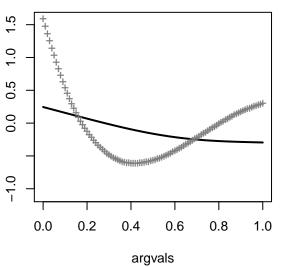
PC 4 (explains 15.36 % of total variability



PC 4 (explains 15.36 % of total variability



PC 5 (explains 8.5 % of total variability)

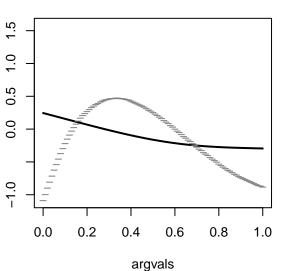


PC 5 (explains 8.5 % of total variability)

-0.4

-0.2

PC 5 (explains 8.5 % of total variability)

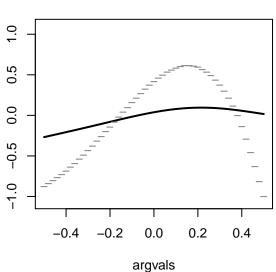


PC 5 (explains 8.5 % of total variability)

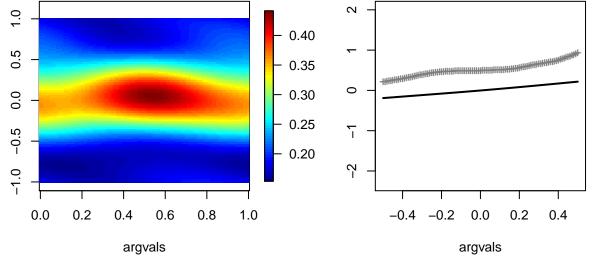
0.0

argvals

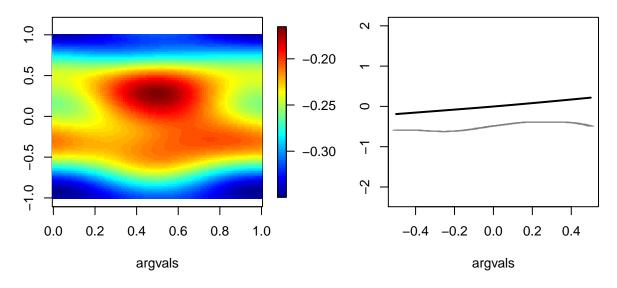
0.2



PC 1 (explains 44.12 % of total variability) PC 1 (explains 44.12 % of total variability)



PC 1 (explains 44.12 % of total variability) PC 1 (explains 44.12 % of total variability)



PC 2 (explains 21.49 % of total variability)  $^{\circ}$ 1.0 0.4 0.5 - 0.2

PC 2 (explains 21.49 % of total variability)

PC 2 (explains 21.49 % of total variability)

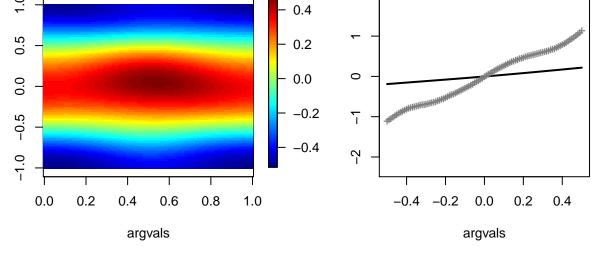
0.0

argvals

0.2

0.4

-0.4 -0.2



 $\alpha$ 1.0 0.3 0.5 - 0.2 0.1 0 0.0 0.0 -0.5 ī -0.1-0.27 -1.0

PC 2 (explains 21.49 % of total variability)

0.6

0.4

argvals

8.0

1.0

0.0

PC 3 (explains 13.13 % of total variability) PC 3 (explains 13.13 % of total variability)  $^{\circ}$ 1.0

PC 3 (explains 13.13 % of total variability)

-1.0

0.0

0.2

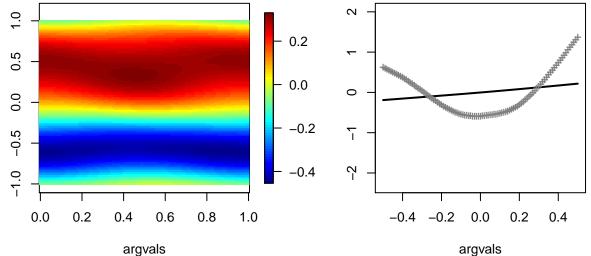
0.4

argvals

0.6

8.0

1.0



1.0  $^{\circ}$ 0.4 0.3 0.5 0.2 0.1 0 0.0 0.0 -0.1-0.5 7 -0.27

-0.3

PC 3 (explains 13.13 % of total variability)

0.0

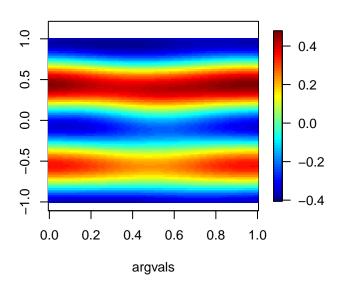
argvals

0.2

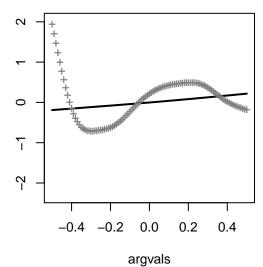
0.4

-0.4 -0.2

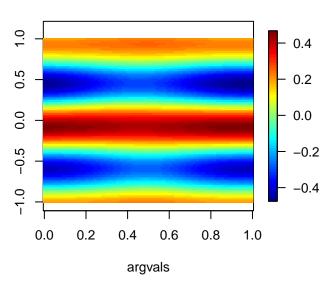
PC 4 (explains 8.5 % of total variability)



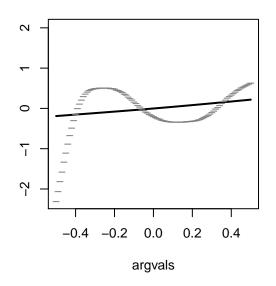
PC 4 (explains 8.5 % of total variability)



PC 4 (explains 8.5 % of total variability)



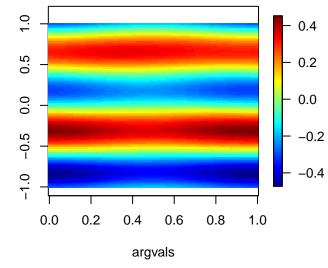
PC 4 (explains 8.5 % of total variability)

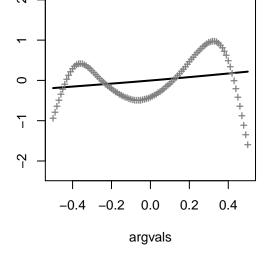


PC 5 (explains 6.54 % of total variability)

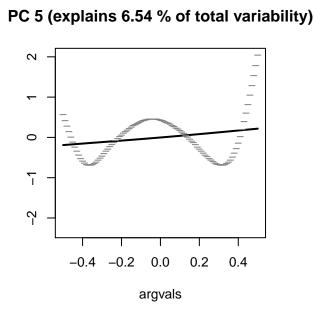


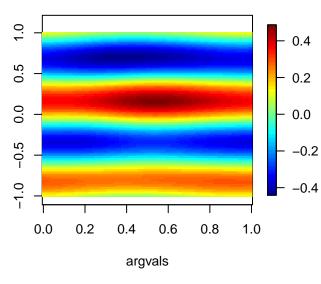
PC 5 (explains 6.54 % of total variability)



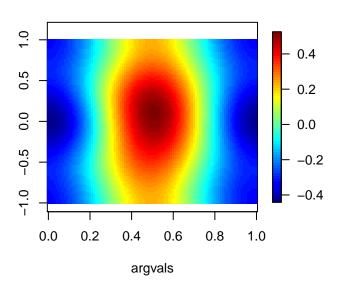


PC 5 (explains 6.54 % of total variability)

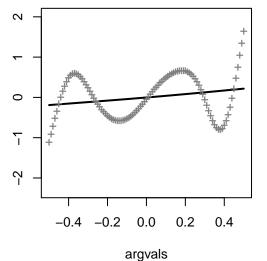




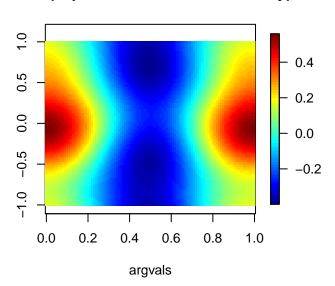
PC 6 (explains 3 % of total variability)



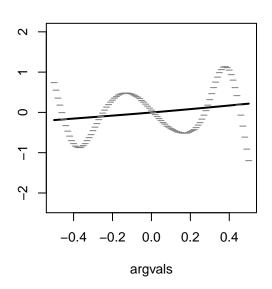
PC 6 (explains 3 % of total variability)



PC 6 (explains 3 % of total variability)



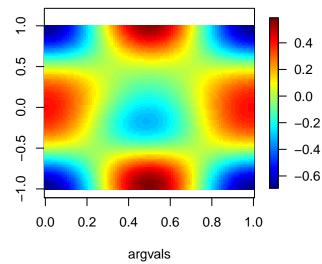
PC 6 (explains 3 % of total variability)

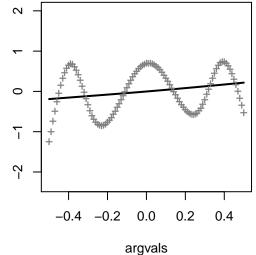


PC 7 (explains 1.73 % of total variability)

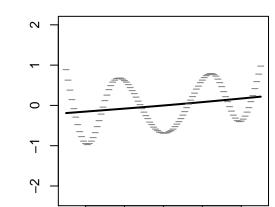


PC 7 (explains 1.73 % of total variability)





PC 7 (explains 1.73 % of total variability)



0.0

argvals

0.2

0.4

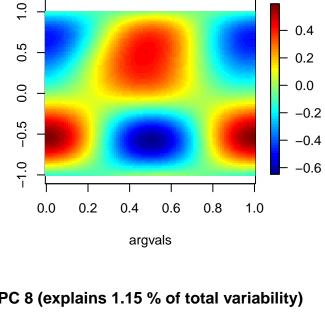
-0.4 -0.2

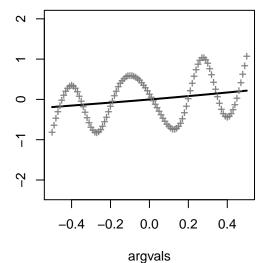
PC 7 (explains 1.73 % of total variability)

1.0 0.4 0.5 0.2 0.0 0.0 -0.2-0.5 -0.4-0.6 -1.0 0.2 0.0 0.4 0.6 8.0 1.0 argvals

PC 8 (explains 1.15 % of total variability)

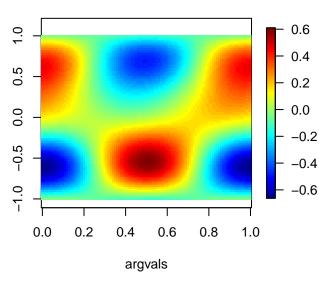


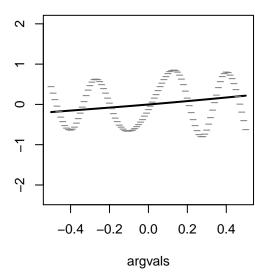




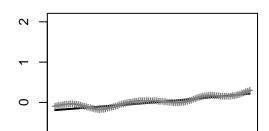
PC 8 (explains 1.15 % of total variability)

PC 8 (explains 1.15 % of total variability)

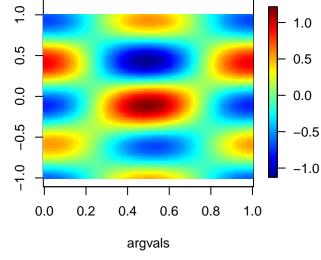


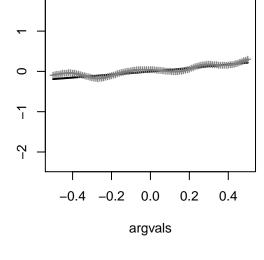


PC 9 (explains 0.18 % of total variability)

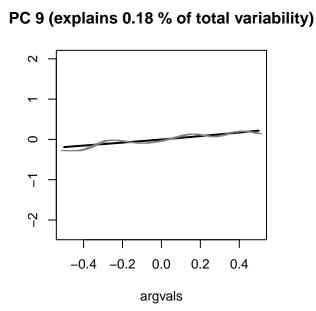


PC 9 (explains 0.18 % of total variability)



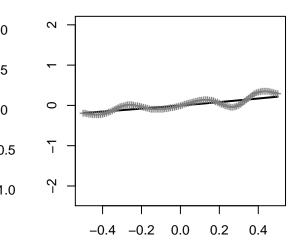


PC 9 (explains 0.18 % of total variability)



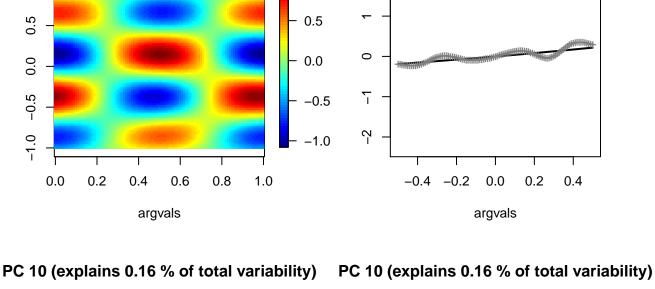
1.0 1.0 0.5 0.5 0.0 0.0 -0.5 -0.5-1.0 -1.0 0.2 0.6 0.0 0.4 8.0 1.0 argvals

PC 10 (explains 0.16 % of total variability) 1.0 1.0



PC 10 (explains 0.16 % of total variability)

argvals



0.0

1.0 1.0 0.5 0.5

0.6

0.4

argvals

8.0

1.0

0.0

-0.5

-1.0

0.0

