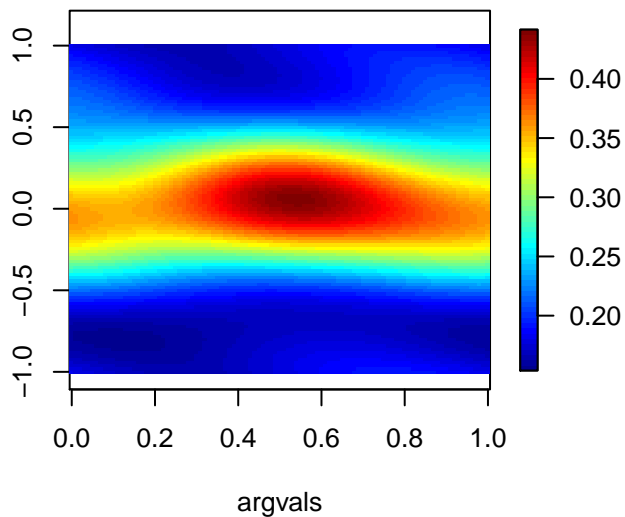
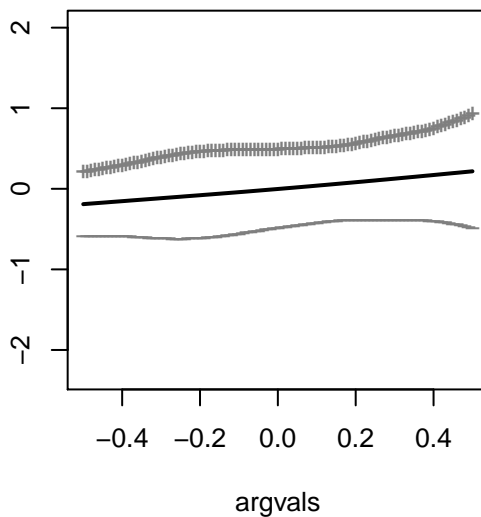


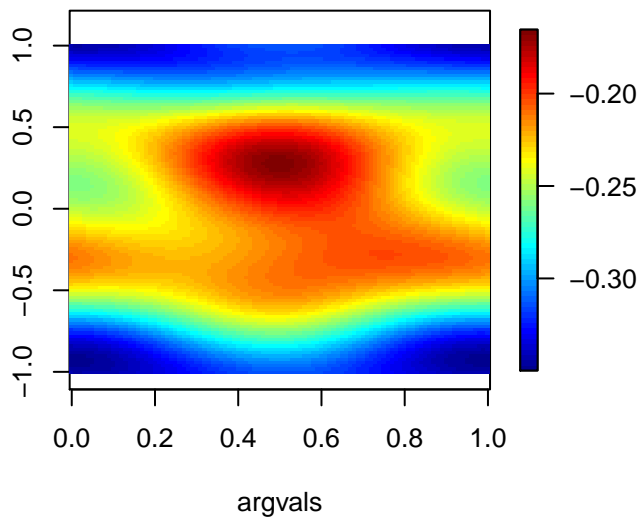
**PC 1 (explains 44.12 % of total variability)**



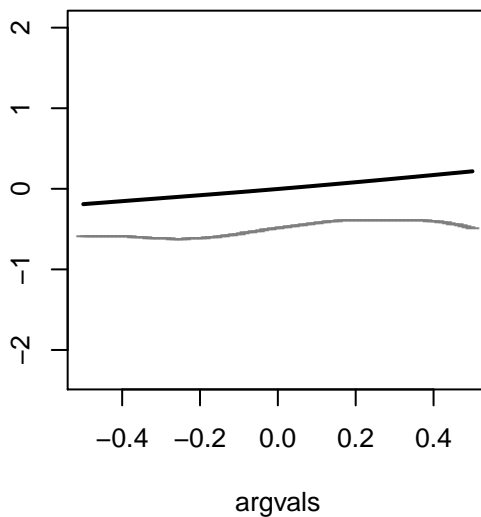
**PC 1 (explains 44.12 % of total variability)**



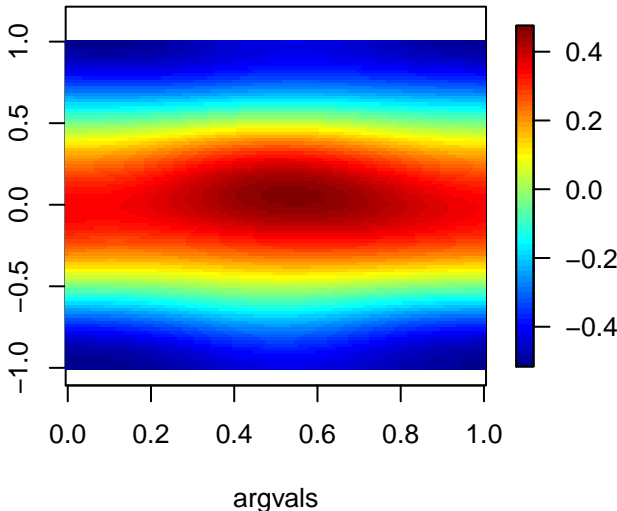
**PC 1 (explains 44.12 % of total variability)**



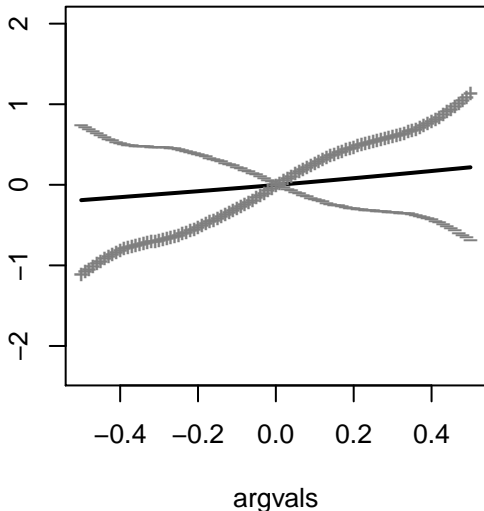
**PC 1 (explains 44.12 % of total variability)**



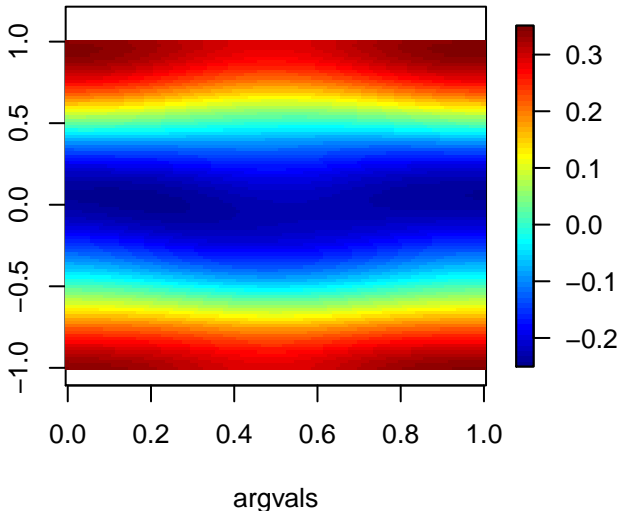
**PC 2 (explains 21.49 % of total variability)**



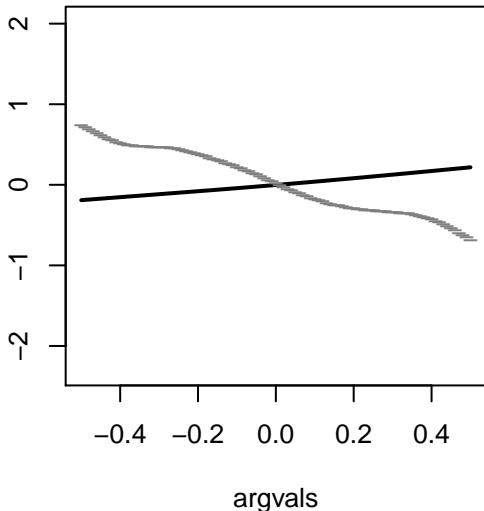
**PC 2 (explains 21.49 % of total variability)**



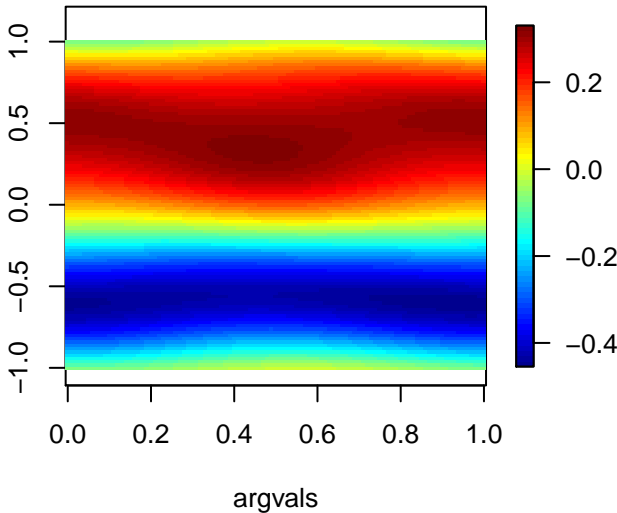
**PC 2 (explains 21.49 % of total variability)**



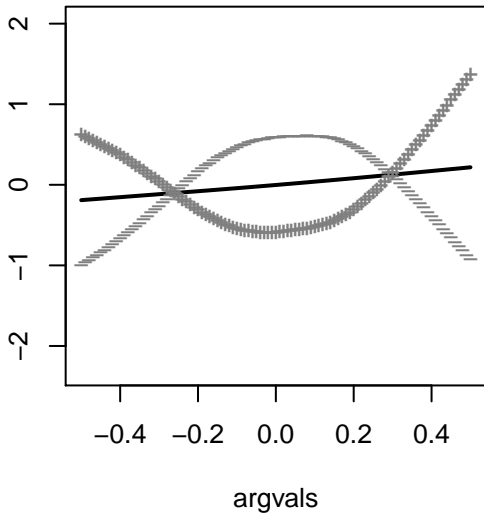
**PC 2 (explains 21.49 % of total variability)**



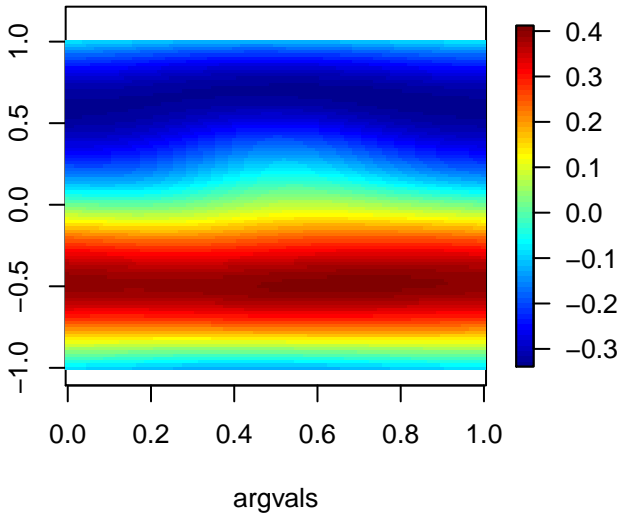
PC 3 (explains 13.13 % of total variability)



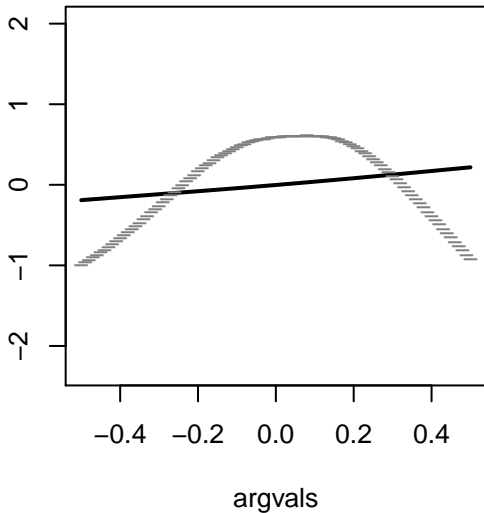
PC 3 (explains 13.13 % of total variability)



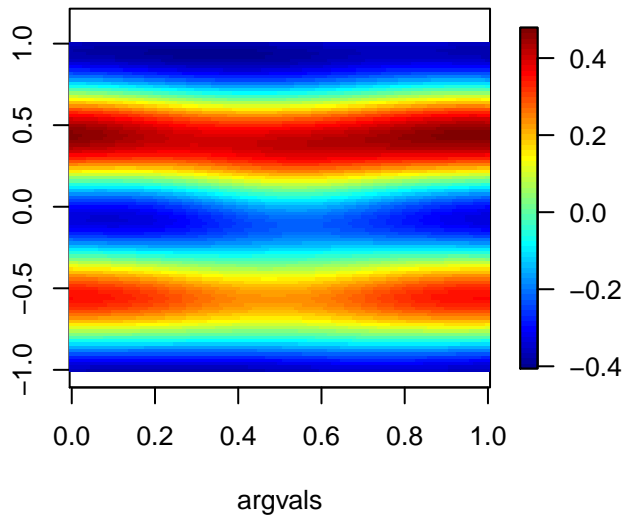
PC 3 (explains 13.13 % of total variability)



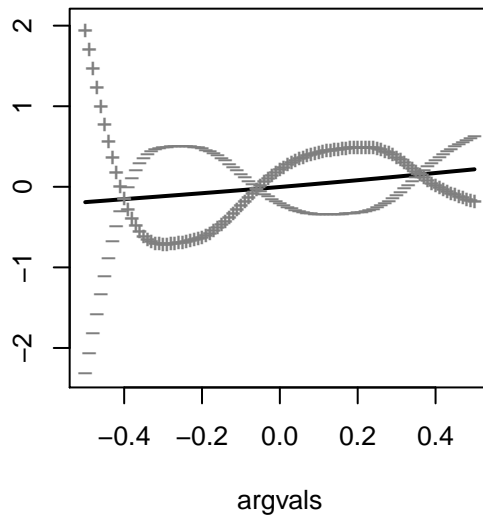
PC 3 (explains 13.13 % of total variability)



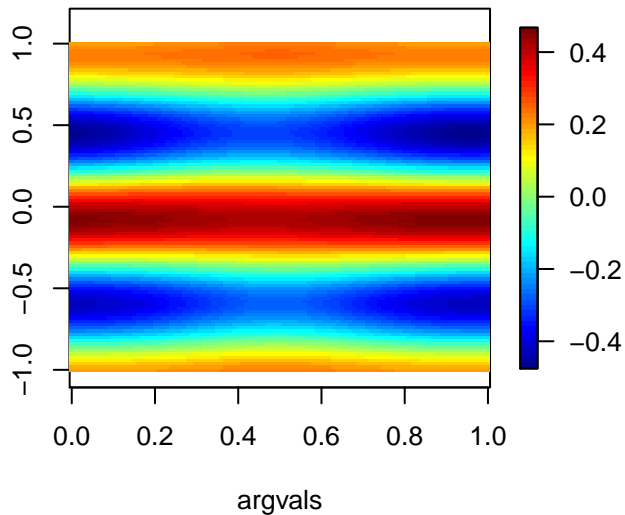
**PC 4 (explains 8.5 % of total variability)**



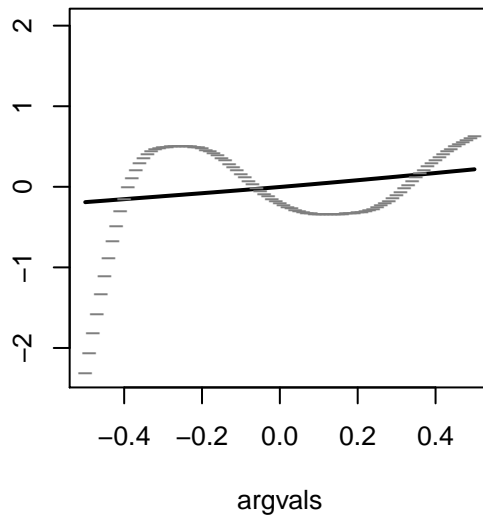
**PC 4 (explains 8.5 % of total variability)**



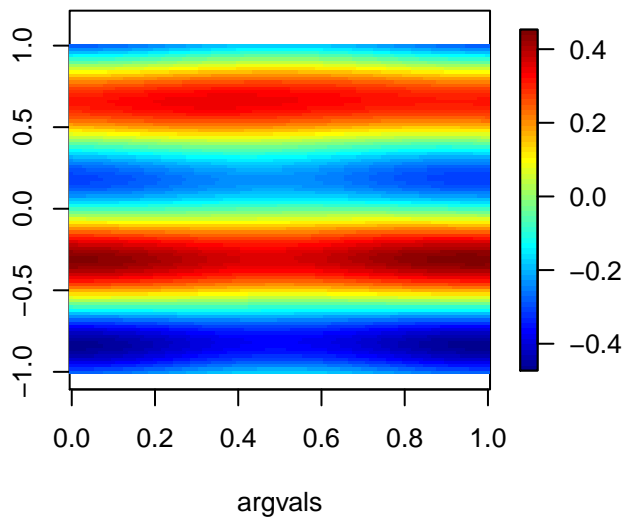
**PC 4 (explains 8.5 % of total variability)**



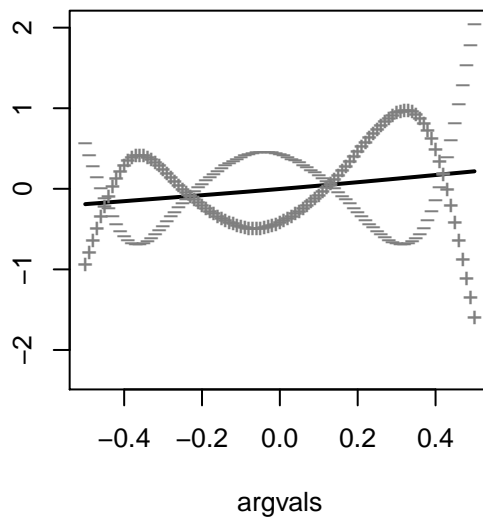
**PC 4 (explains 8.5 % of total variability)**



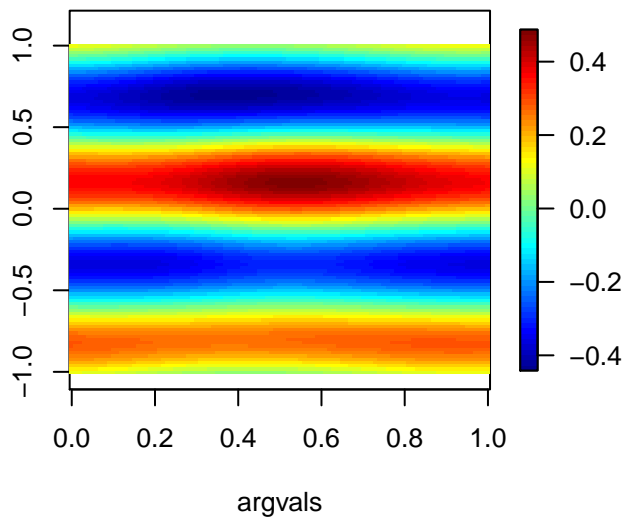
**PC 5 (explains 6.54 % of total variability)**



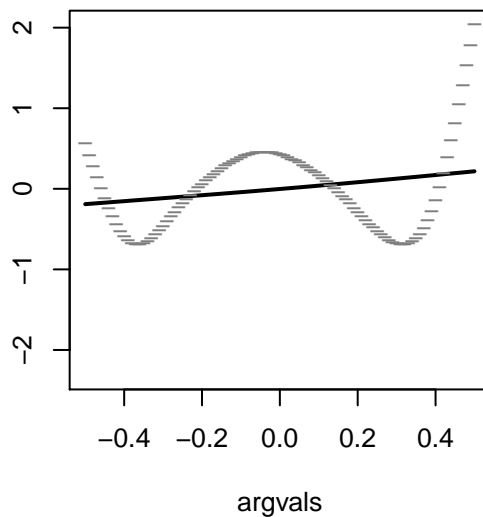
**PC 5 (explains 6.54 % of total variability)**



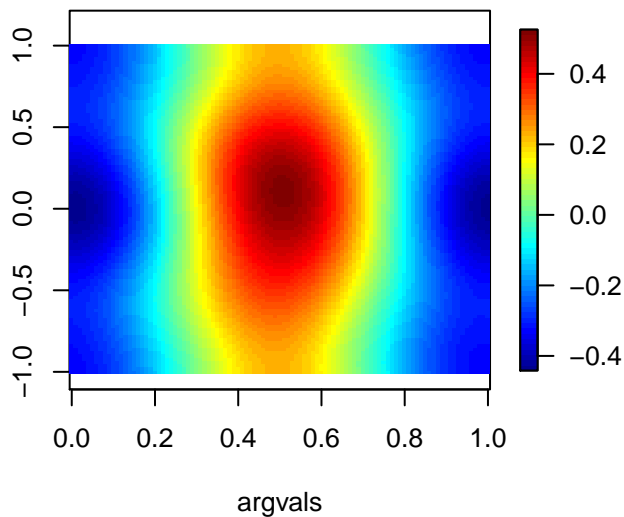
**PC 5 (explains 6.54 % of total variability)**



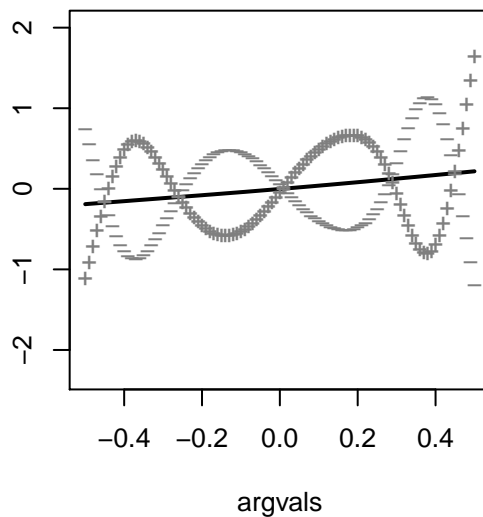
**PC 5 (explains 6.54 % of total variability)**



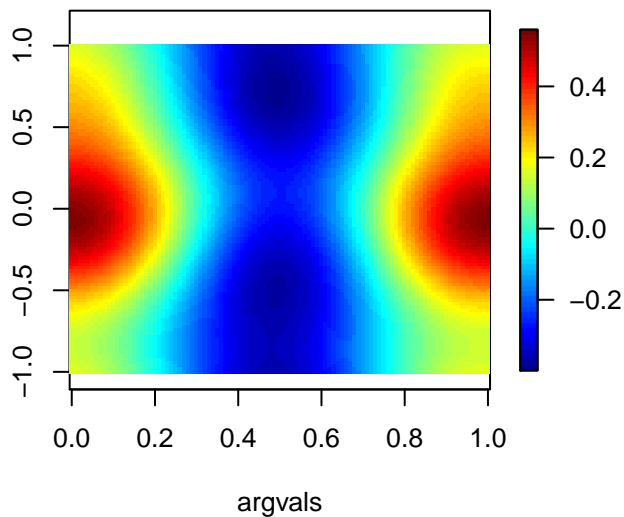
**PC 6 (explains 3 % of total variability)**



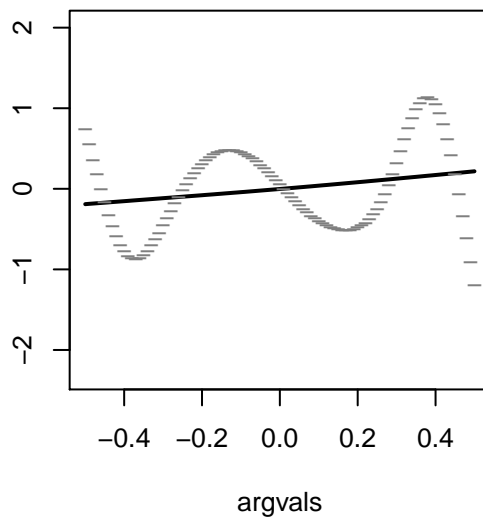
**PC 6 (explains 3 % of total variability)**



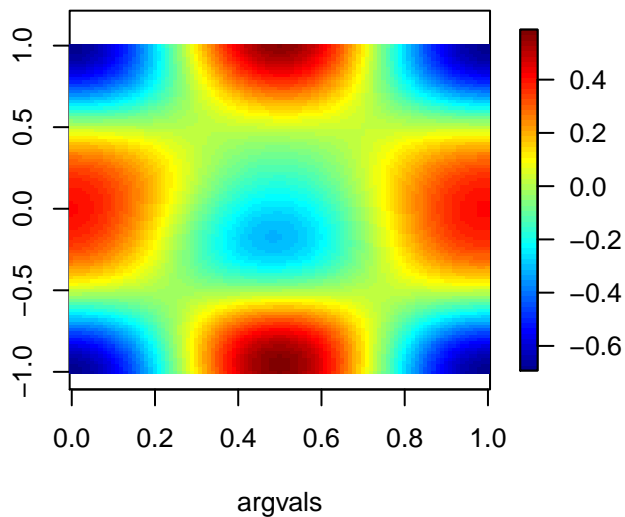
**PC 6 (explains 3 % of total variability)**



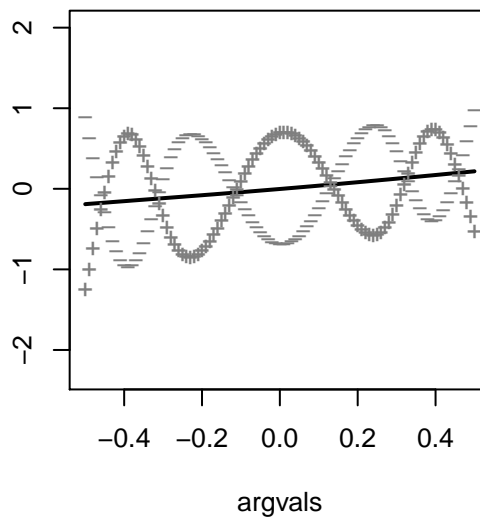
**PC 6 (explains 3 % of total variability)**



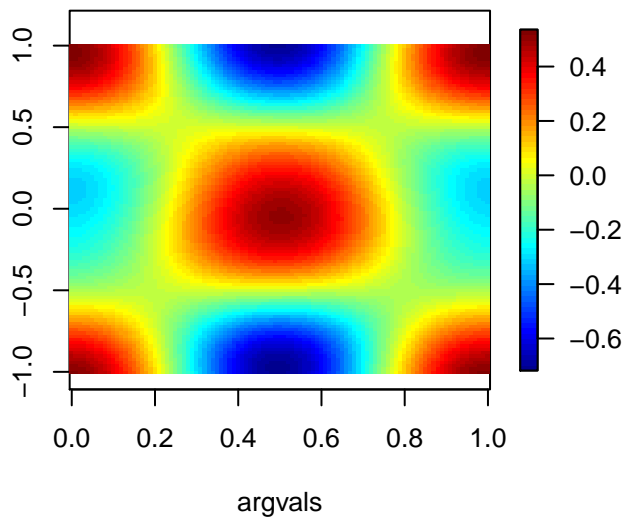
**PC 7 (explains 1.73 % of total variability)**



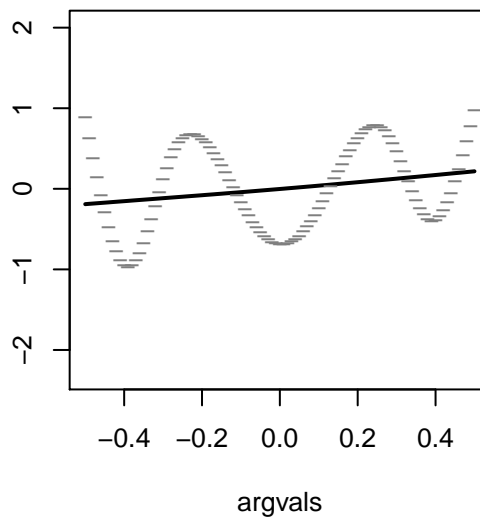
**PC 7 (explains 1.73 % of total variability)**



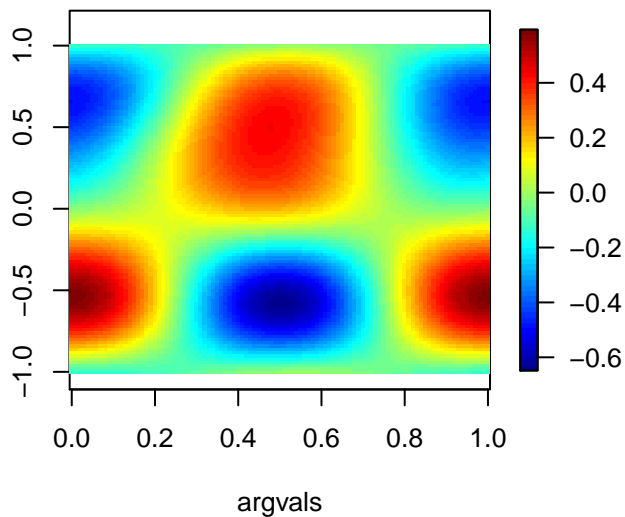
**PC 7 (explains 1.73 % of total variability)**



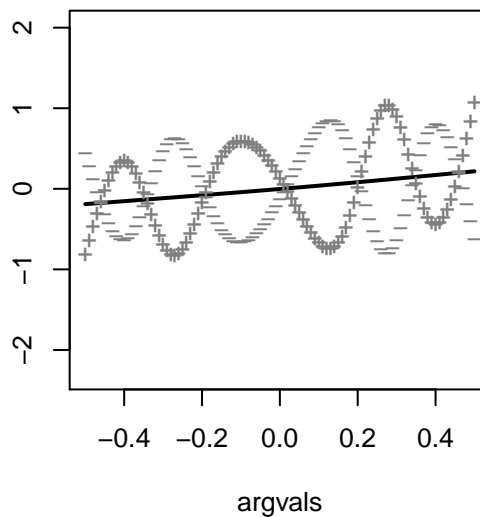
**PC 7 (explains 1.73 % of total variability)**



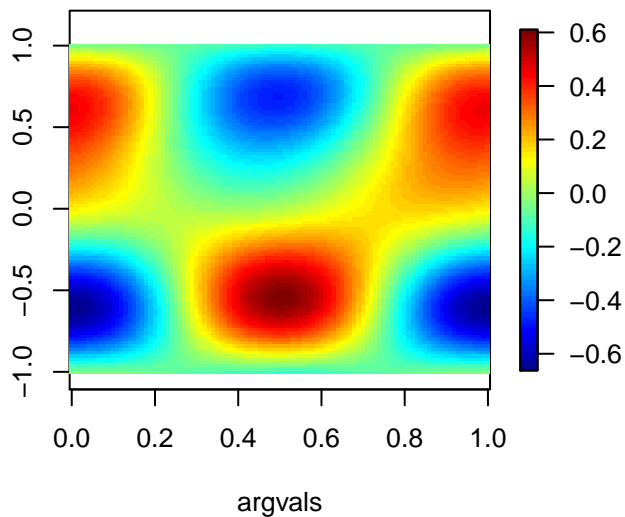
**PC 8 (explains 1.15 % of total variability)**



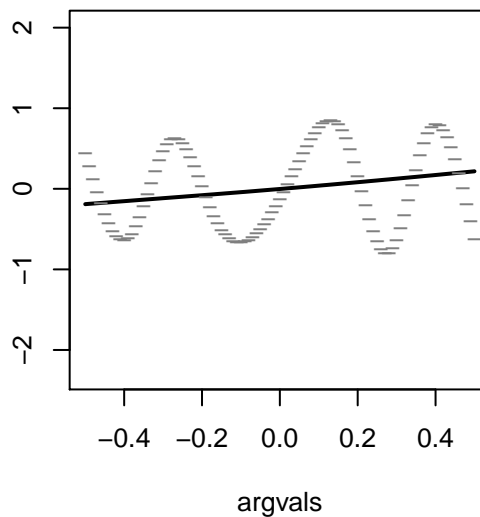
**PC 8 (explains 1.15 % of total variability)**



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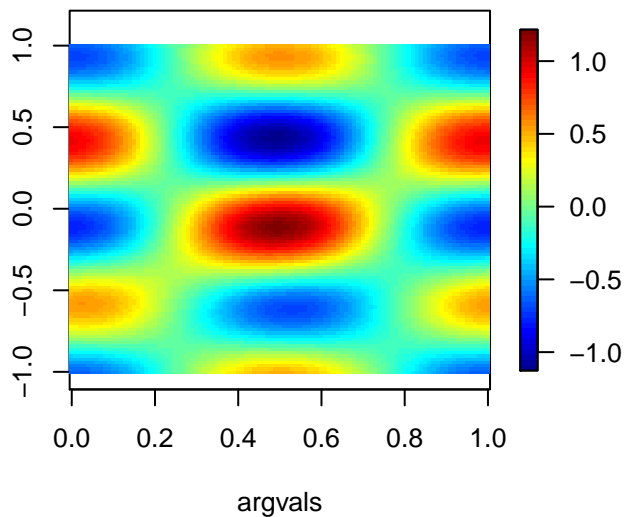


**PC 8 (explains 1.15 % of total variability)**

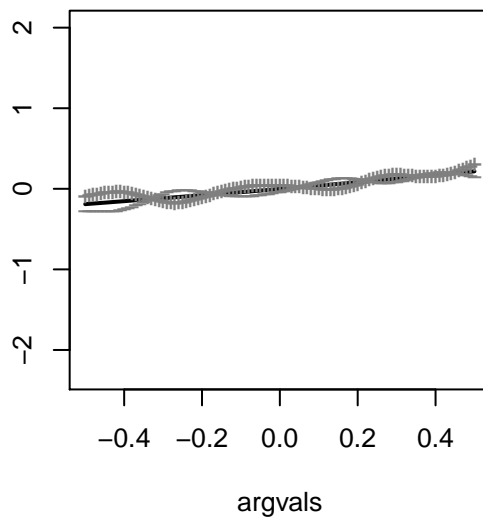




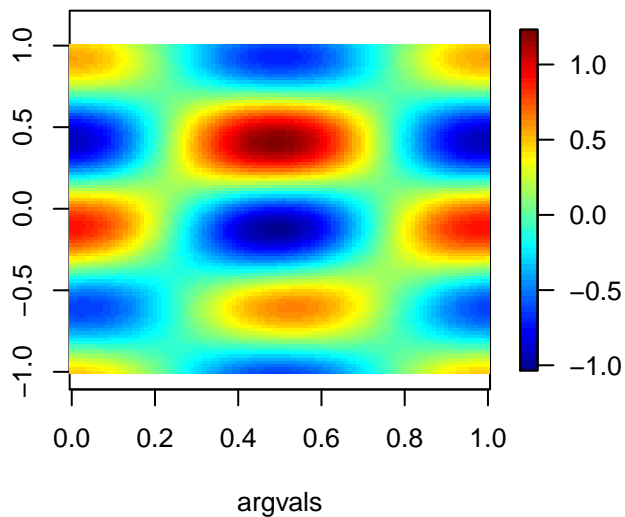
**PC 9 (explains 0.18 % of total variability)**



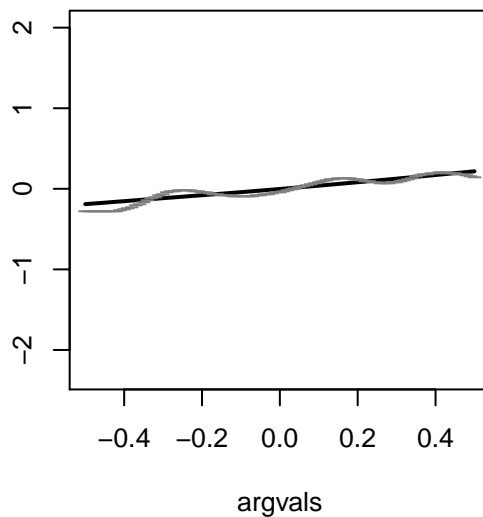
**PC 9 (explains 0.18 % of total variability)**



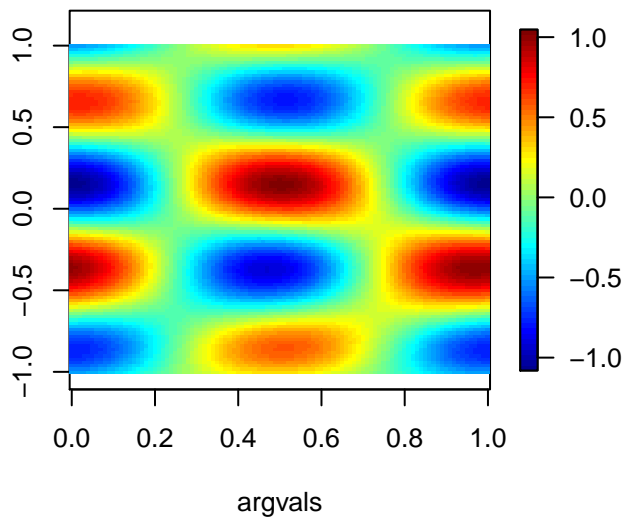
**PC 9 (explains 0.18 % of total variability)**



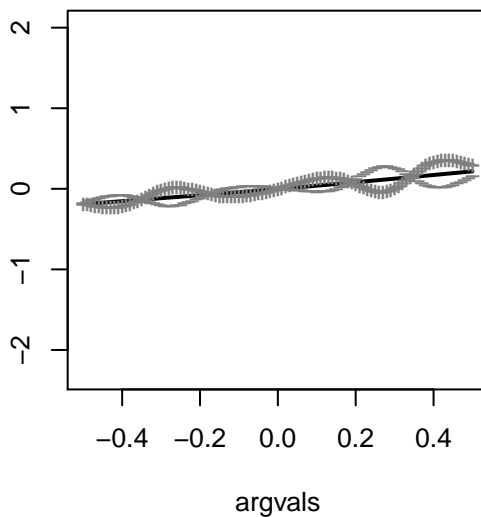
**PC 9 (explains 0.18 % of total variability)**



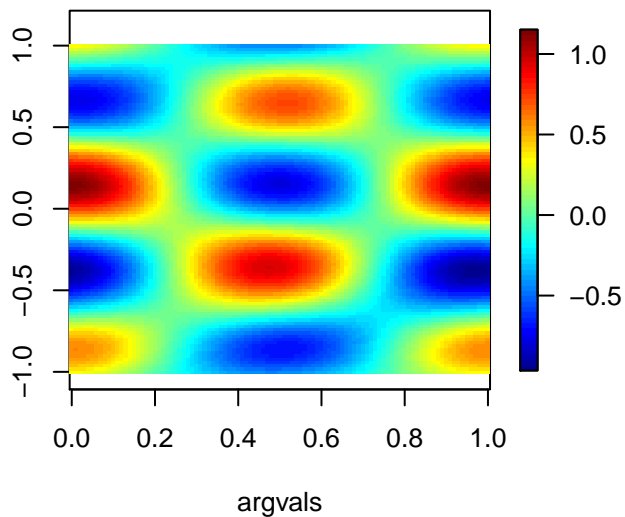
**PC 10 (explains 0.16 % of total variability)**



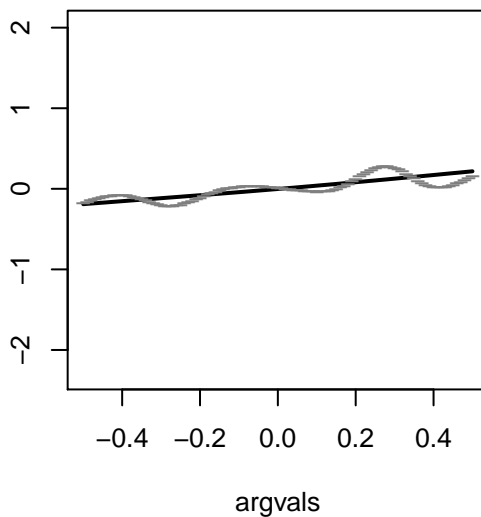
**PC 10 (explains 0.16 % of total variability)**



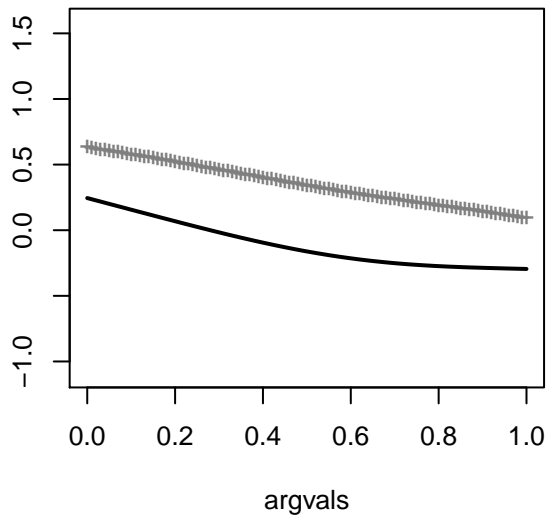
**PC 10 (explains 0.16 % of total variability)**



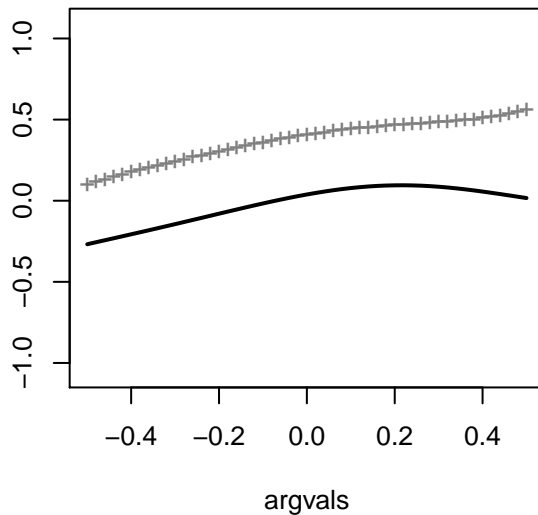
**PC 10 (explains 0.16 % of total variability)**



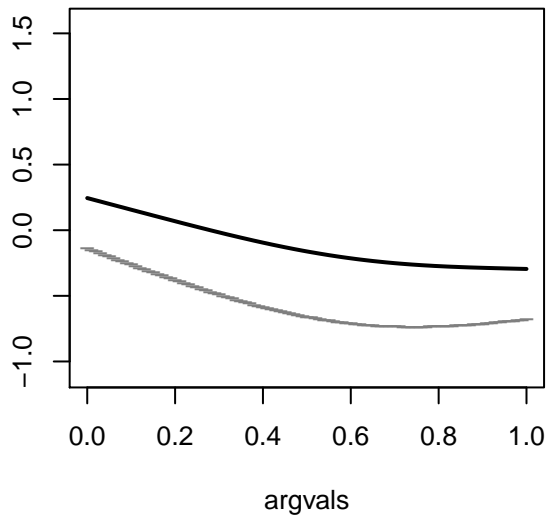
**PC 1 (explains 36.8 % of total variability)**



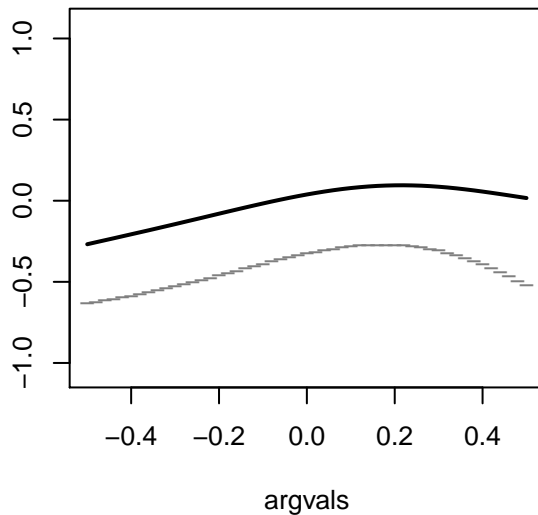
**PC 1 (explains 36.8 % of total variability)**



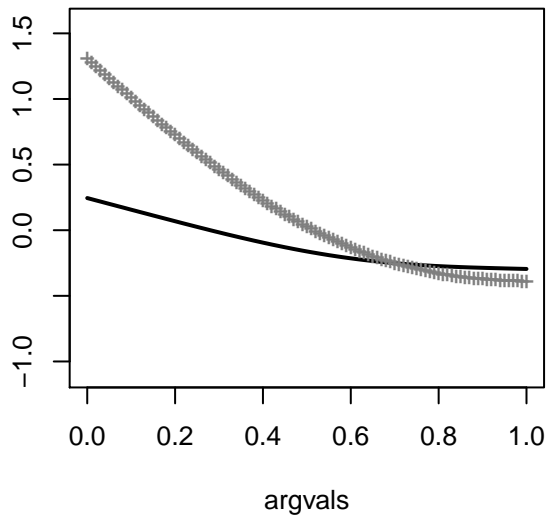
**PC 1 (explains 36.8 % of total variability)**



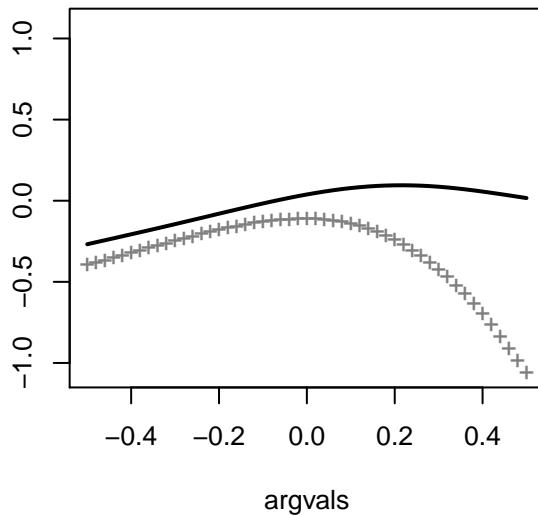
**PC 1 (explains 36.8 % of total variability)**



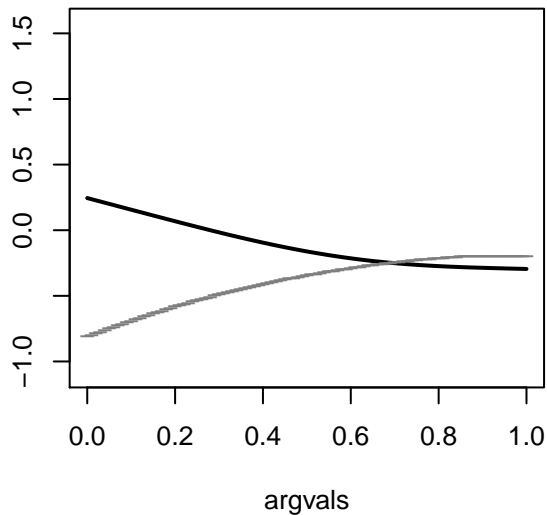
**PC 2 (explains 20.84 % of total variability)**



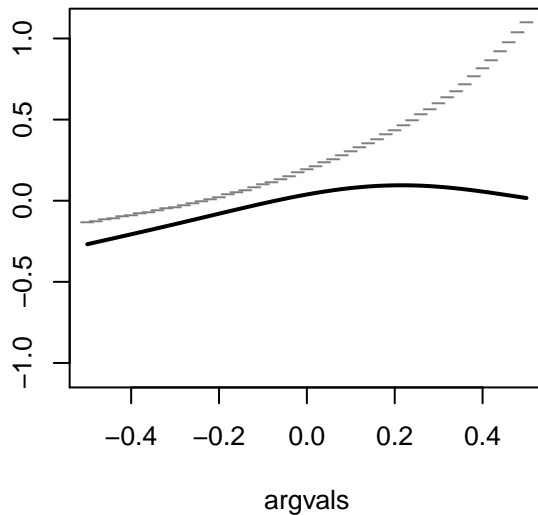
**PC 2 (explains 20.84 % of total variability)**



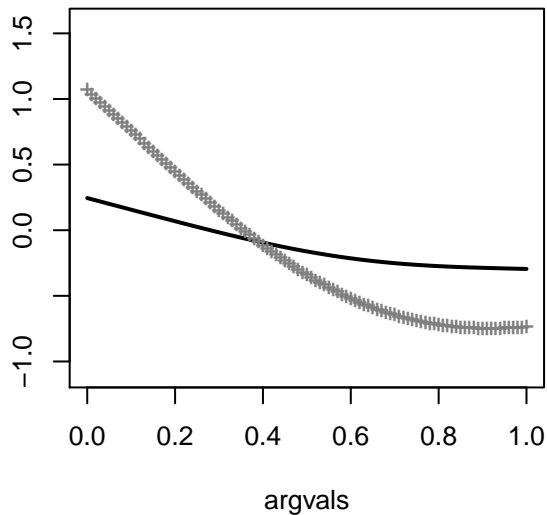
**PC 2 (explains 20.84 % of total variability)**



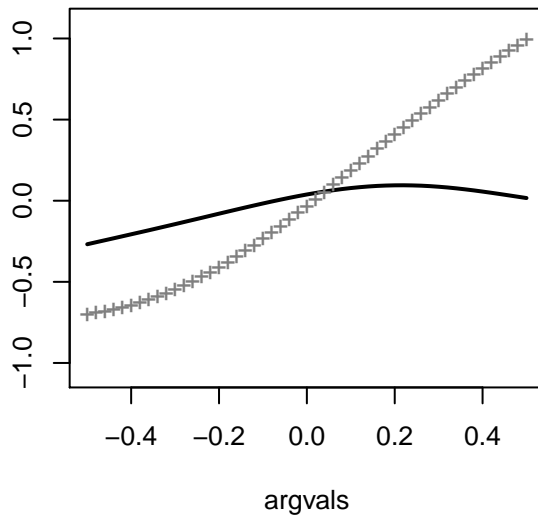
**PC 2 (explains 20.84 % of total variability)**



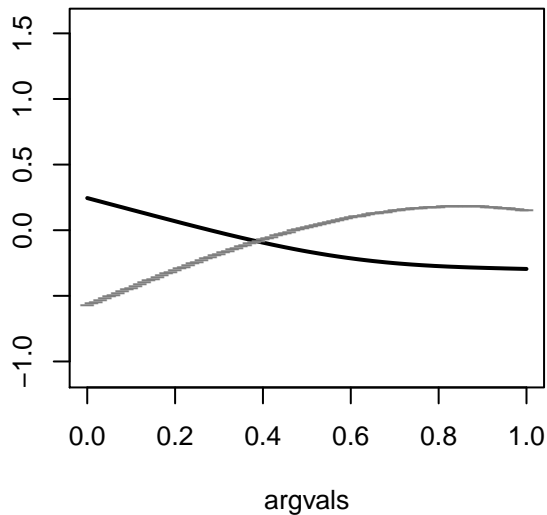
**PC 3 (explains 18.5 % of total variability)**



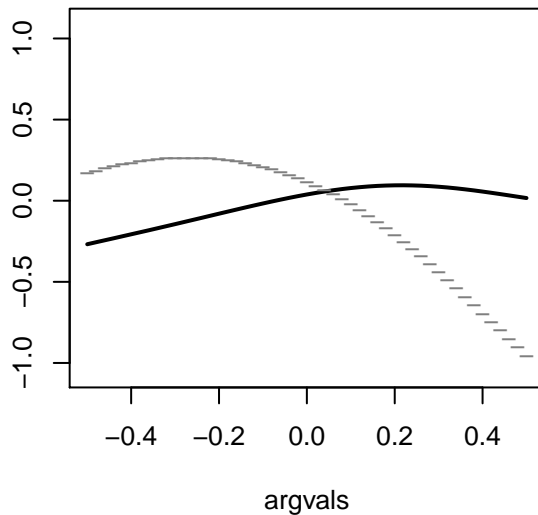
**PC 3 (explains 18.5 % of total variability)**



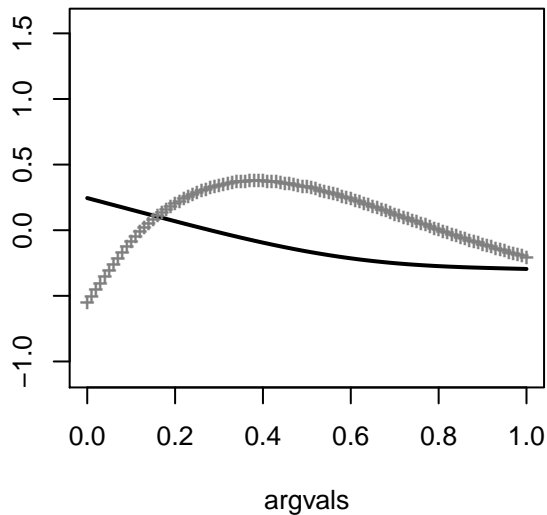
**PC 3 (explains 18.5 % of total variability)**



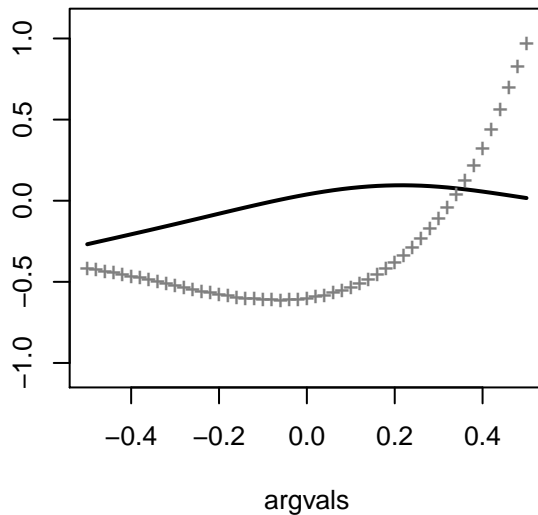
**PC 3 (explains 18.5 % of total variability)**



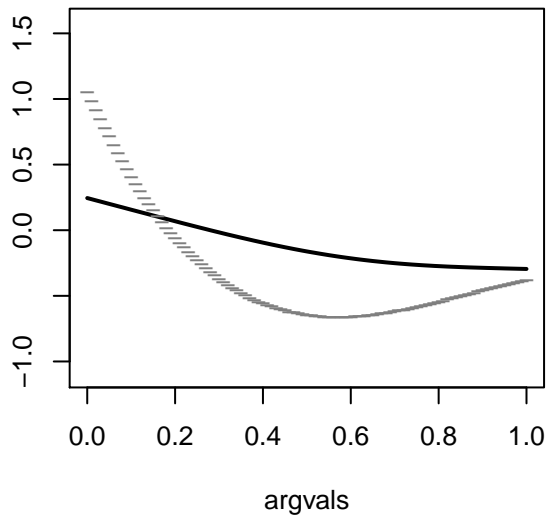
**PC 4 (explains 15.36 % of total variability)**



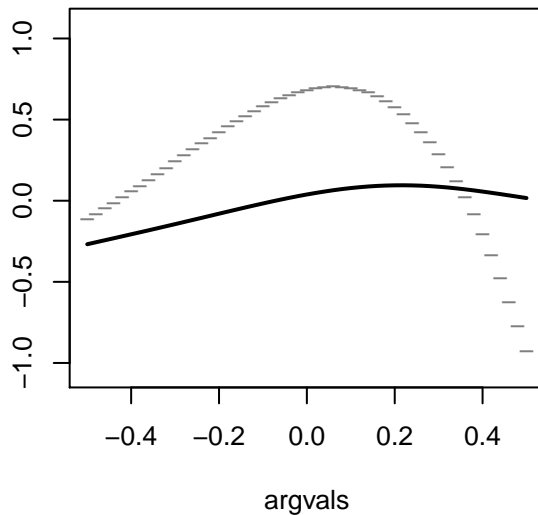
**PC 4 (explains 15.36 % of total variability)**



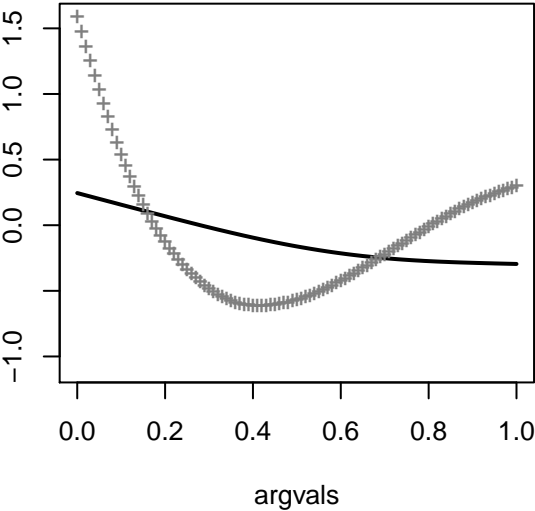
**PC 4 (explains 15.36 % of total variability)**



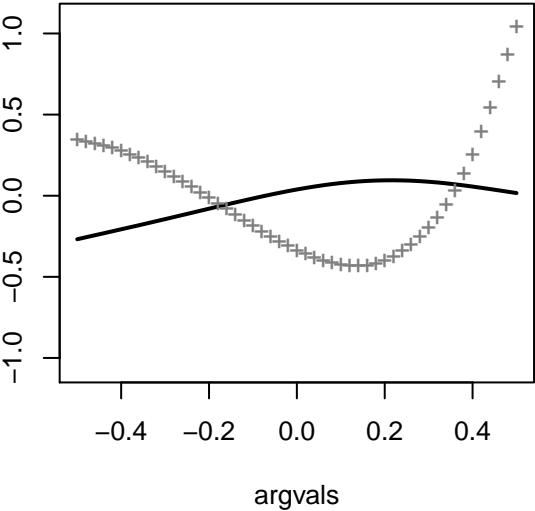
**PC 4 (explains 15.36 % of total variability)**



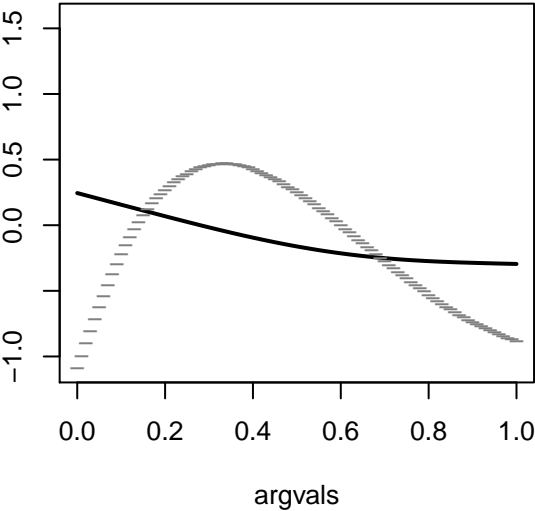
**PC 5 (explains 8.5 % of total variability)**



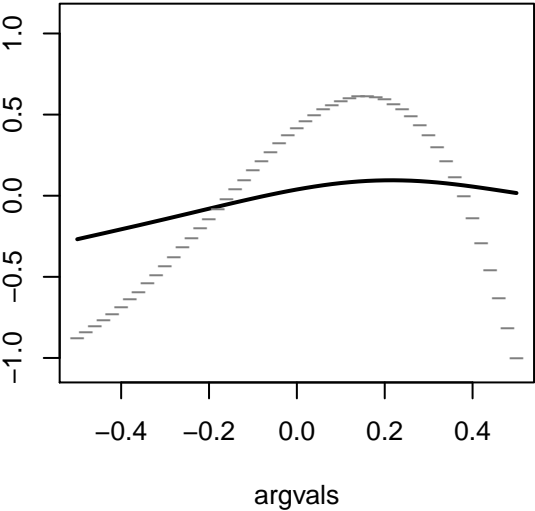
**PC 5 (explains 8.5 % of total variability)**



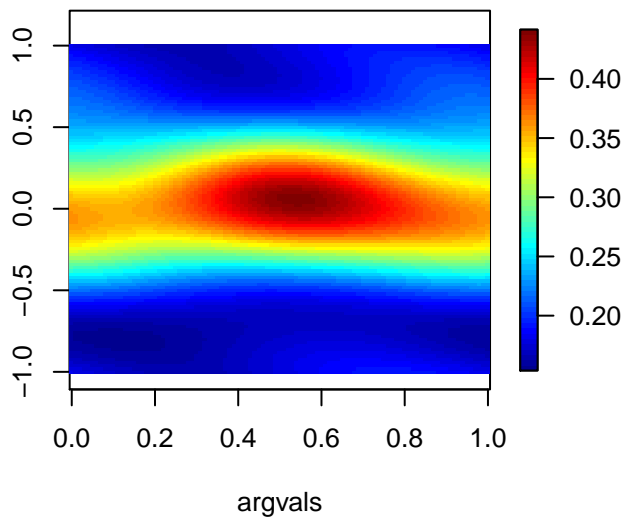
**PC 5 (explains 8.5 % of total variability)**



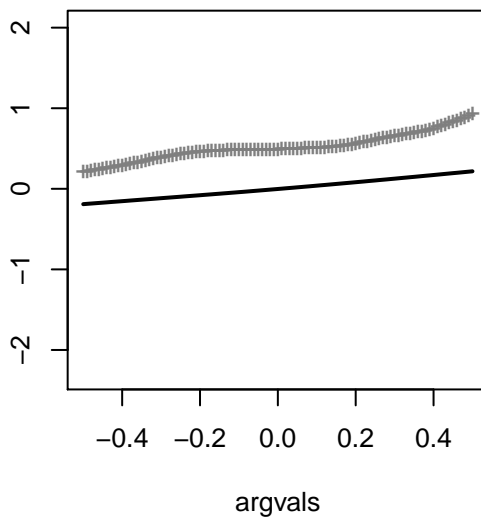
**PC 5 (explains 8.5 % of total variability)**



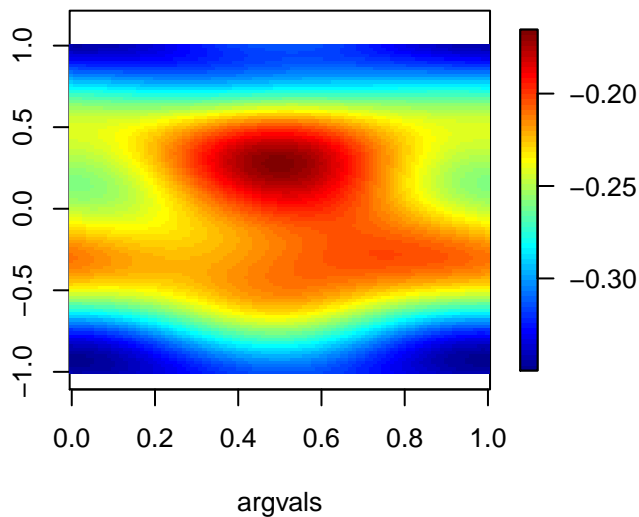
**PC 1 (explains 44.12 % of total variability)**



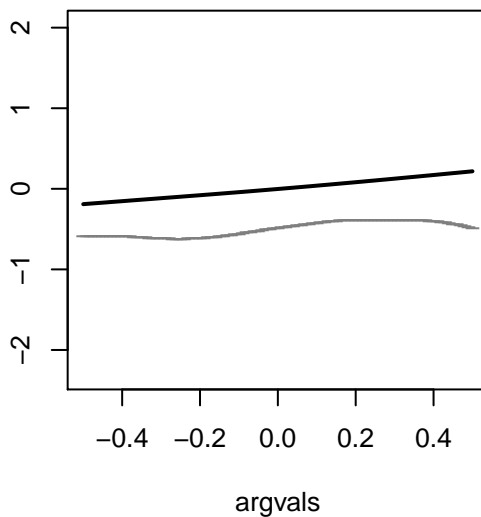
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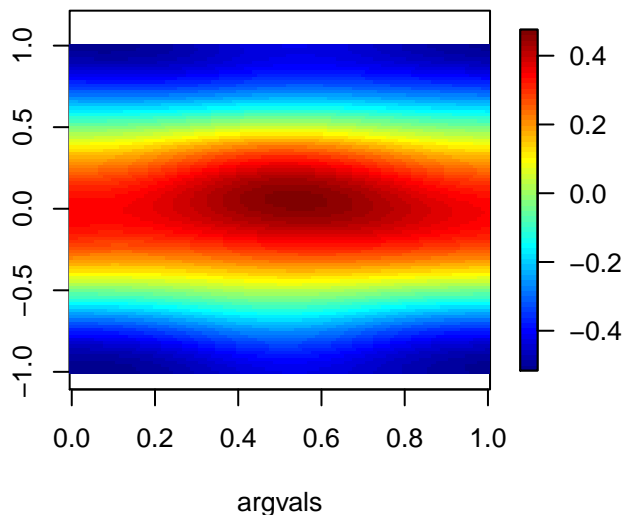


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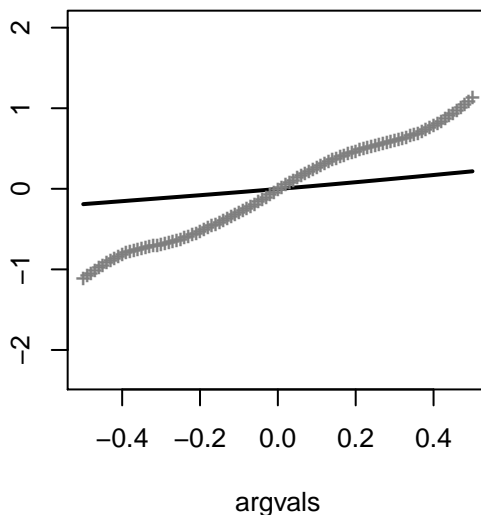




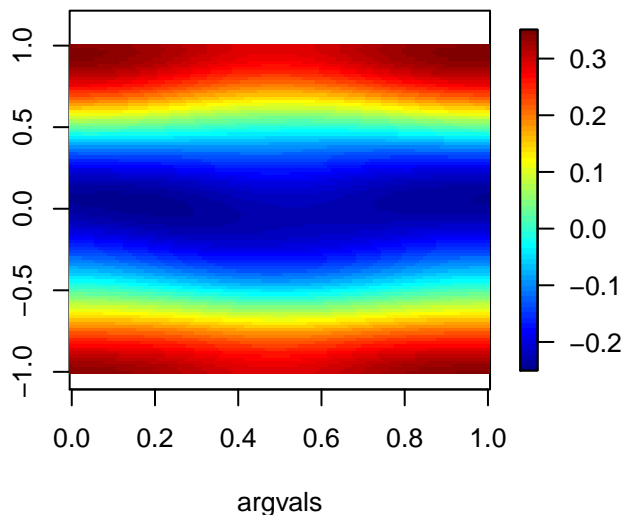
**PC 2 (explains 21.49 % of total variability)**



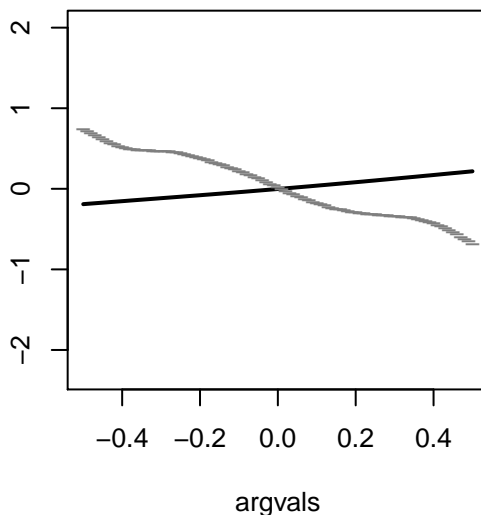
**PC 2 (explains 21.49 % of total variability)**



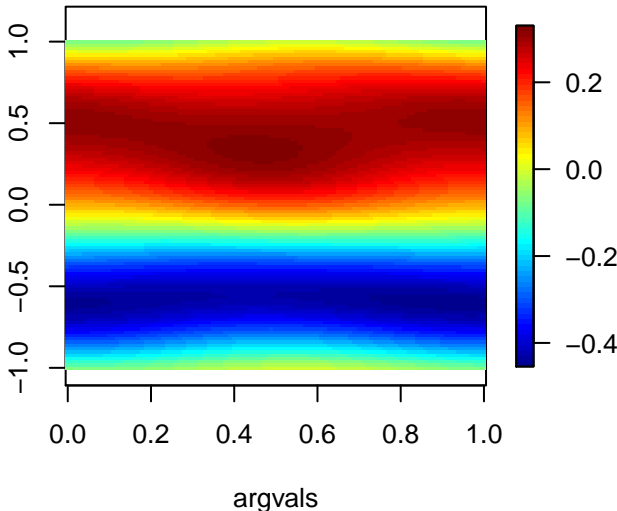
**PC 2 (explains 21.49 % of total variability)**



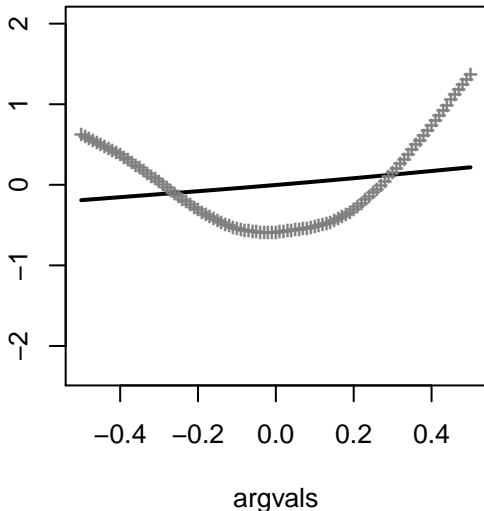
**PC 2 (explains 21.49 % of total variability)**



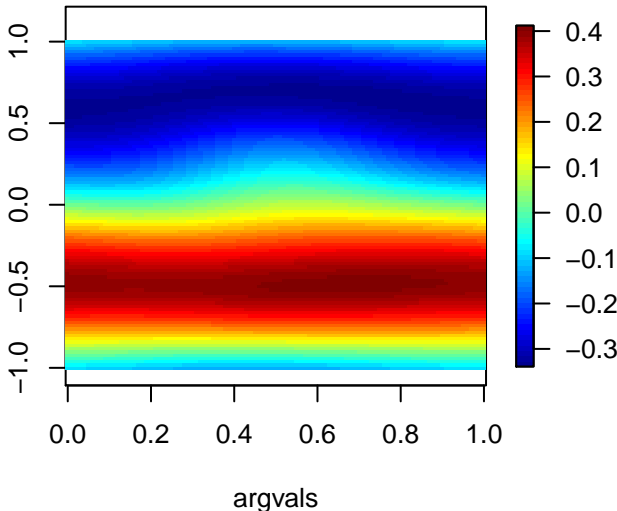
PC 3 (explains 13.13 % of total variability)



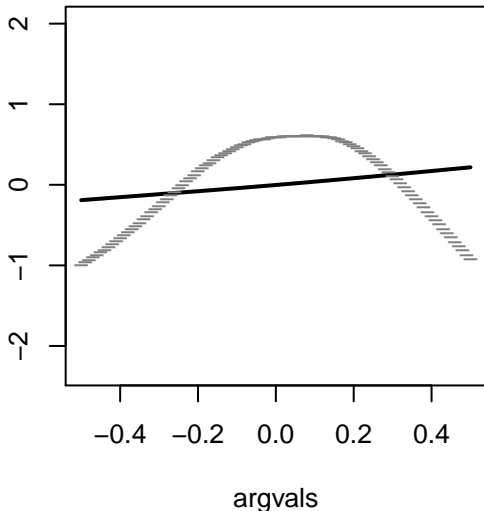
PC 3 (explains 13.13 % of total variability)



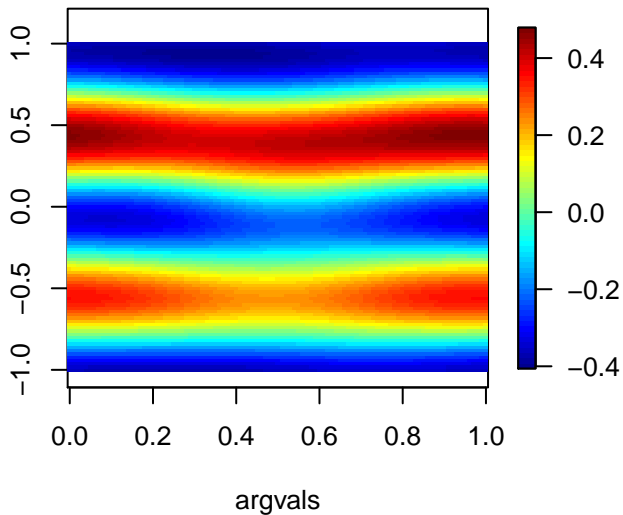
PC 3 (explains 13.13 % of total variability)



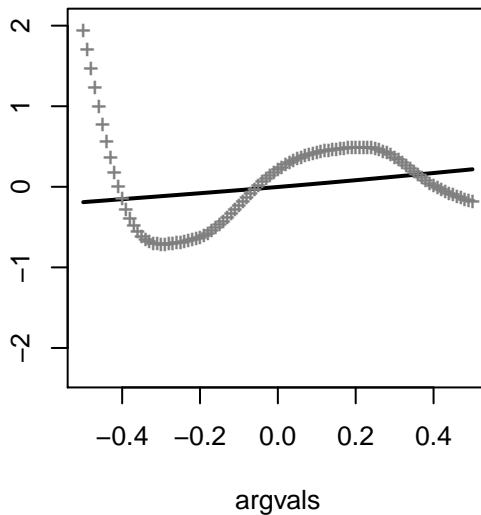
PC 3 (explains 13.13 % of total variability)



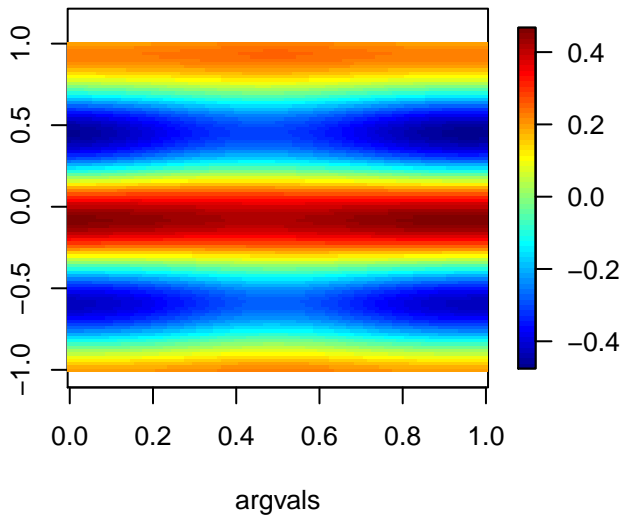
**PC 4 (explains 8.5 % of total variability)**



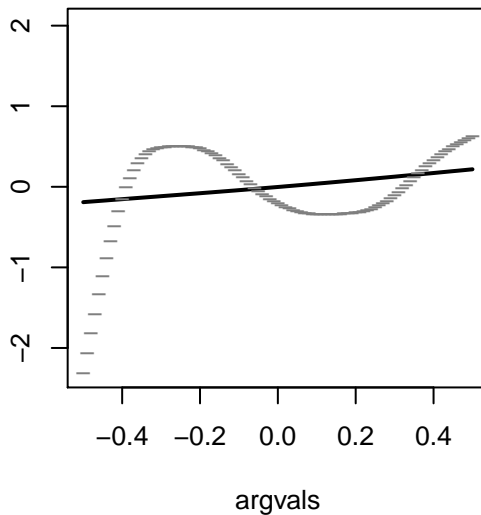
**PC 4 (explains 8.5 % of total variability)**



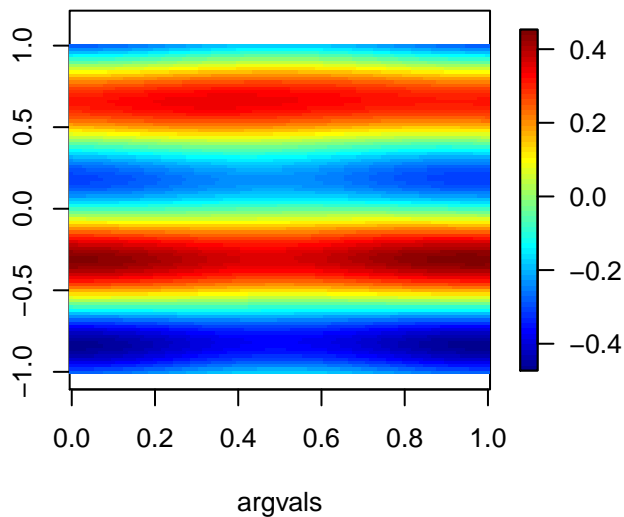
**PC 4 (explains 8.5 % of total variability)**



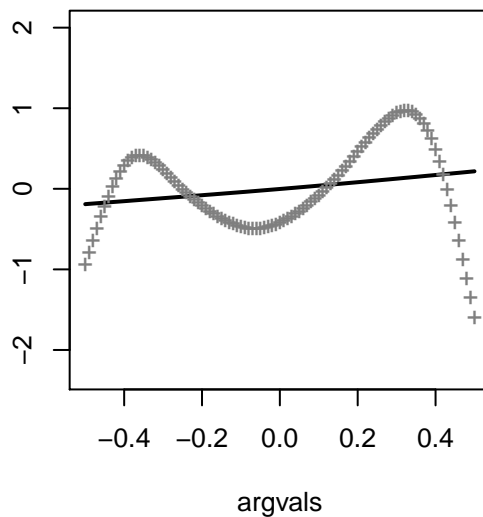
**PC 4 (explains 8.5 % of total variability)**



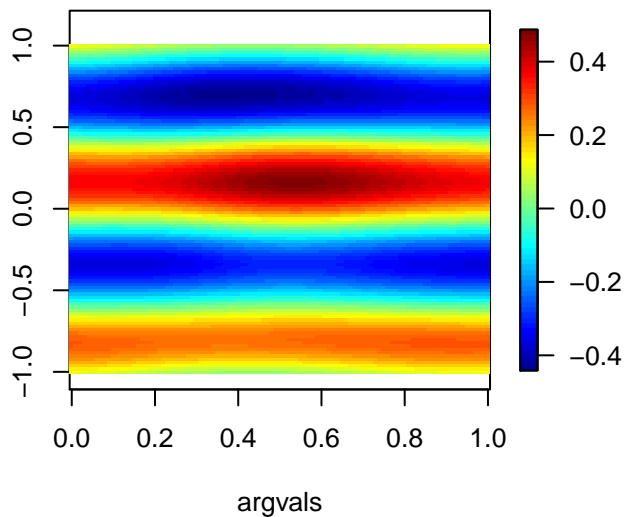
**PC 5 (explains 6.54 % of total variability)**



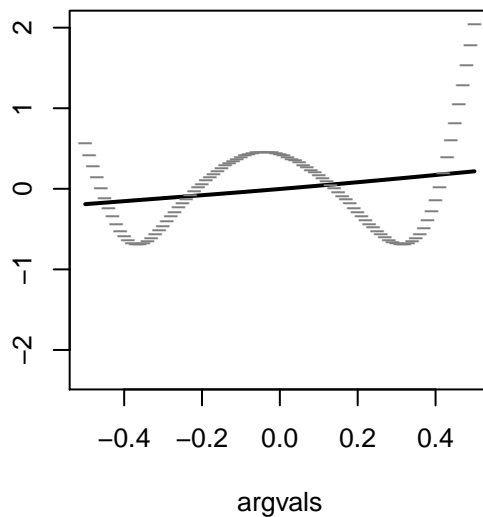
**PC 5 (explains 6.54 % of total variability)**



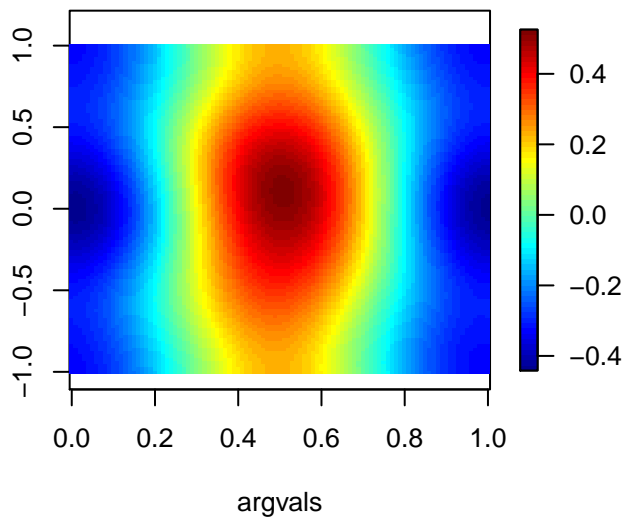
**PC 5 (explains 6.54 % of total variability)**



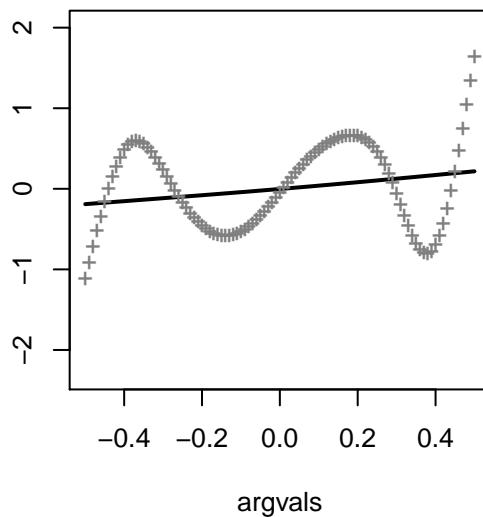
**PC 5 (explains 6.54 % of total variability)**



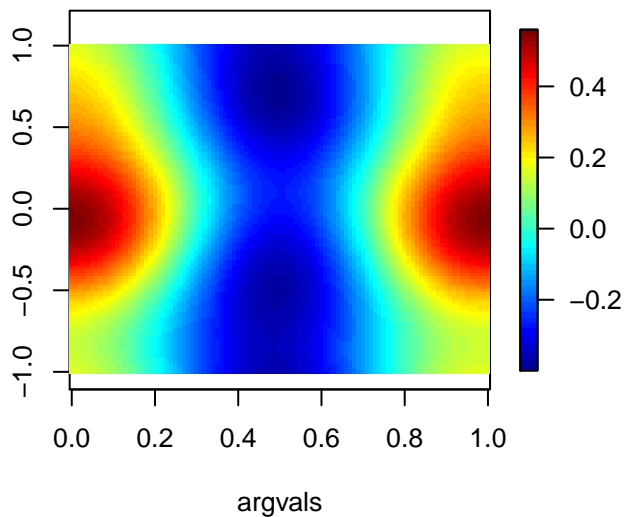
**PC 6 (explains 3 % of total variability)**



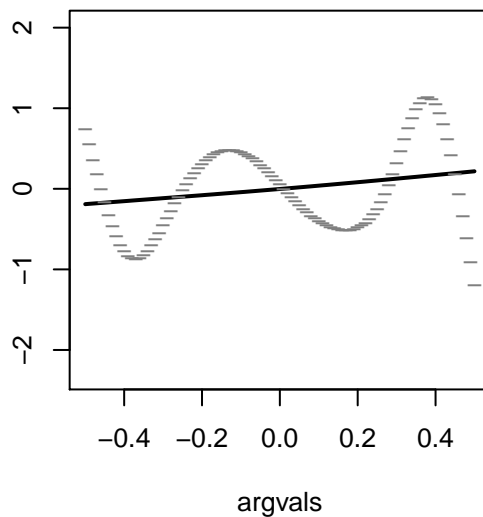
**PC 6 (explains 3 % of total variability)**



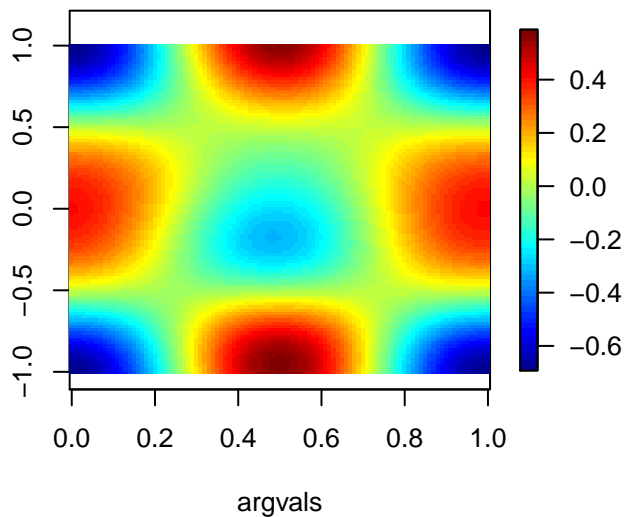
**PC 6 (explains 3 % of total variability)**



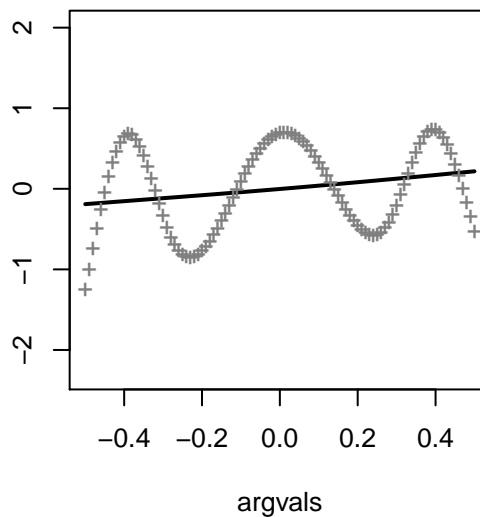
**PC 6 (explains 3 % of total variability)**



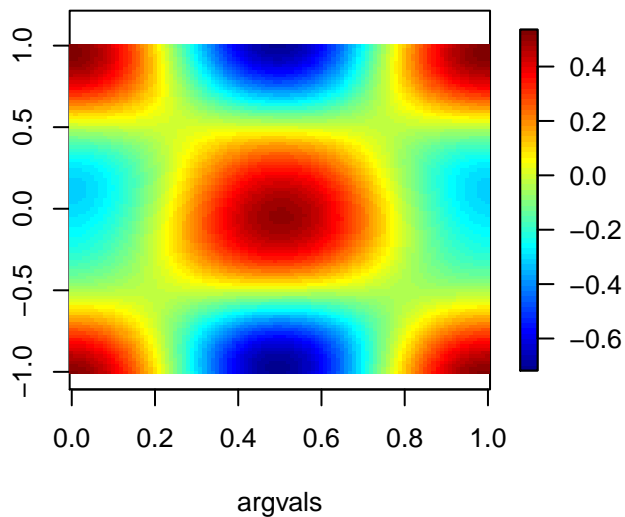
**PC 7 (explains 1.73 % of total variability)**



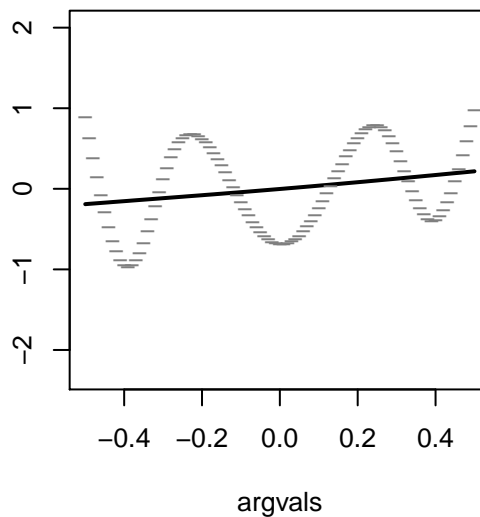
**PC 7 (explains 1.73 % of total variability)**



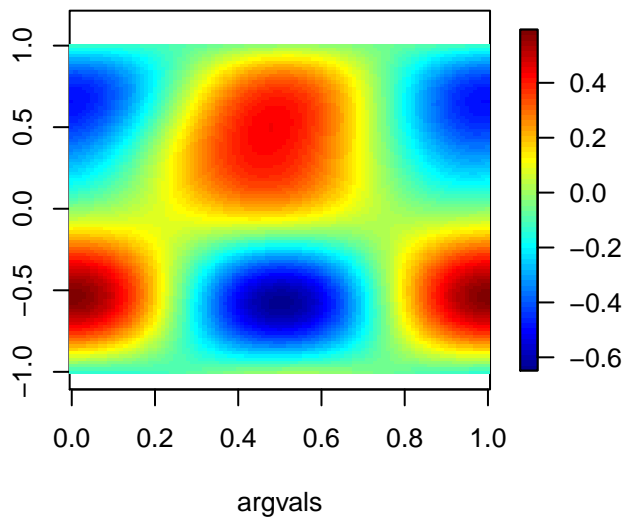
**PC 7 (explains 1.73 % of total variability)**



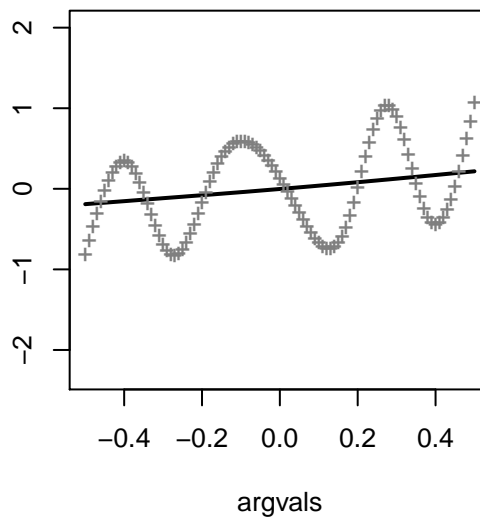
**PC 7 (explains 1.73 % of total variability)**



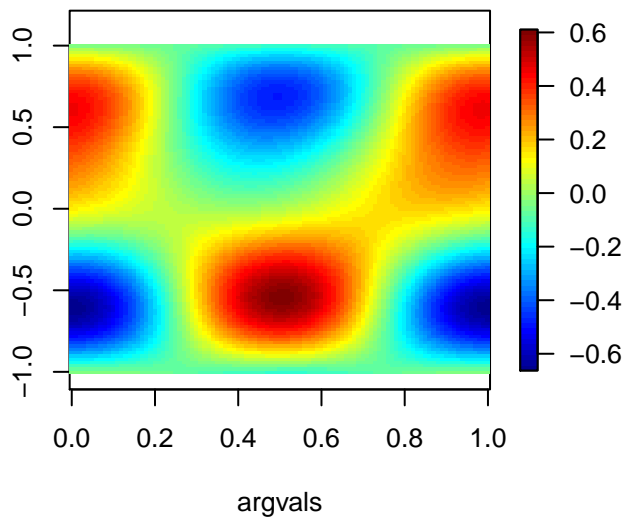
**PC 8 (explains 1.15 % of total variability)**



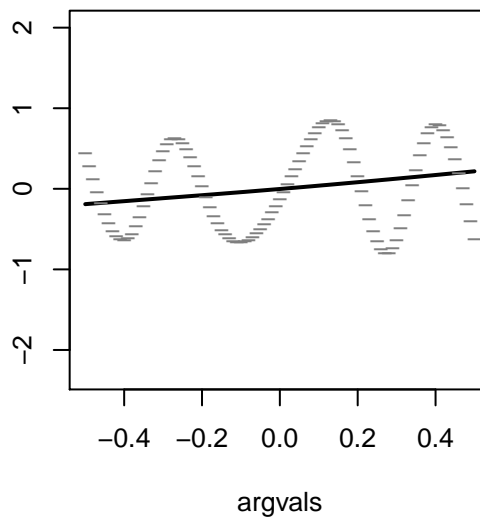
**PC 8 (explains 1.15 % of total variability)**



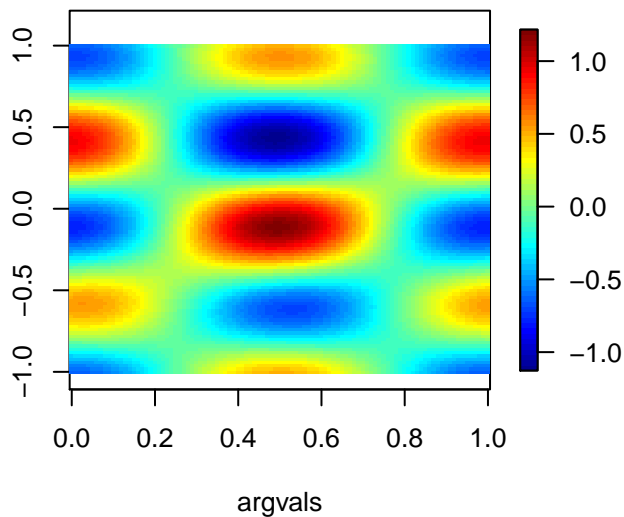
**PC 8 (explains 1.15 % of total variability)**



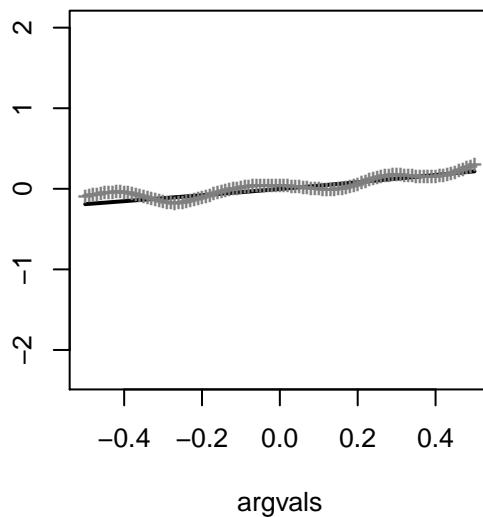
**PC 8 (explains 1.15 % of total variability)**



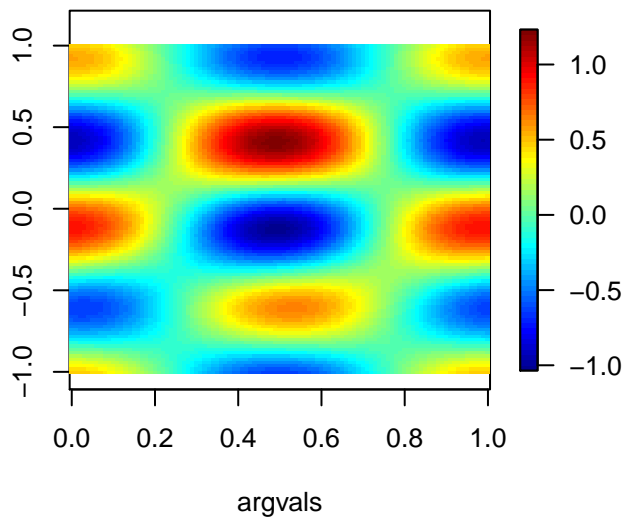
**PC 9 (explains 0.18 % of total variability)**



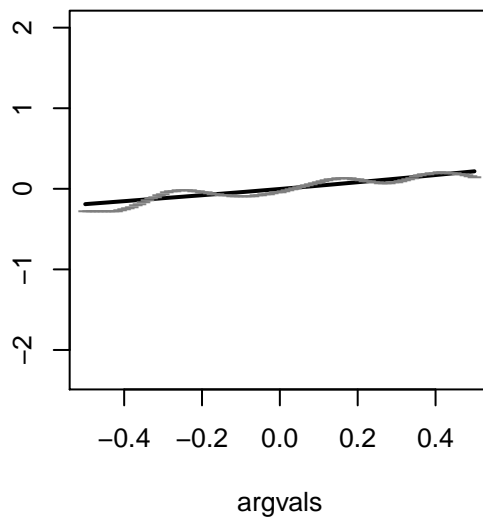
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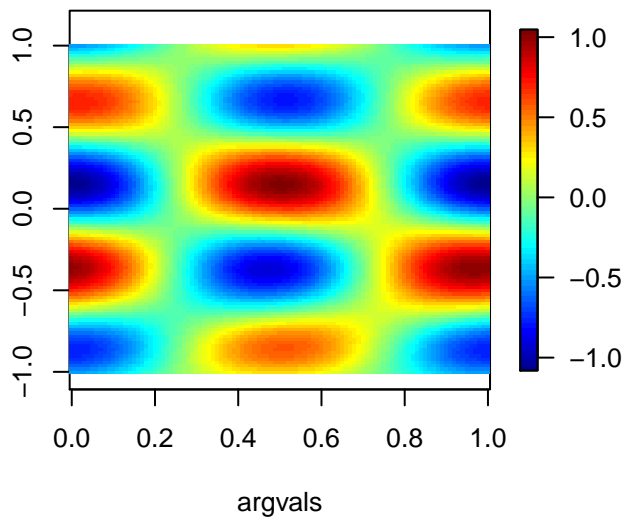


**PC 9 (explains 0.18 % of total variability)**

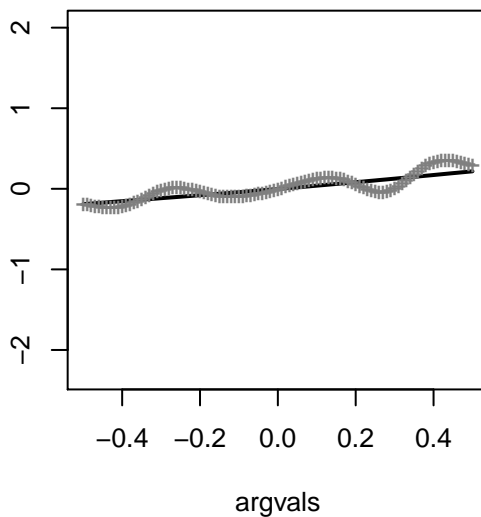




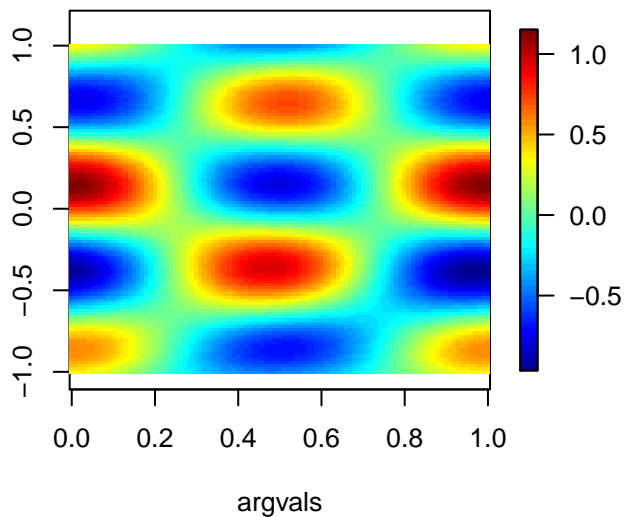
**PC 10 (explains 0.16 % of total variability)**



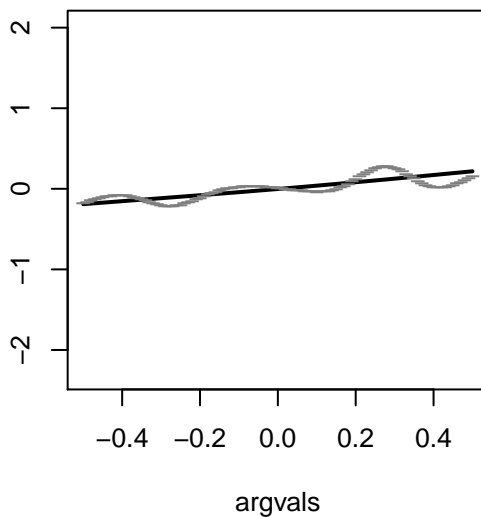
**PC 10 (explains 0.16 % of total variability)**

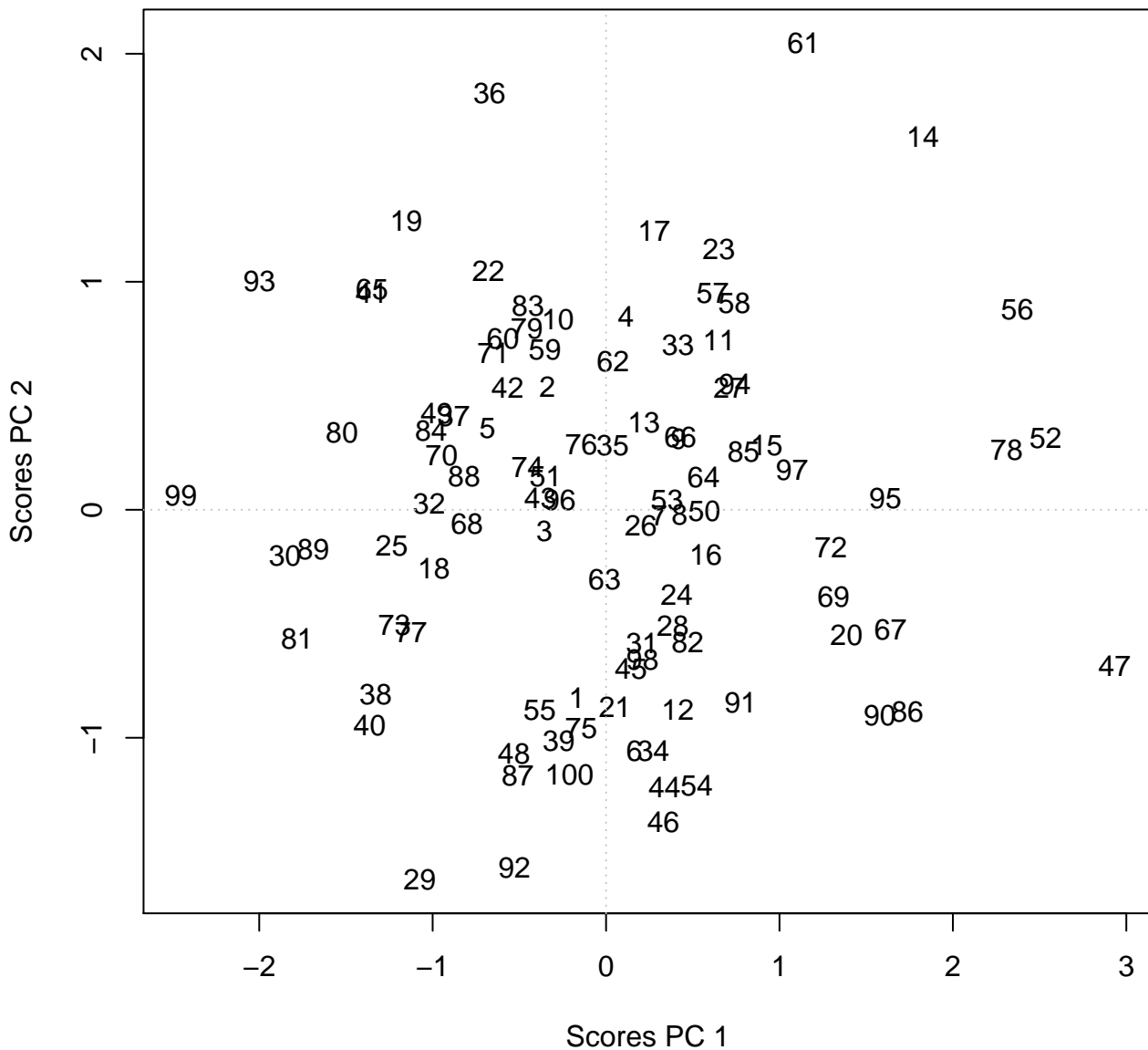


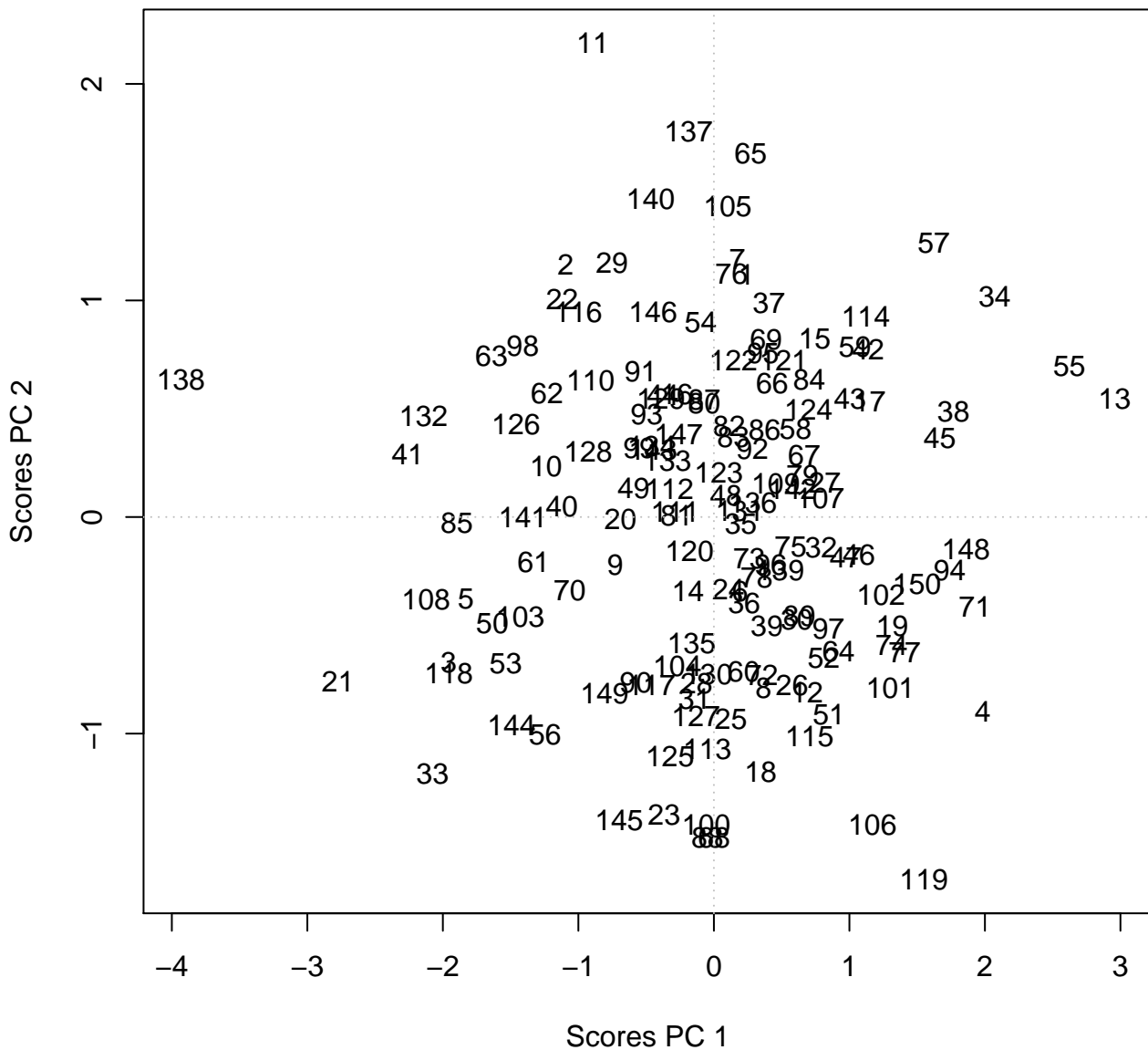
**PC 10 (explains 0.16 % of total variability)**



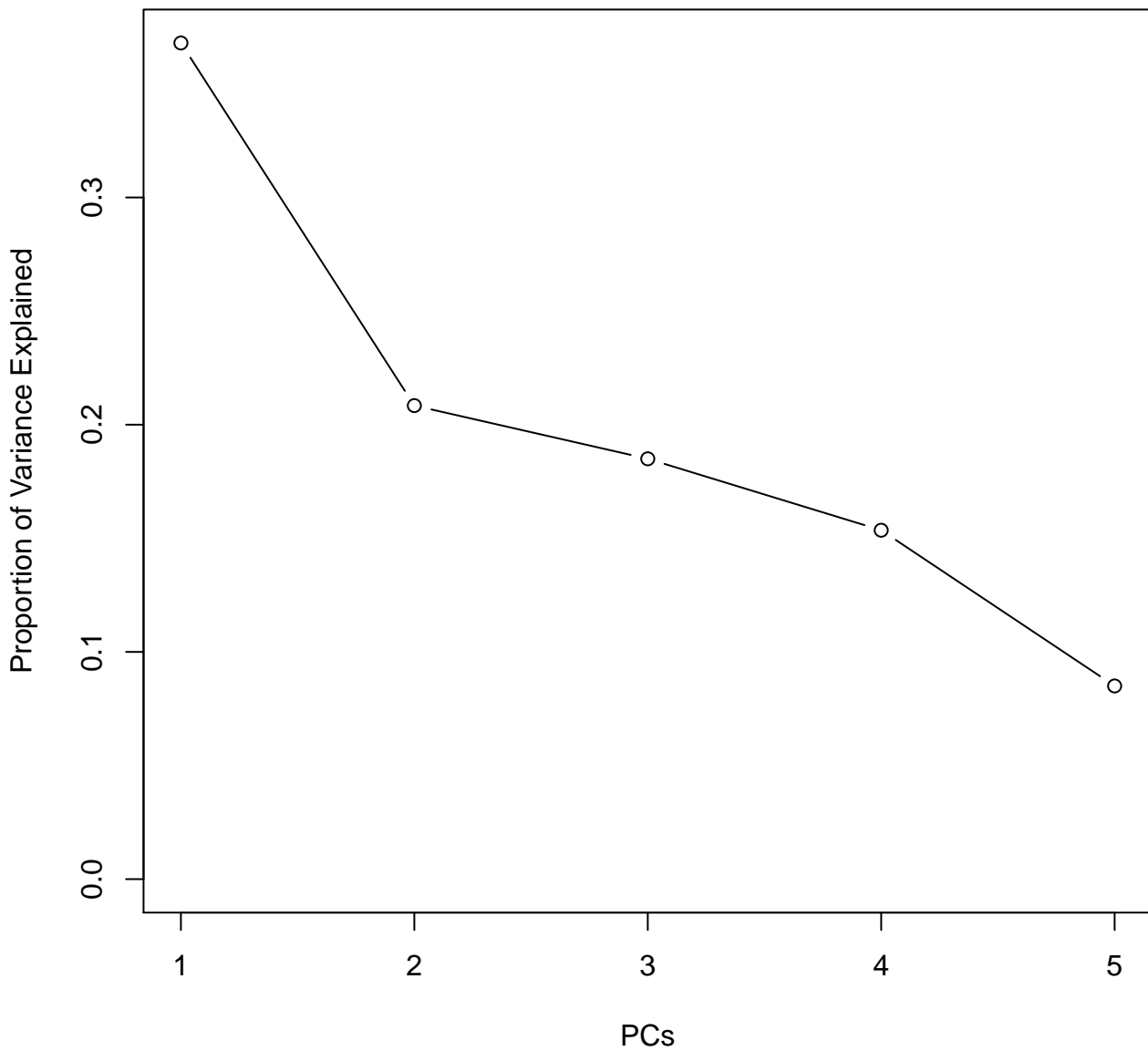
**PC 10 (explains 0.16 % of total variability)**







**pca1D**



pca2D

