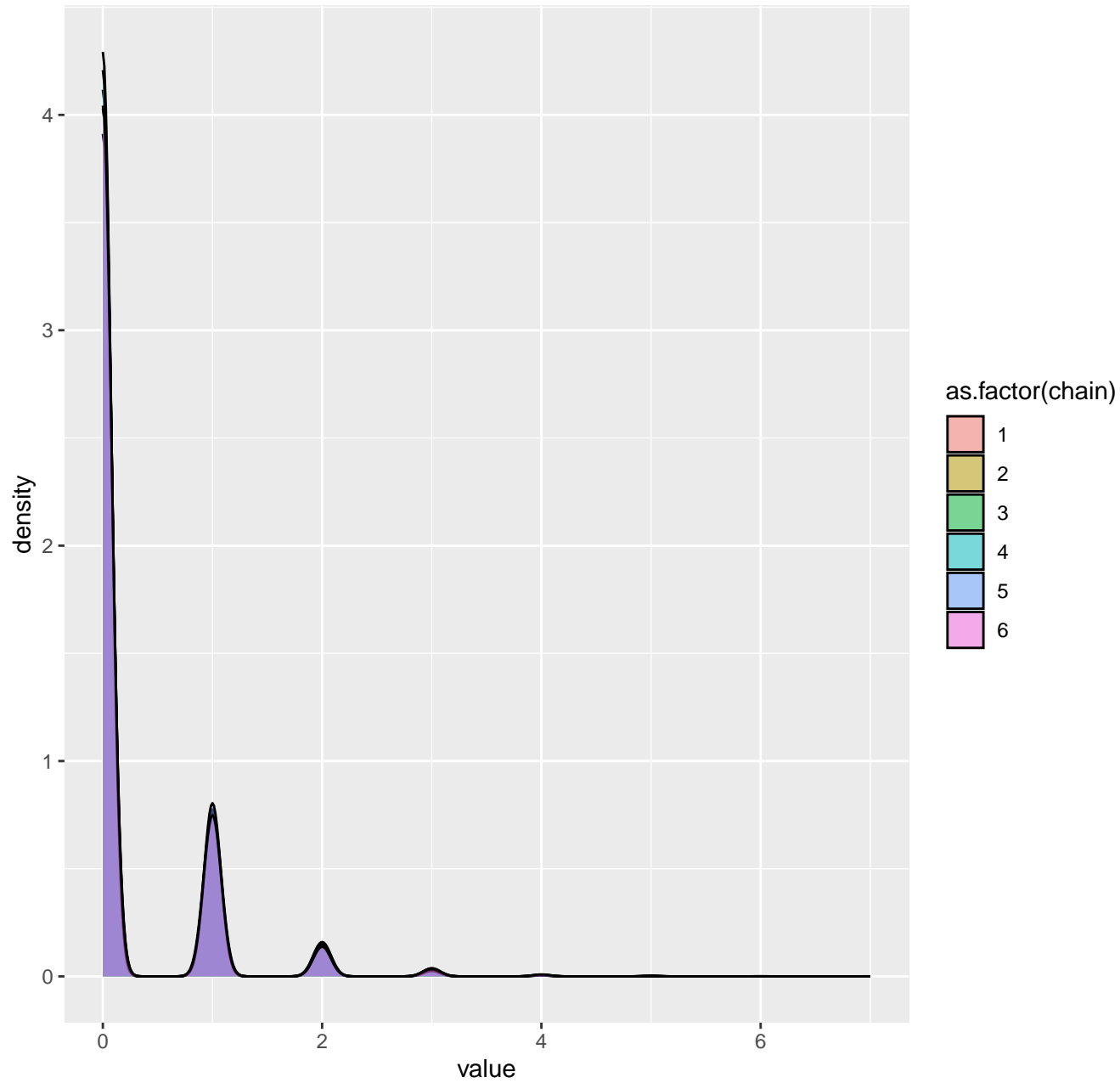
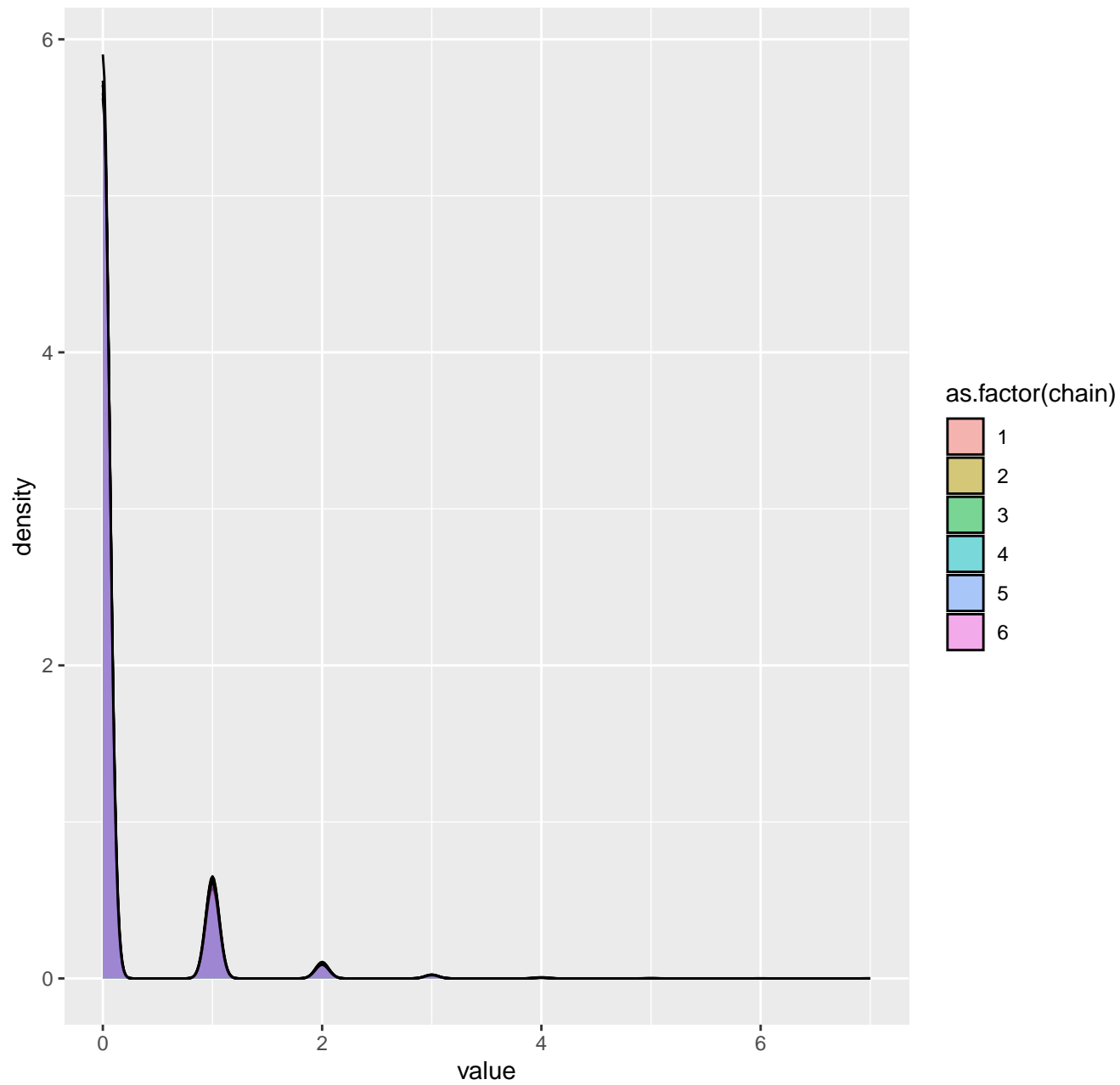


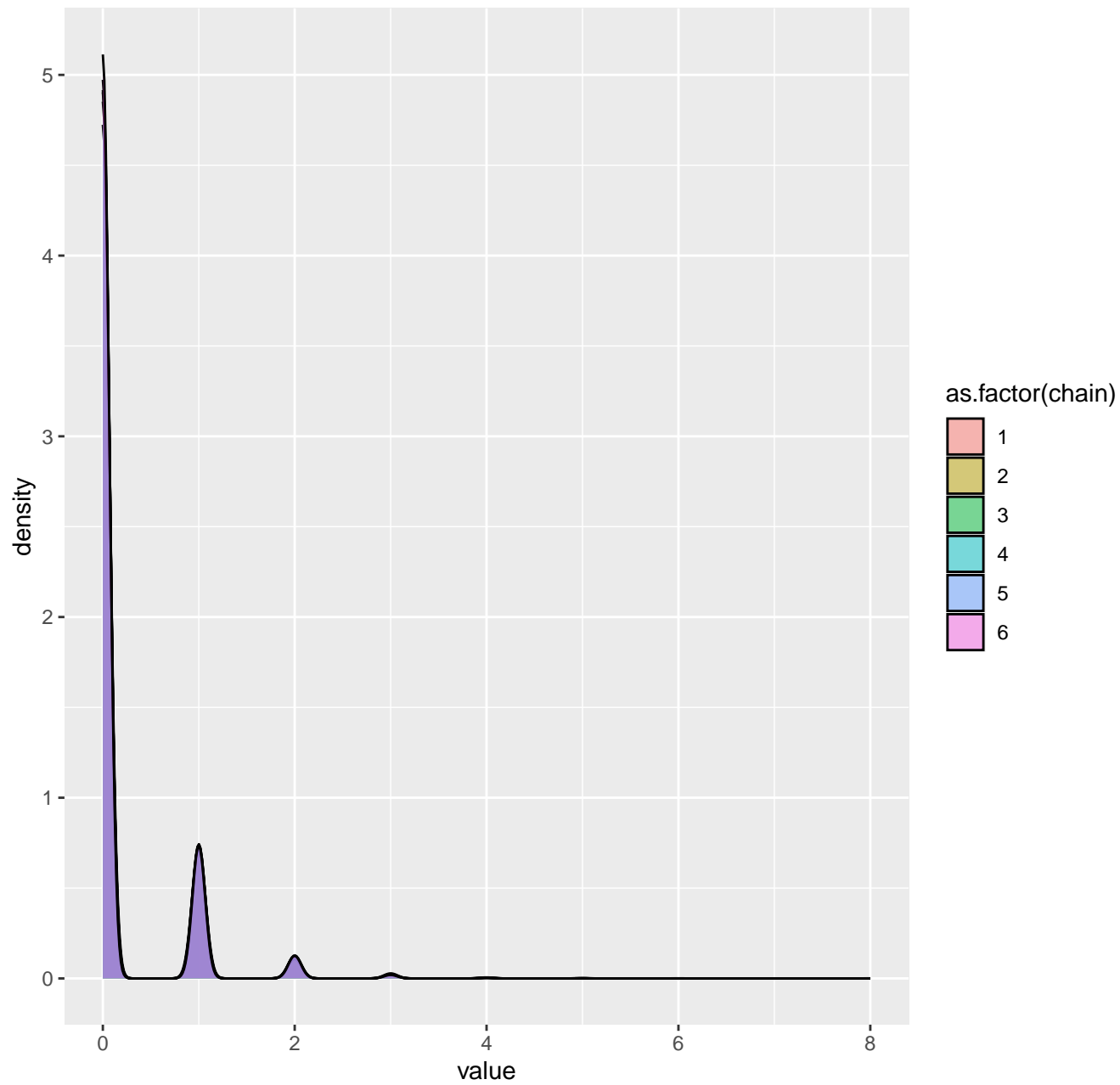
Density plot of X\_1 over the chains



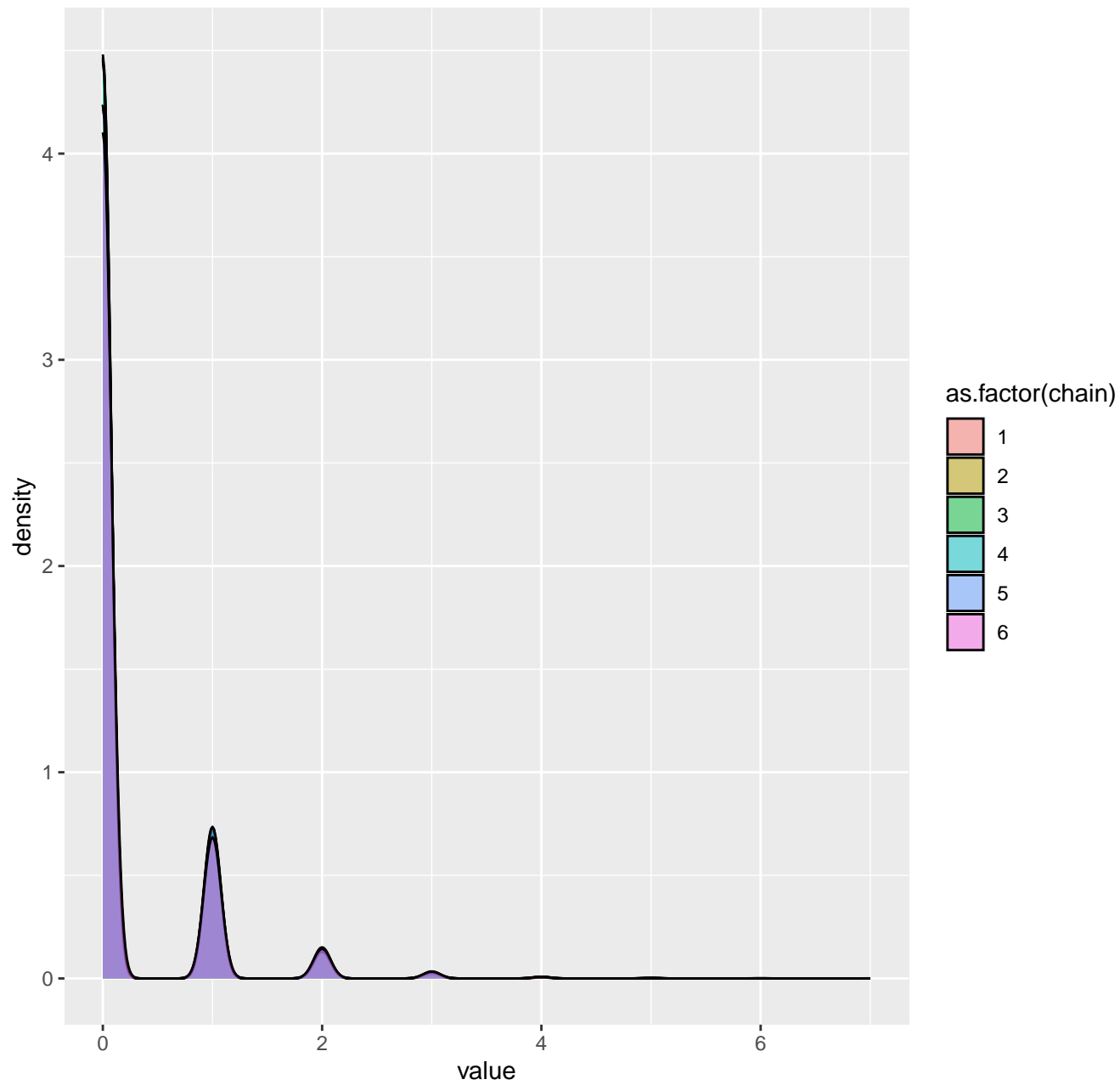
Density plot of X\_2 over the chains



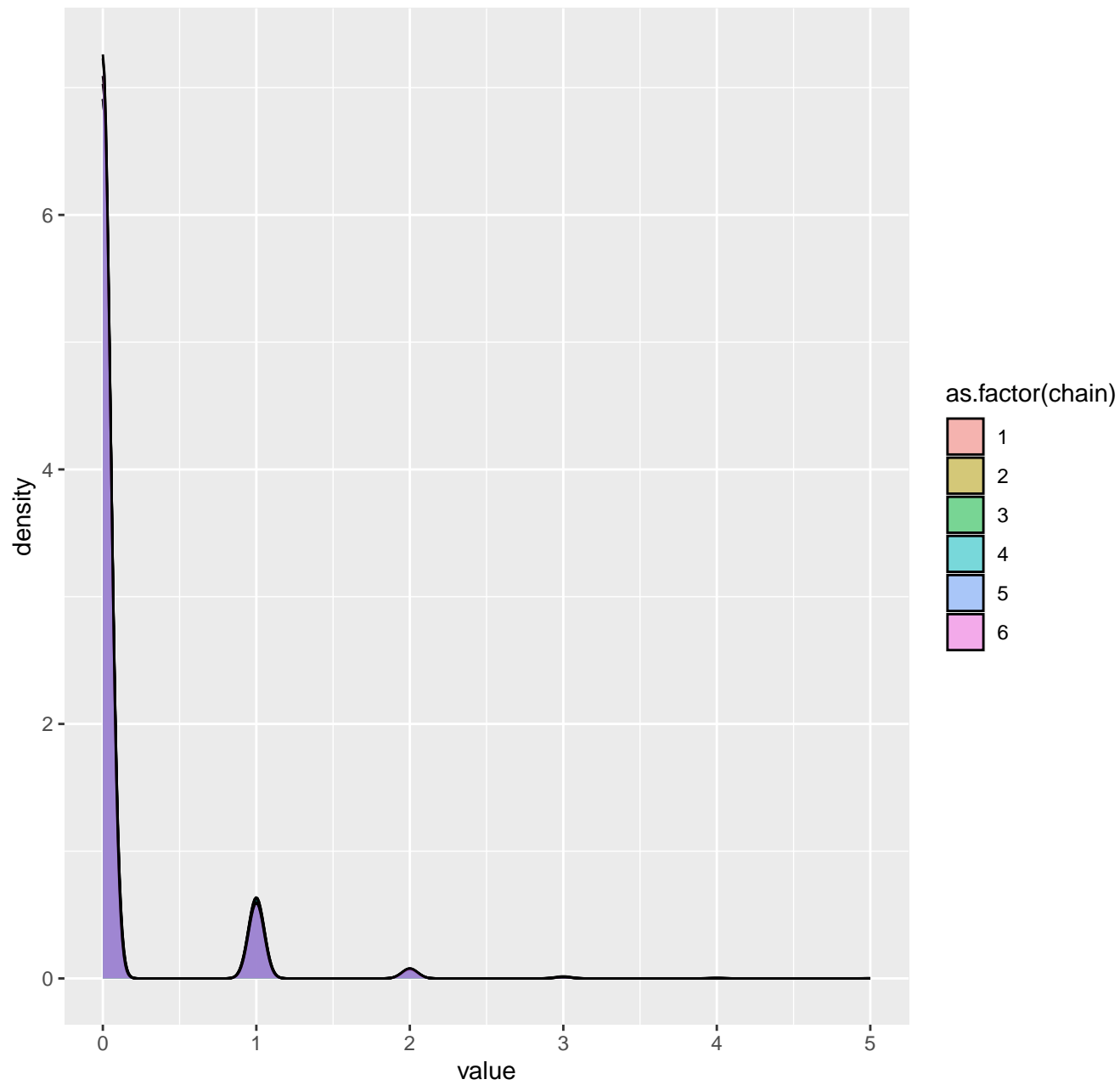
Density plot of X\_3 over the chains



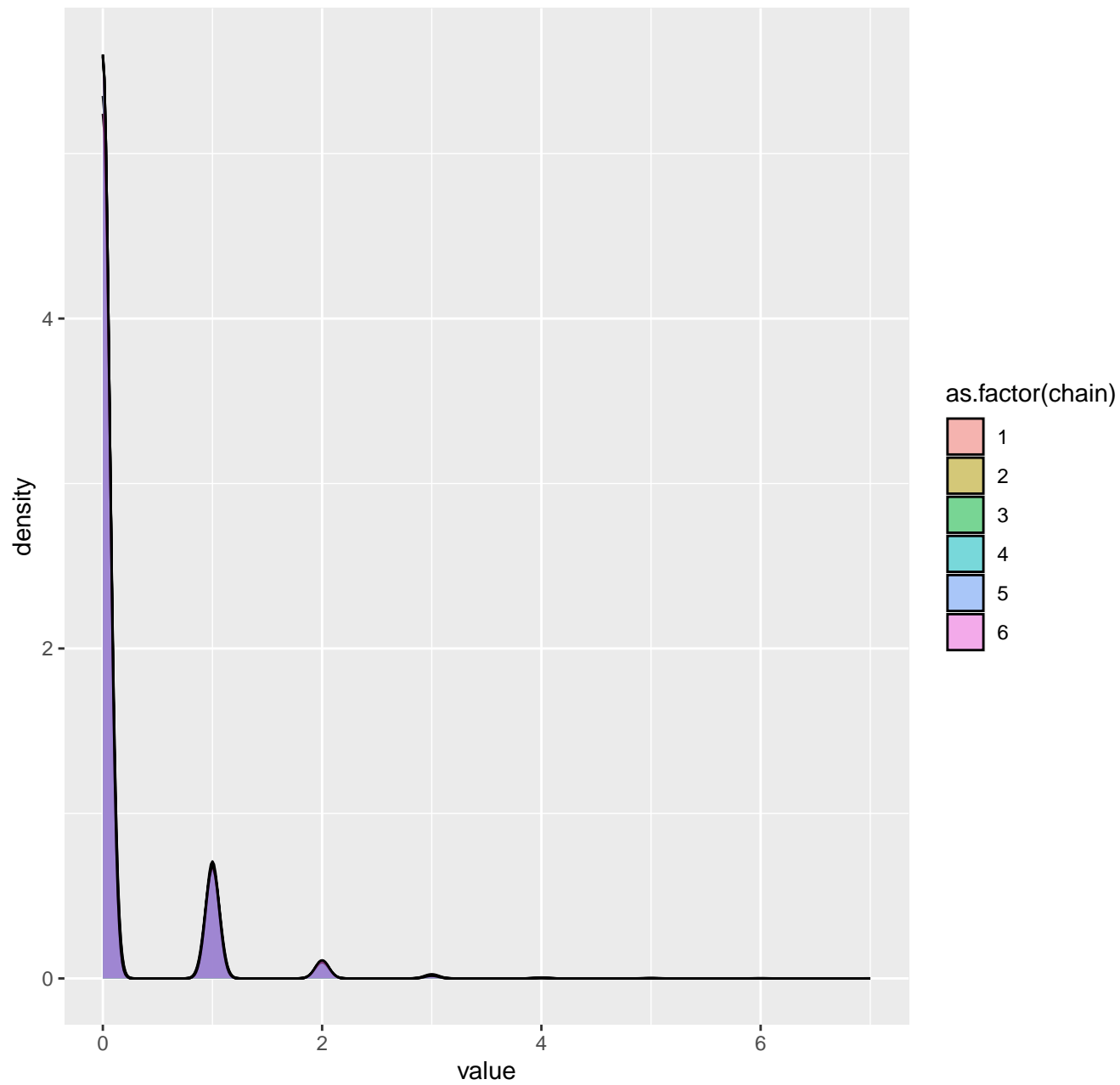
Density plot of X\_4 over the chains



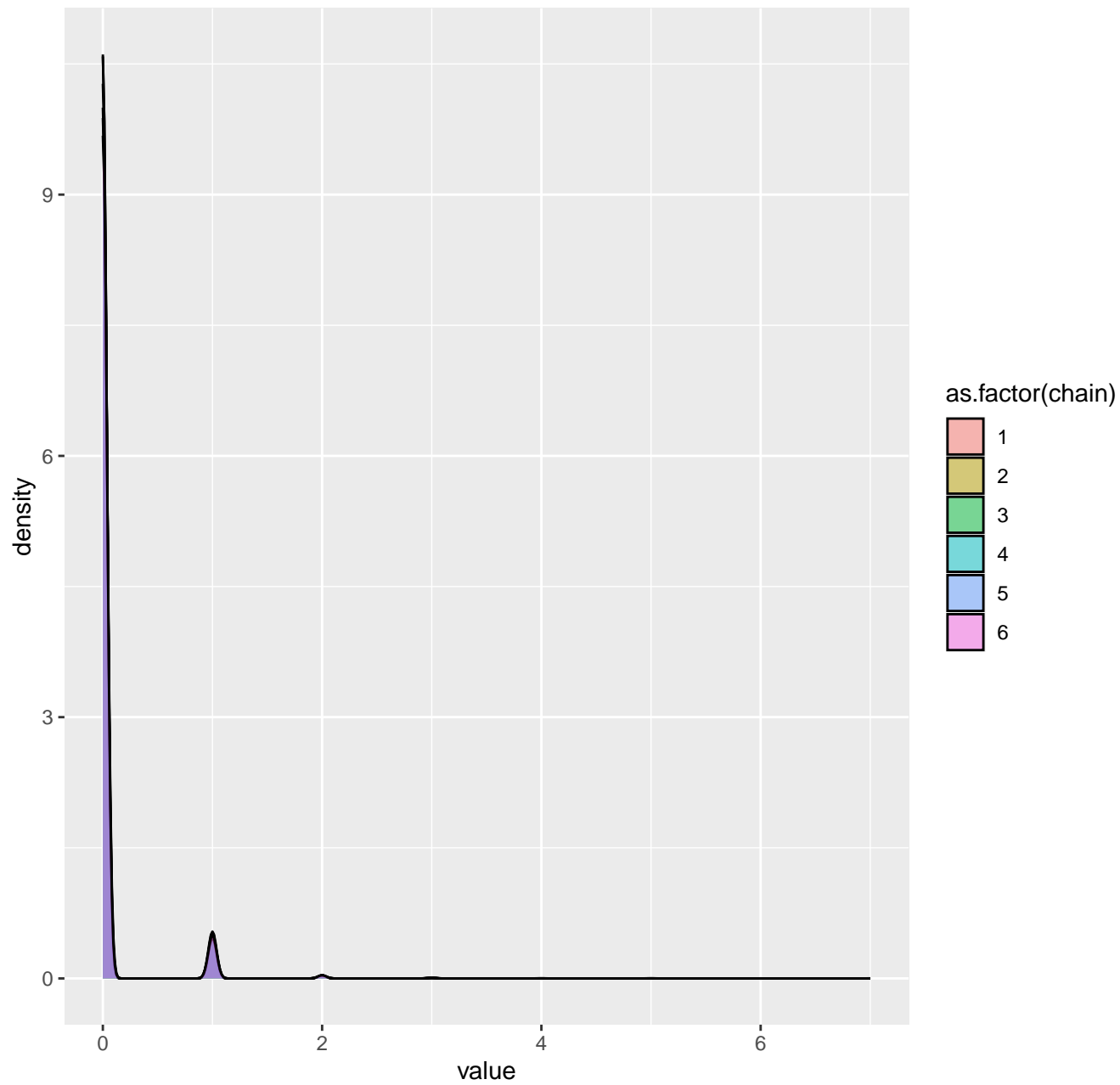
Density plot of X\_5 over the chains



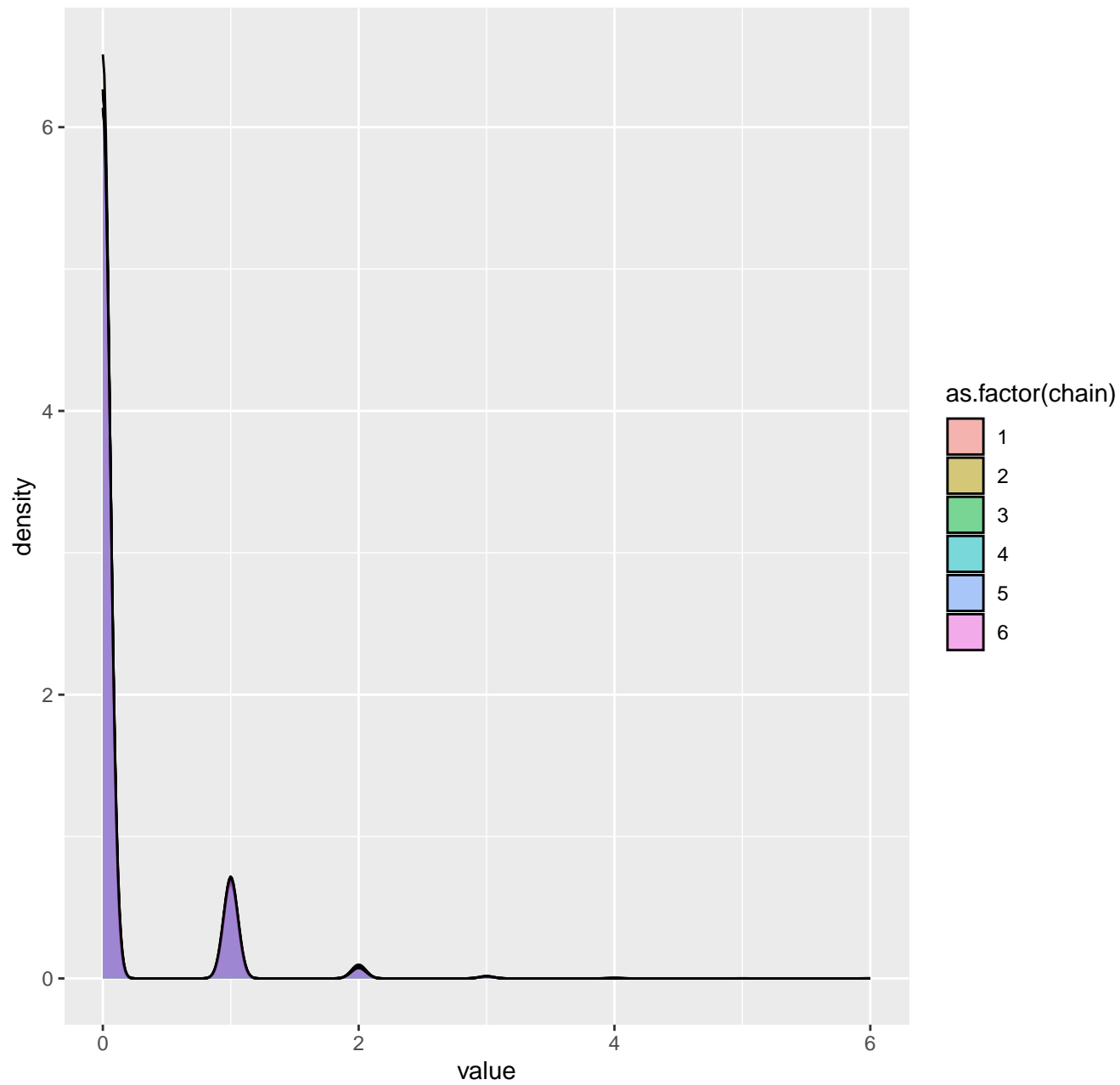
Density plot of X\_6 over the chains



Density plot of X\_7 over the chains

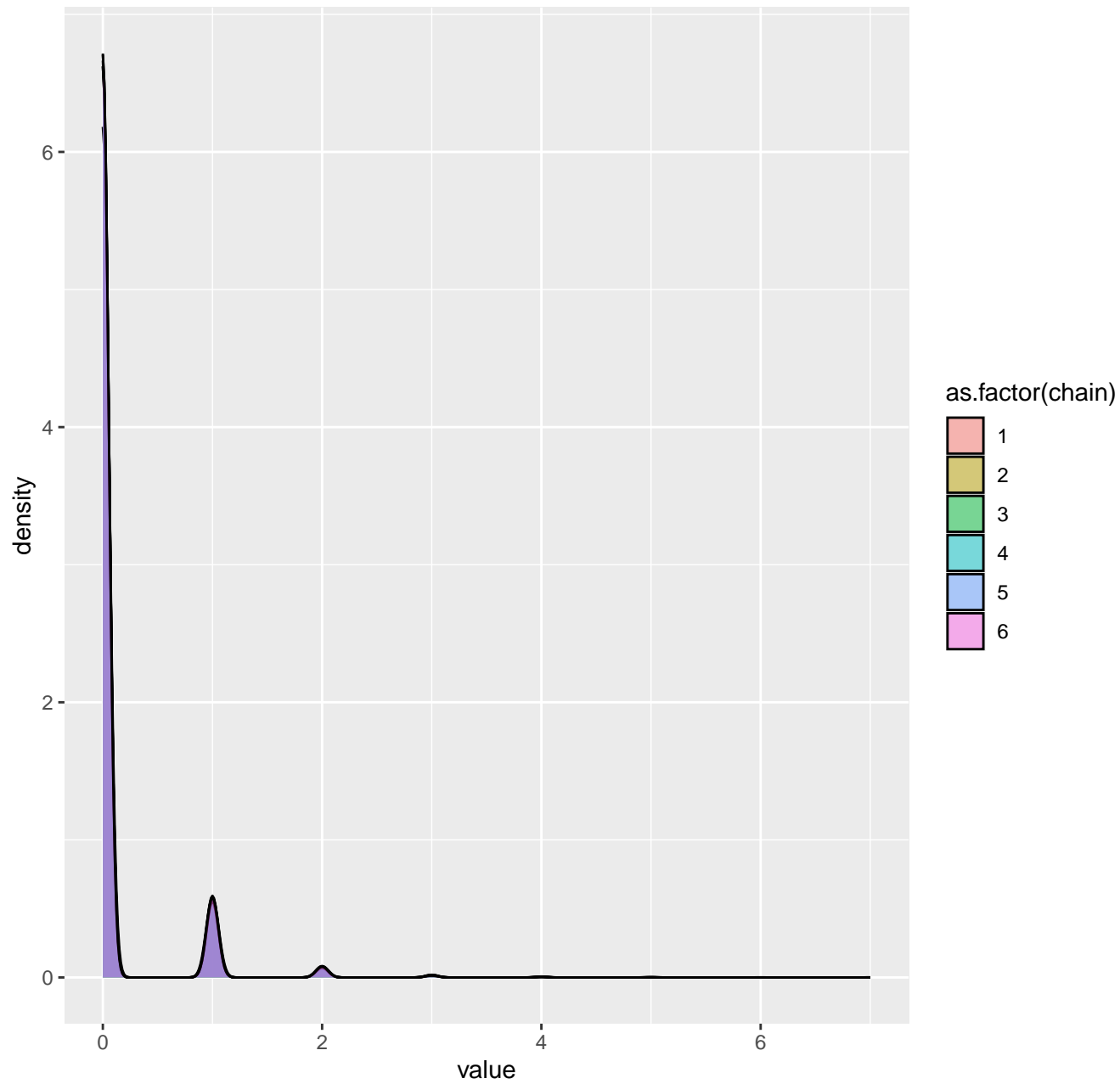


Density plot of X\_8 over the chains

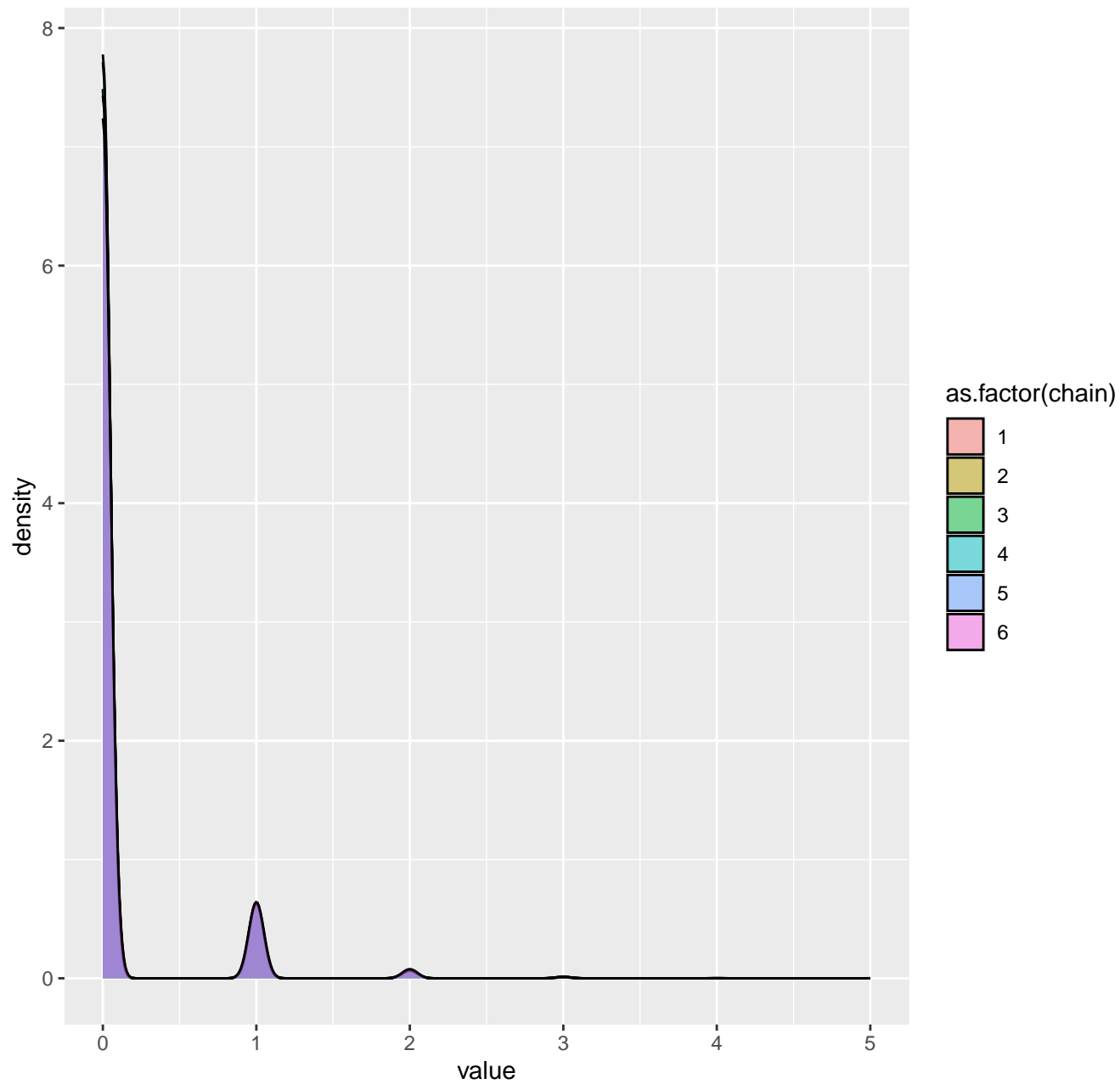




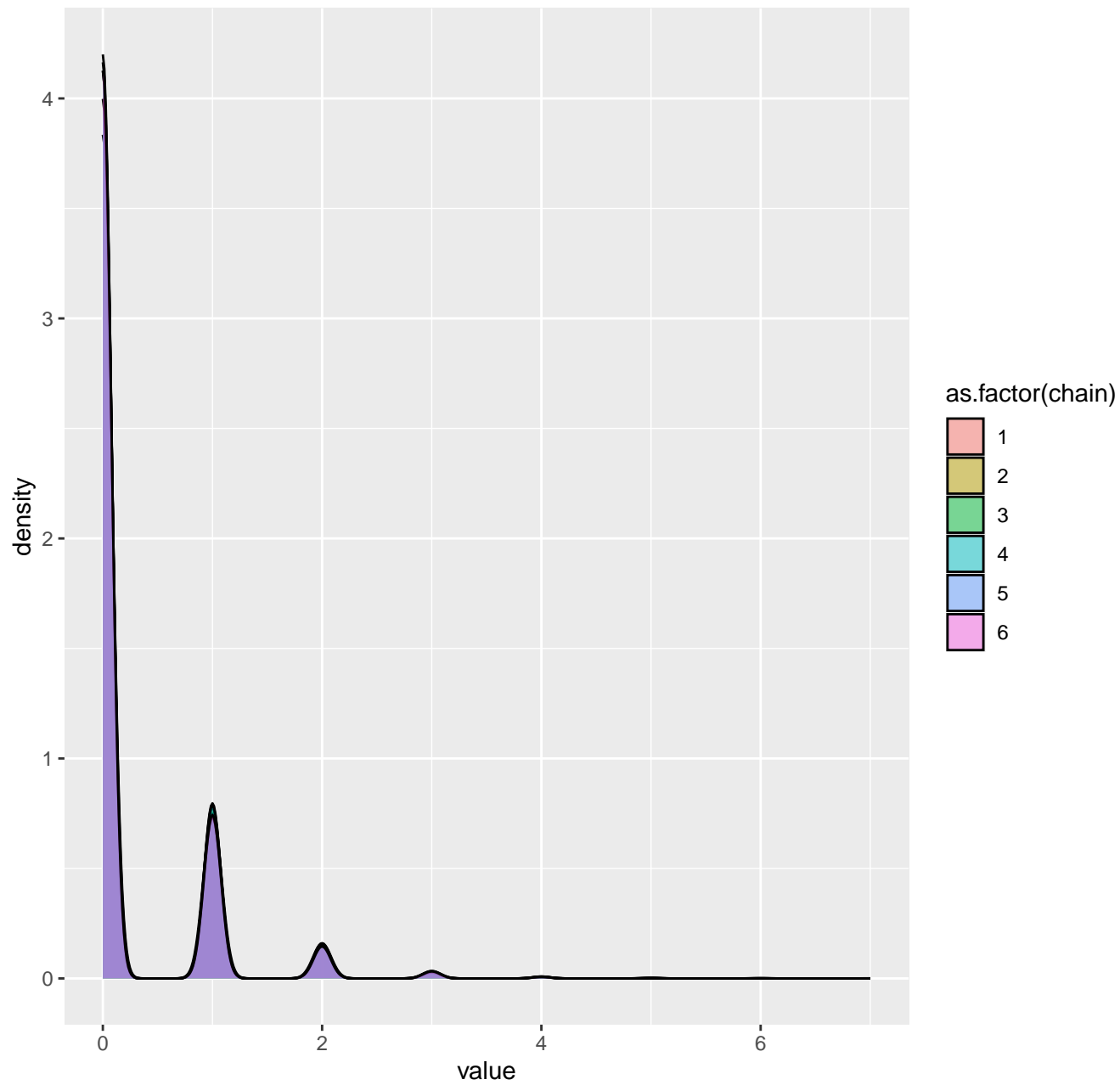
Density plot of X\_9 over the chains



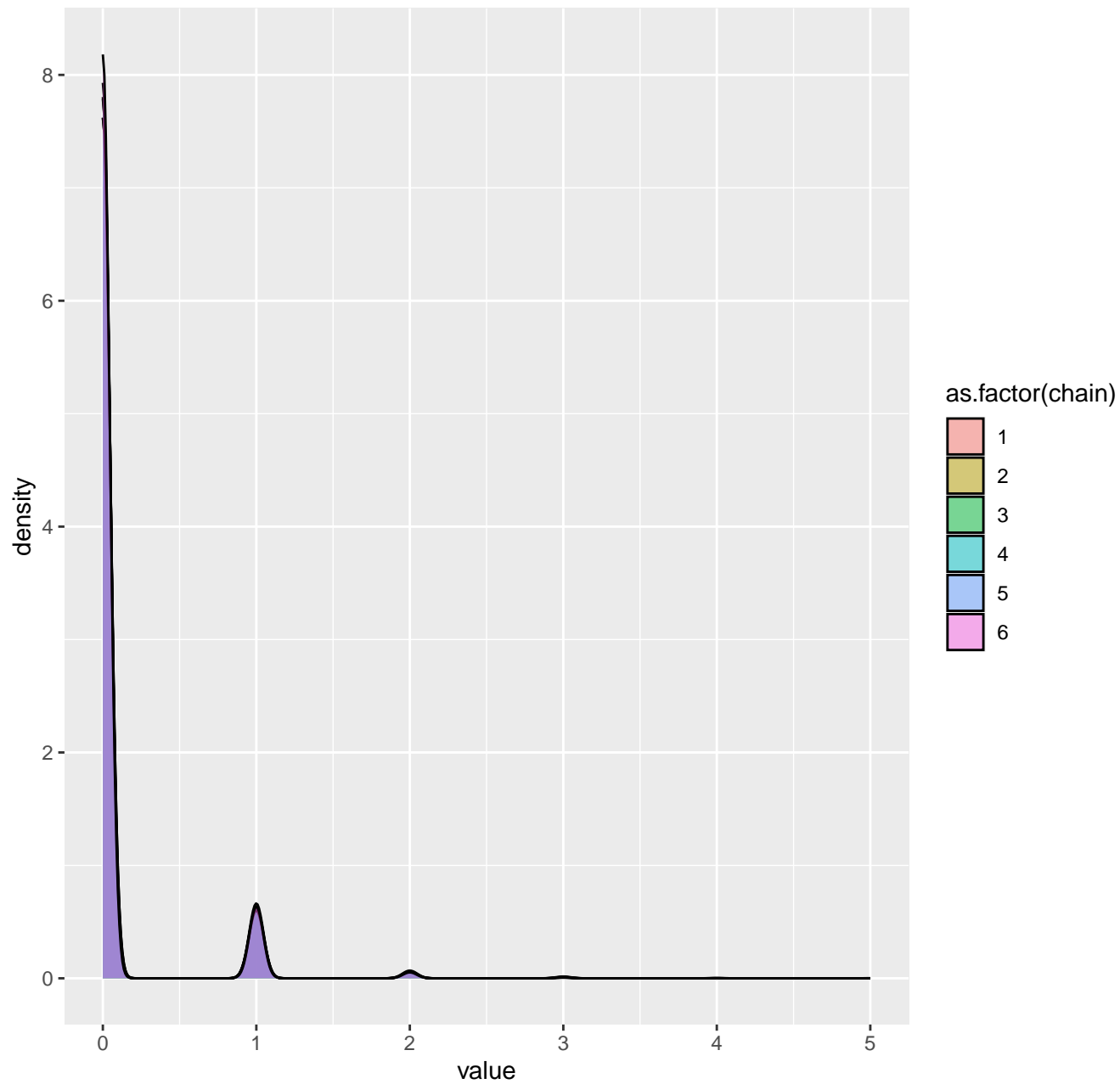
Density plot of X\_10 over the chains



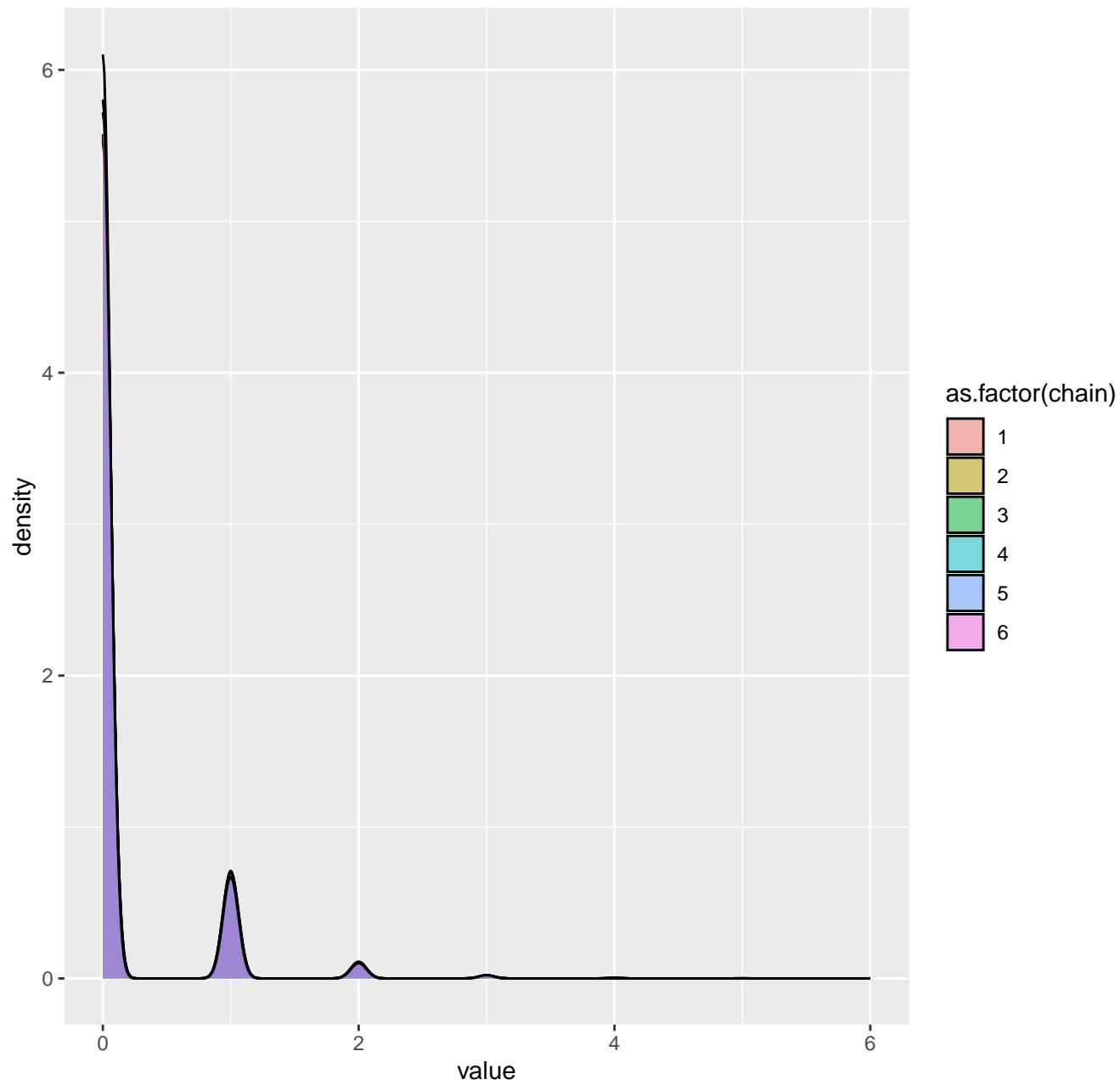
Density plot of X\_11 over the chains



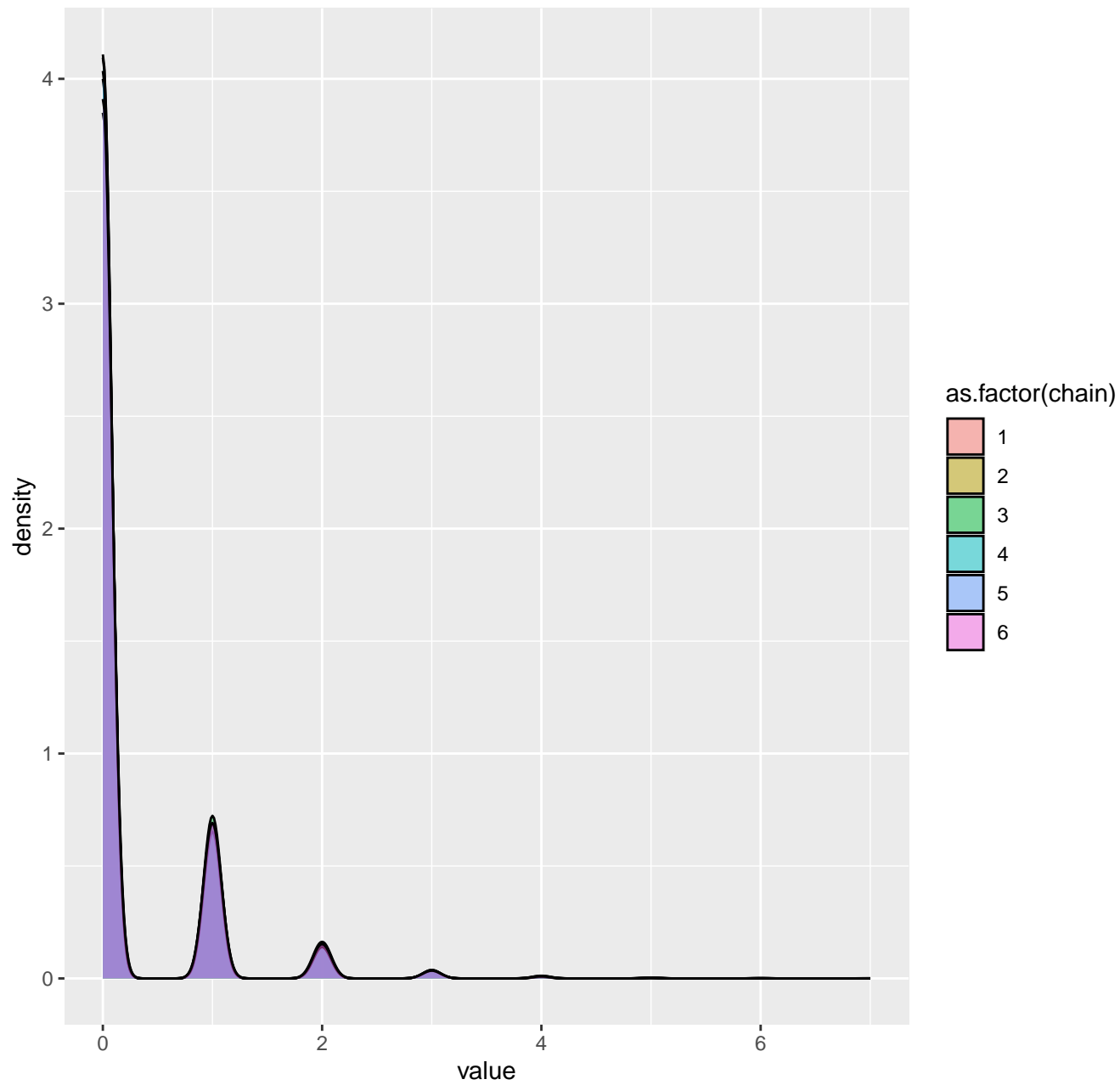
Density plot of X\_12 over the chains



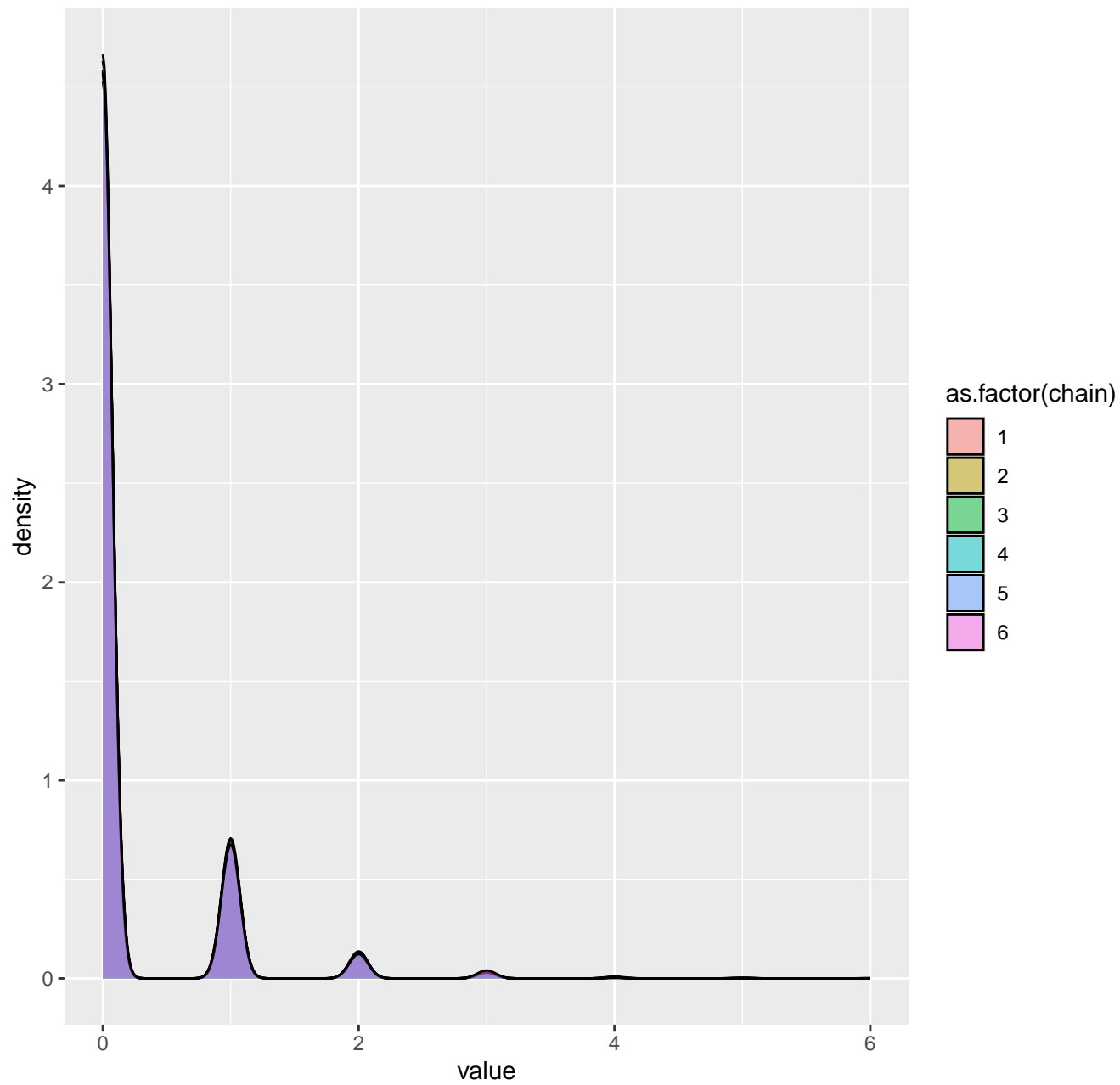
Density plot of X\_13 over the chains



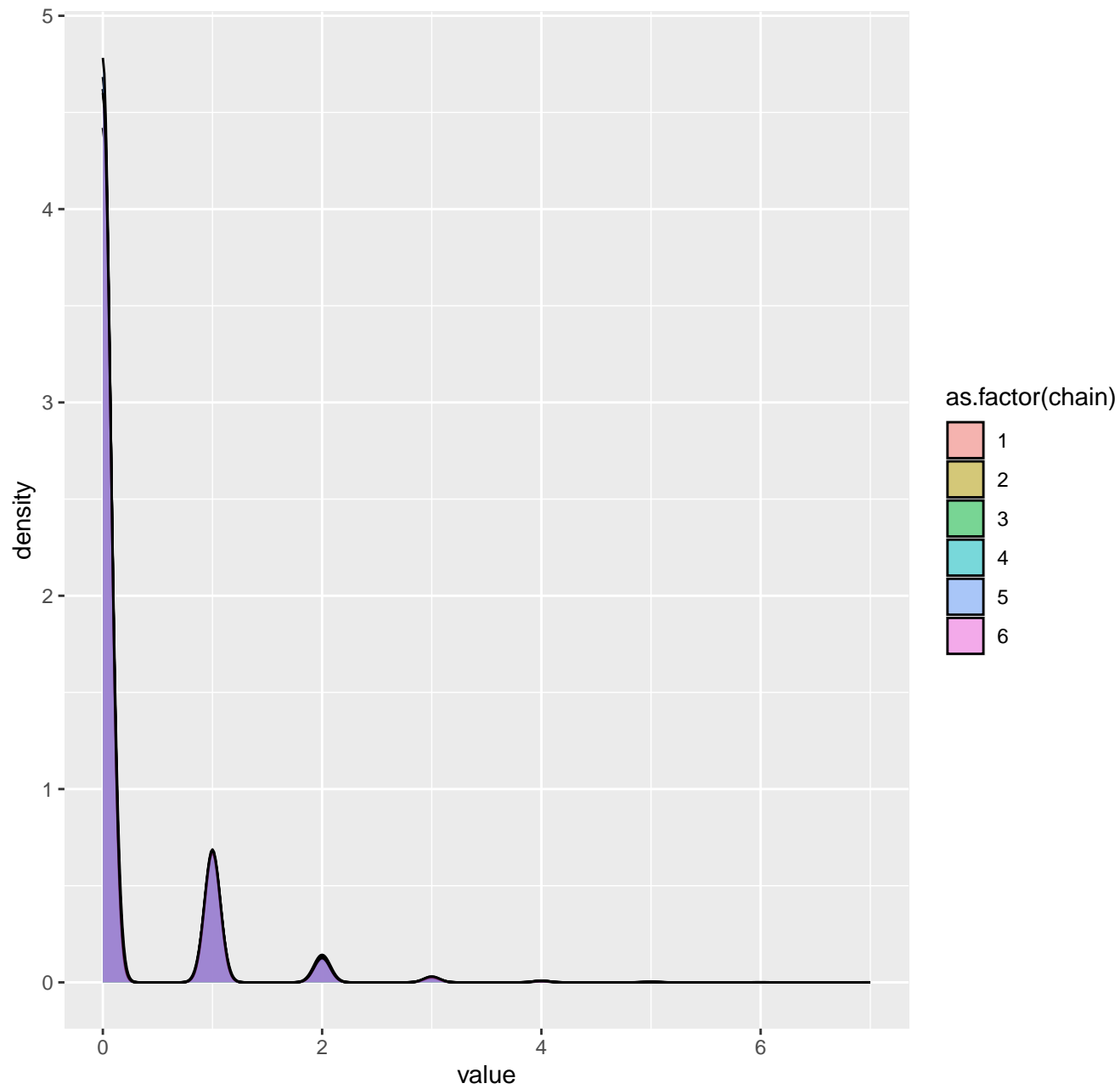
Density plot of X\_14 over the chains



Density plot of X\_15 over the chains

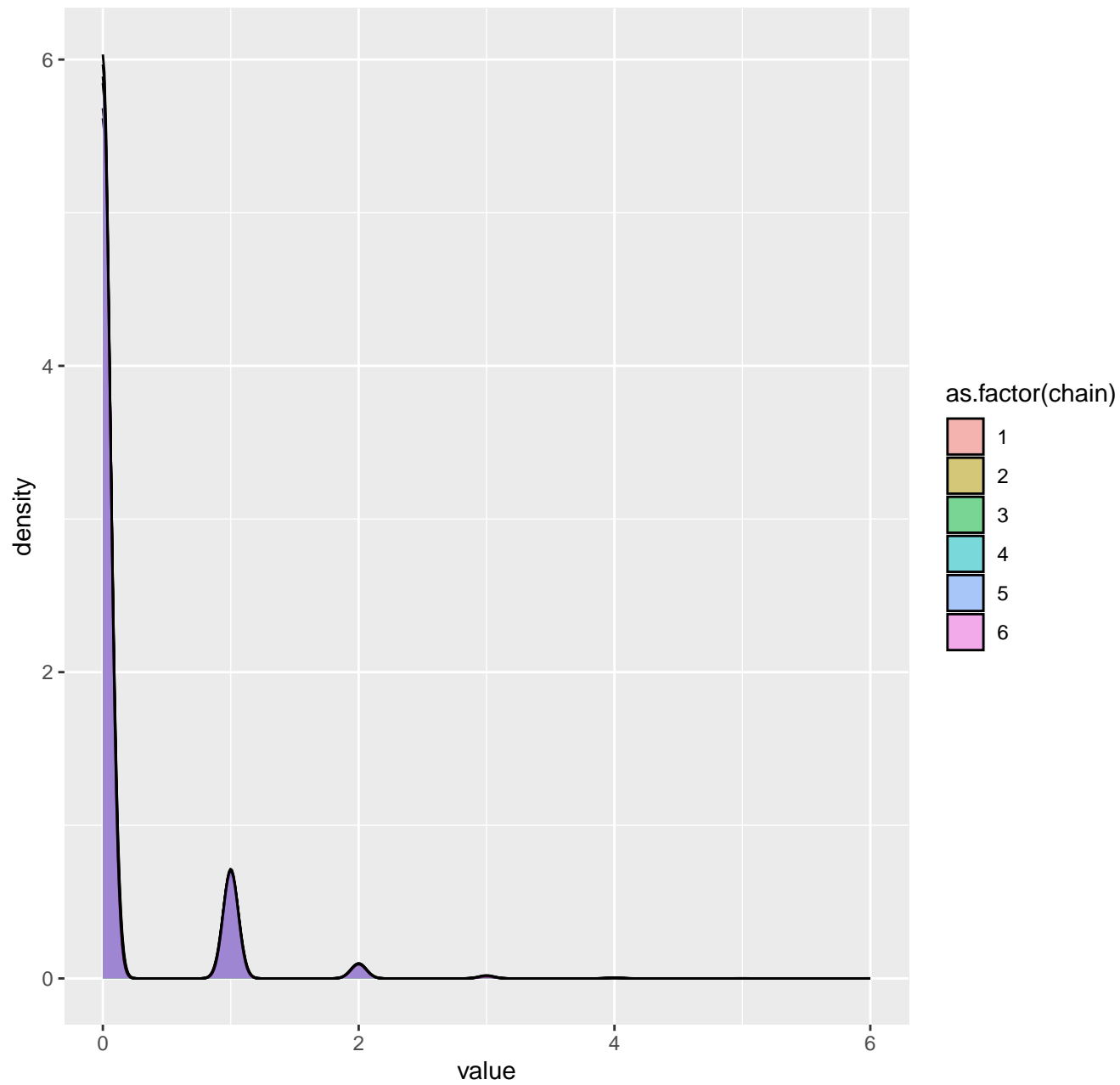


Density plot of X\_16 over the chains

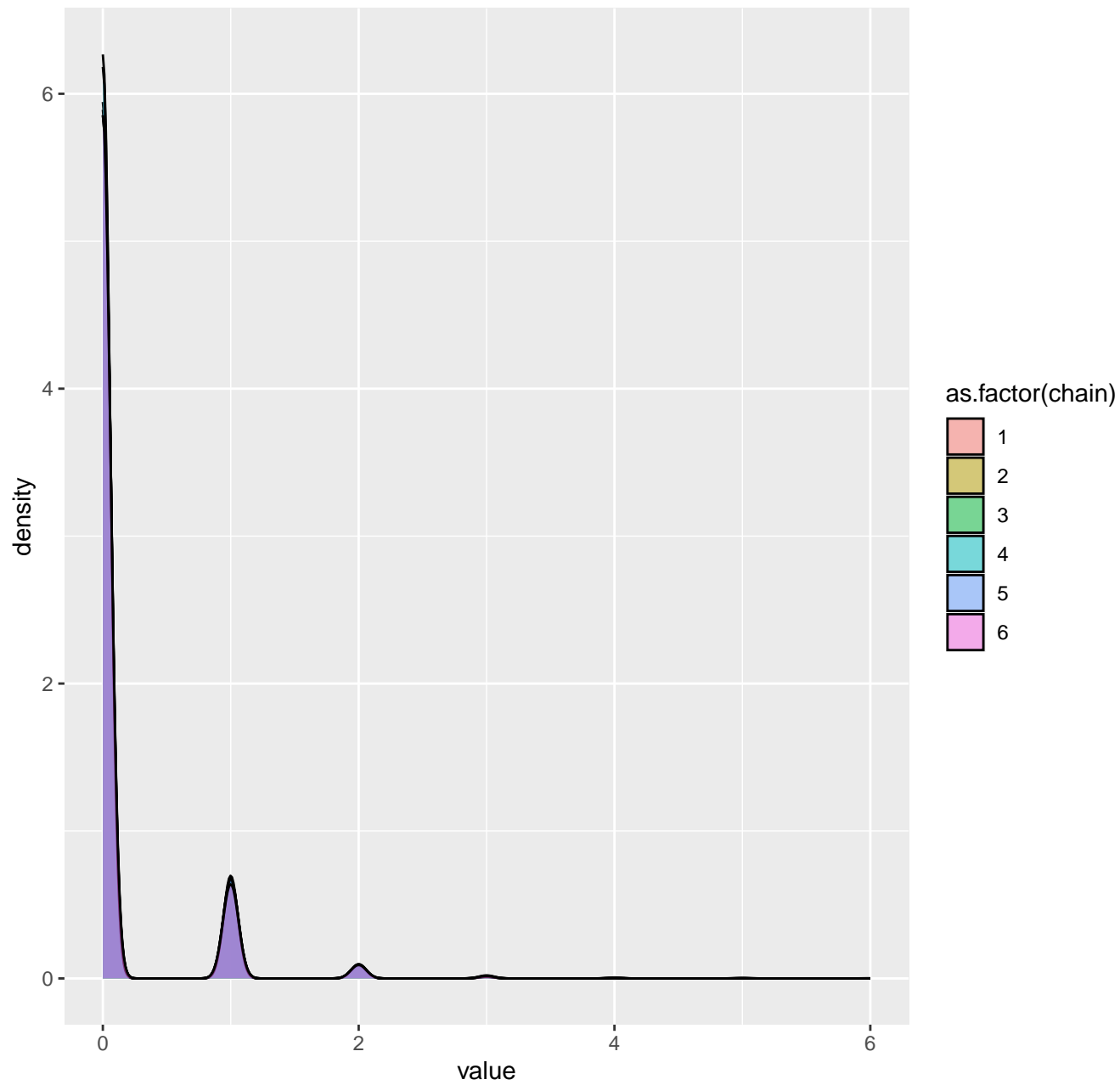




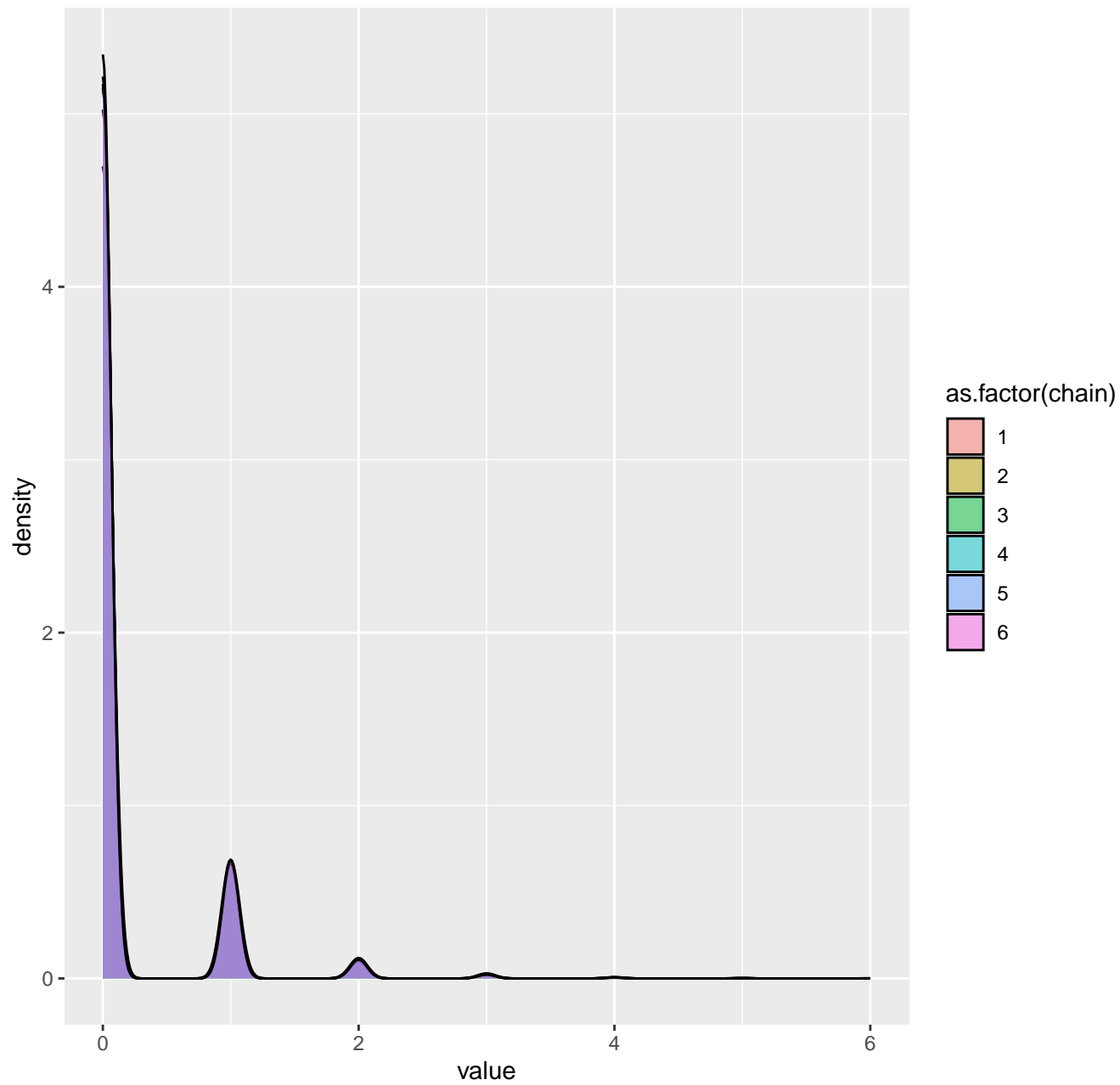
Density plot of X\_17 over the chains



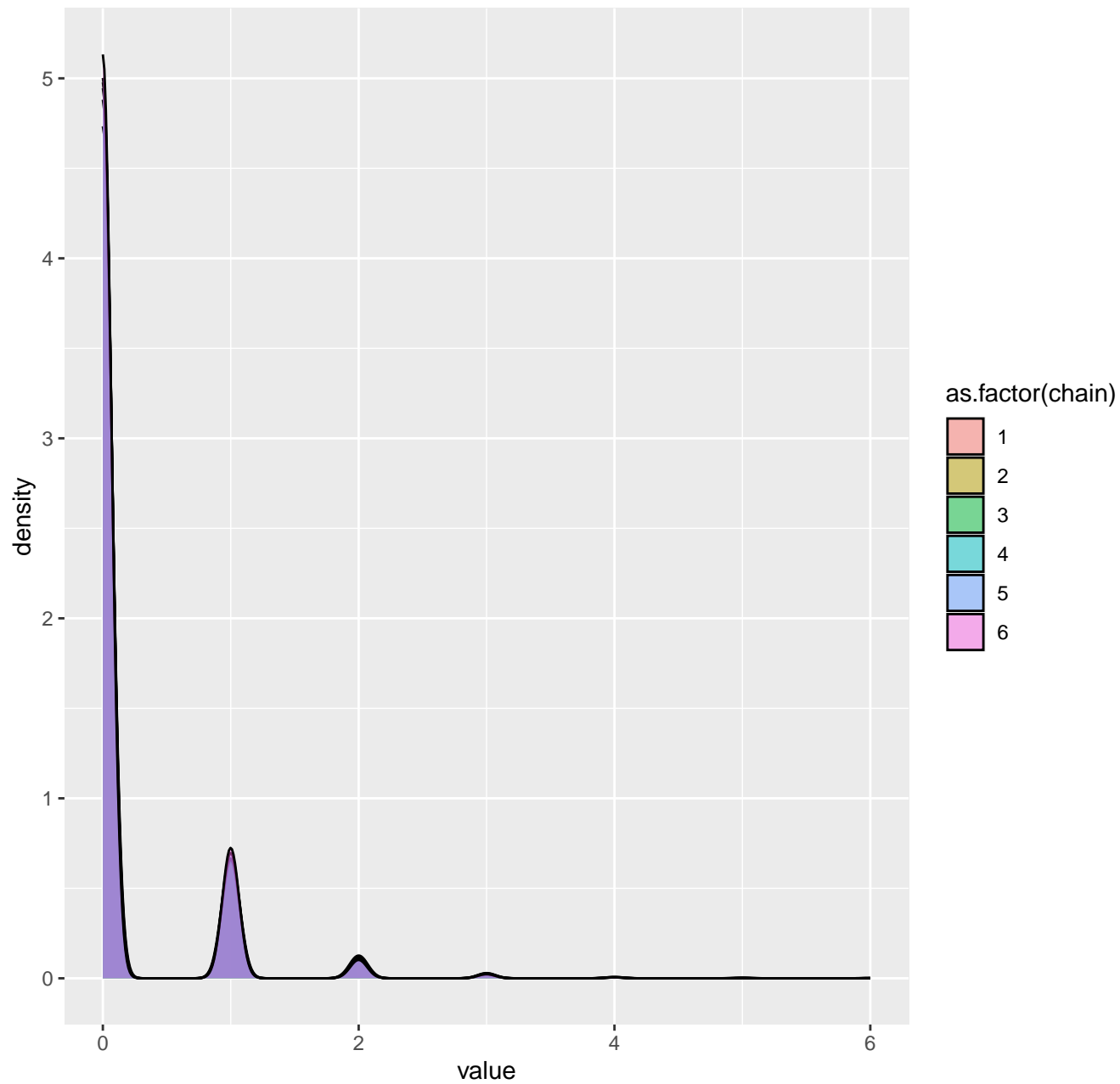
Density plot of X\_18 over the chains



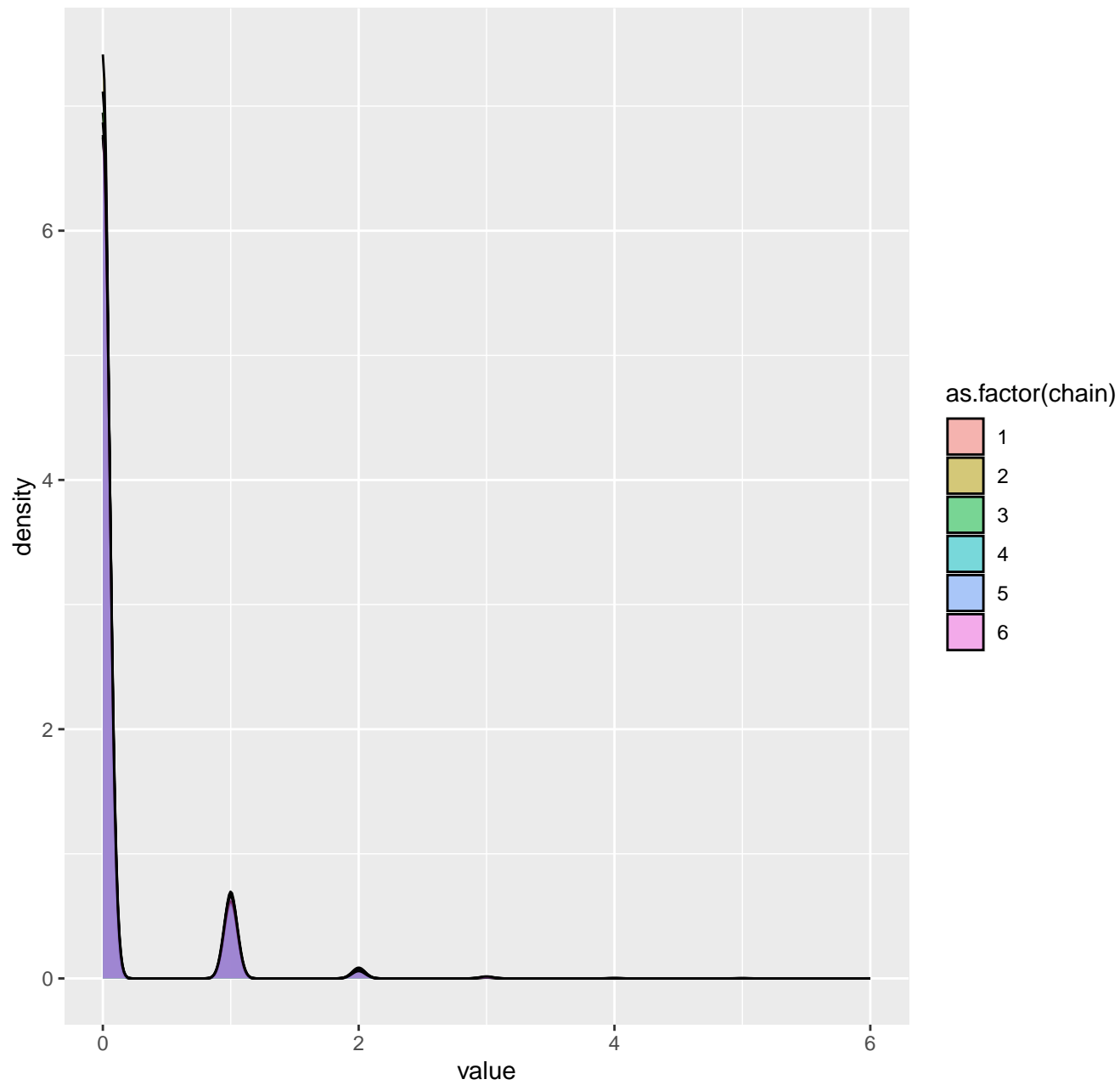
Density plot of X\_19 over the chains



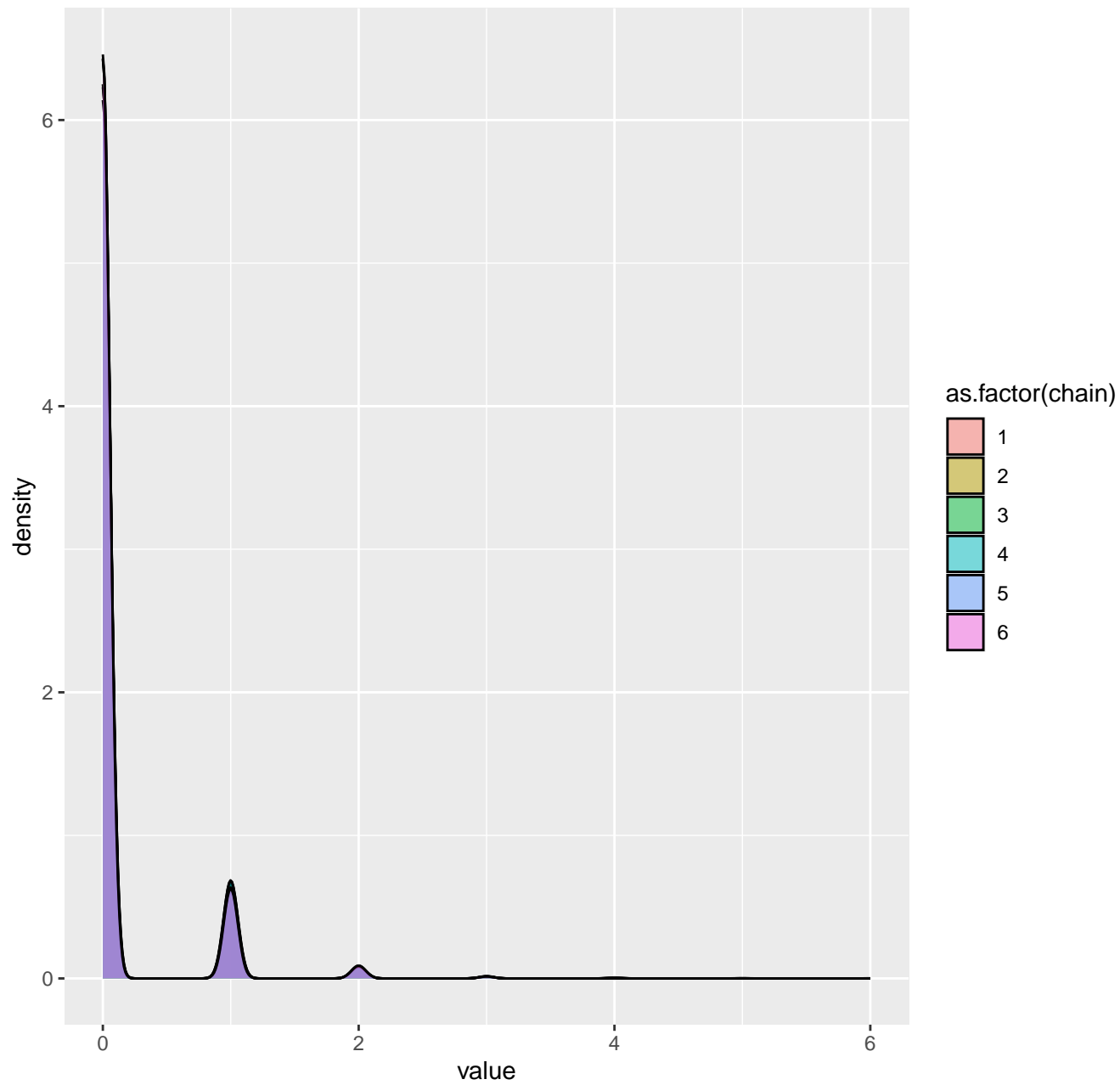
Density plot of X\_20 over the chains



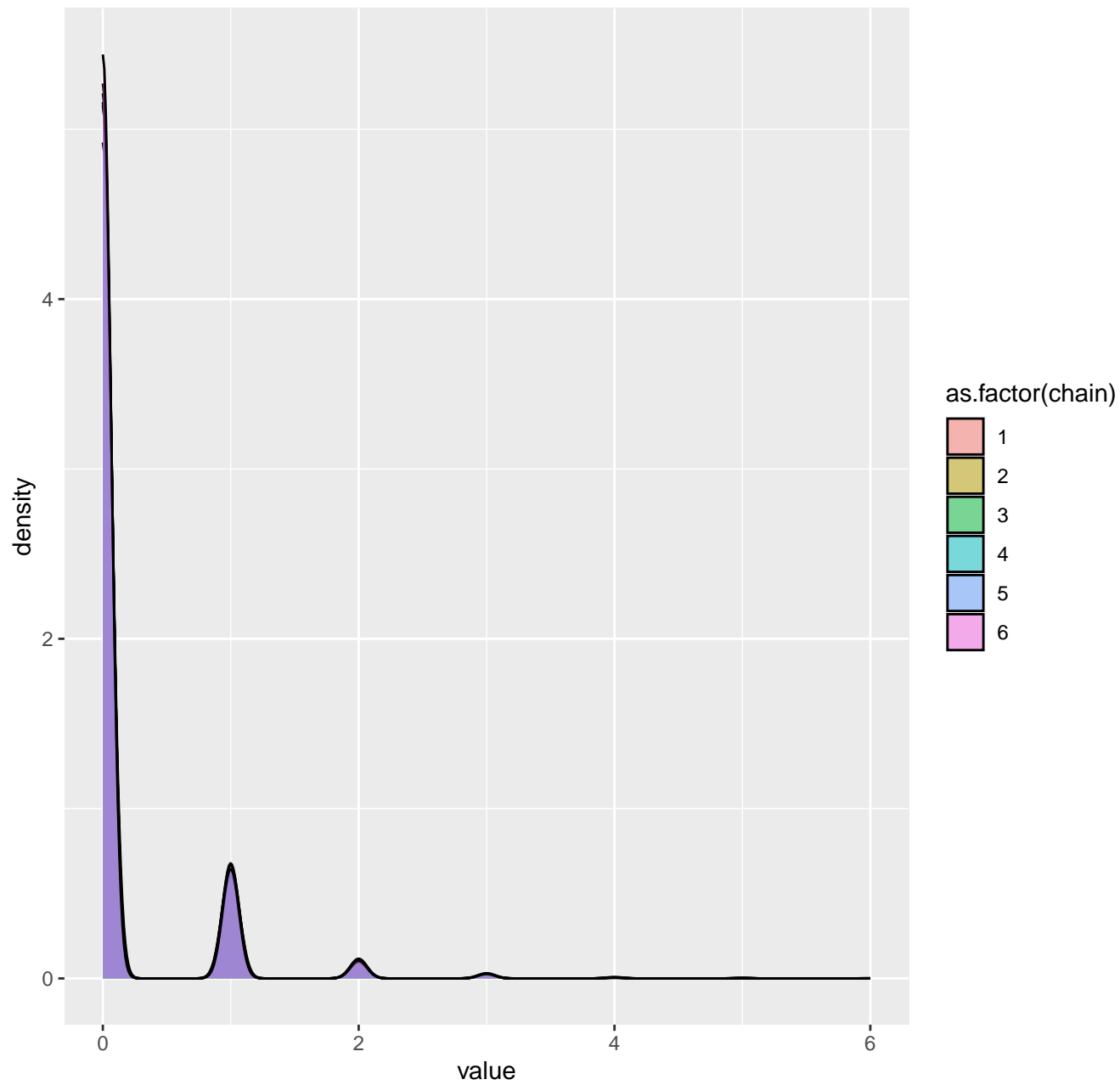
Density plot of X\_21 over the chains



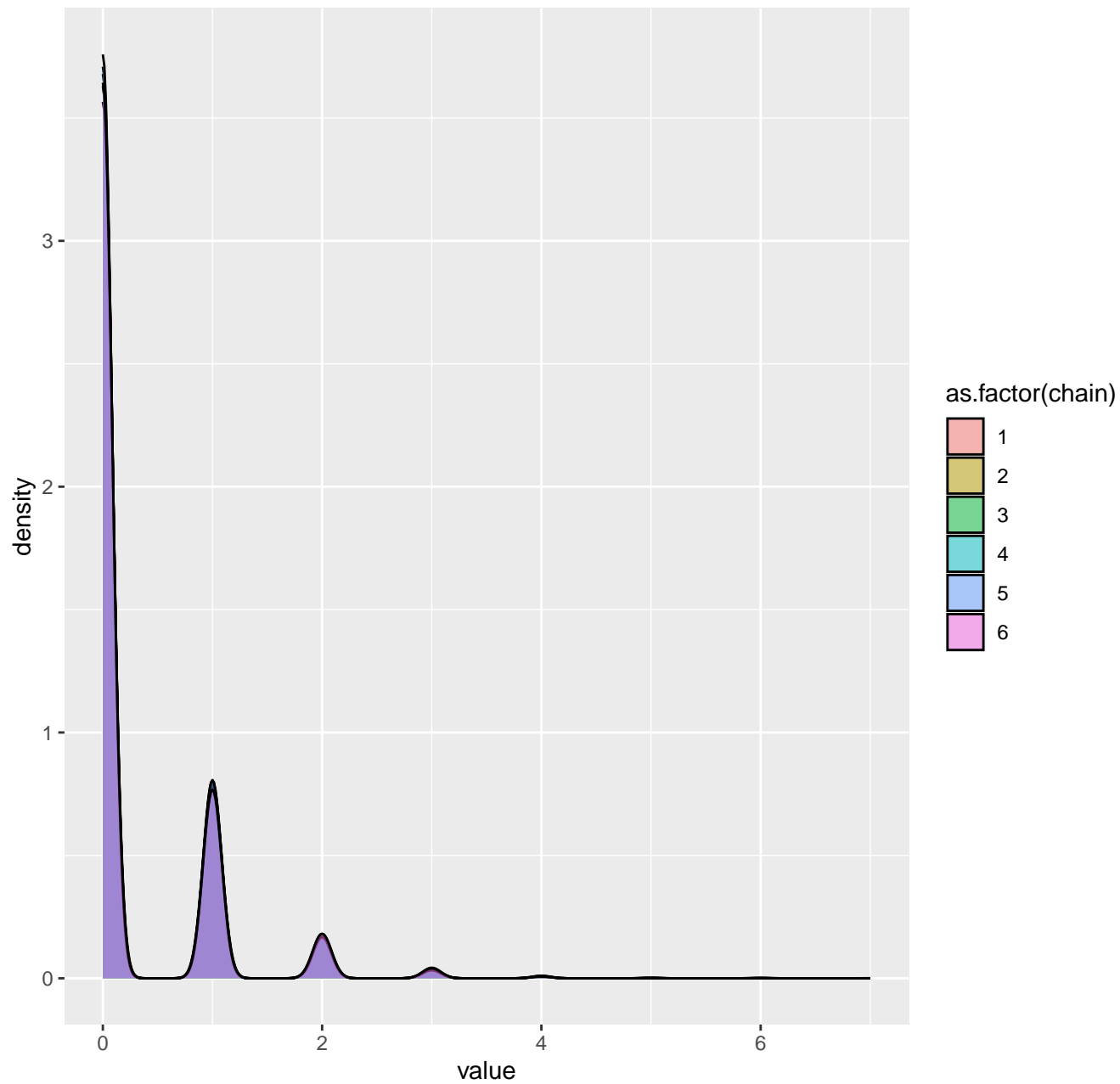
Density plot of X\_22 over the chains



Density plot of X\_23 over the chains

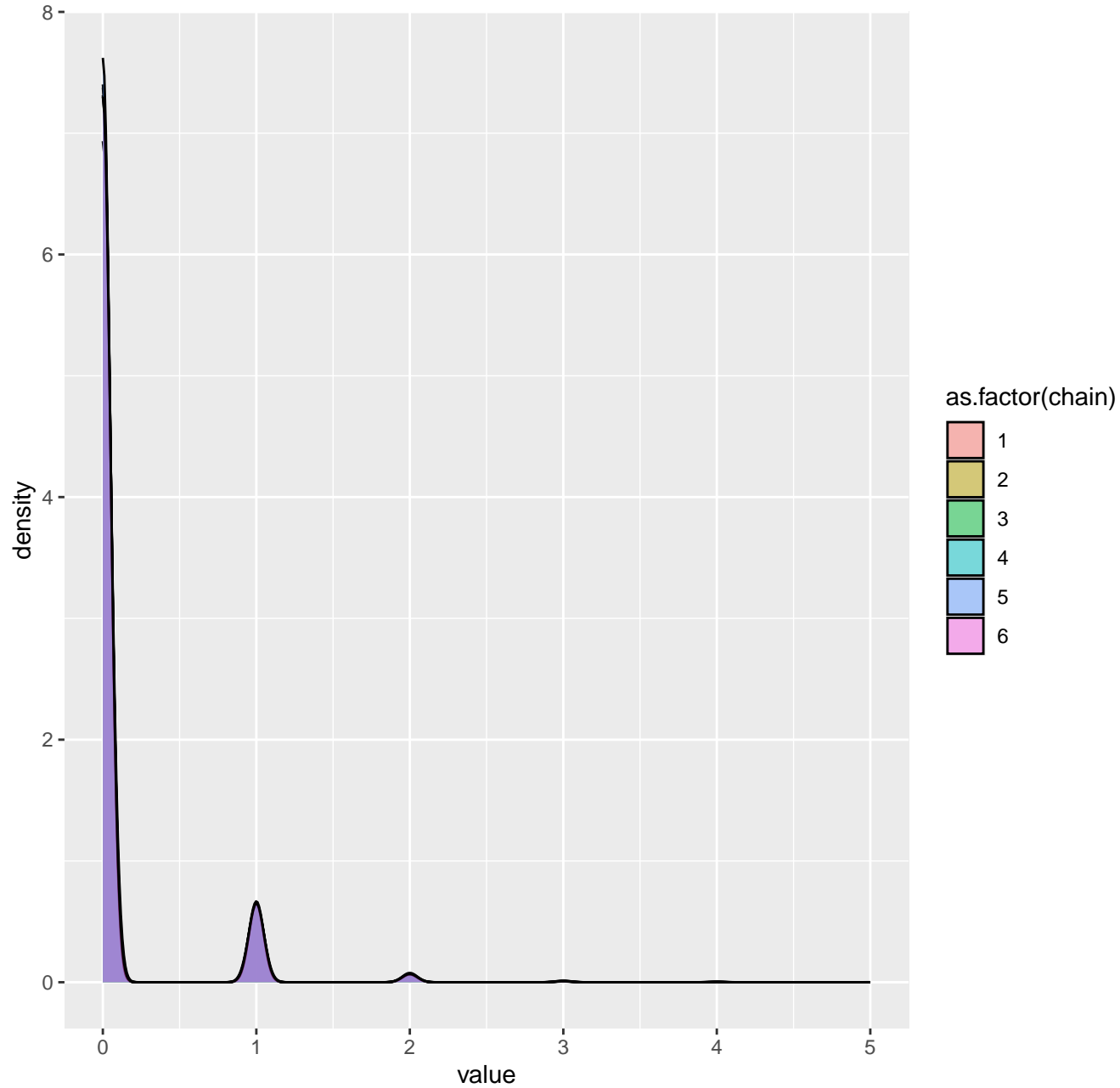


Density plot of X\_24 over the chains

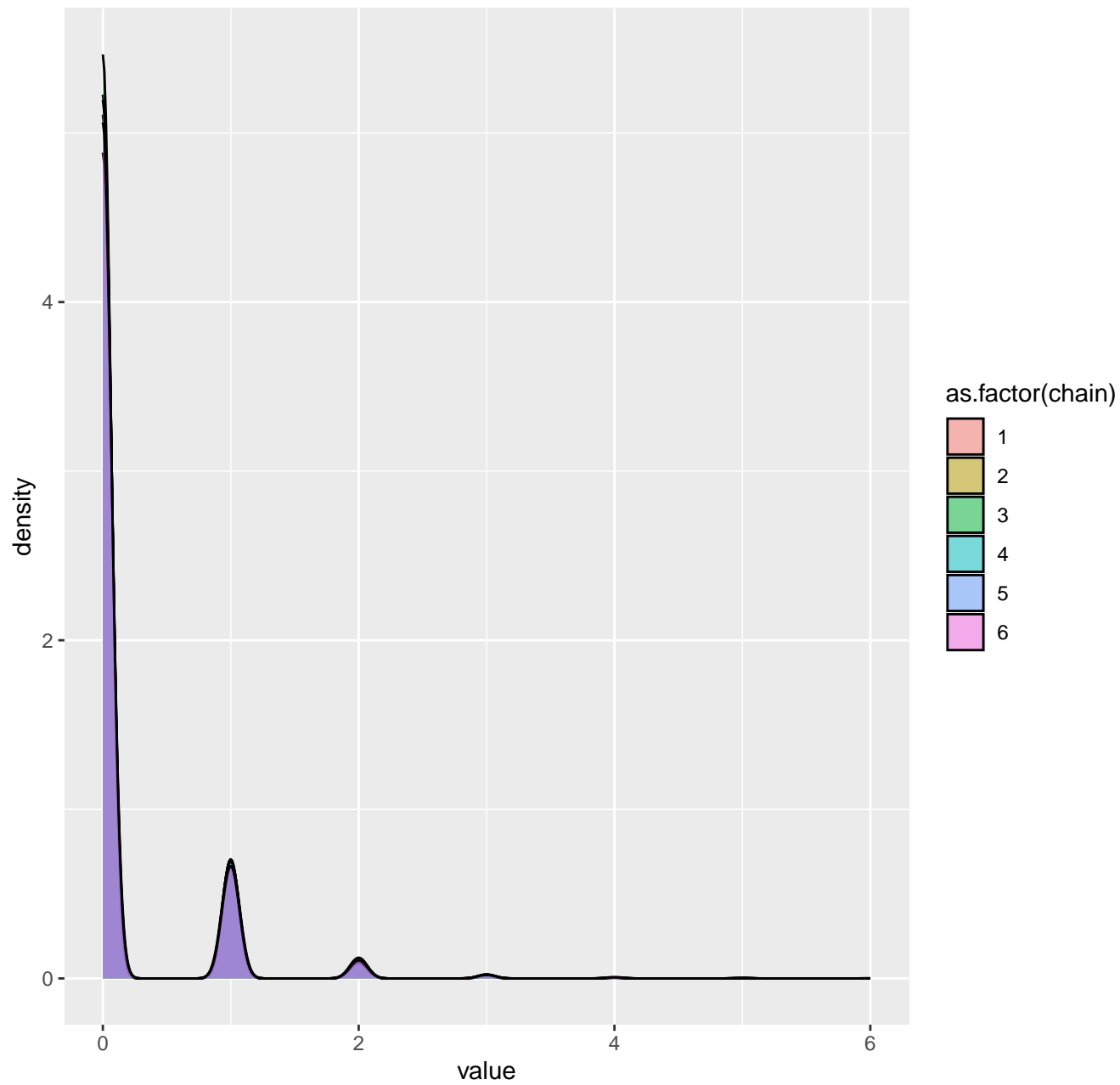




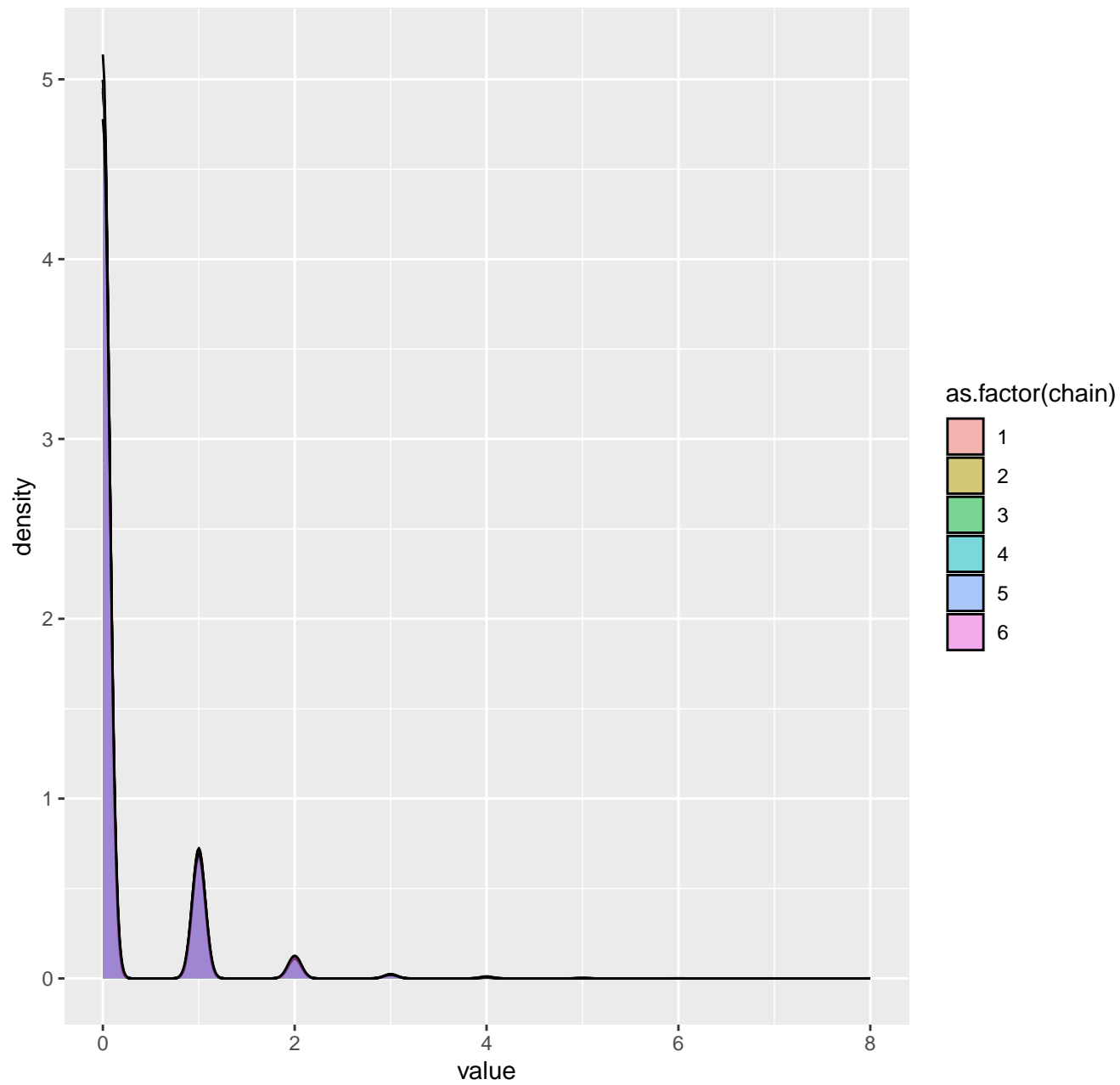
Density plot of X\_25 over the chains



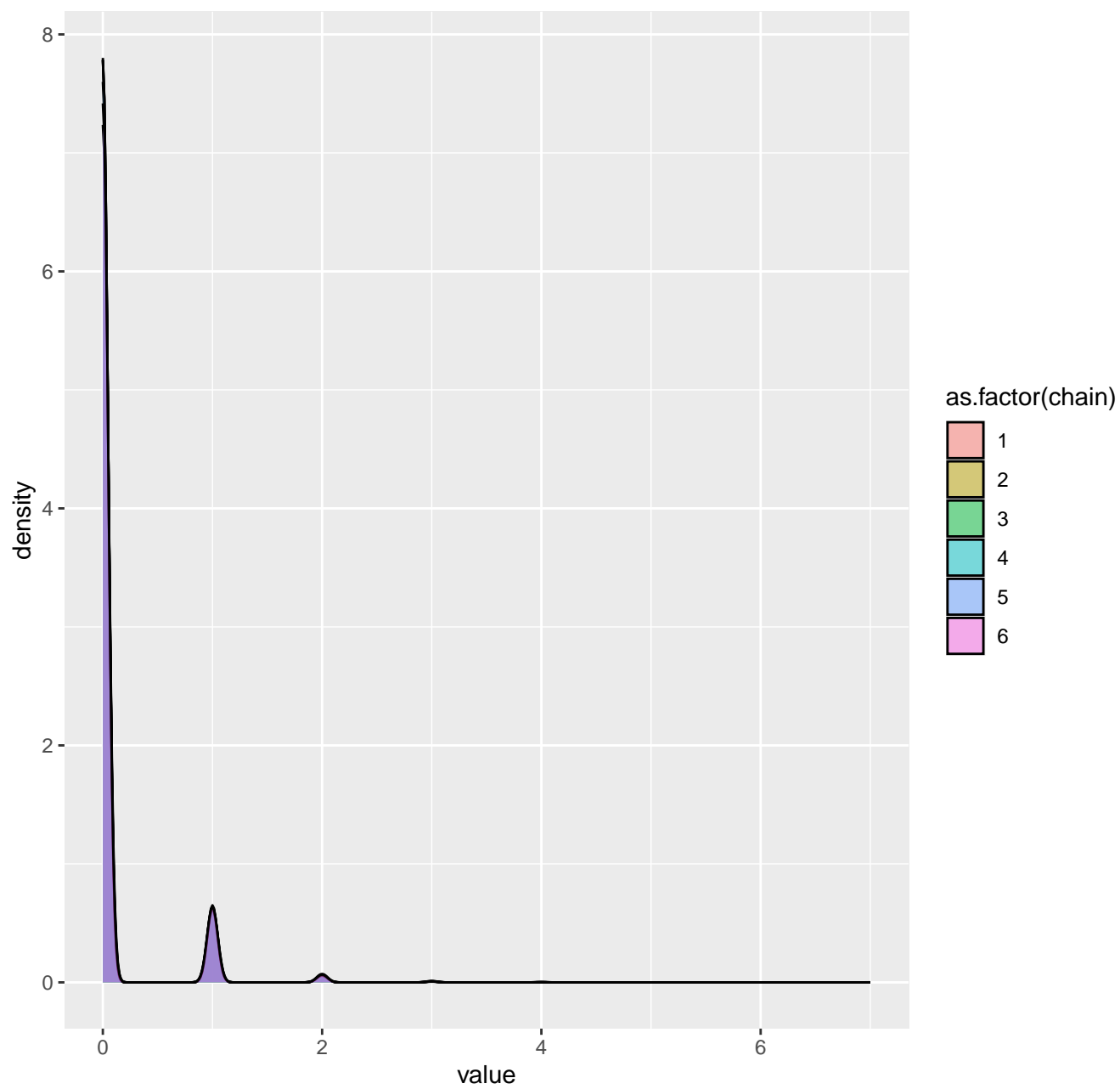
Density plot of X\_26 over the chains



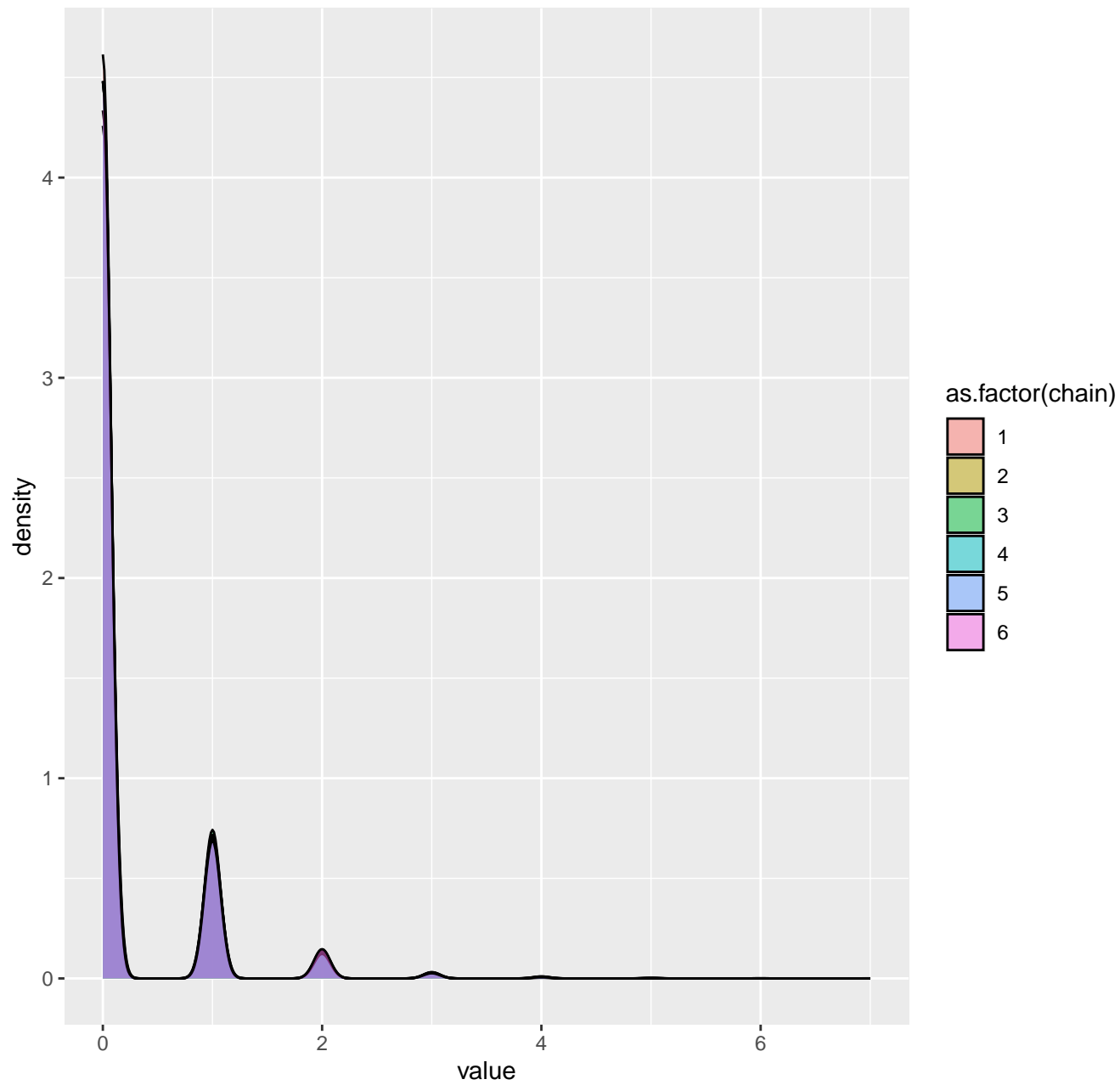
Density plot of X\_27 over the chains



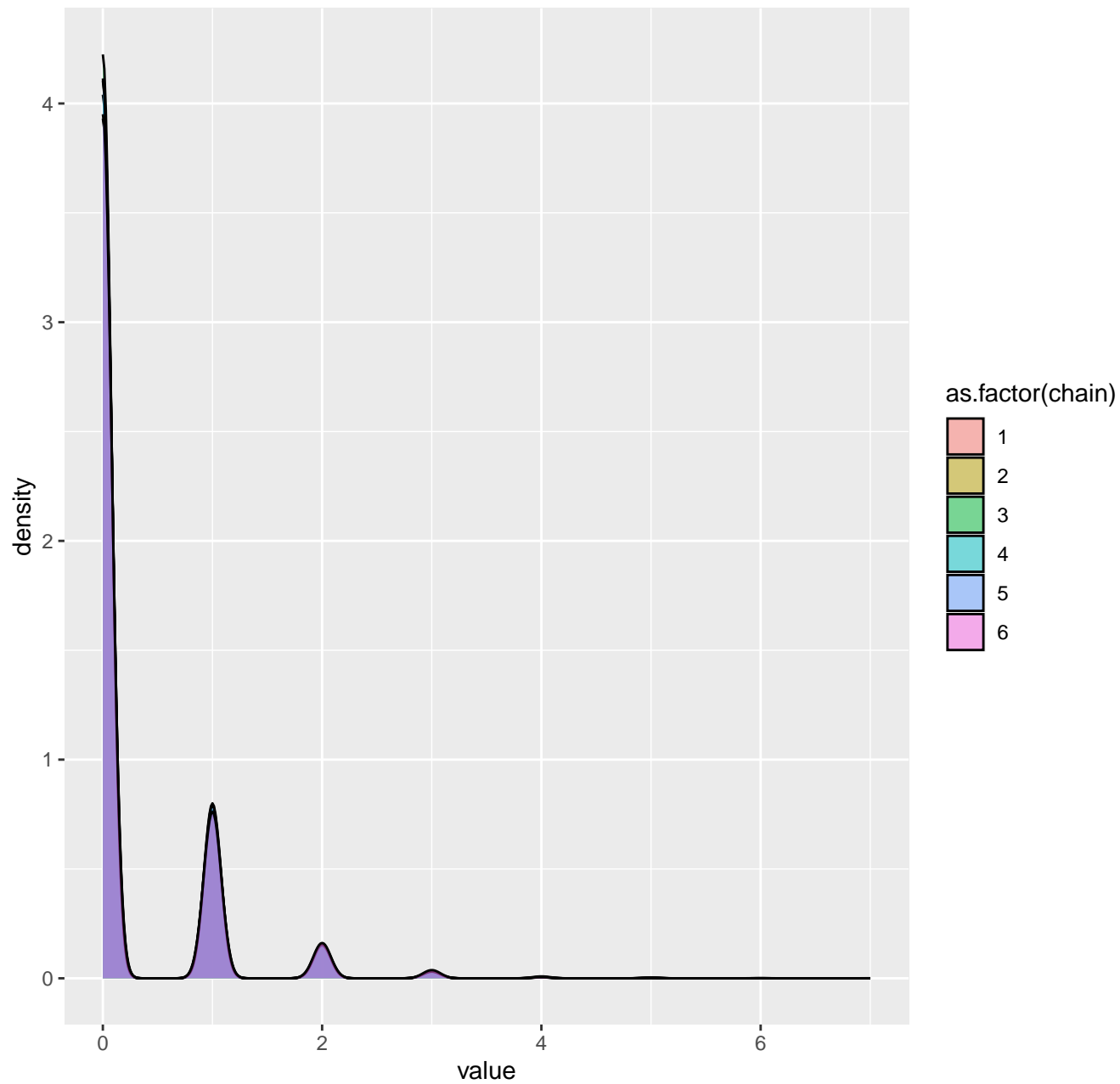
Density plot of X\_28 over the chains



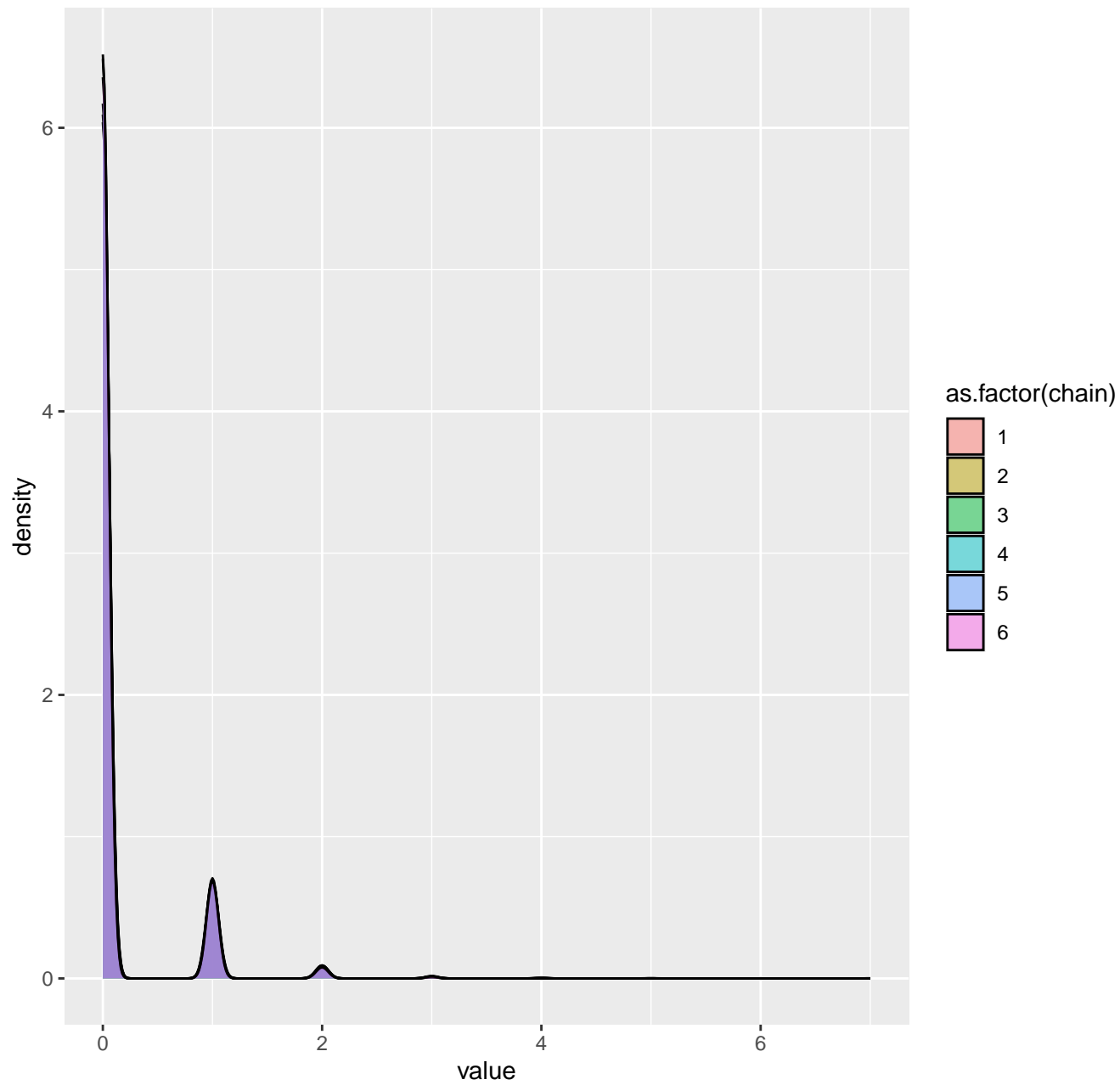
Density plot of X\_29 over the chains



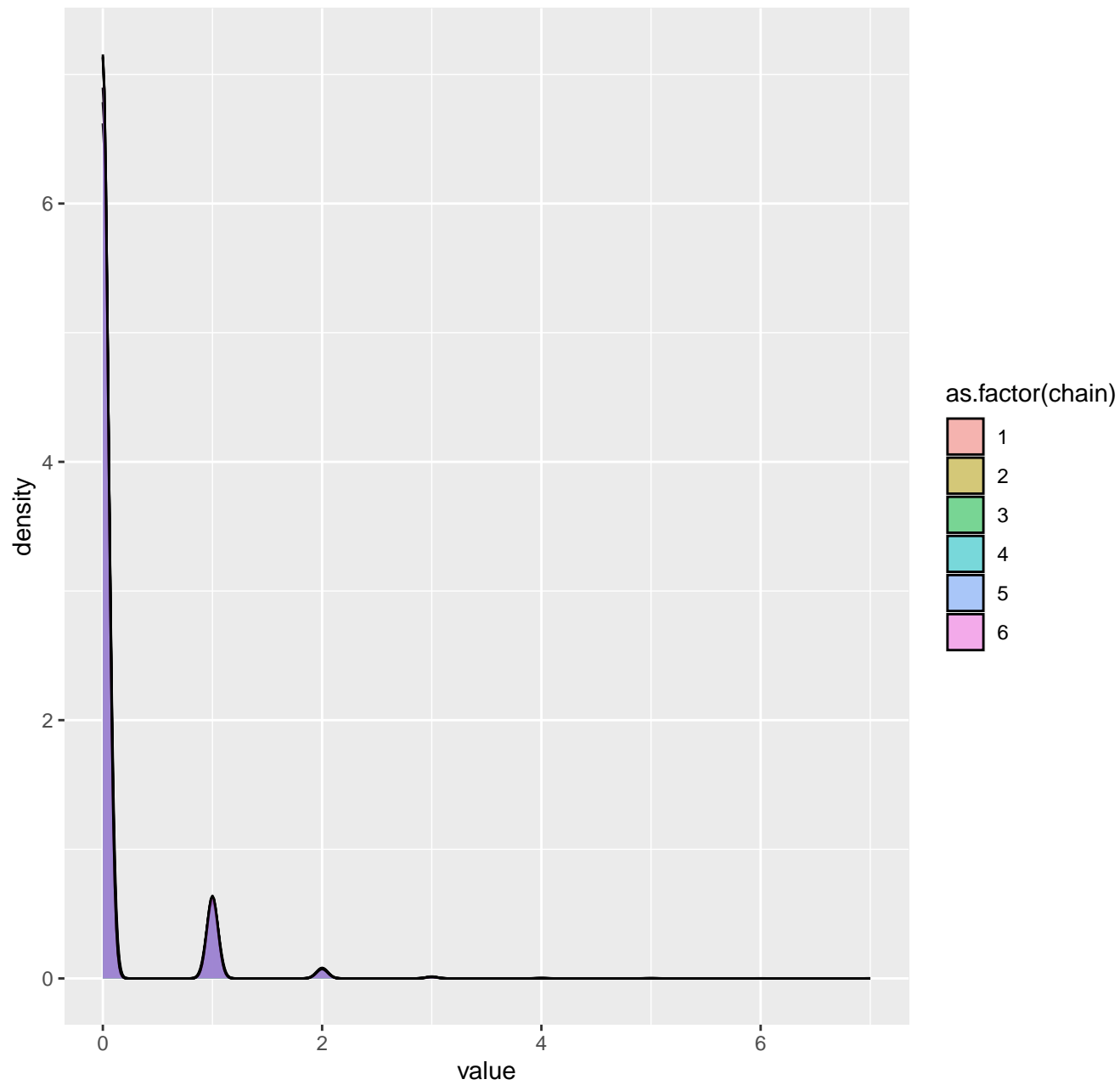
Density plot of X\_30 over the chains



Density plot of X\_31 over the chains

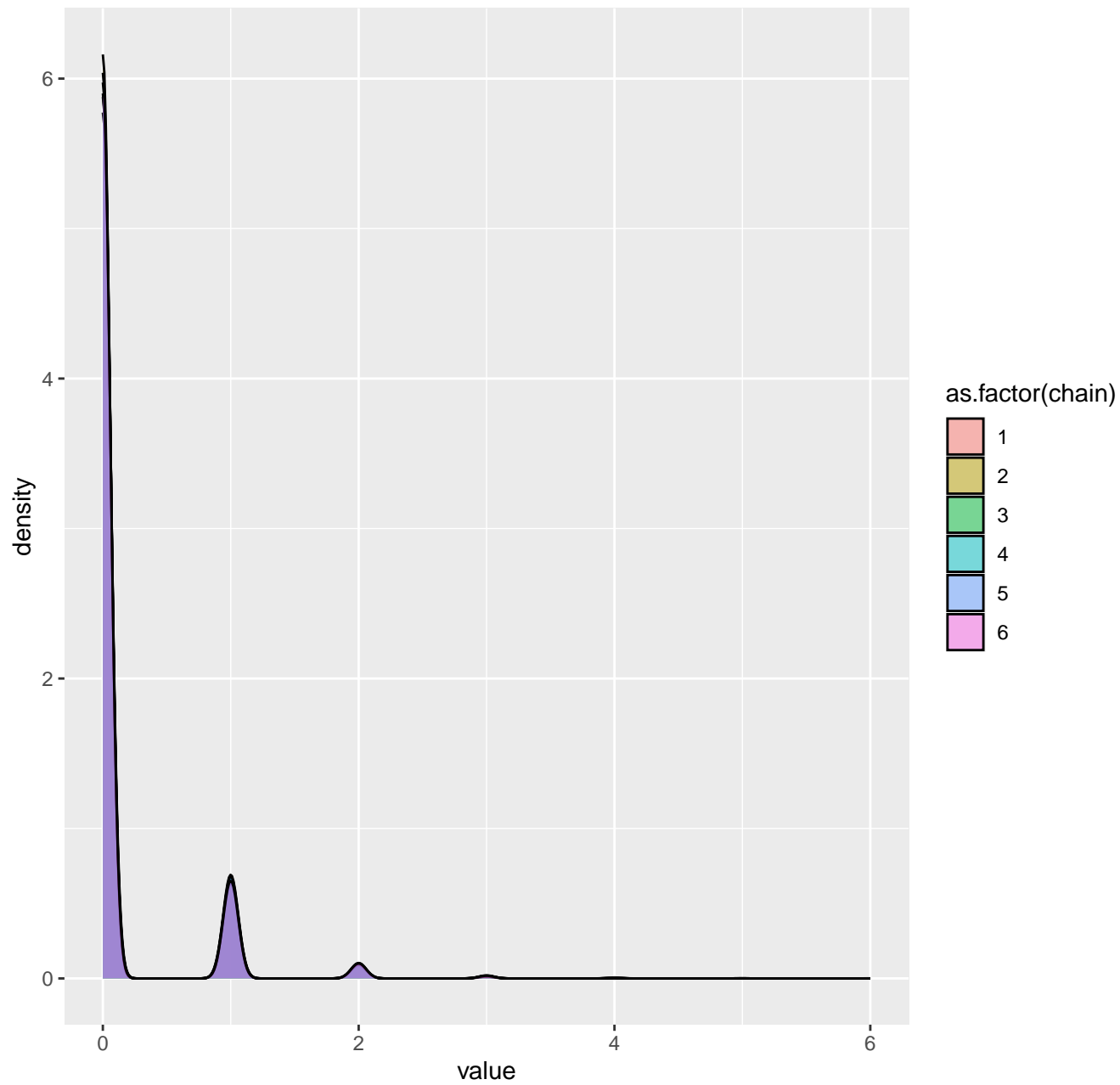


Density plot of X\_32 over the chains

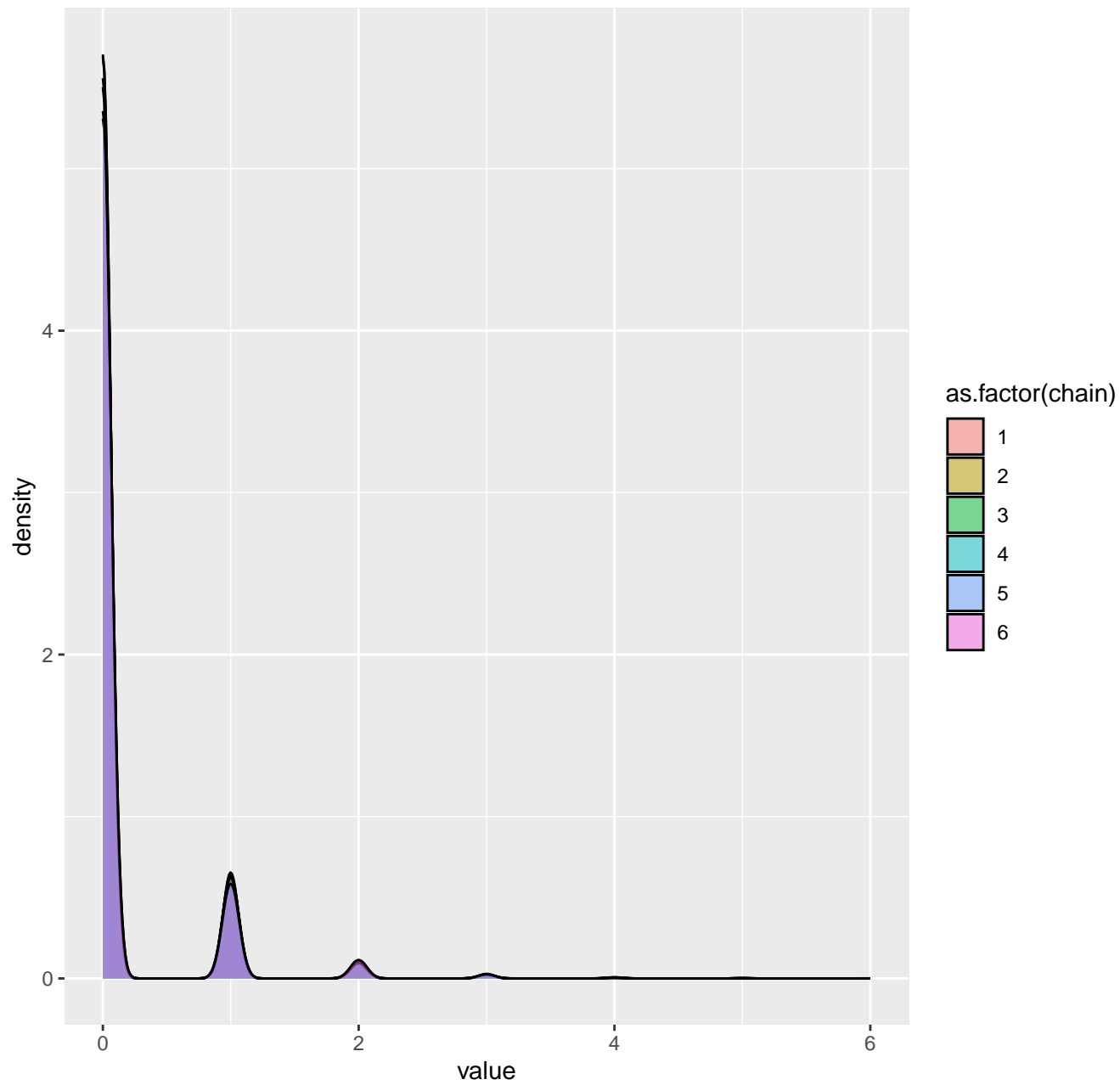




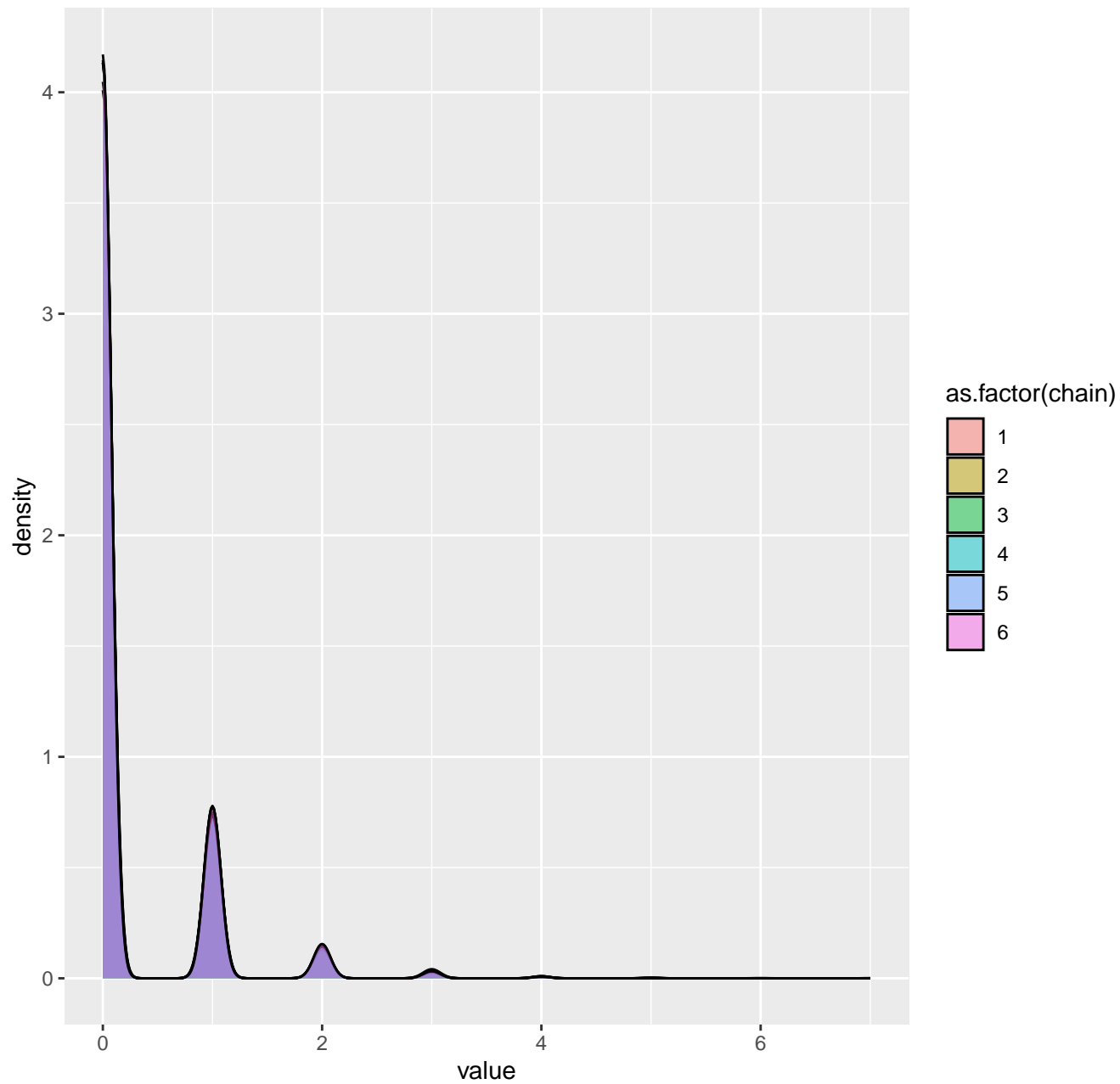
Density plot of X\_33 over the chains



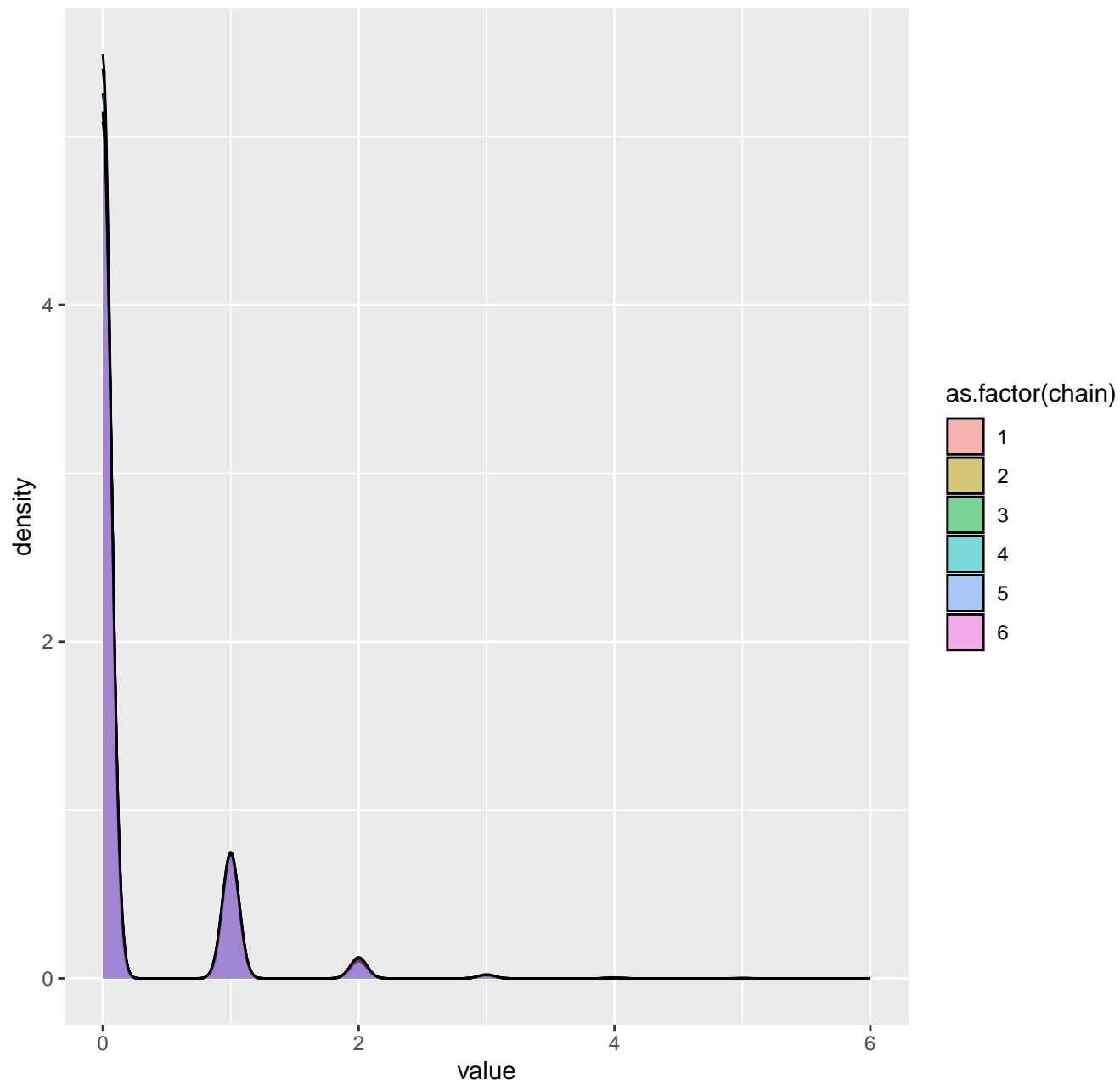
Density plot of X\_34 over the chains



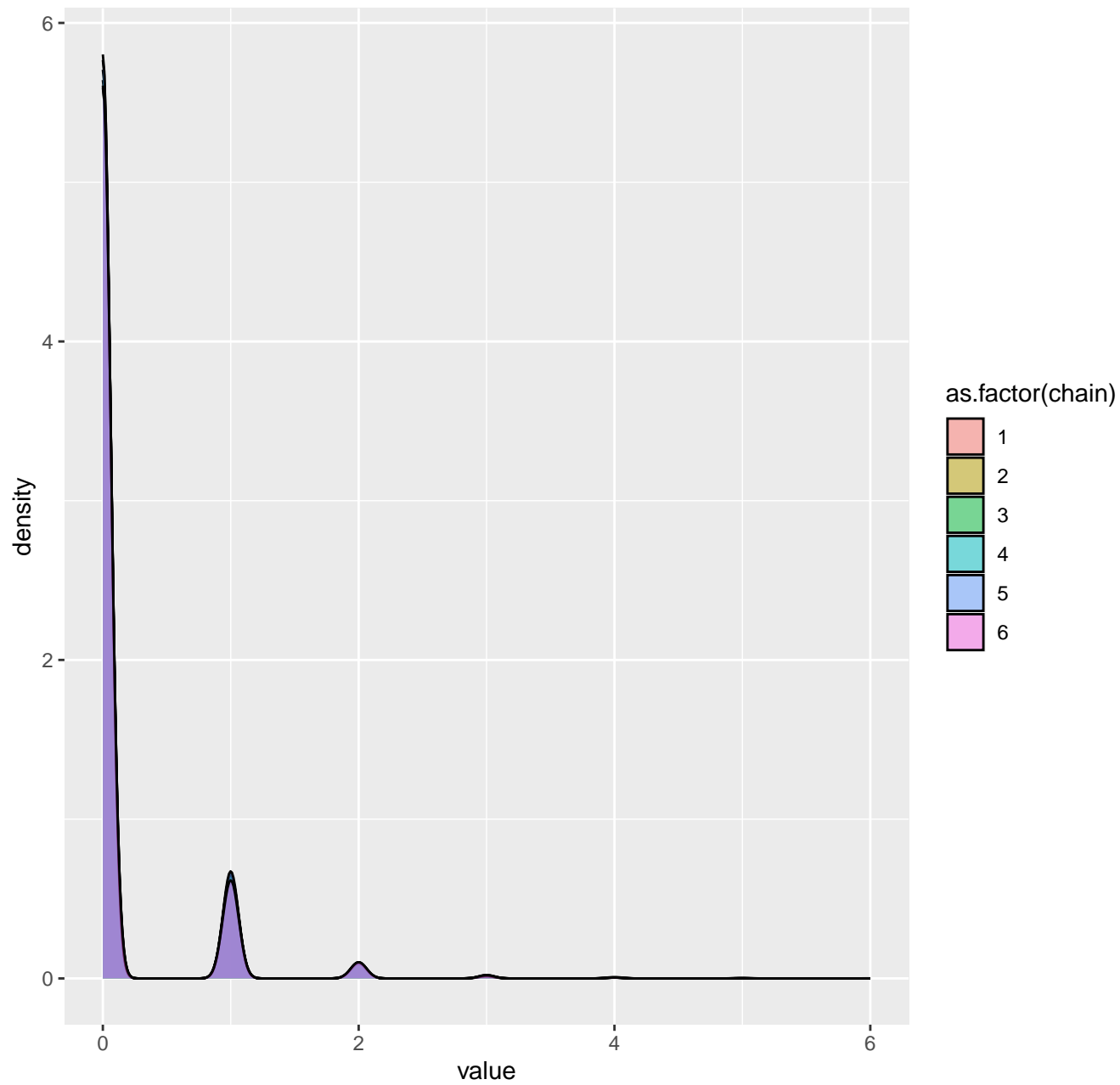
Density plot of X\_35 over the chains



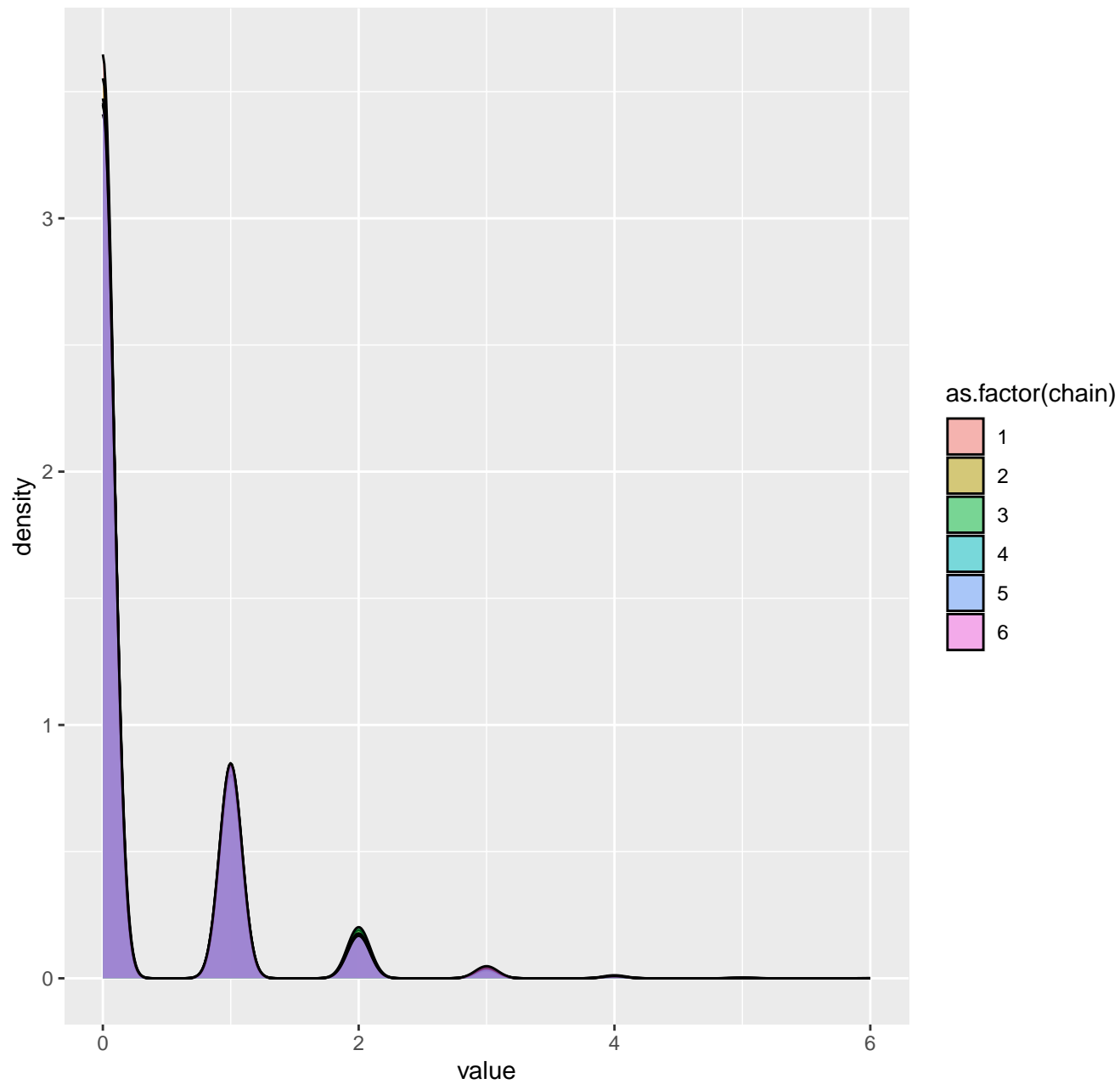
Density plot of X\_36 over the chains



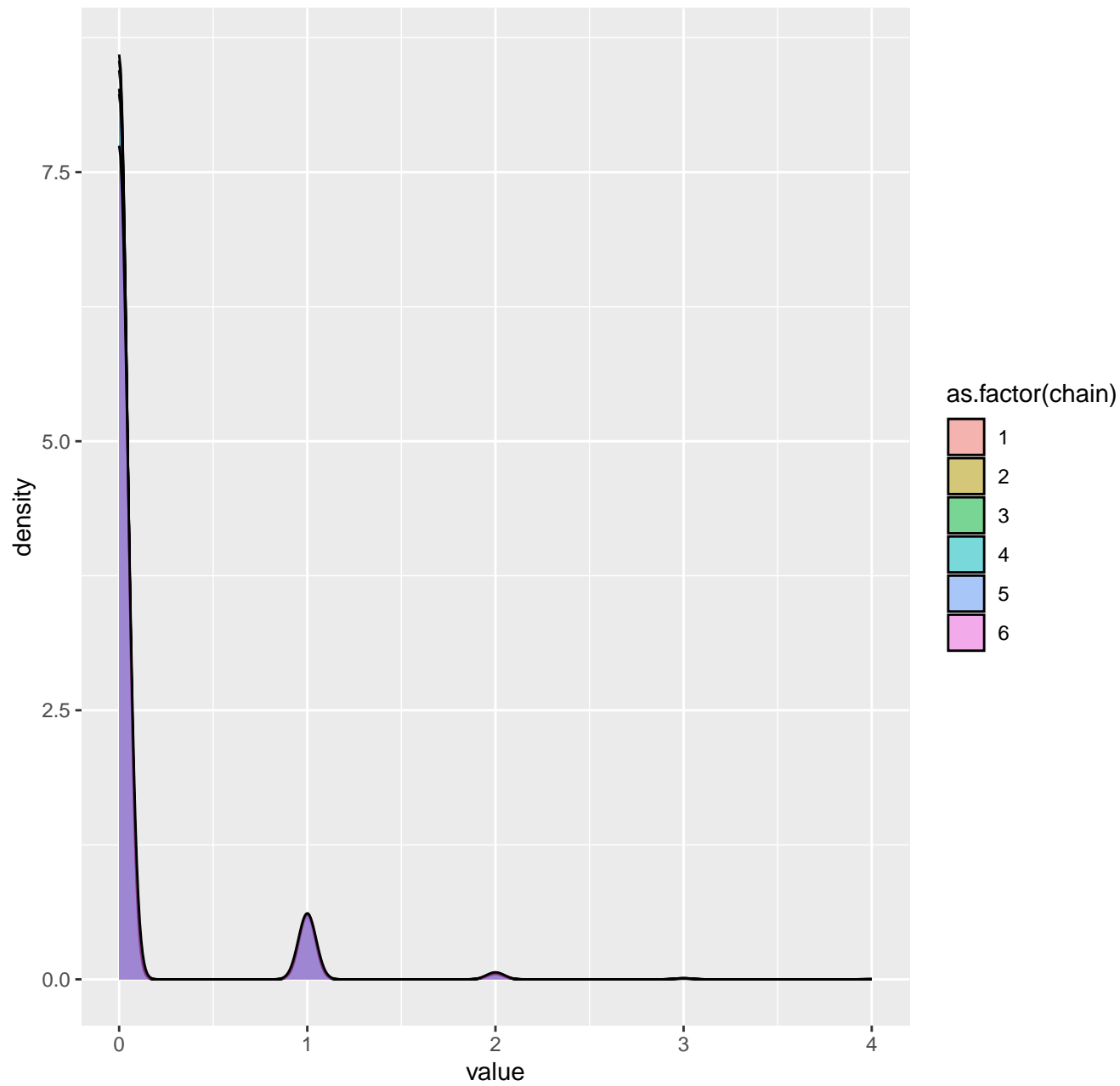
Density plot of X\_37 over the chains



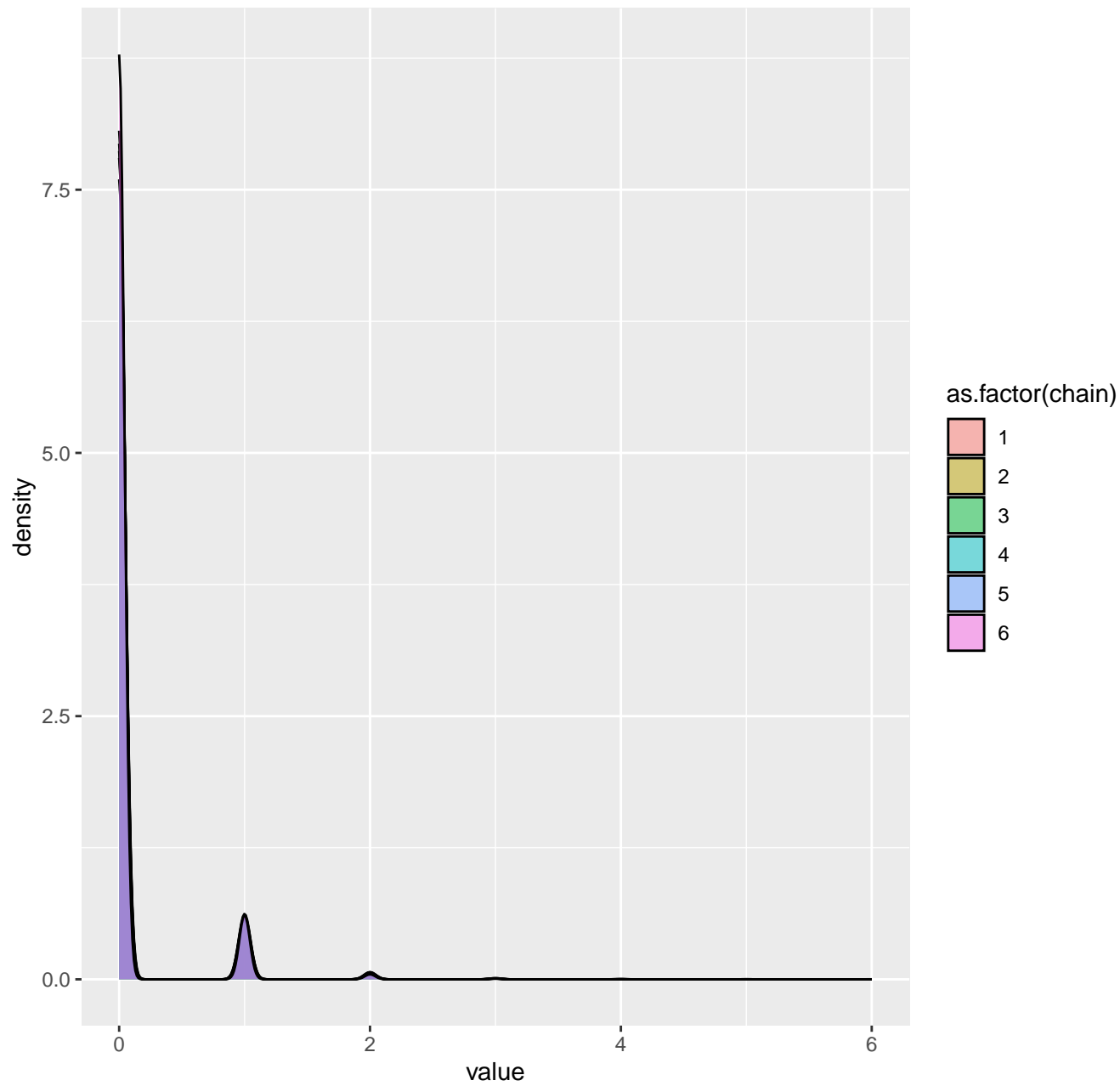
Density plot of X\_38 over the chains



Density plot of X\_39 over the chains

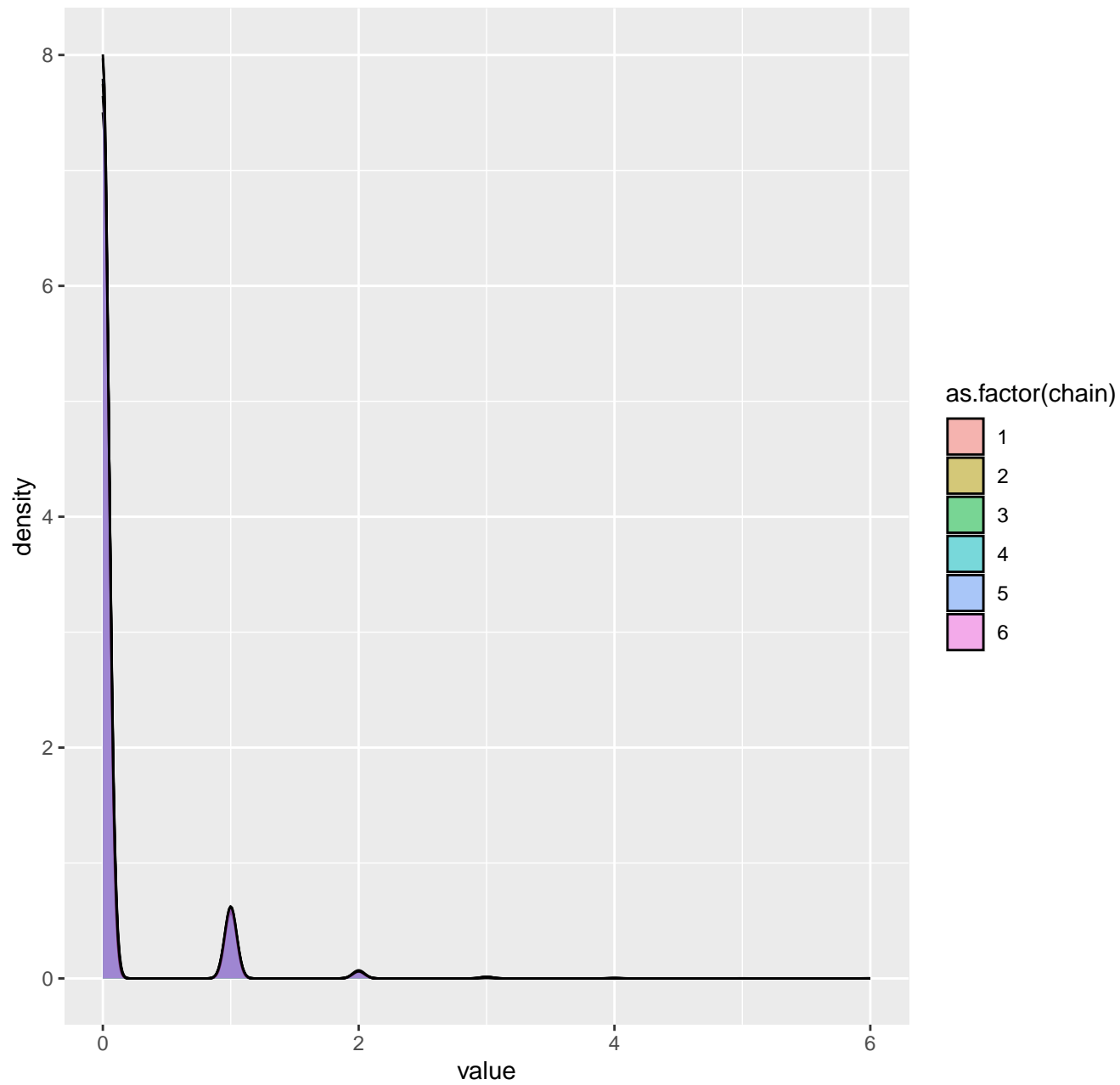


Density plot of X\_40 over the chains

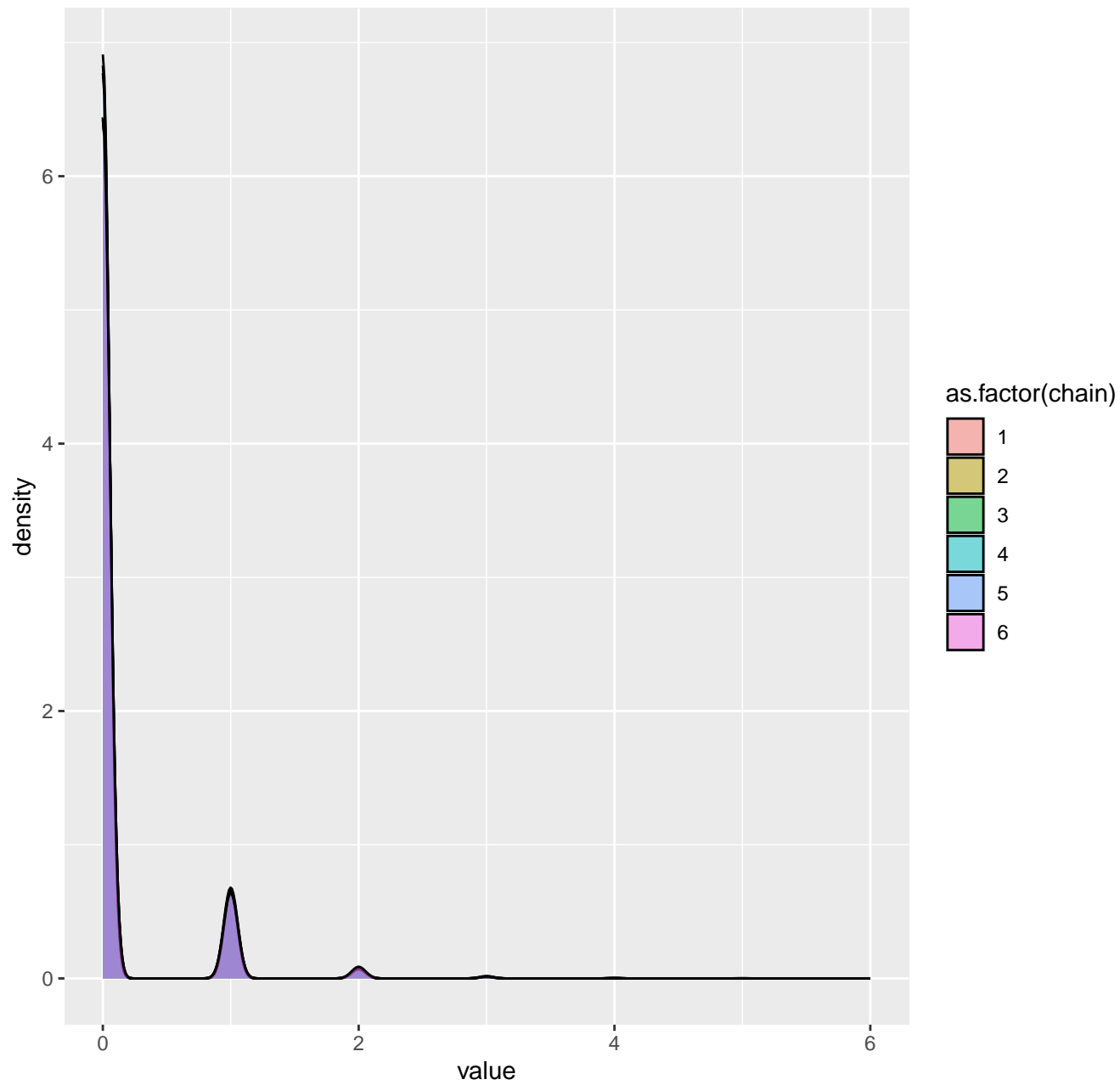




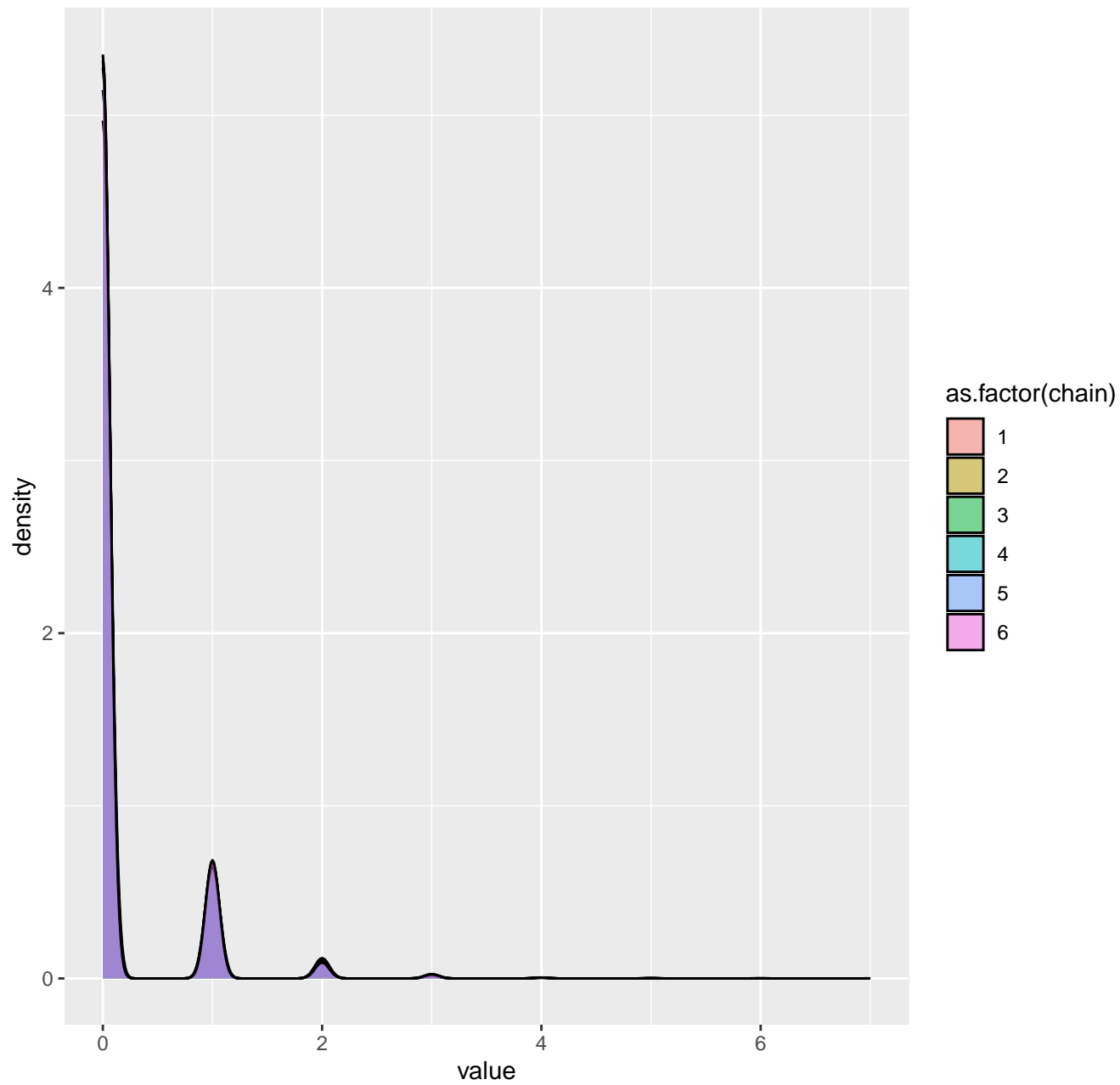
Density plot of X\_41 over the chains



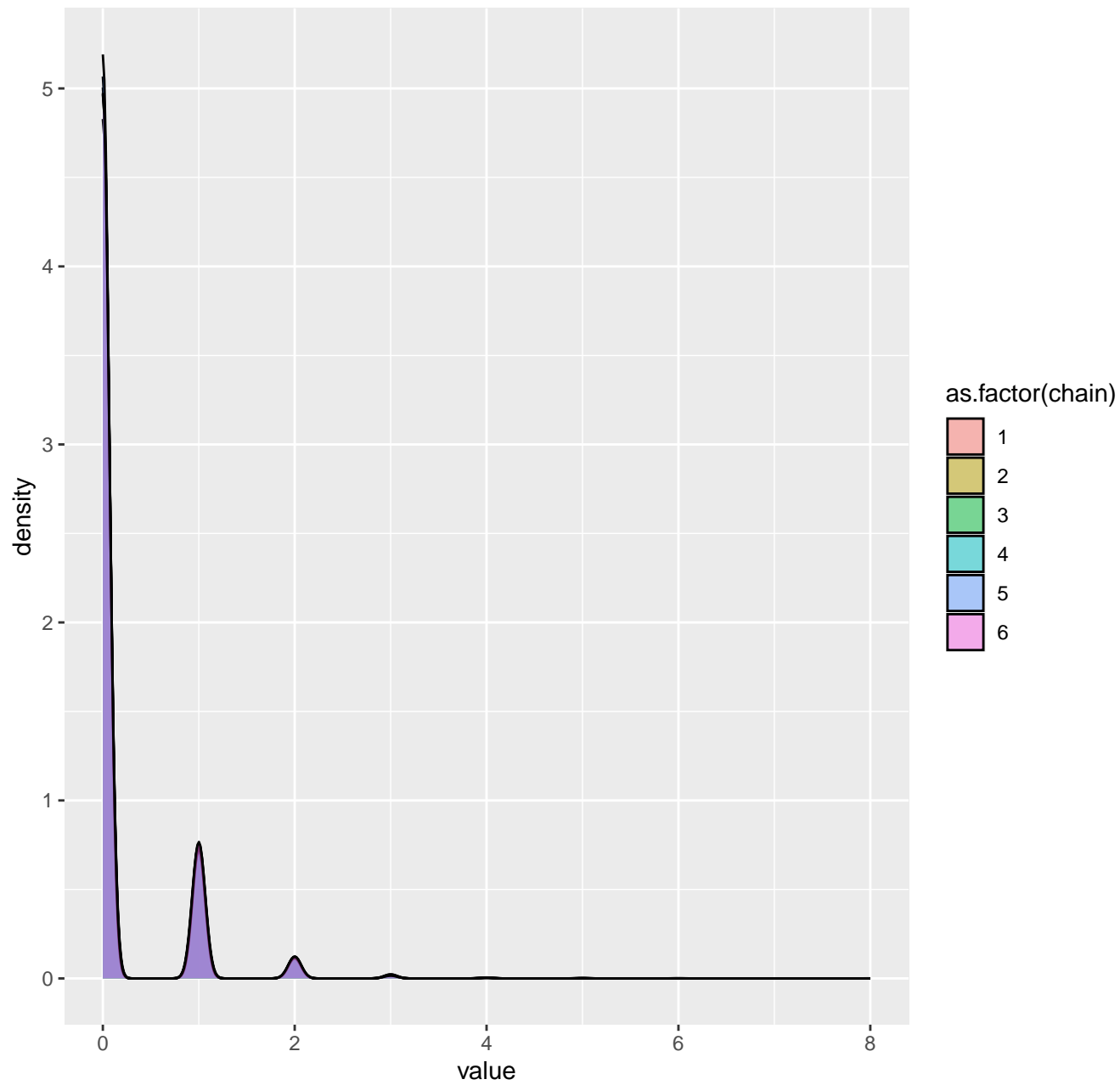
Density plot of X\_42 over the chains



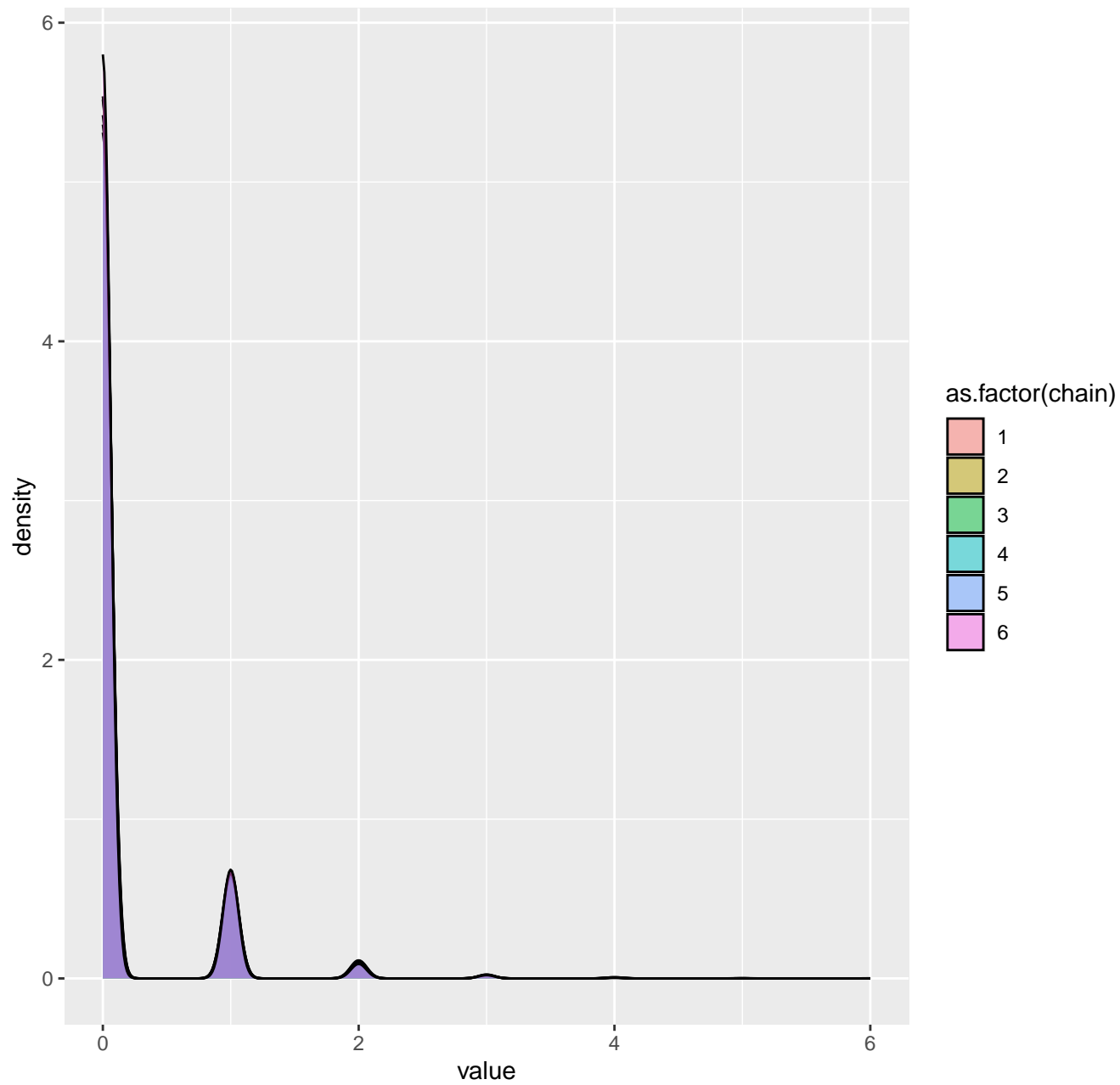
Density plot of X\_43 over the chains



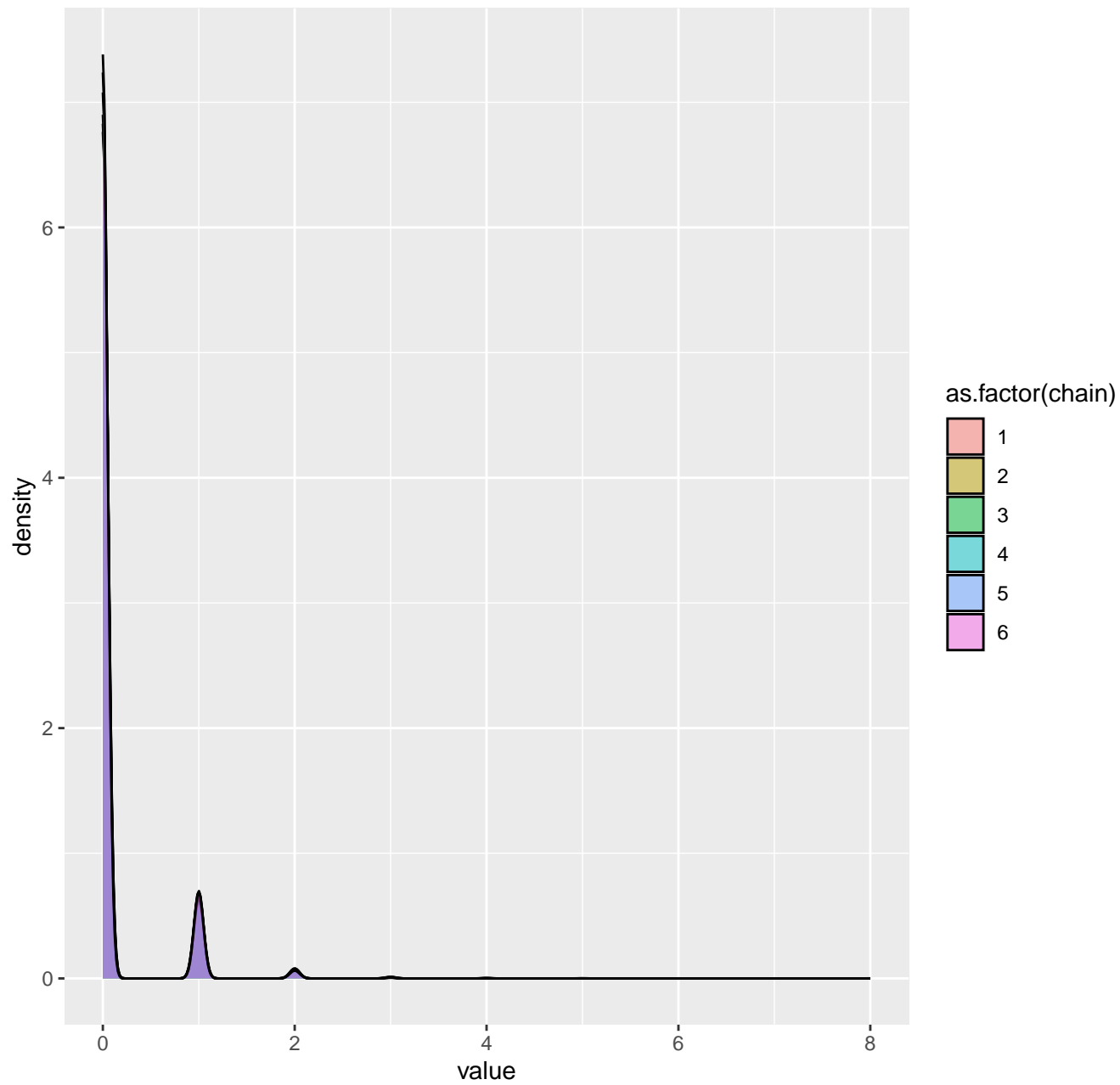
Density plot of X\_44 over the chains



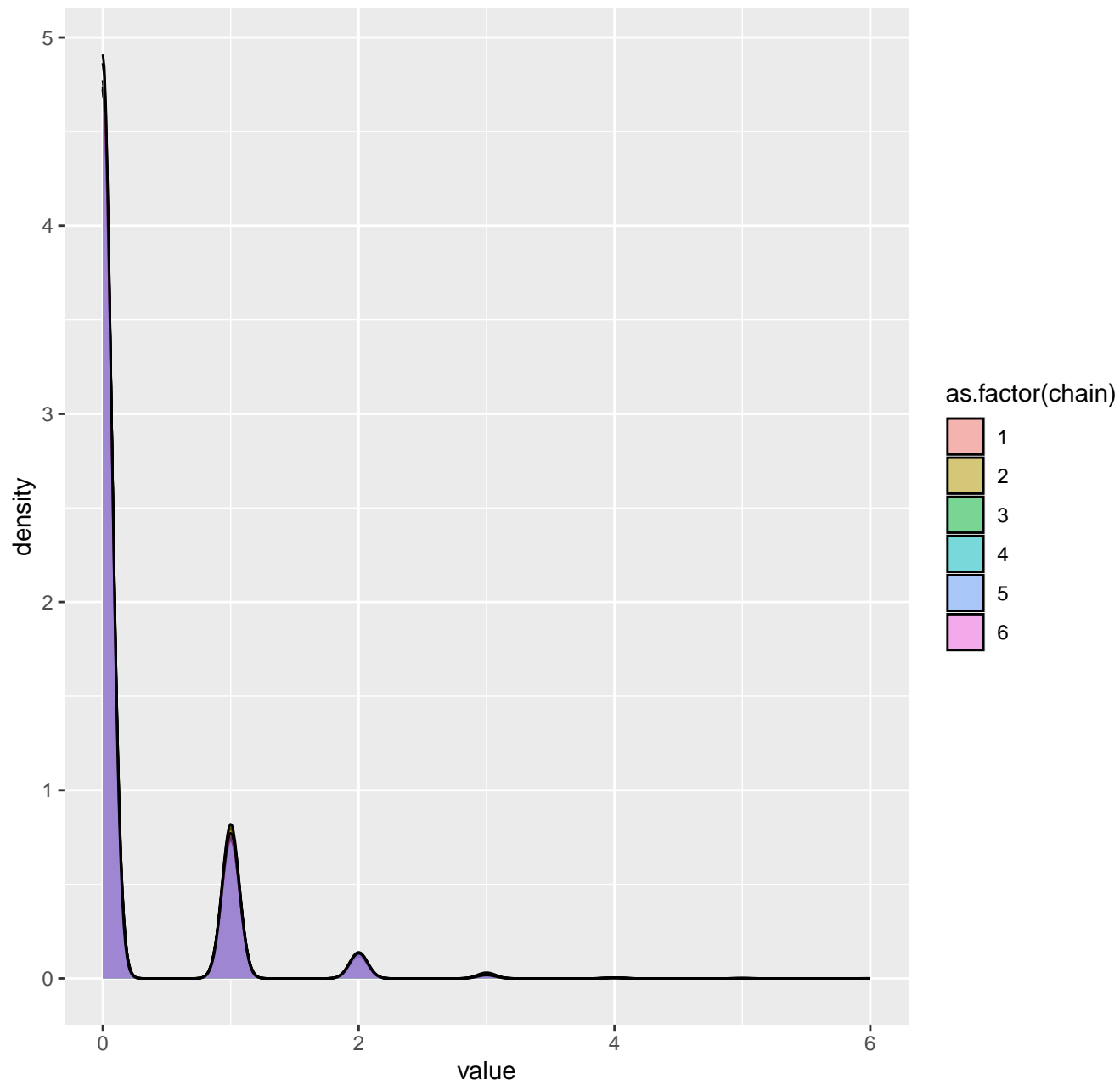
Density plot of X\_45 over the chains



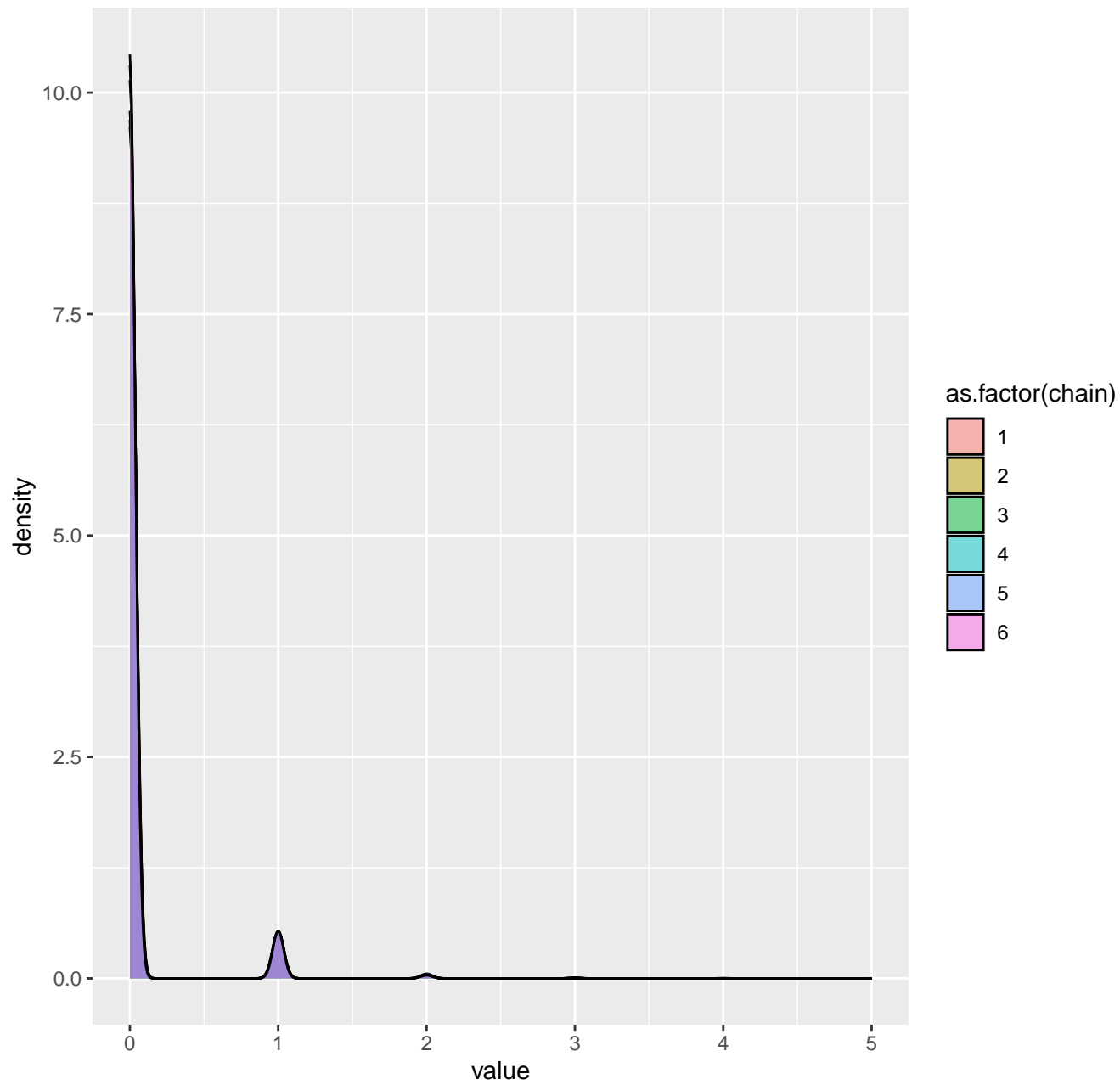
Density plot of X\_46 over the chains



Density plot of X\_47 over the chains

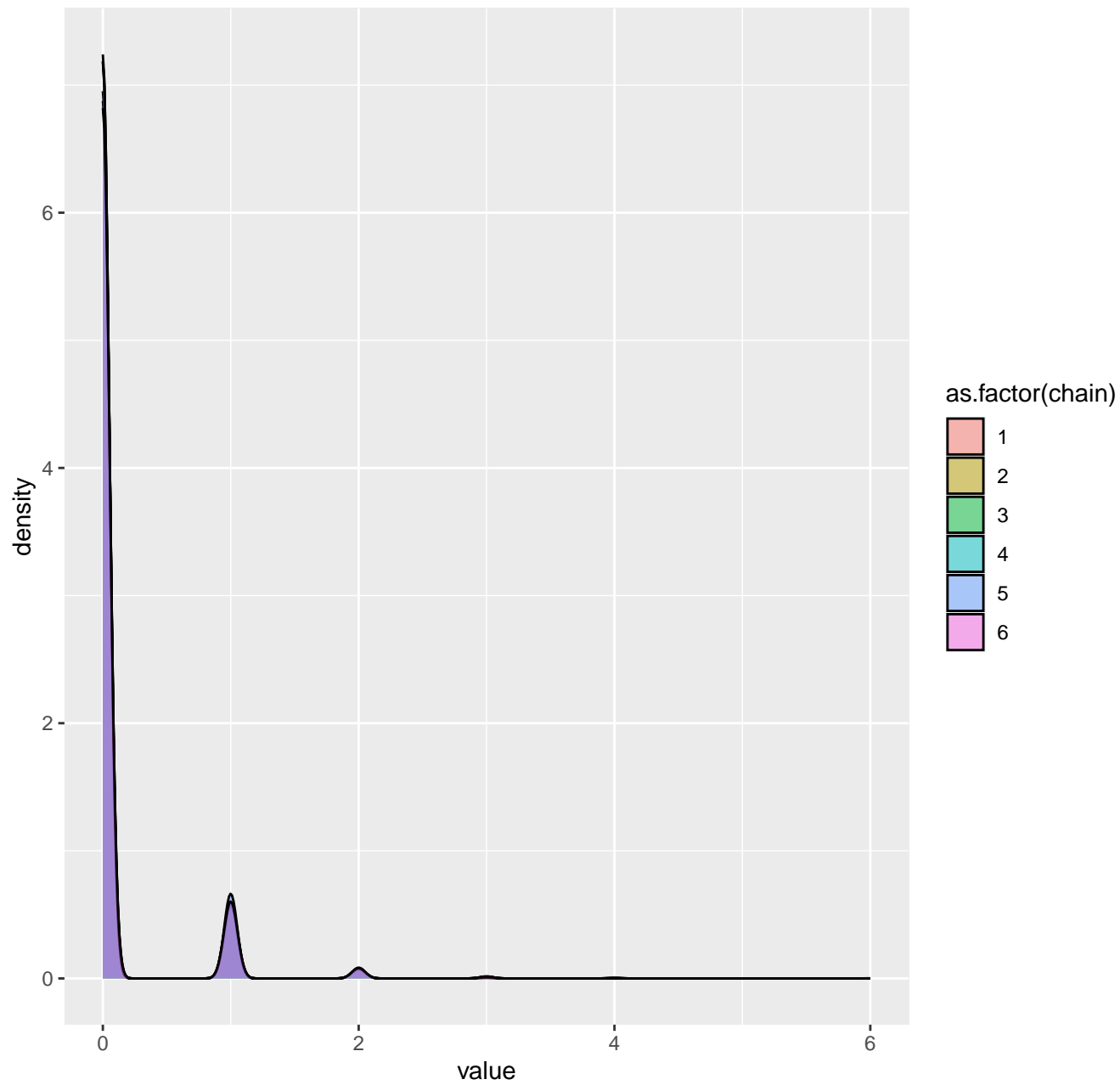


Density plot of X\_48 over the chains

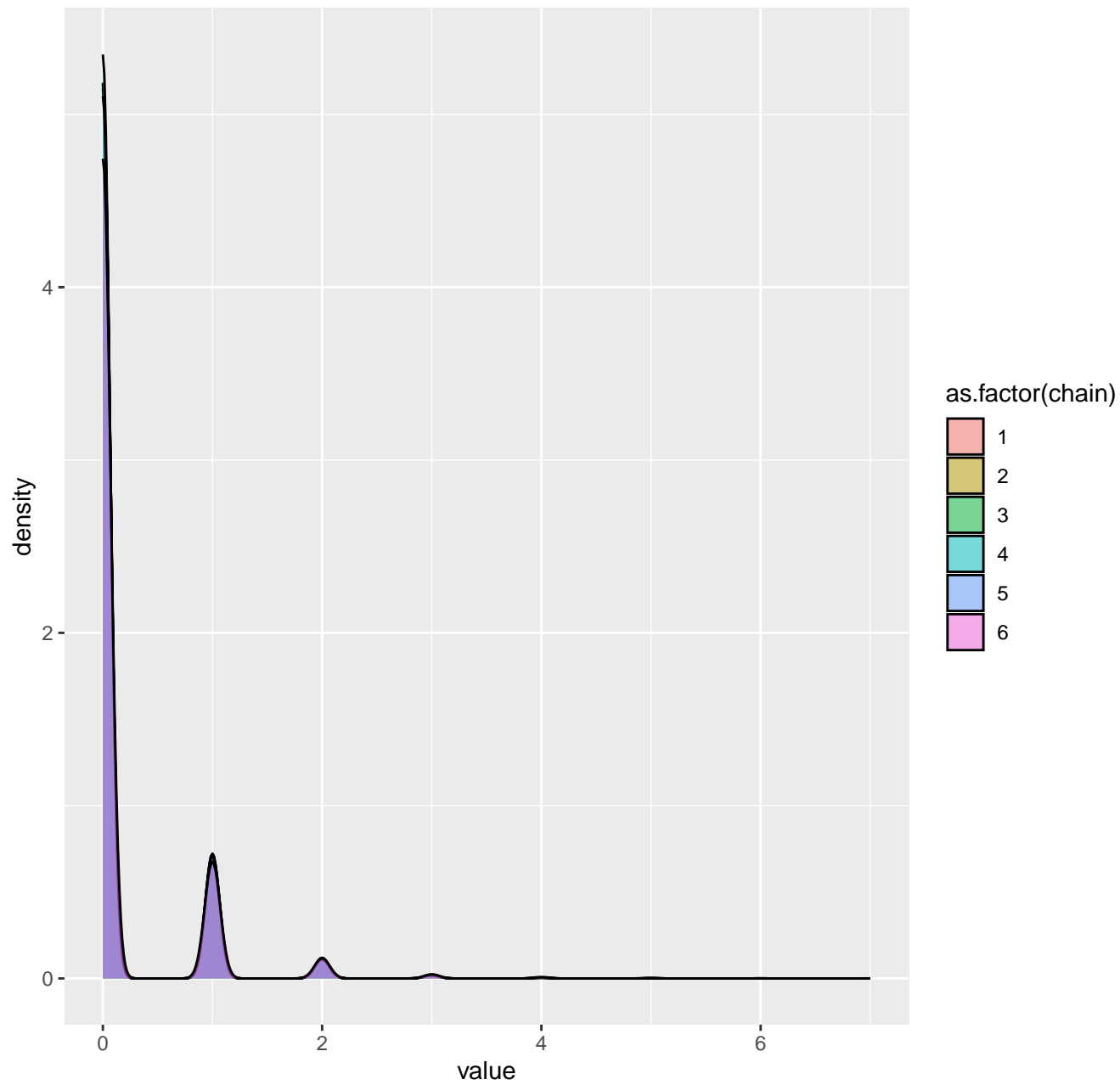




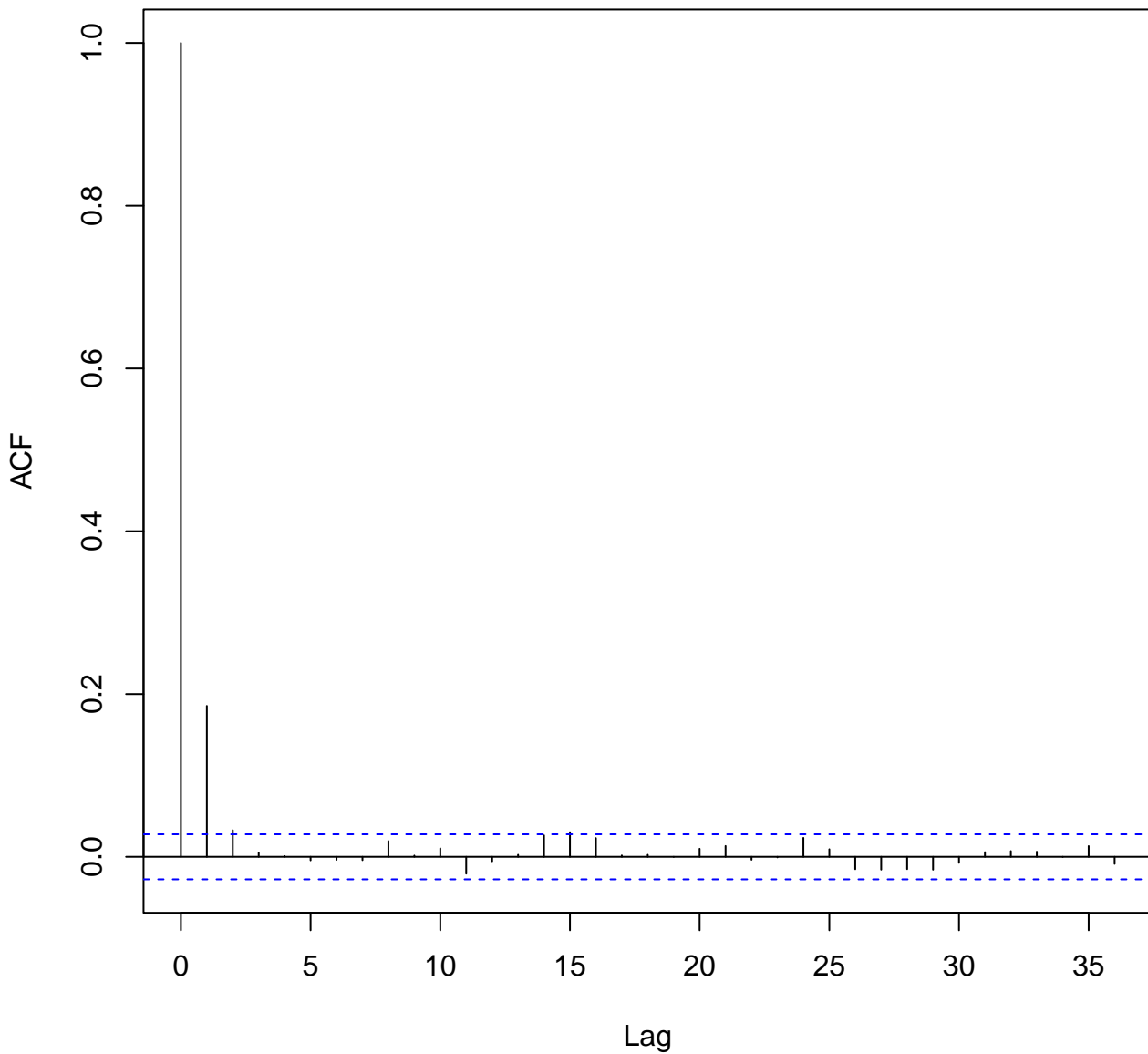
Density plot of X\_49 over the chains



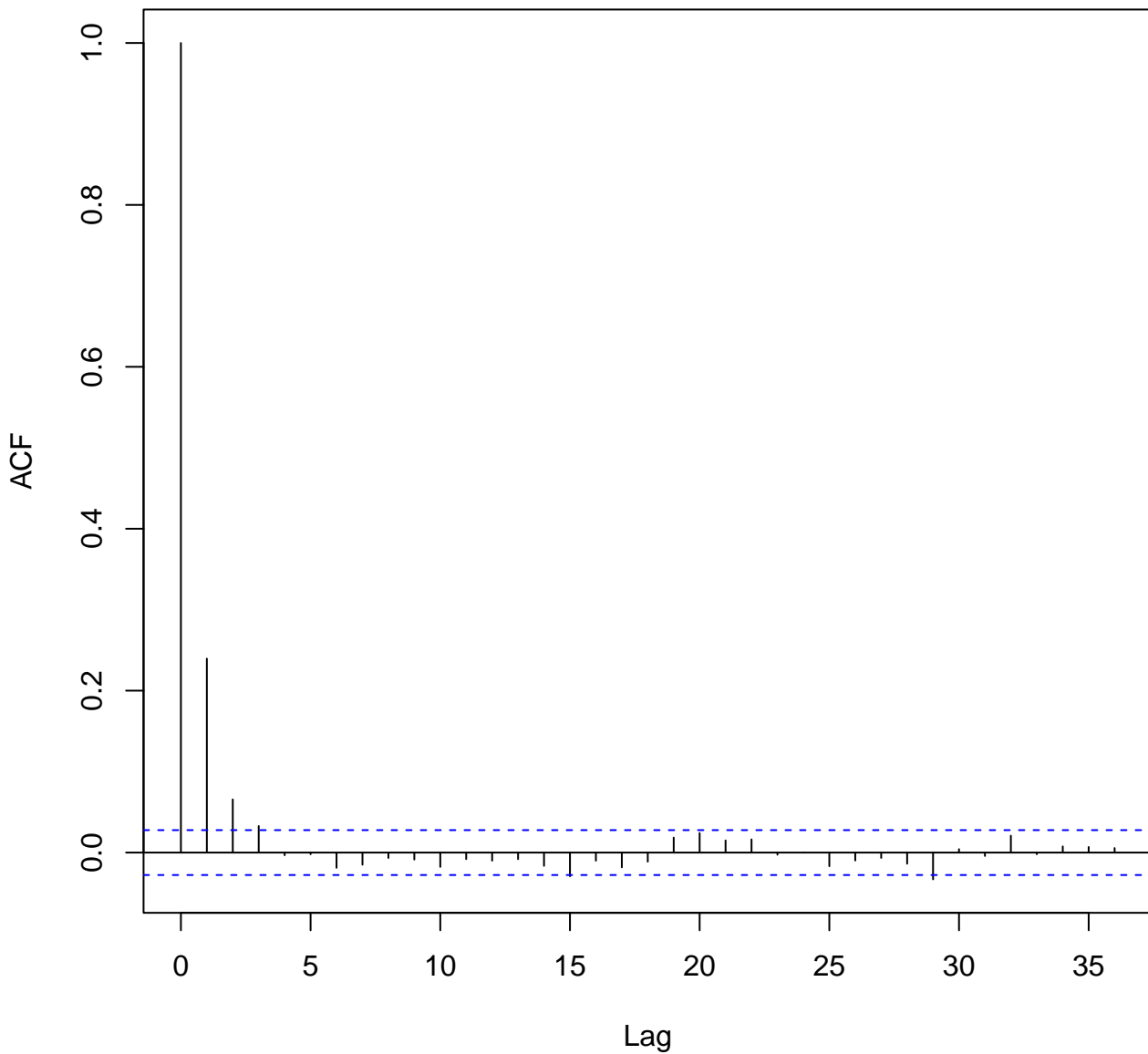
Density plot of X\_50 over the chains



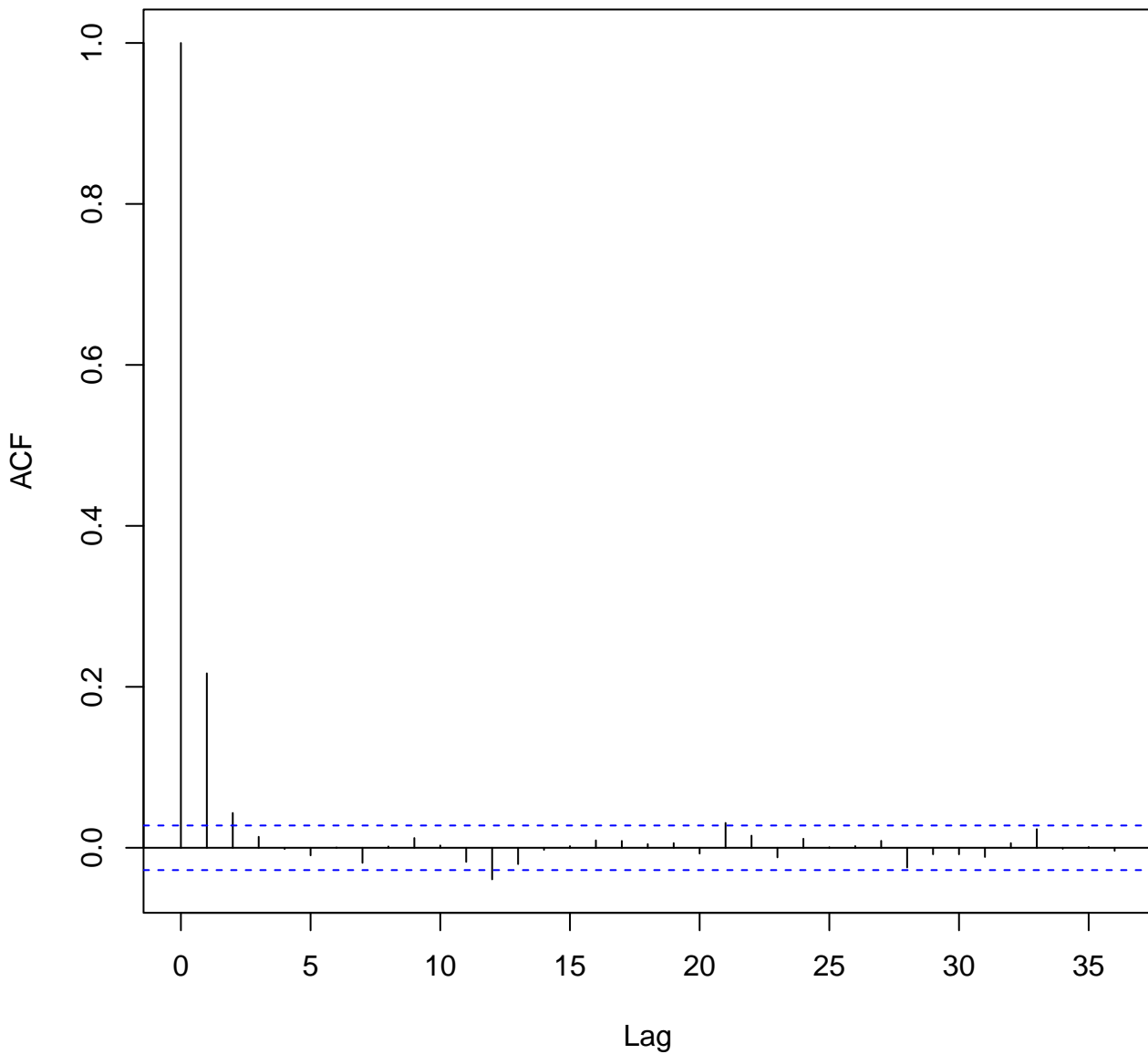
X\_1 chain 1



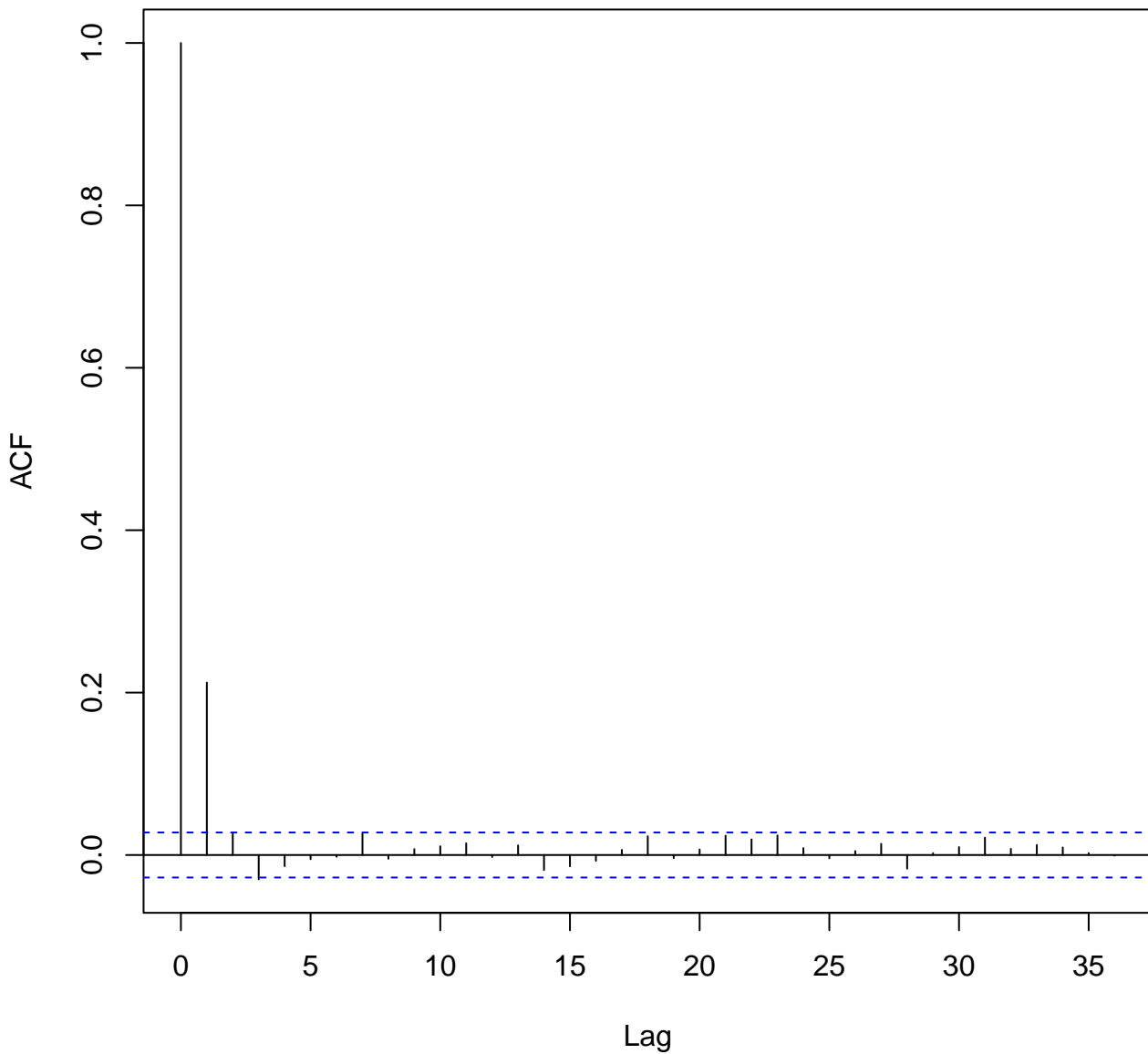
X\_1 chain 2



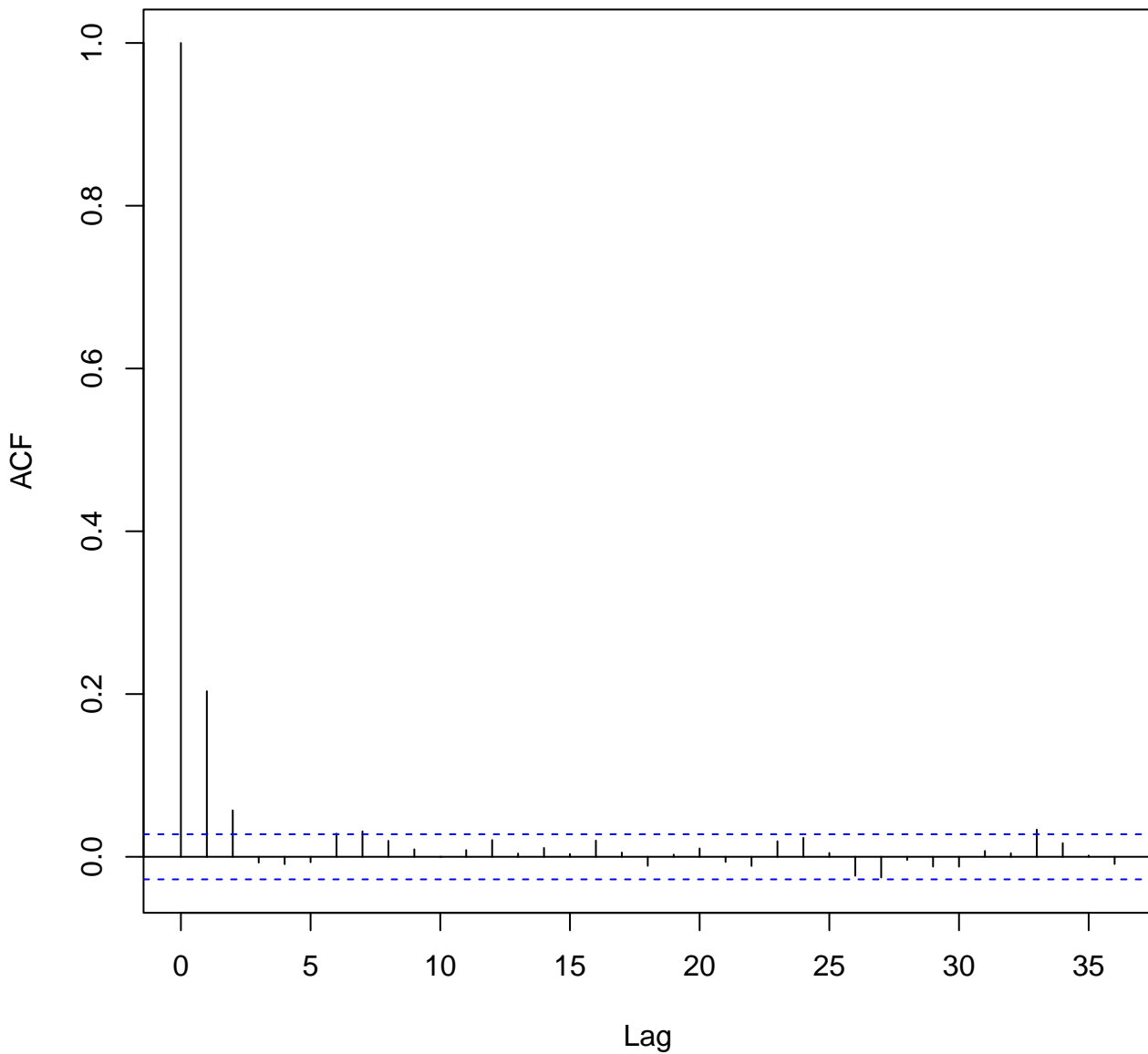
**X\_1 chain 3**



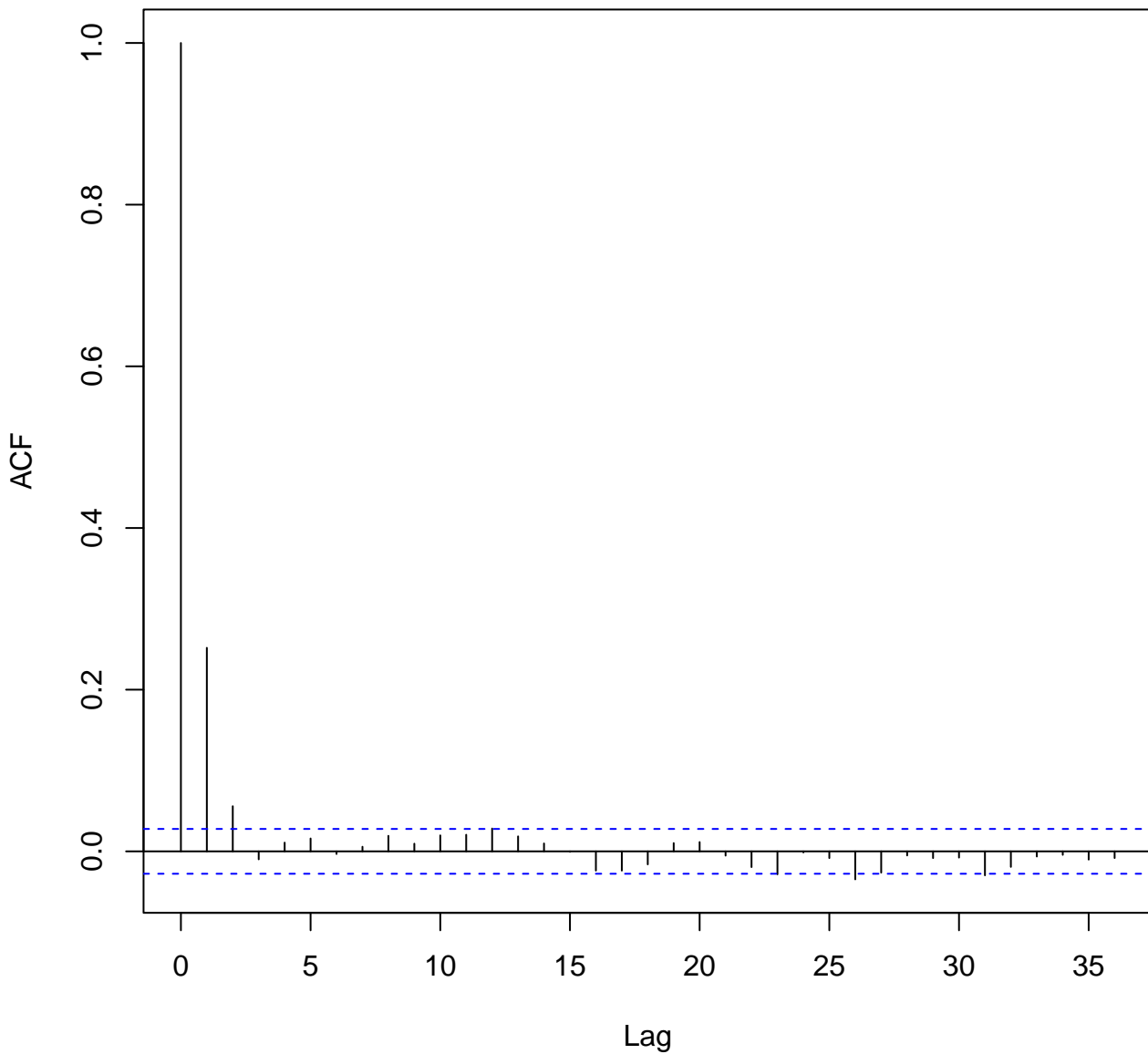
X\_1 chain 4



**X\_1 chain 5**

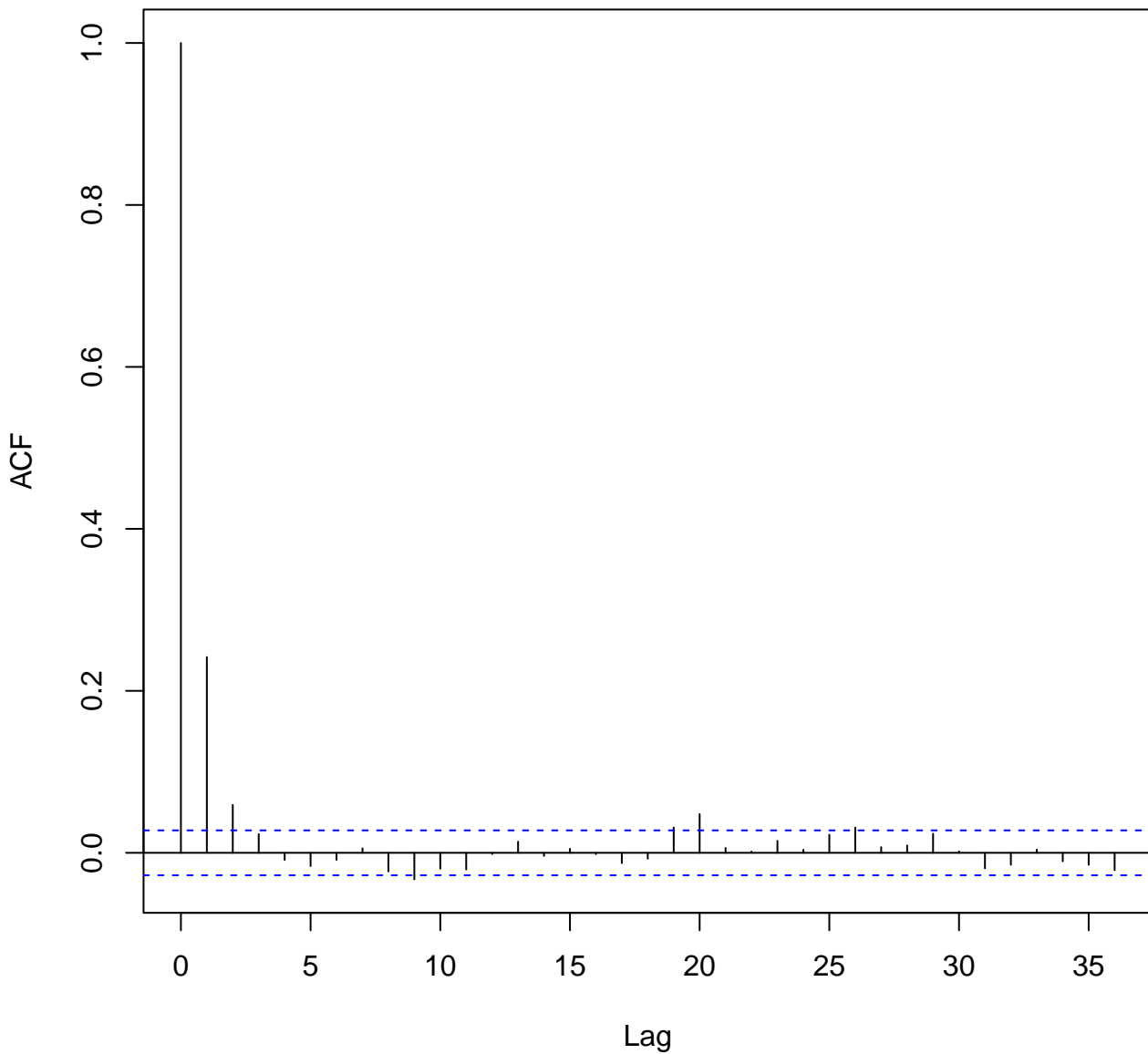


X\_1 chain 6

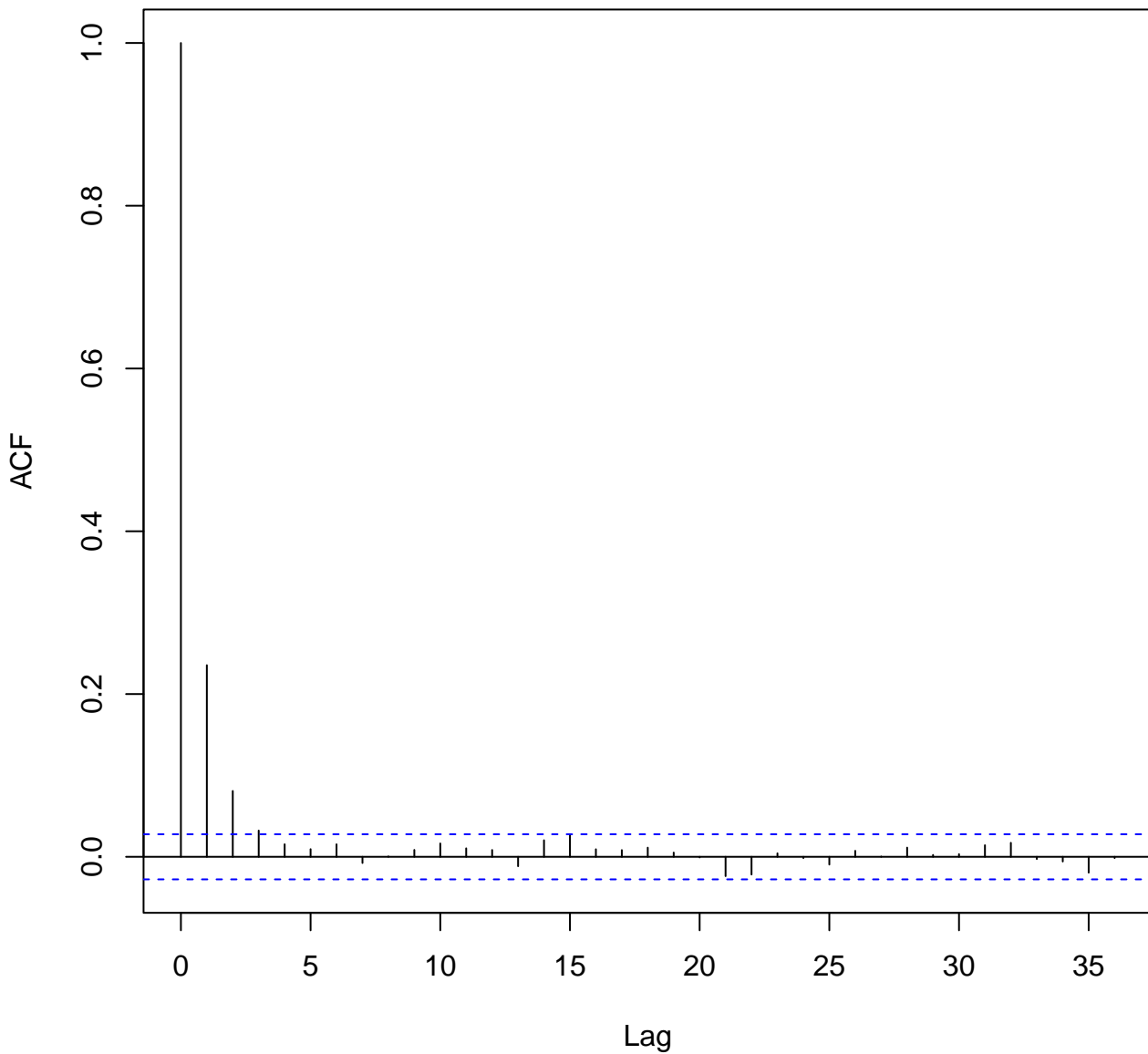




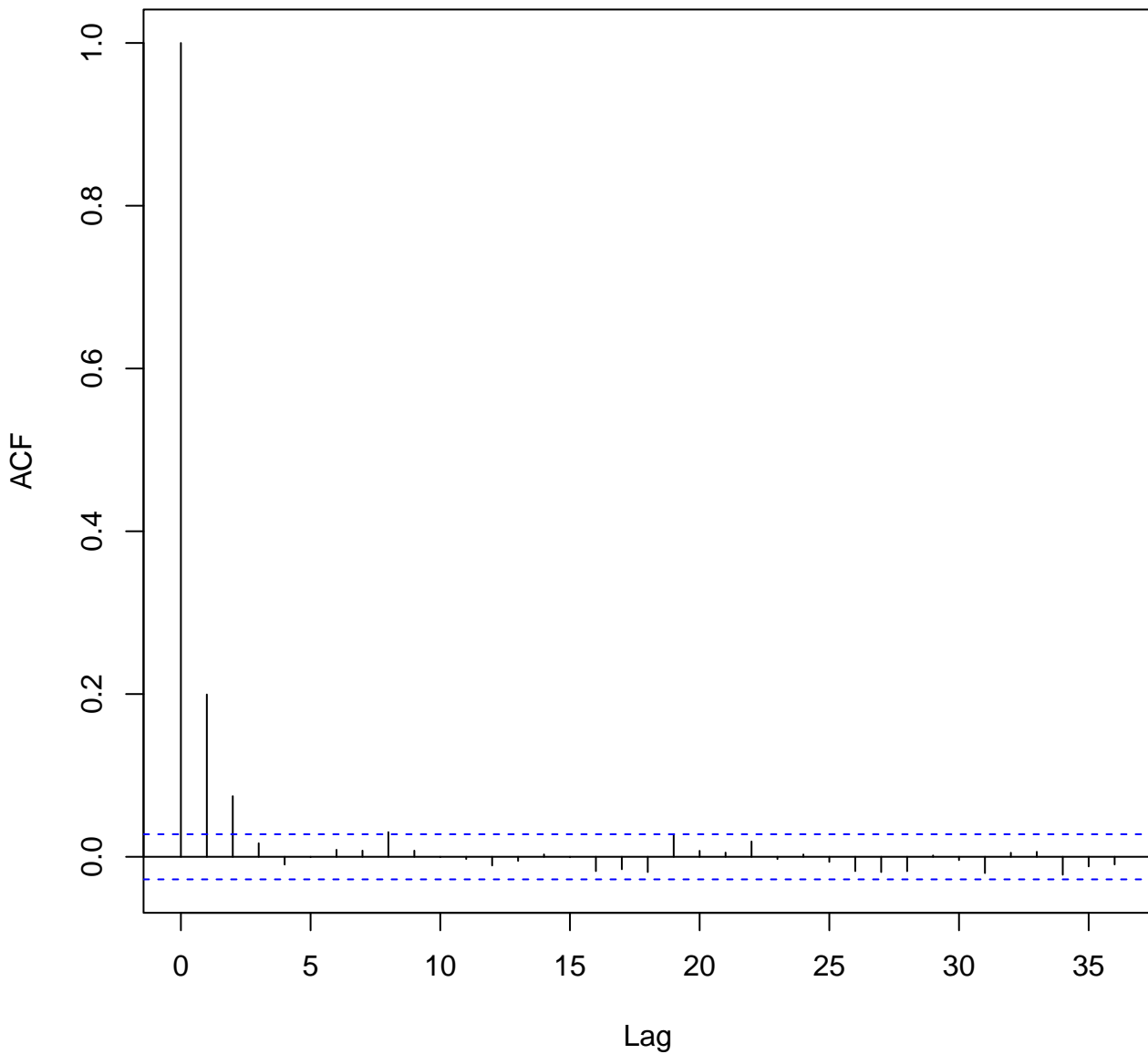
X\_2 chain 1



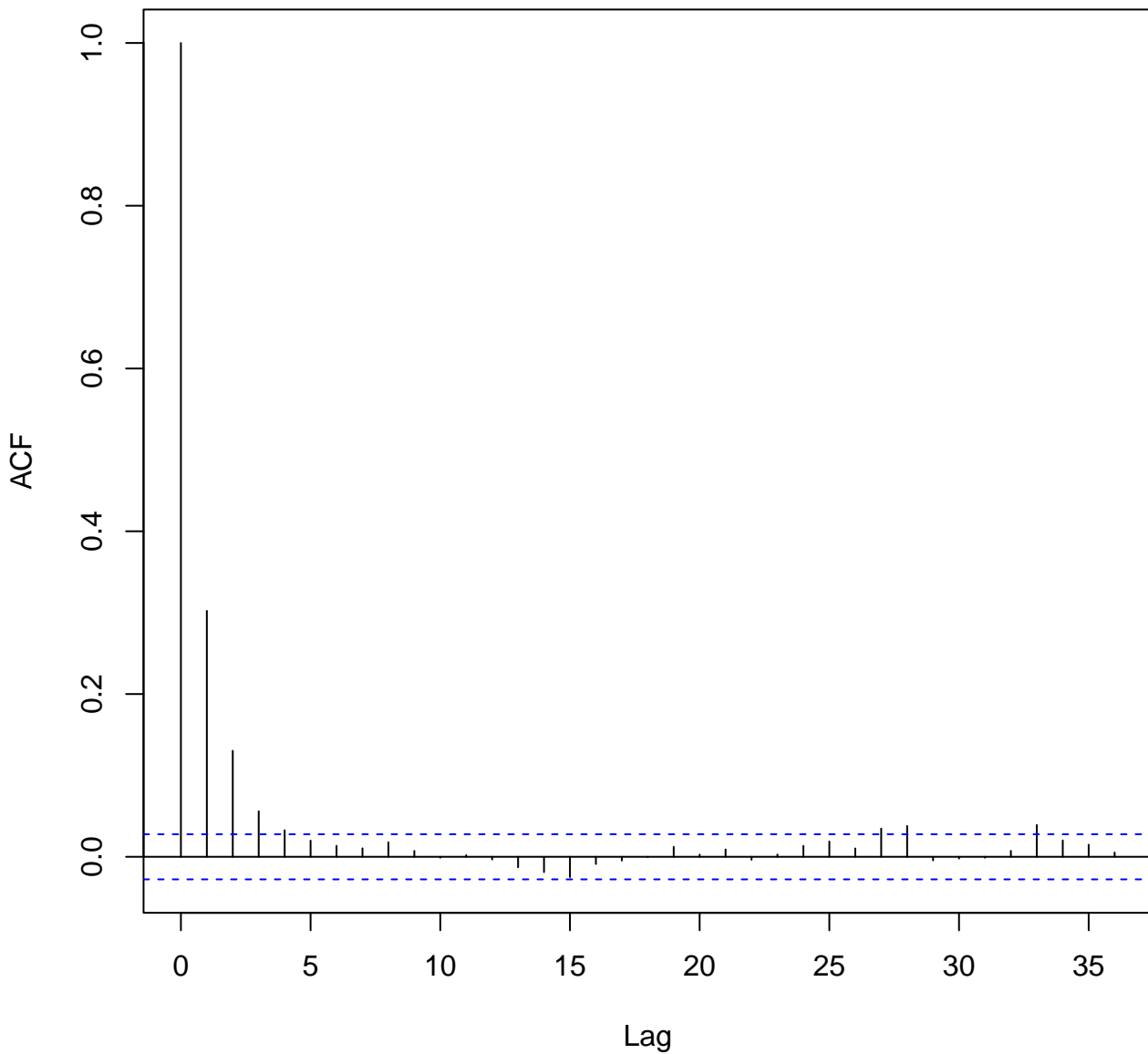
X\_2 chain 2



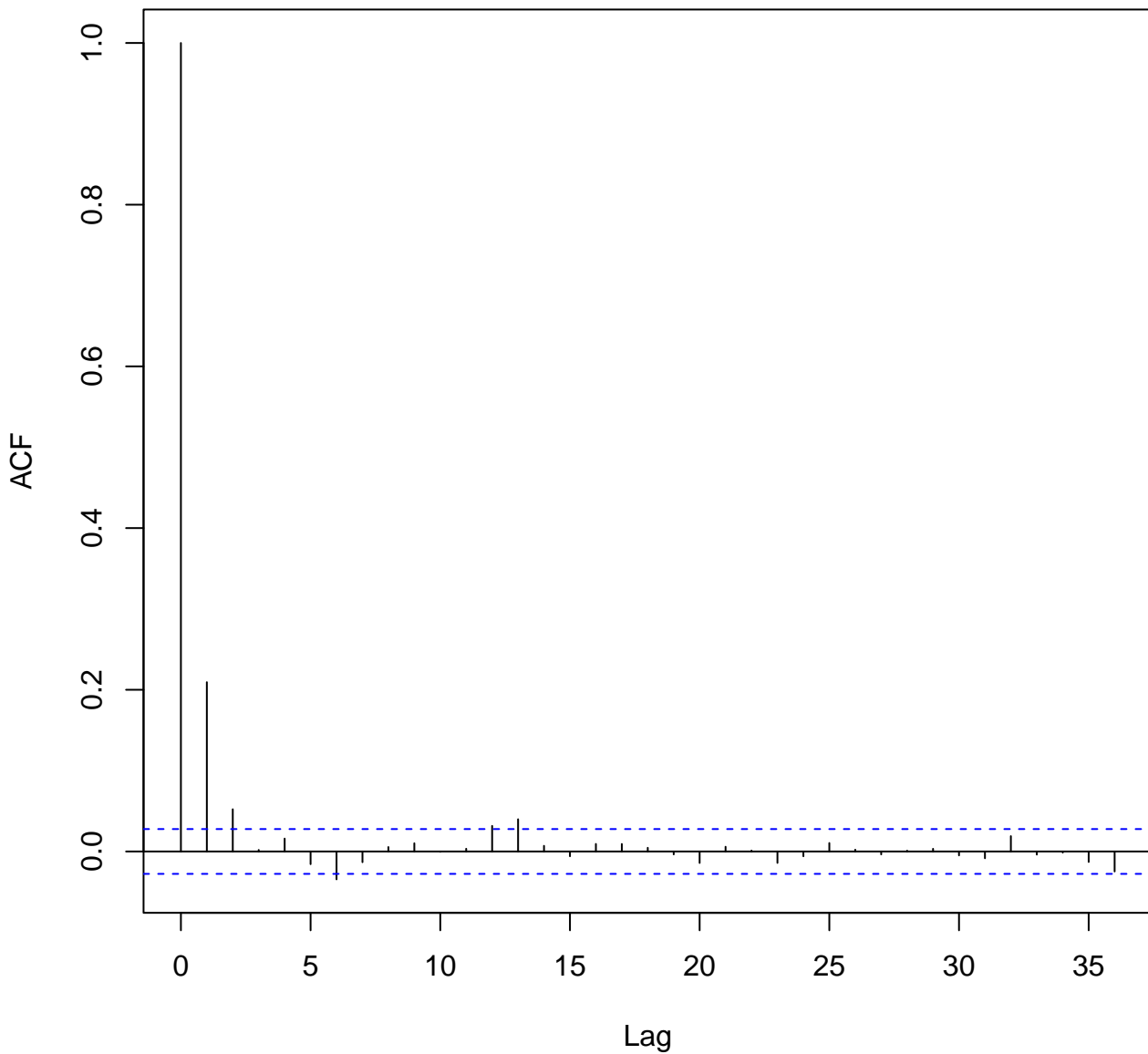
X\_2 chain 3



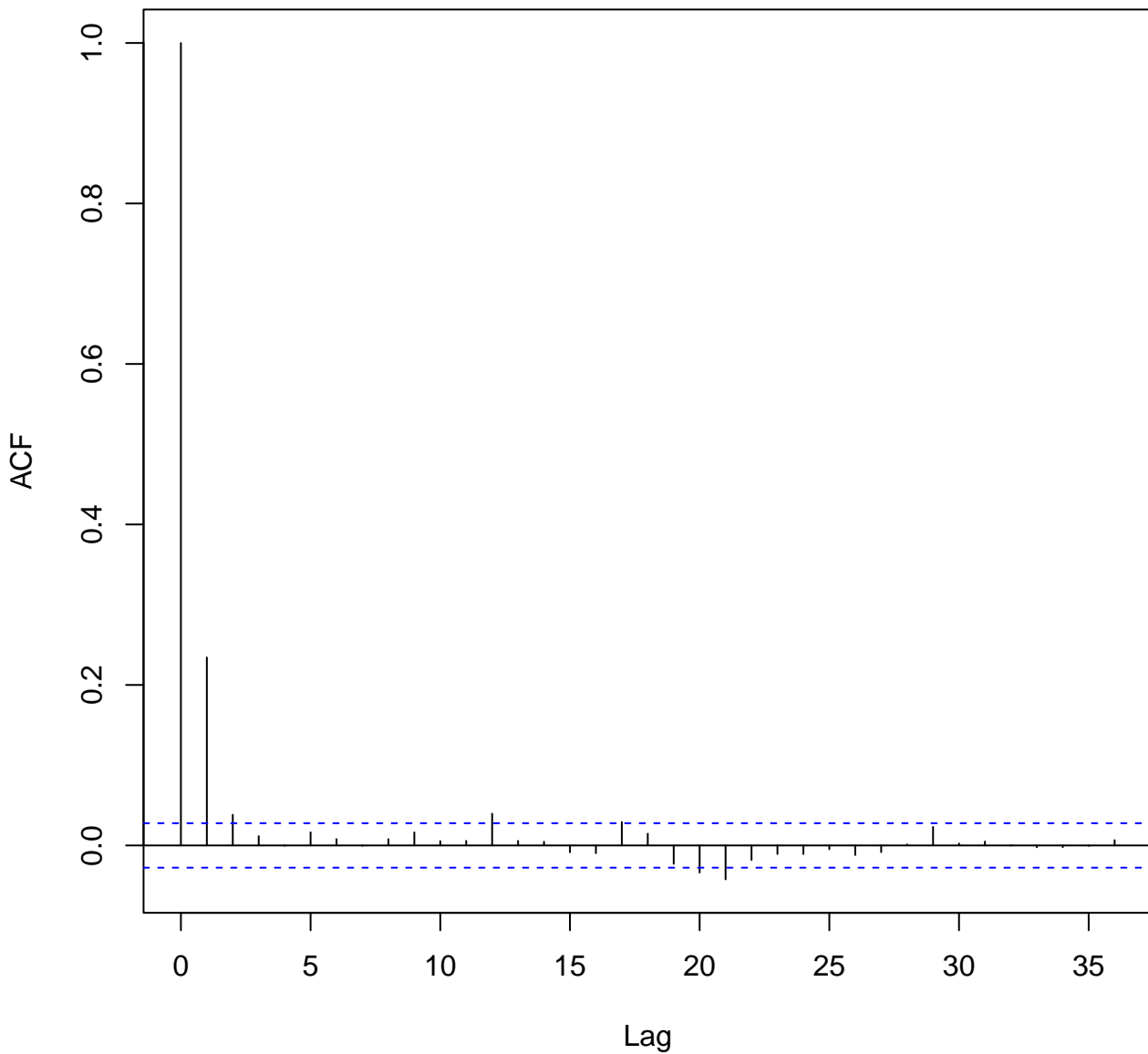
X\_2 chain 4



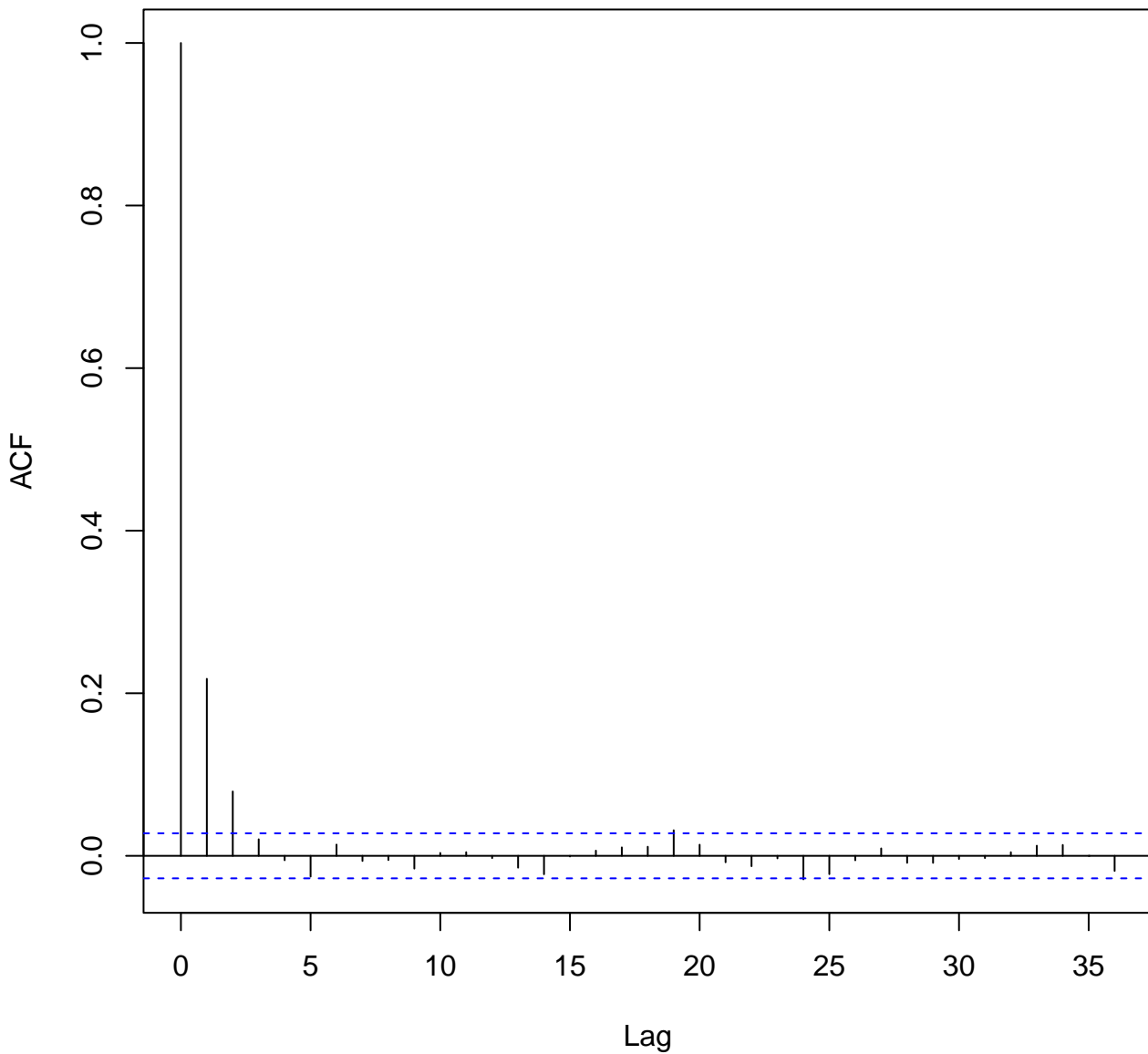
X\_2 chain 5



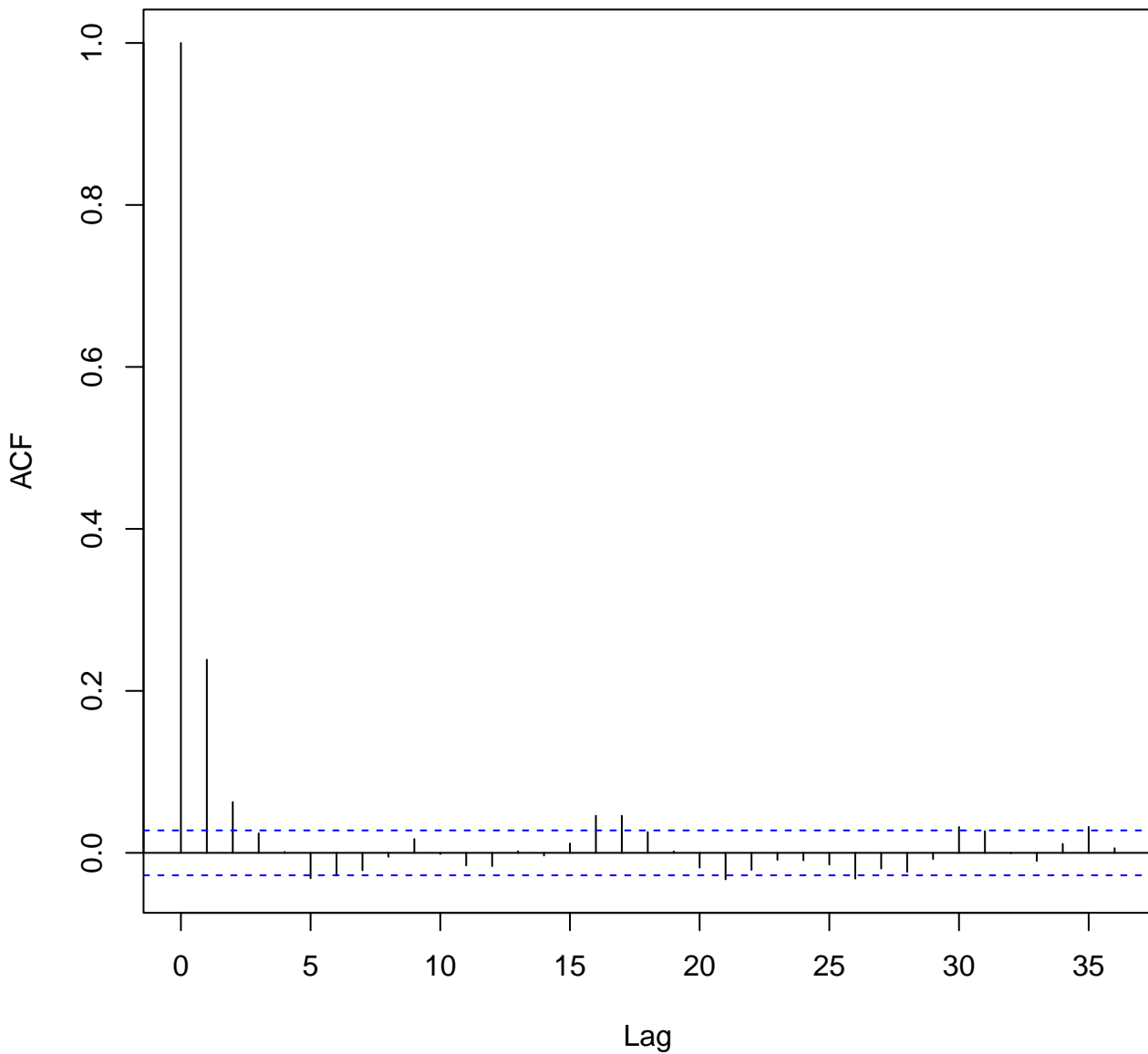
X\_2 chain 6



X\_3 chain 1

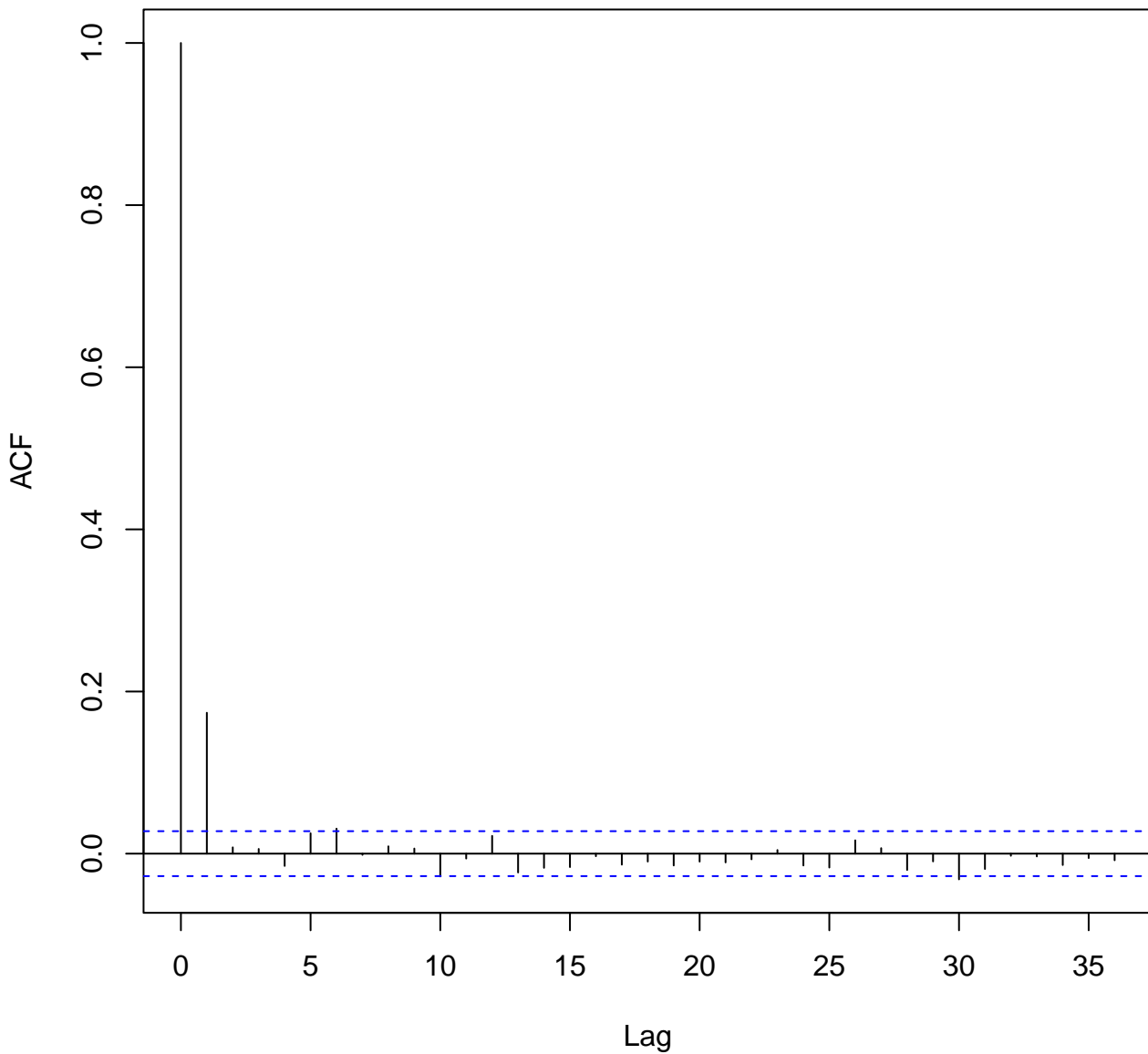


**X\_3 chain 2**

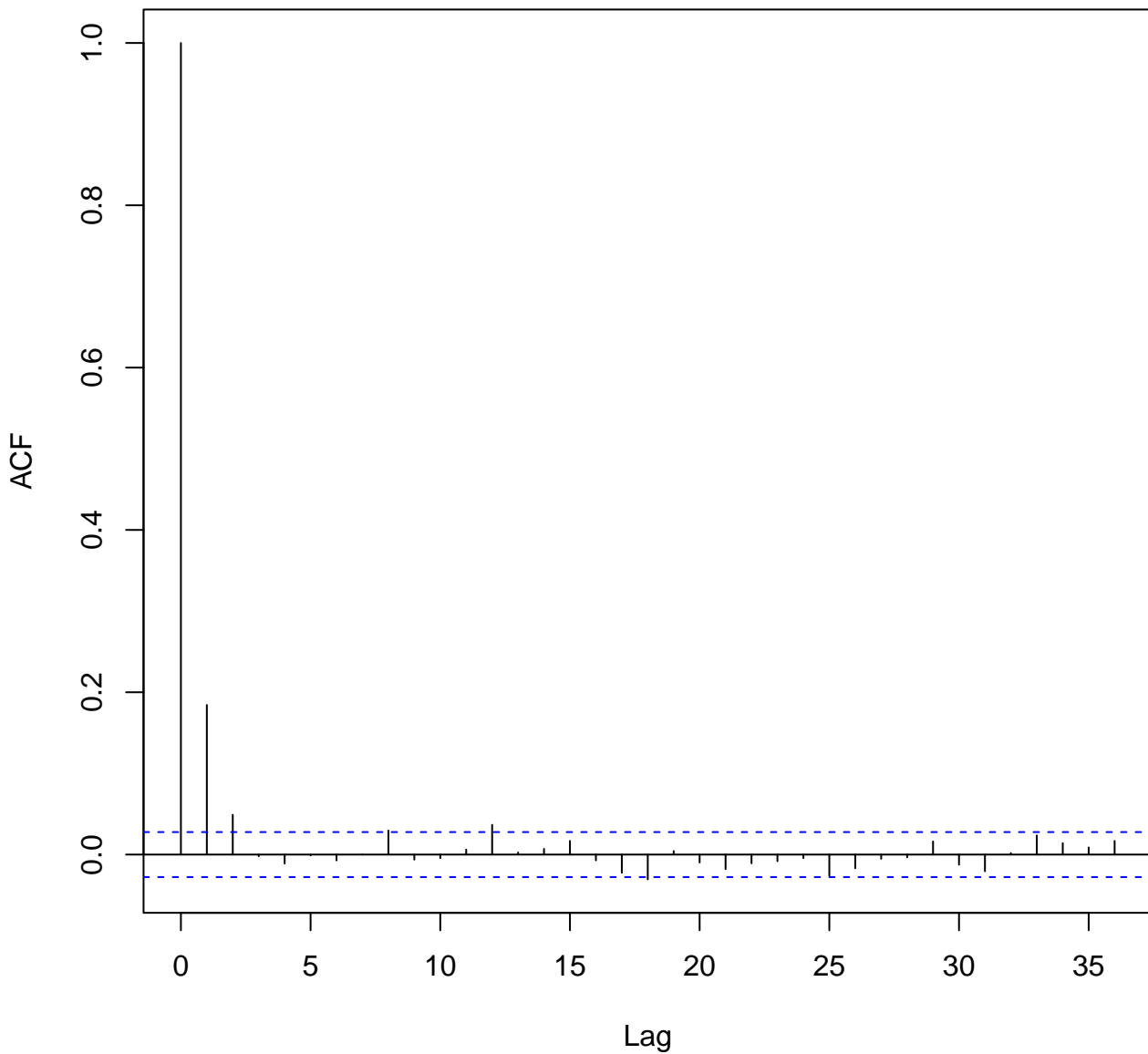




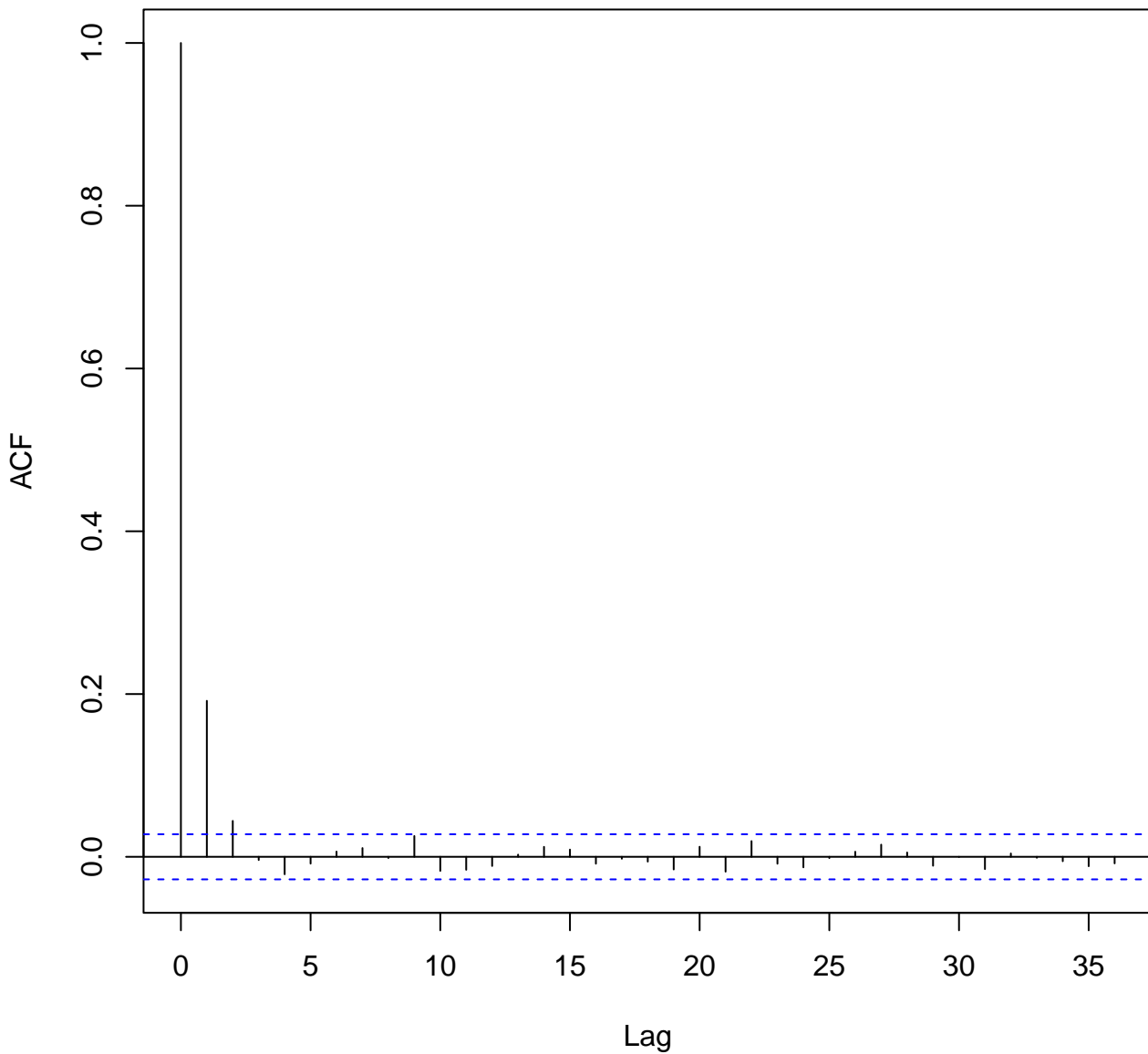
**X\_3 chain 3**



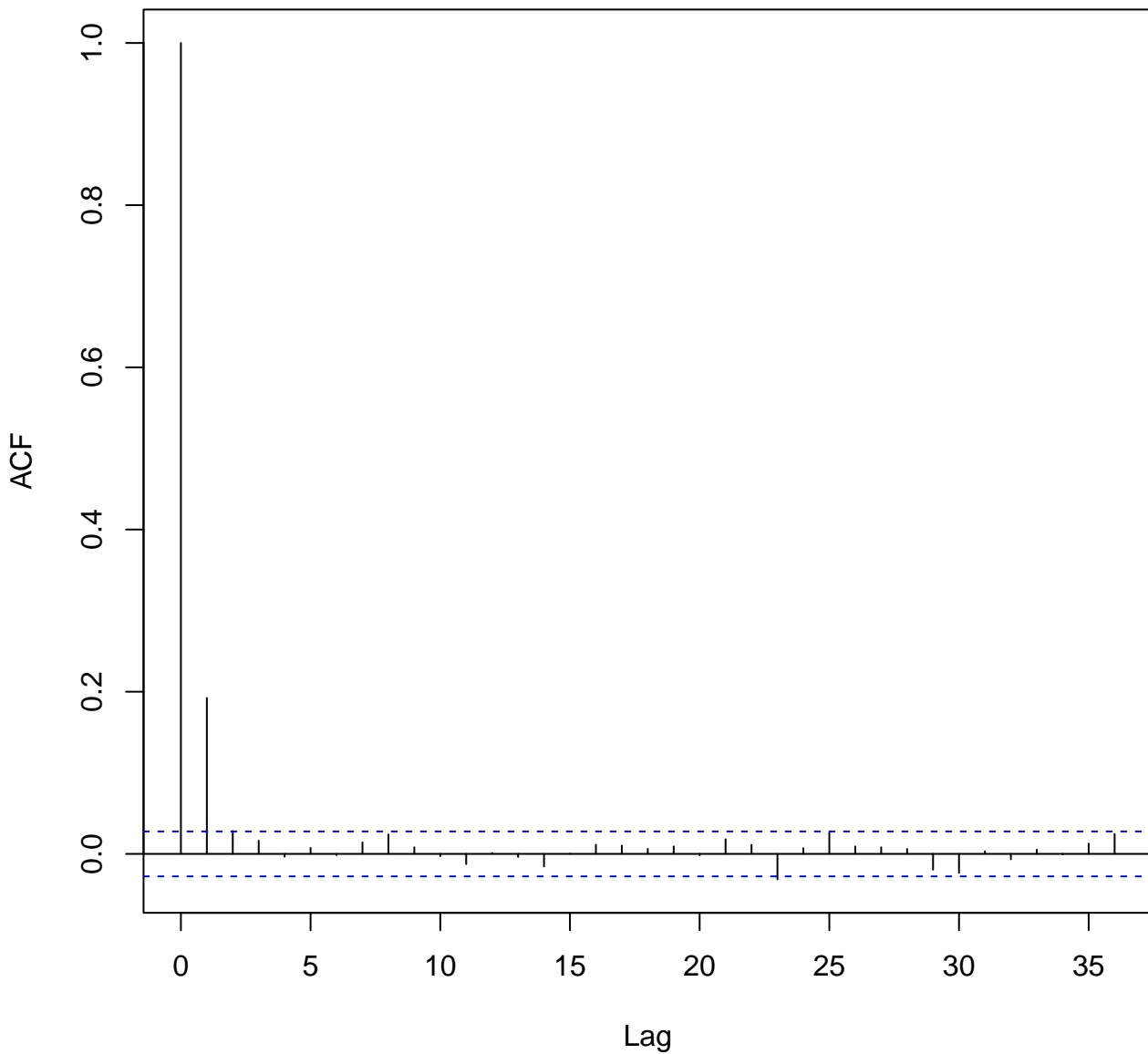
# X\_3 chain 4



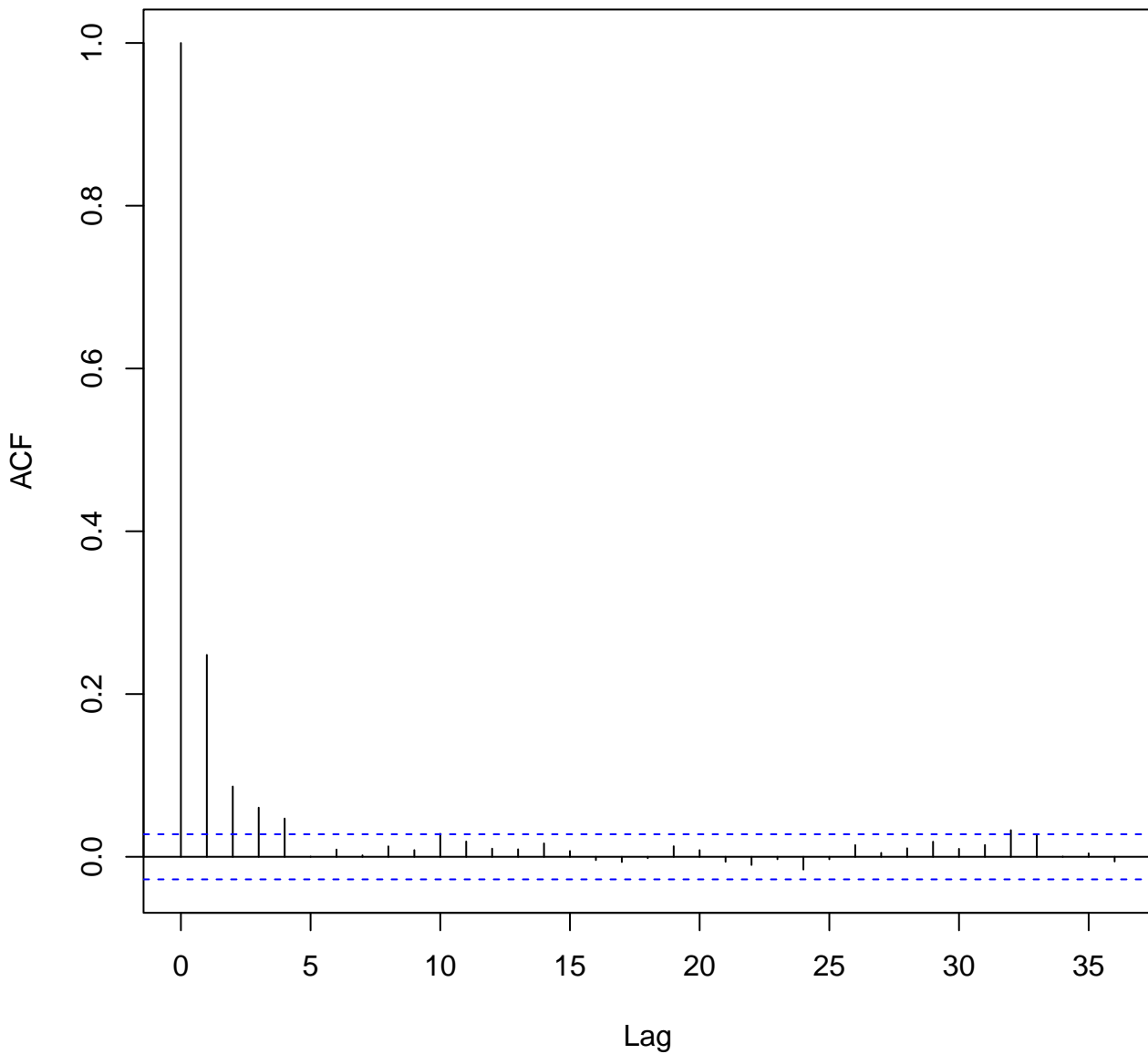
X\_3 chain 5



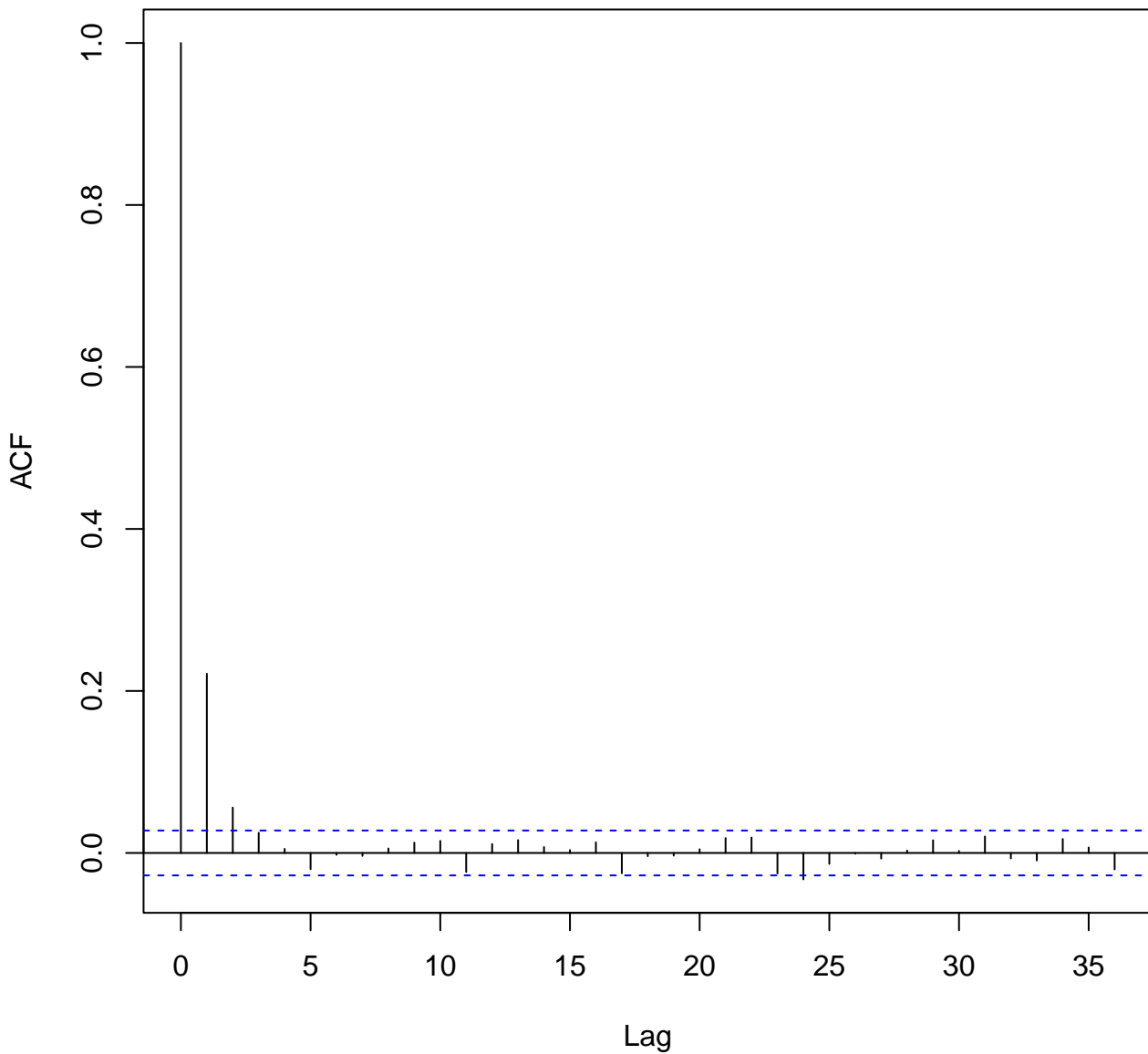
X\_3 chain 6



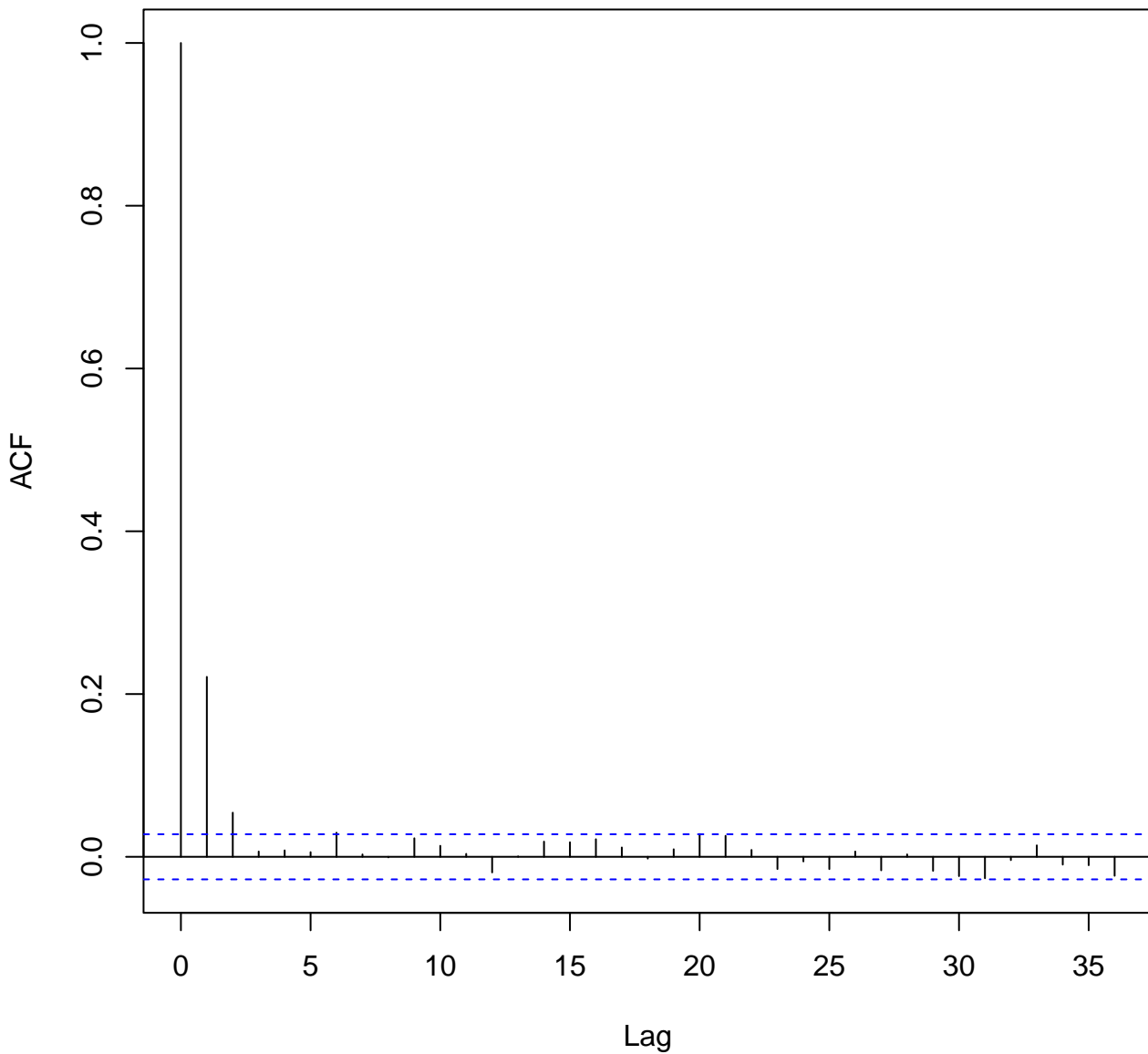
X\_4 chain 1



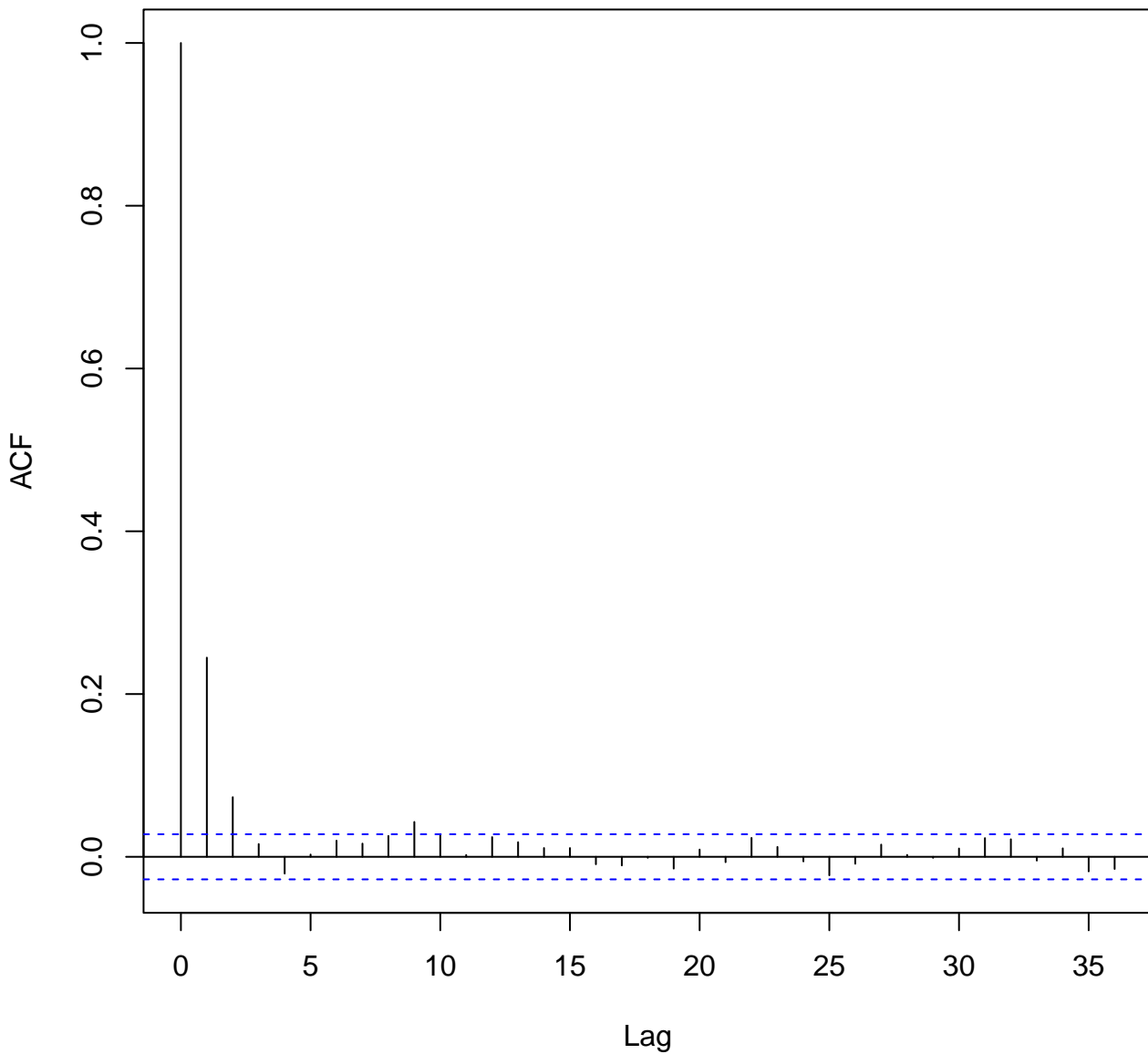
X\_4 chain 2



**X\_4 chain 3**

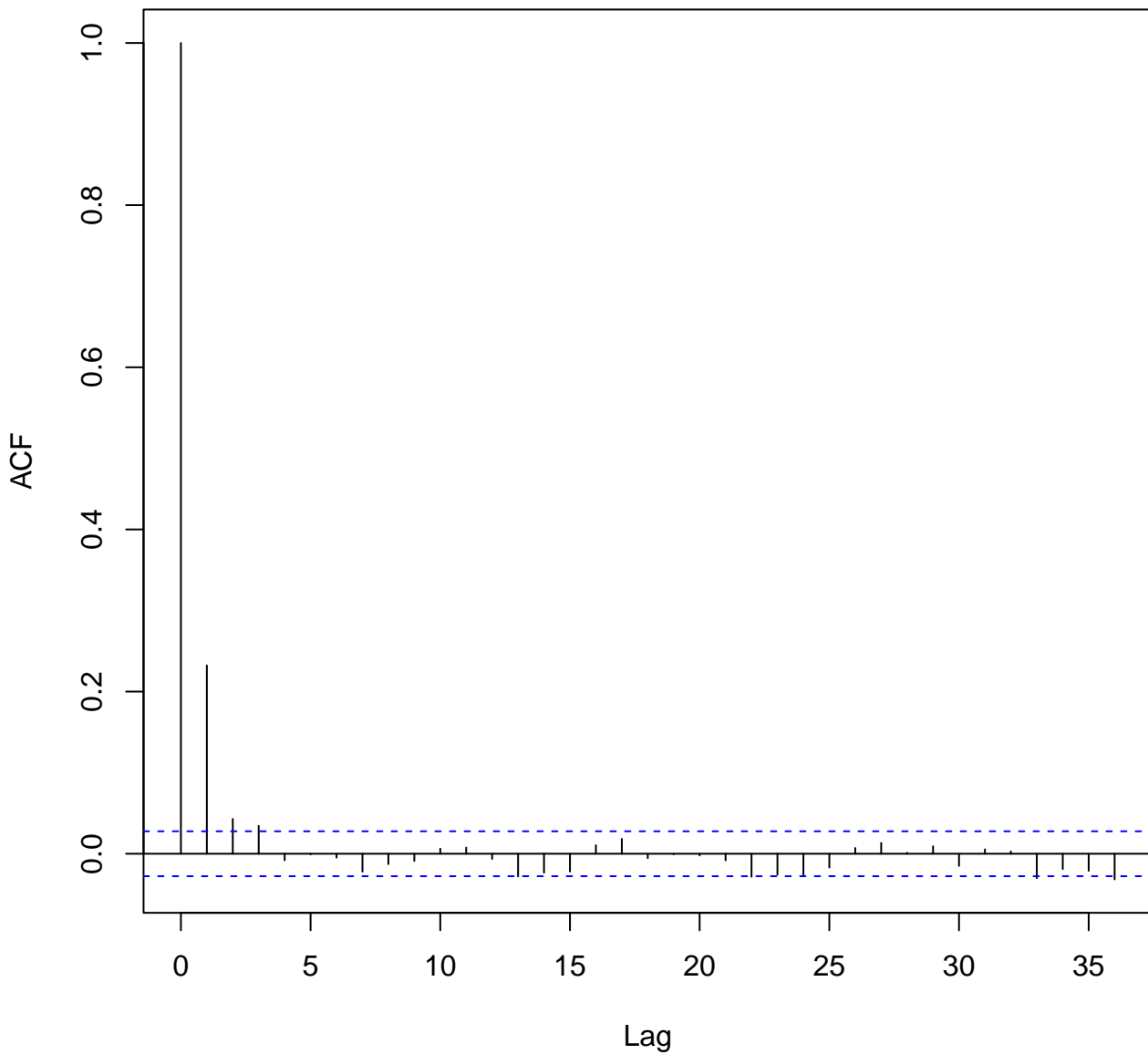


**X\_4 chain 4**

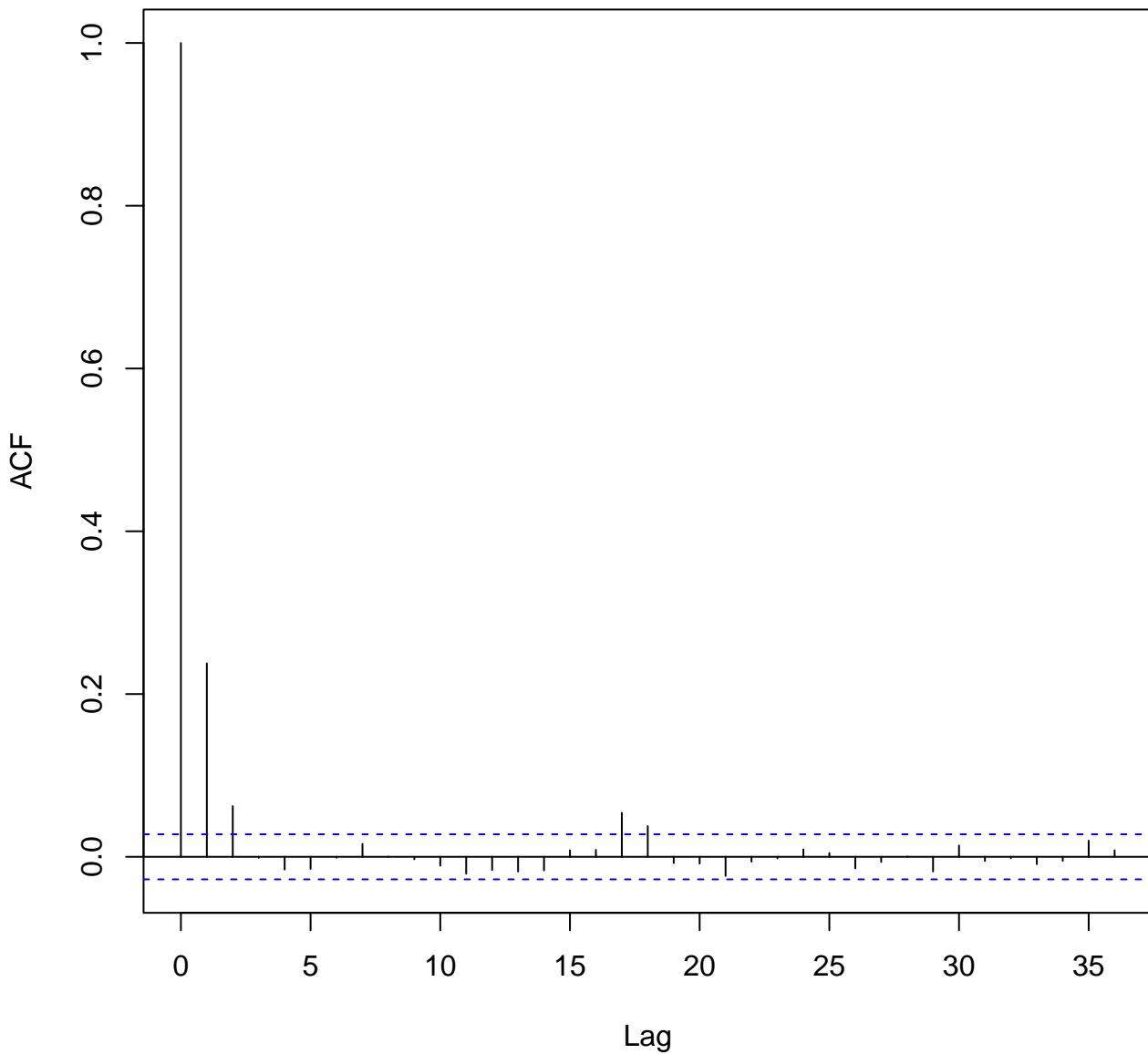




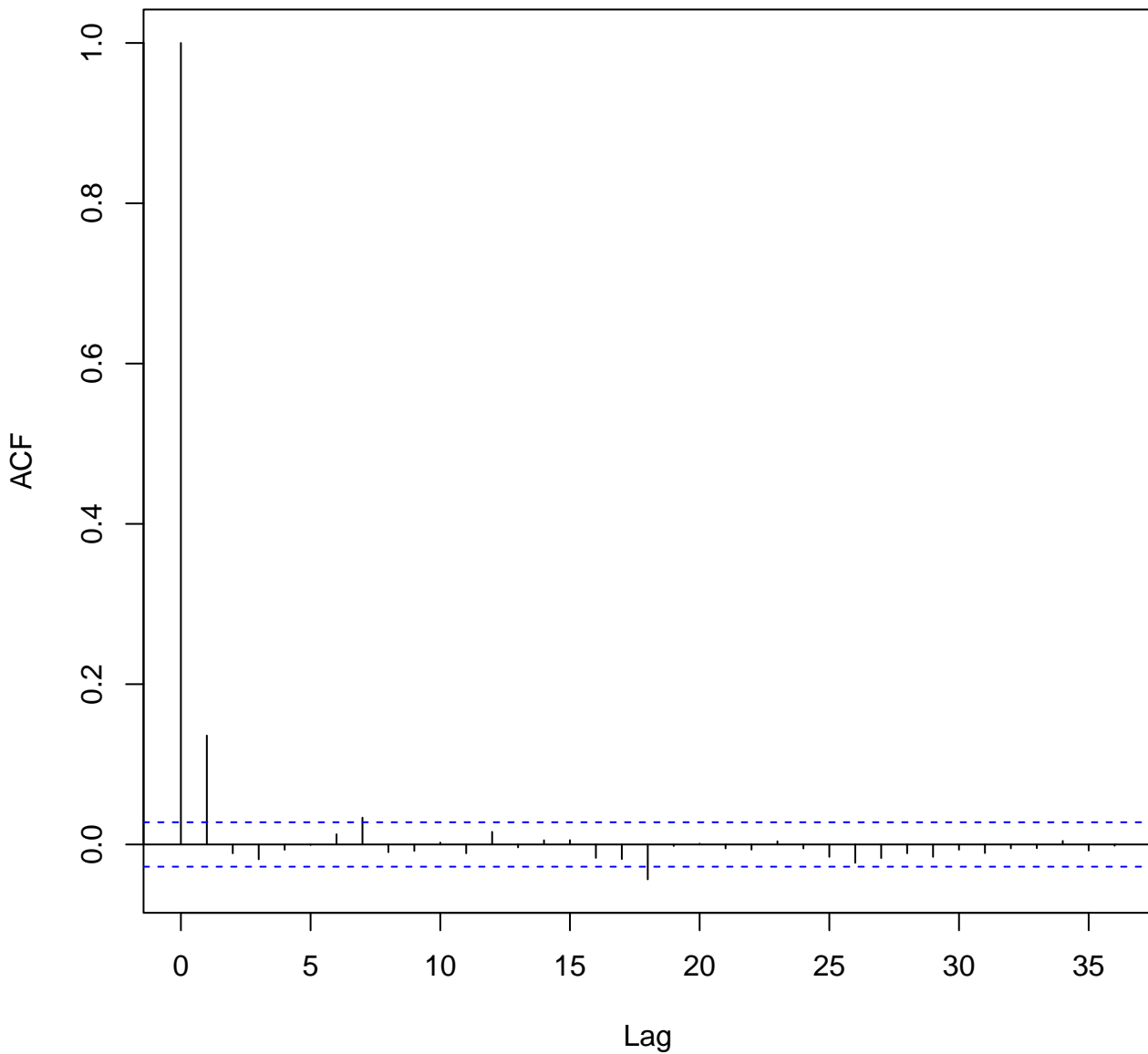
# X\_4 chain 5



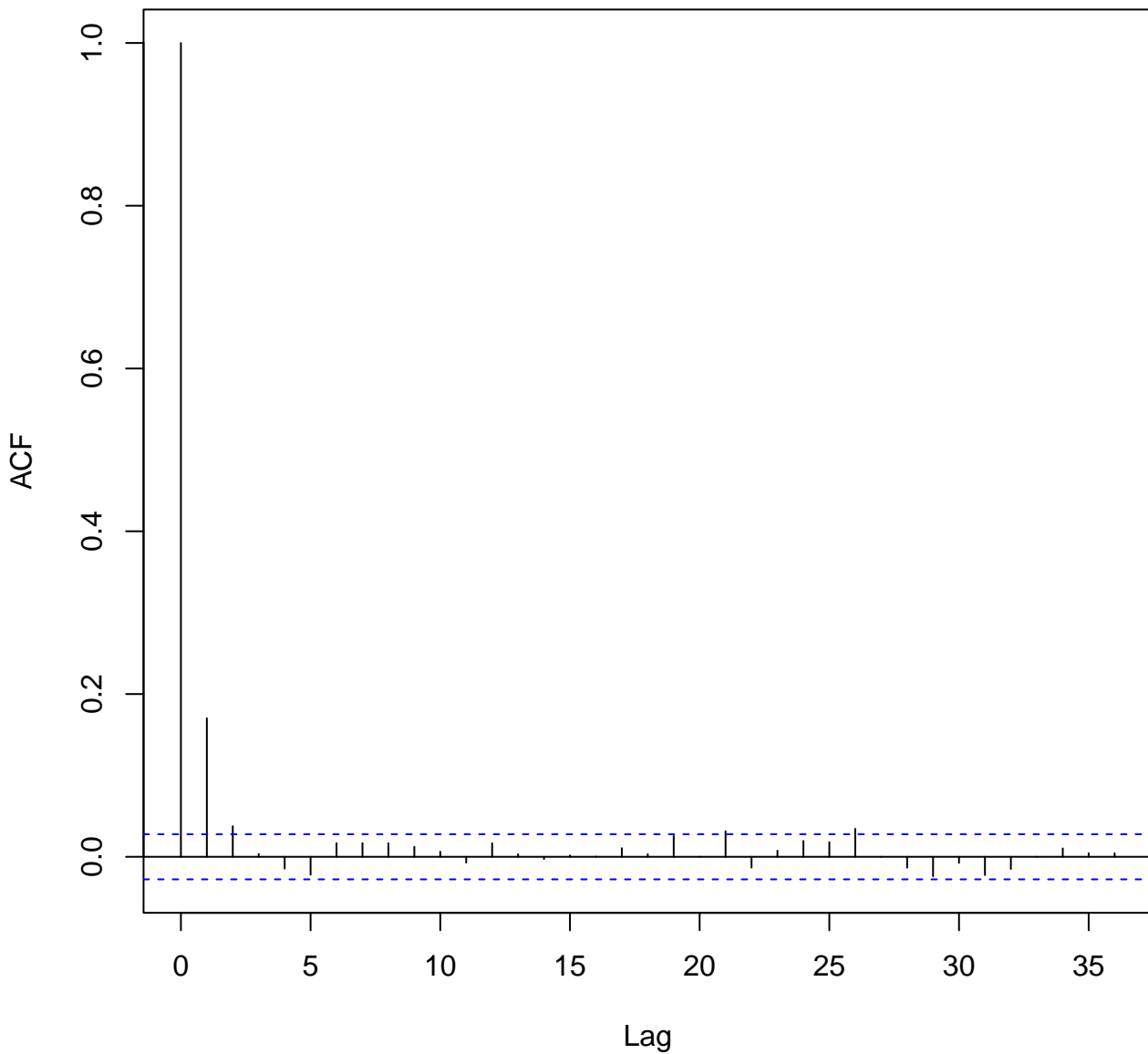
**X\_4 chain 6**



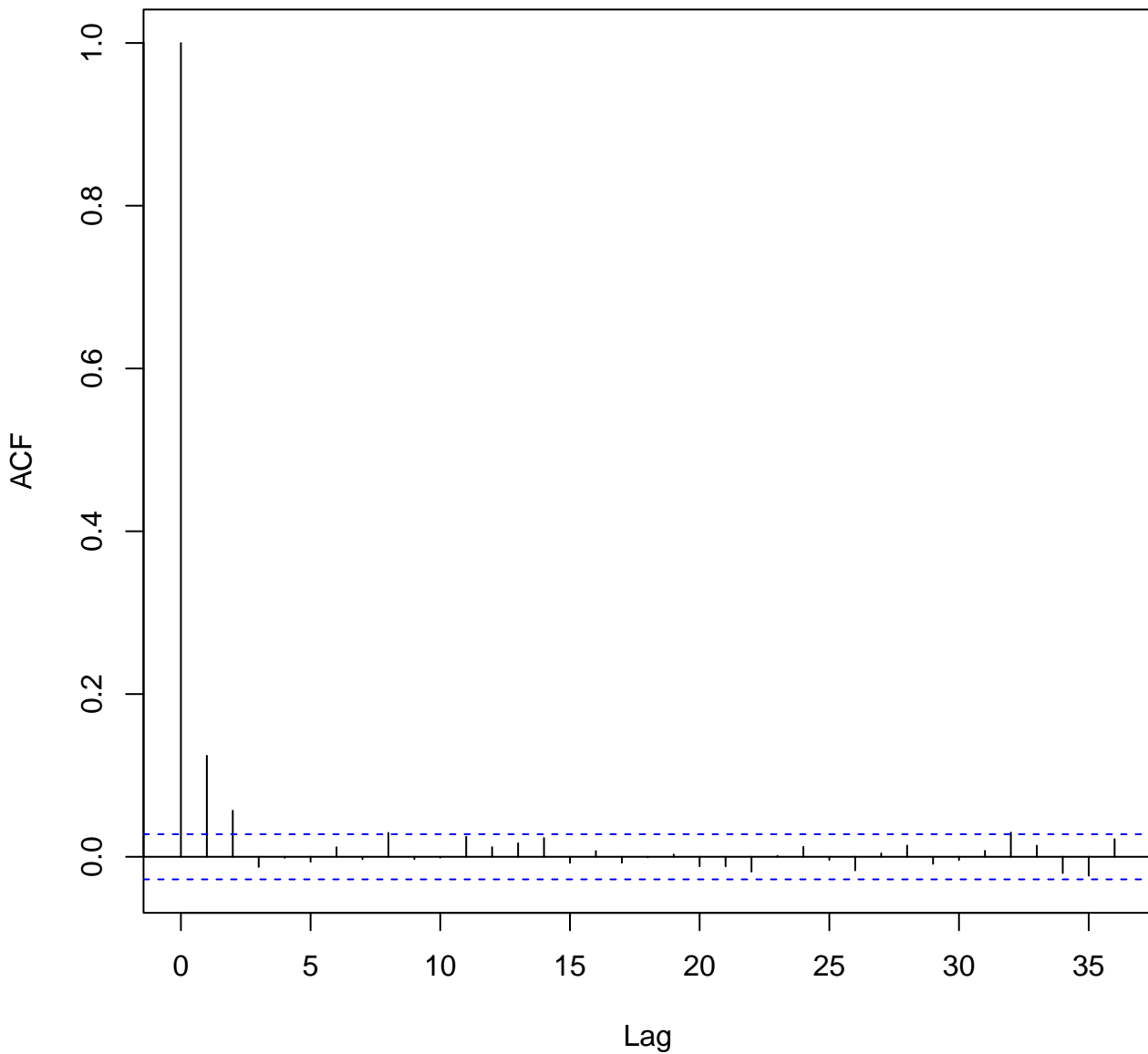
X\_5 chain 1



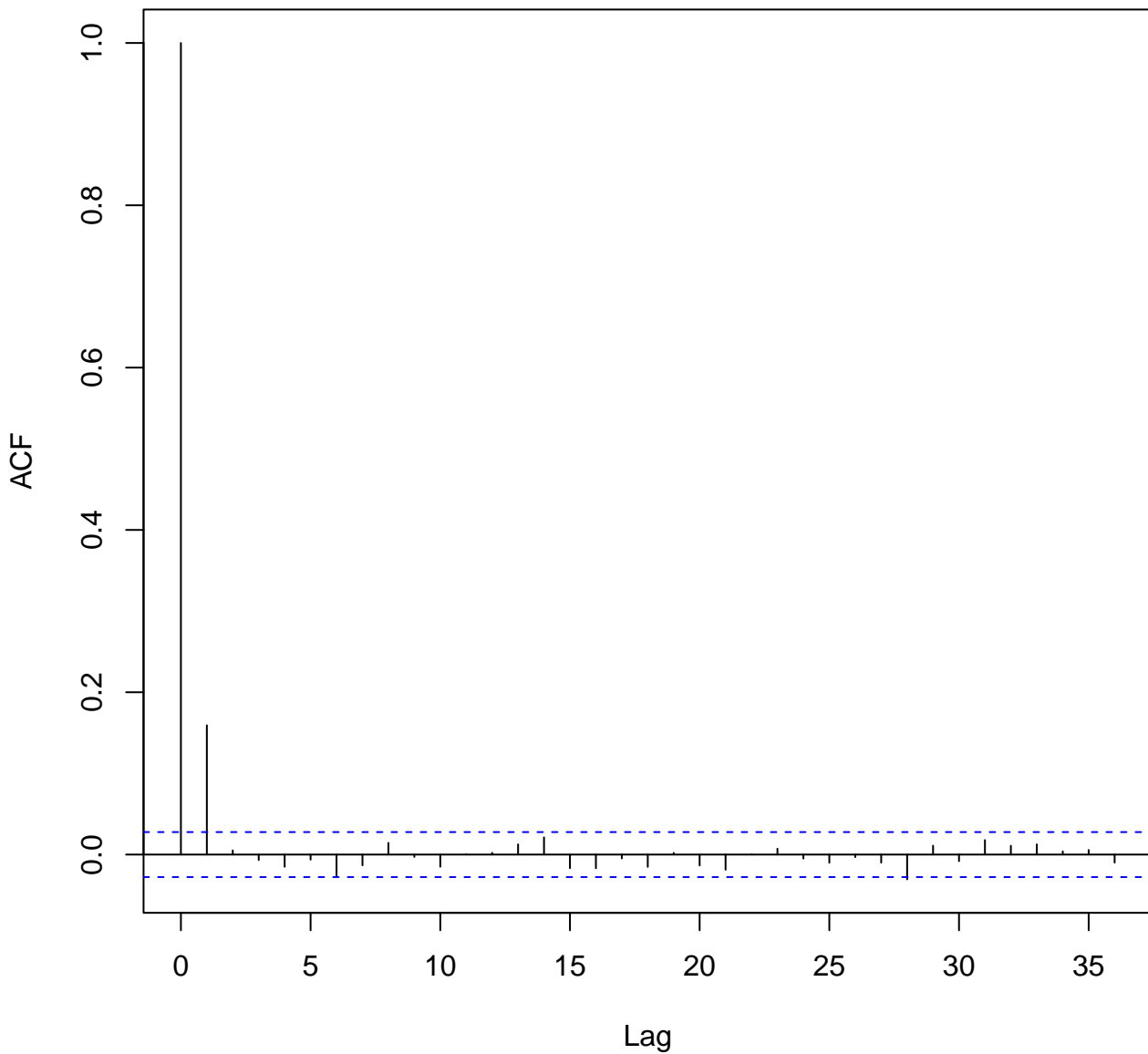
# X\_5 chain 2



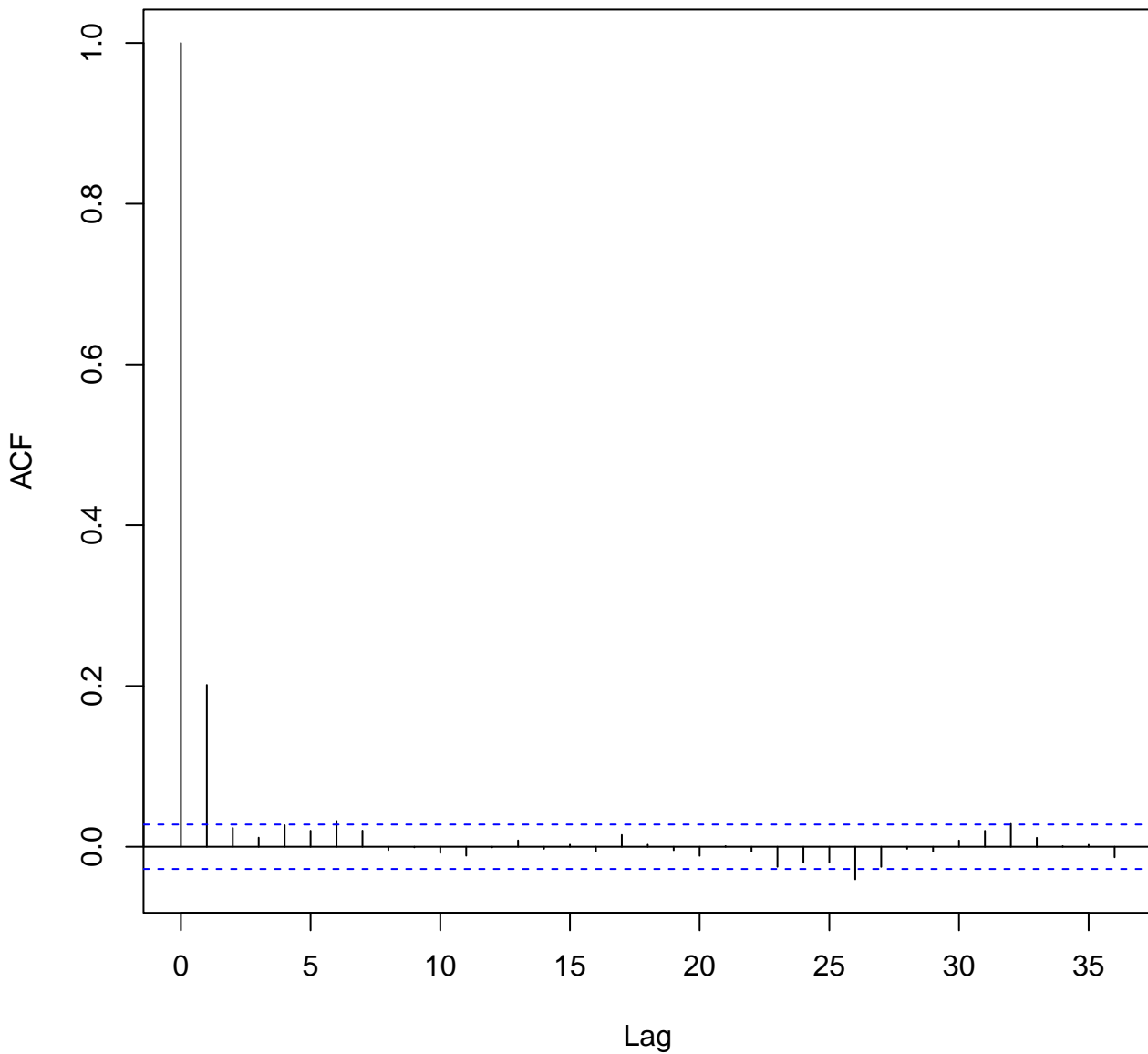
X\_5 chain 3



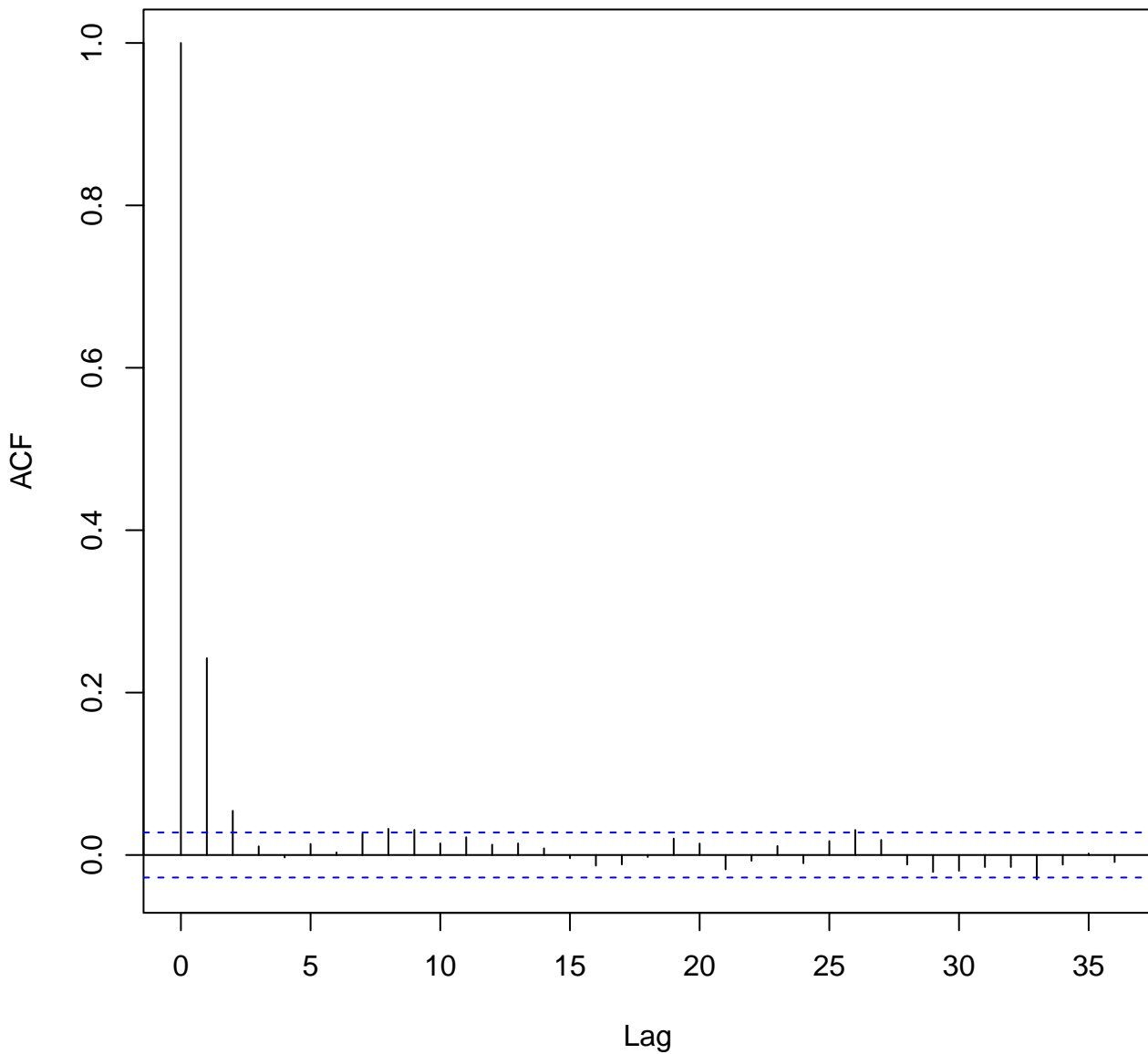
X\_5 chain 4



**X\_5 chain 5**

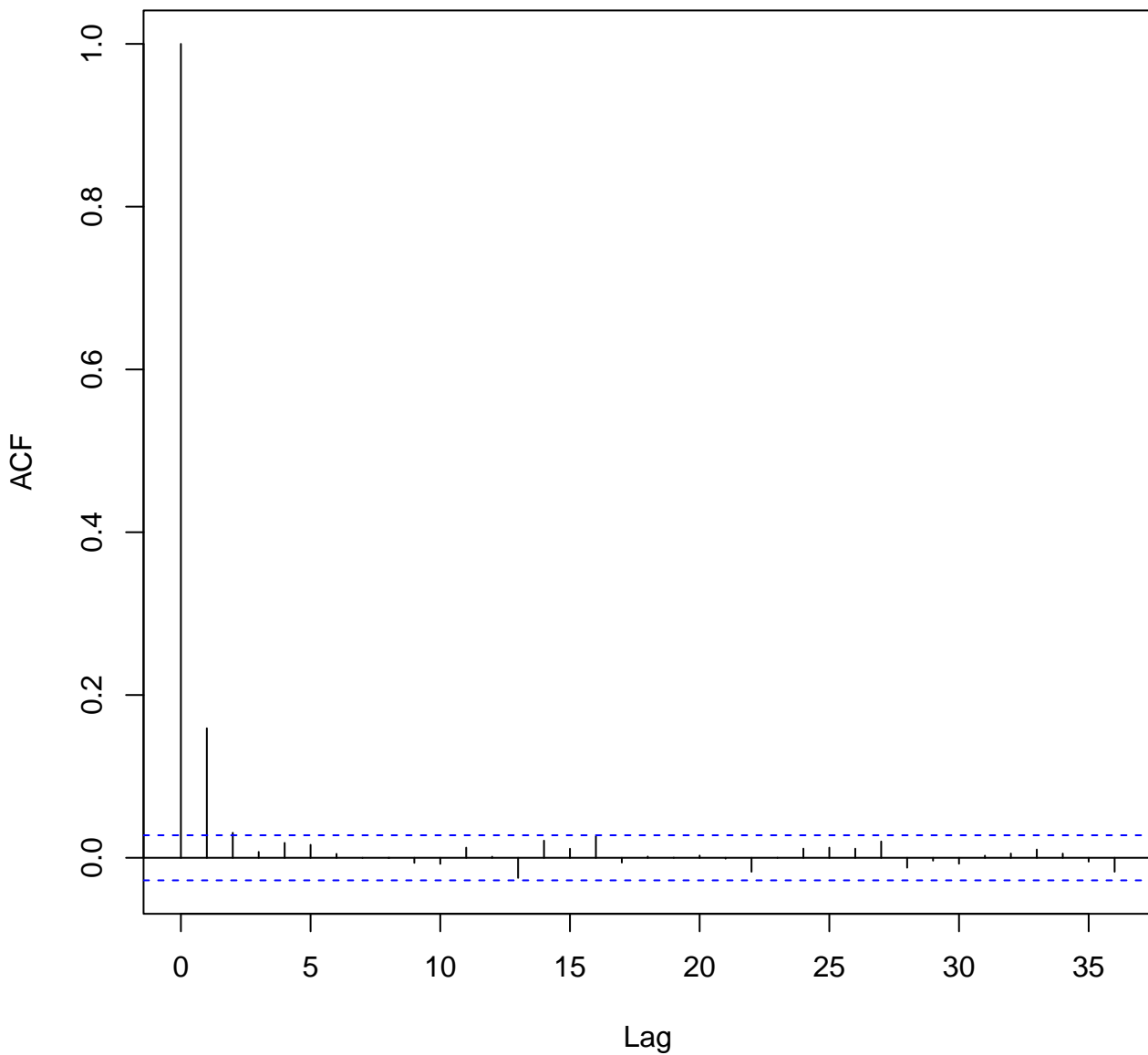


X\_5 chain 6

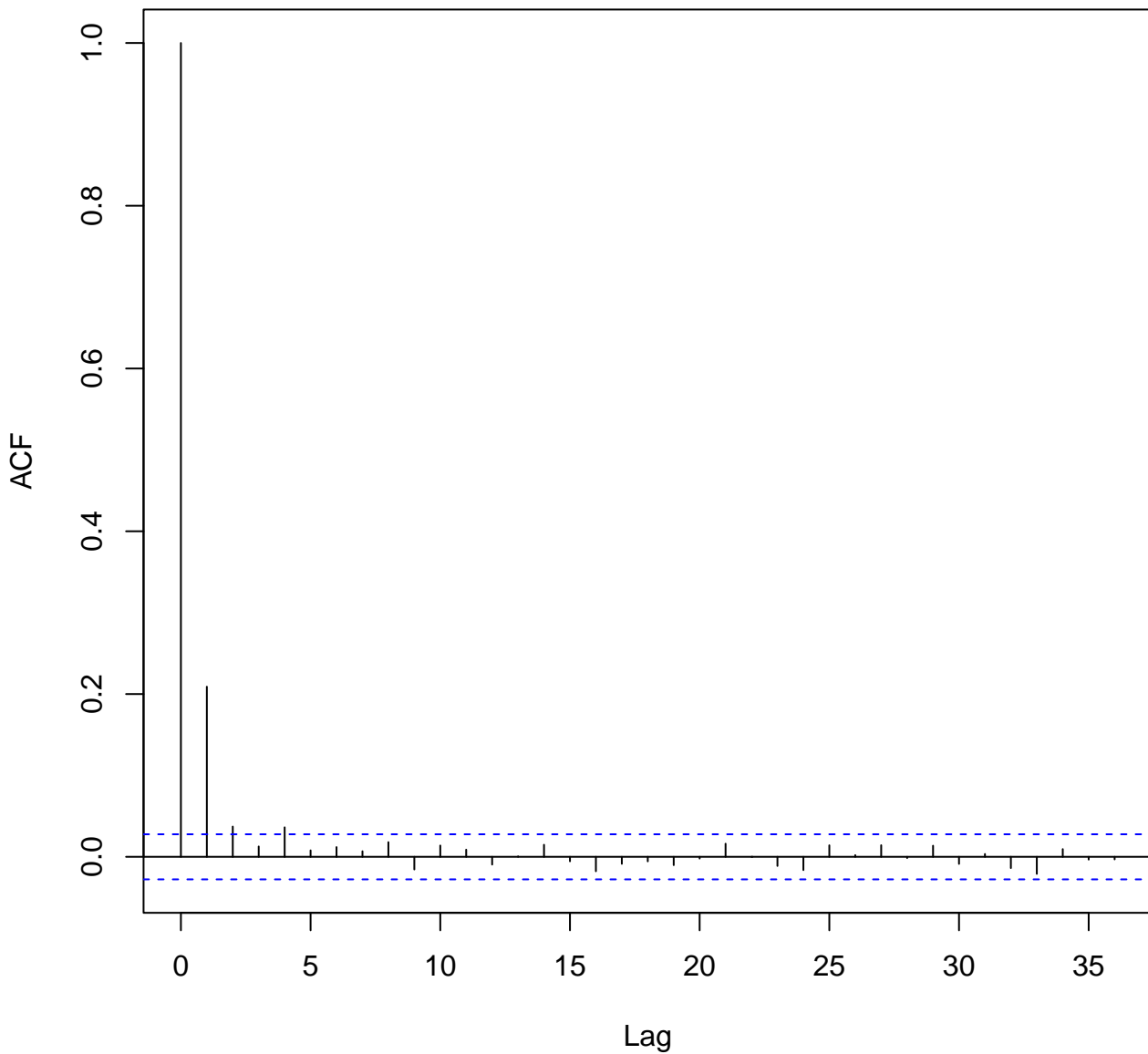




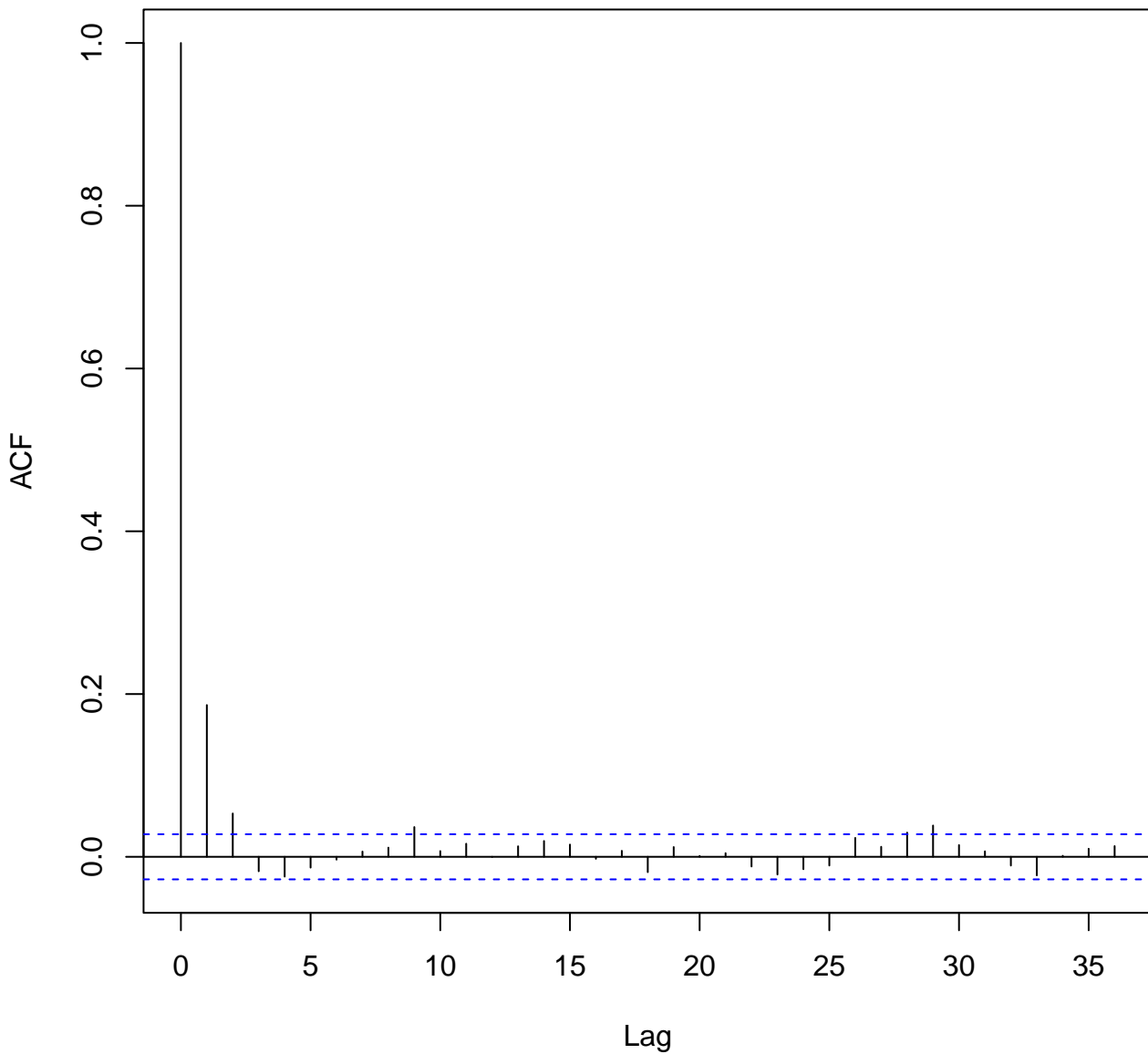
X\_6 chain 1



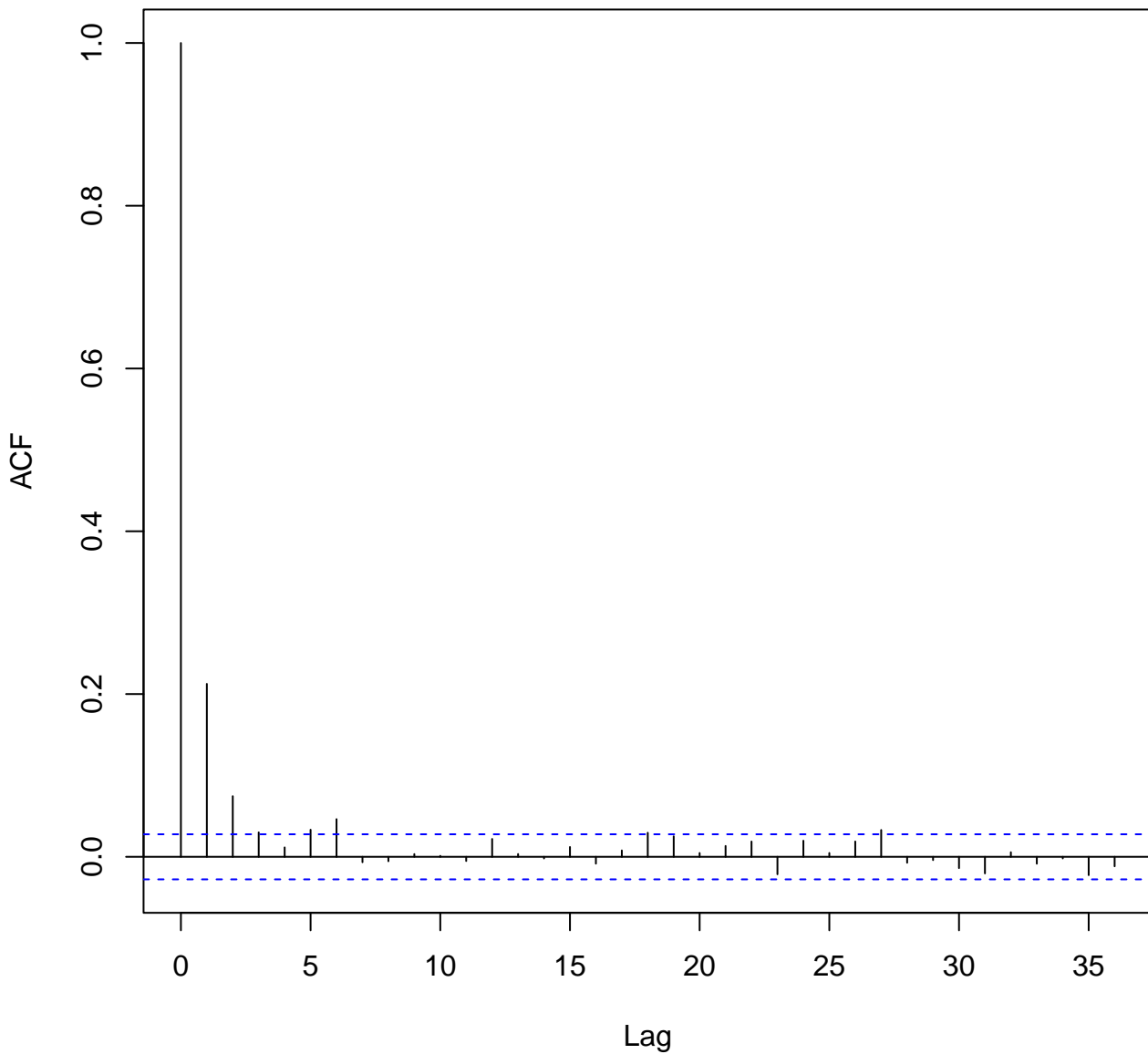
X\_6 chain 2



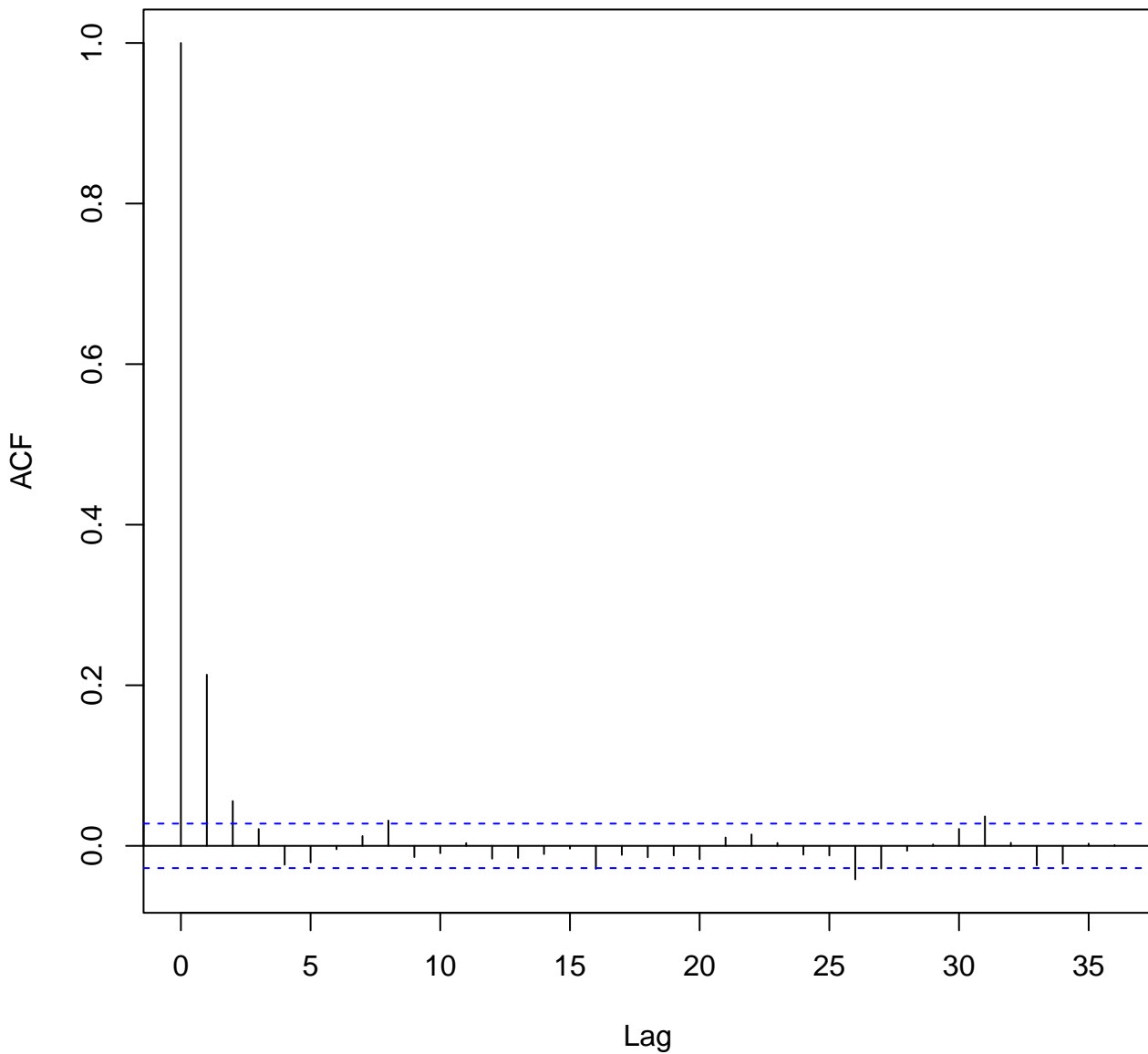
X\_6 chain 3



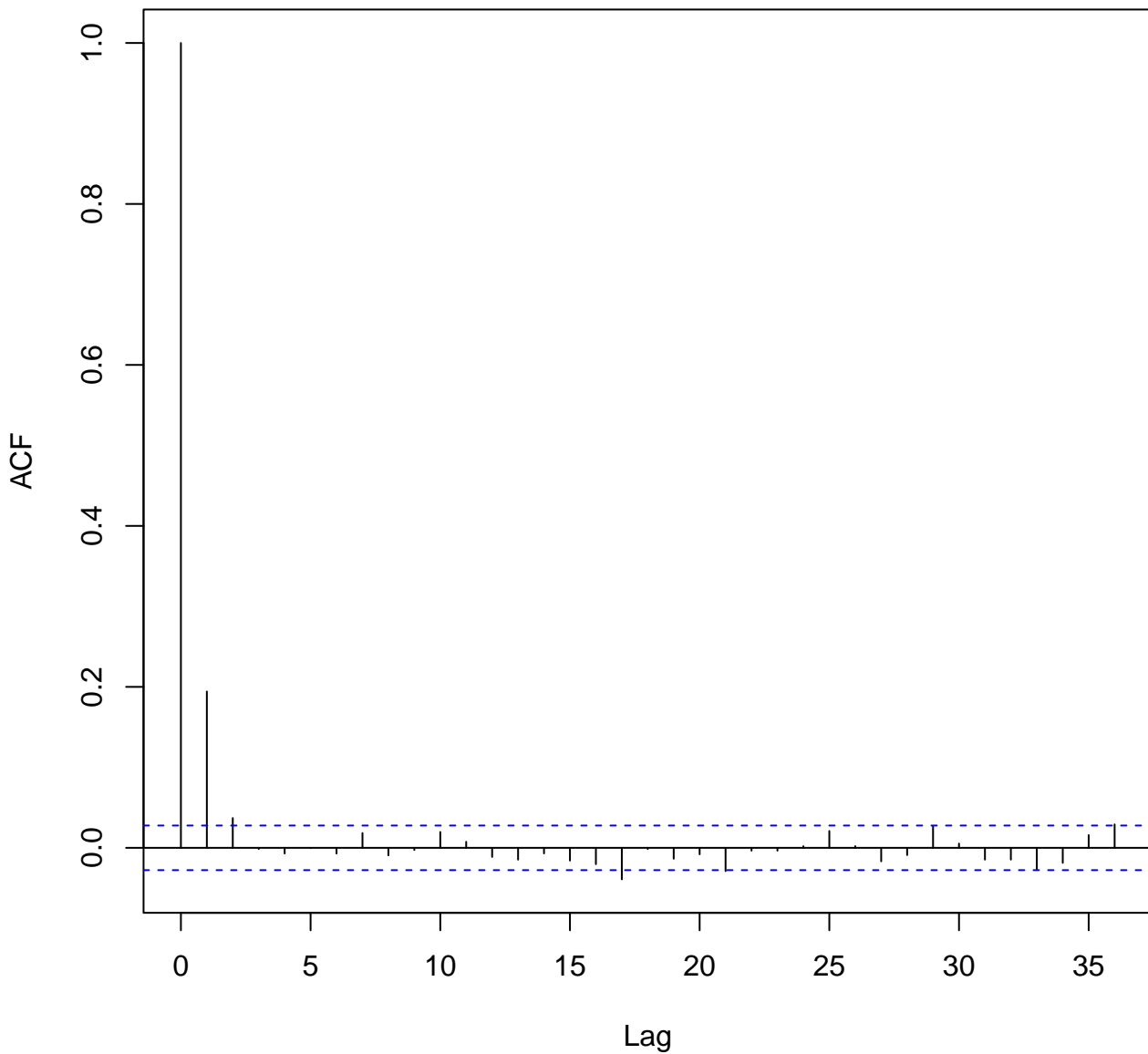
X\_6 chain 4



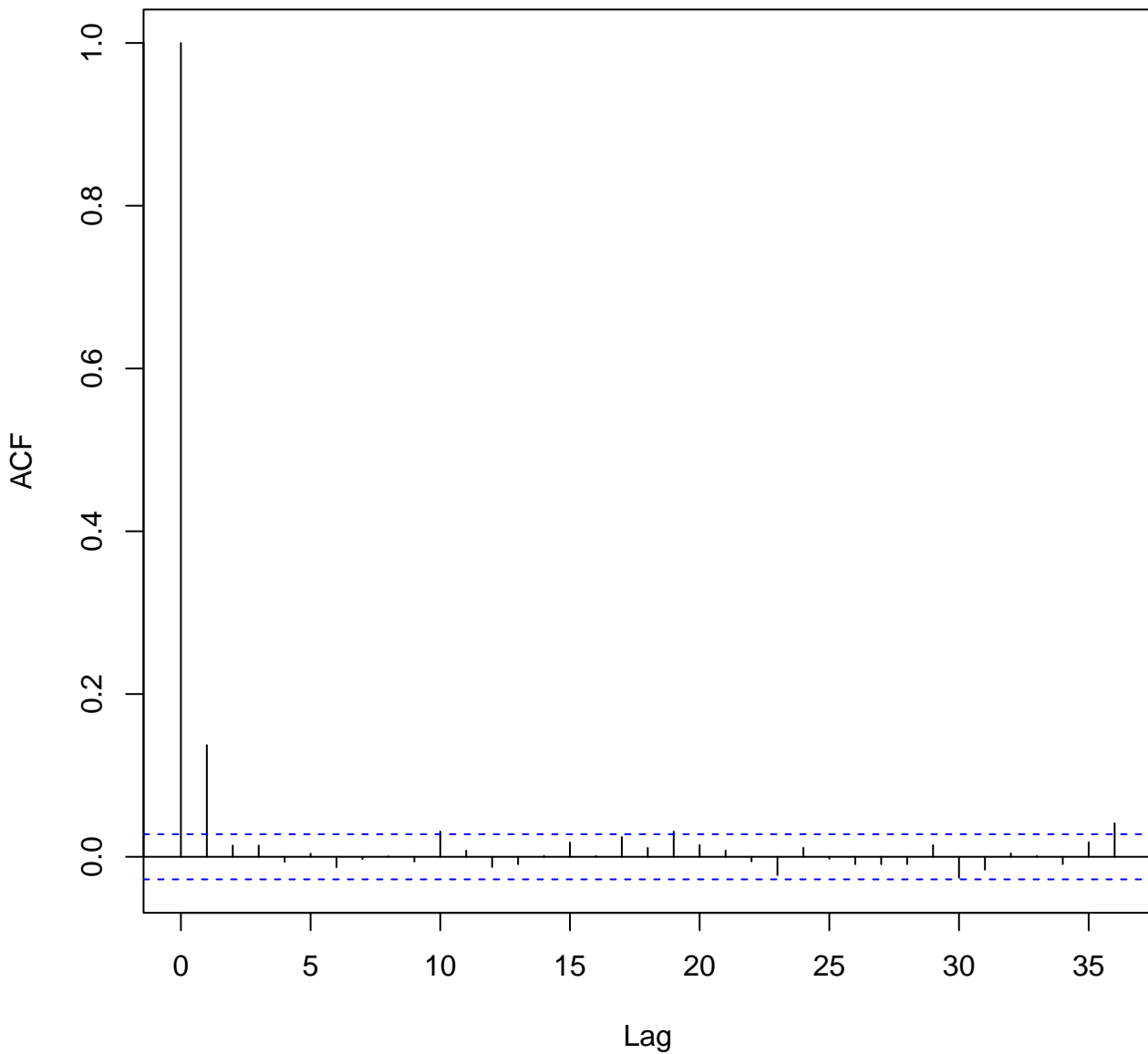
X\_6 chain 5



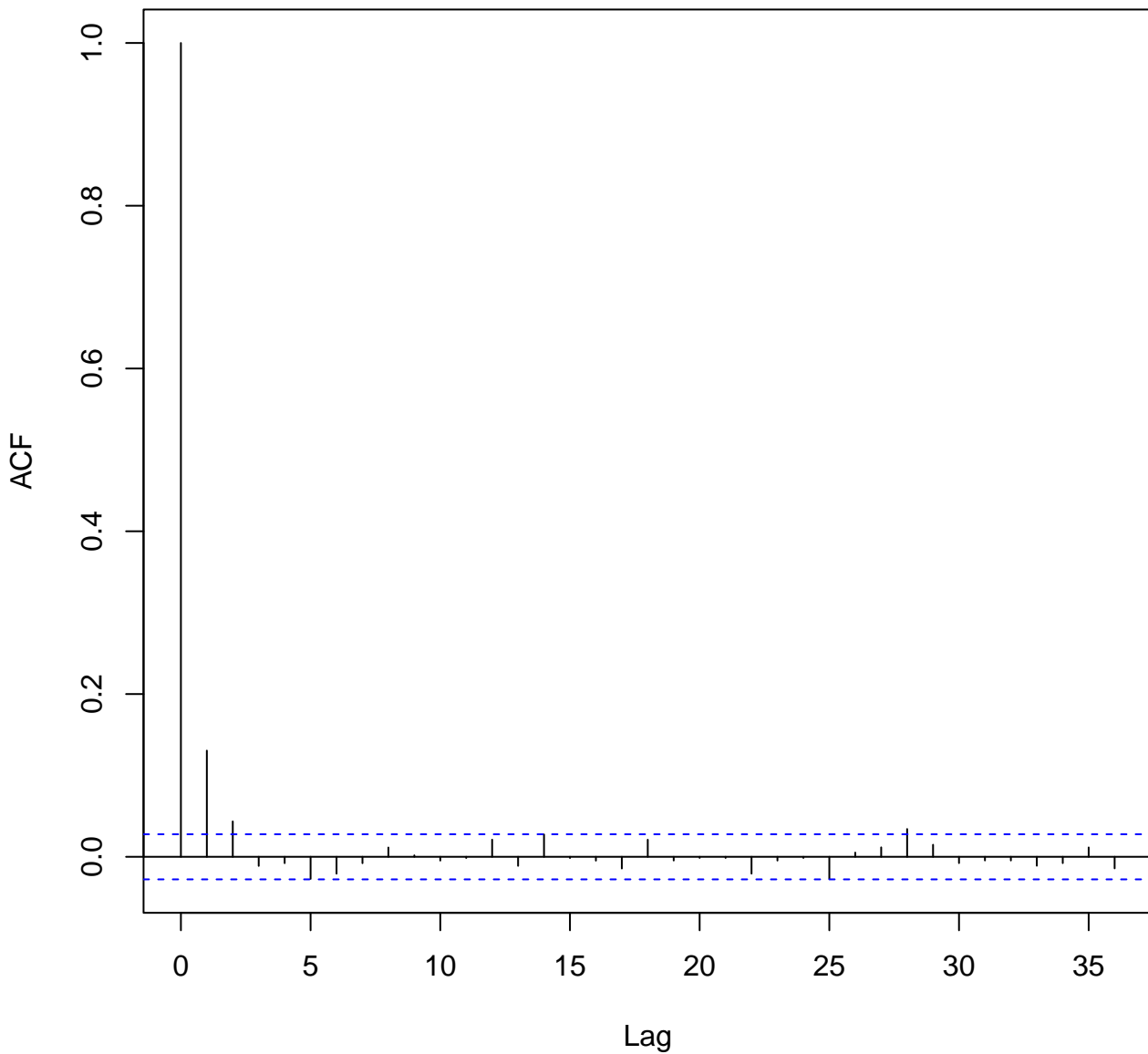
X\_6 chain 6



## X\_7 chain 1

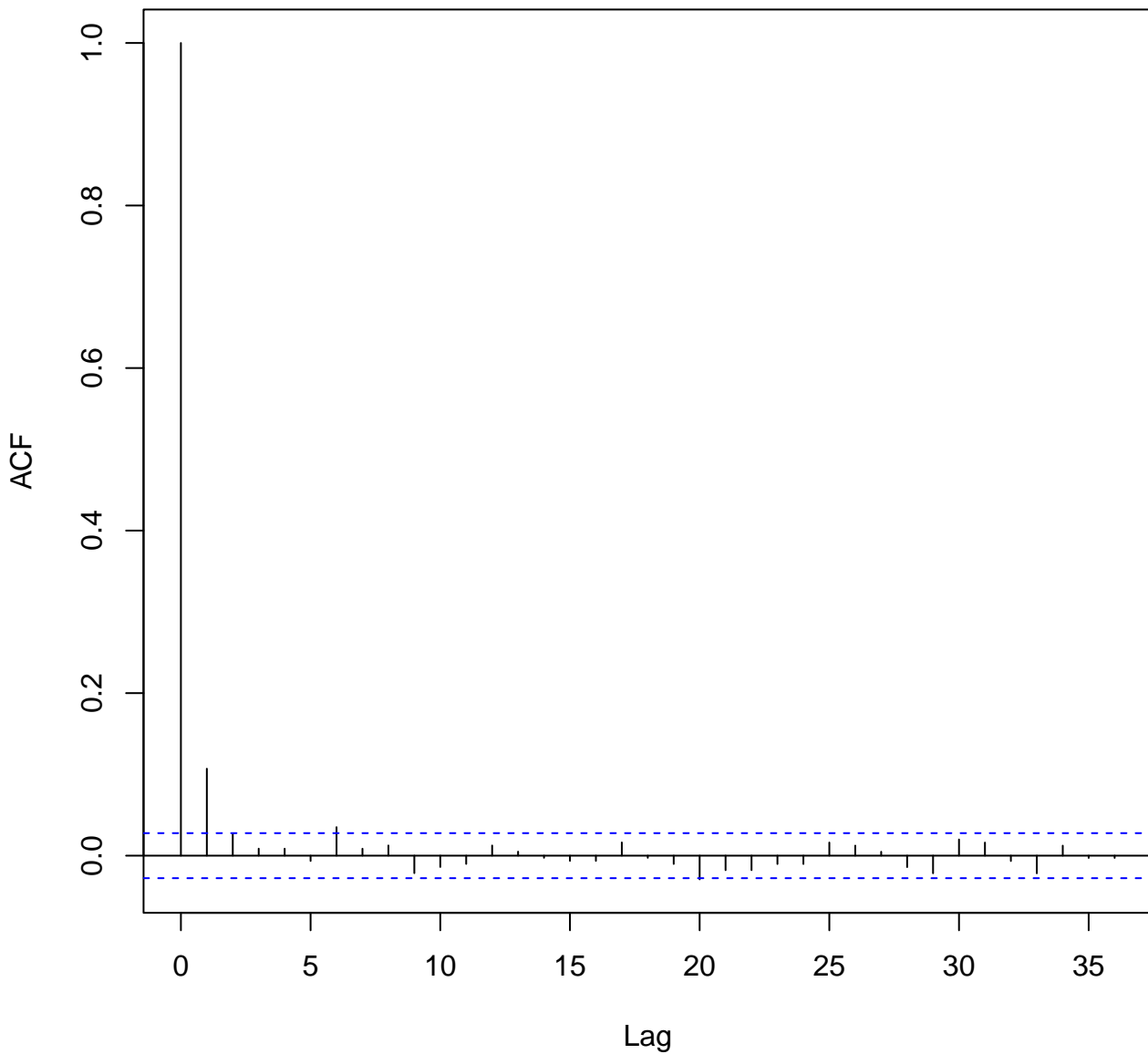


# X\_7 chain 2

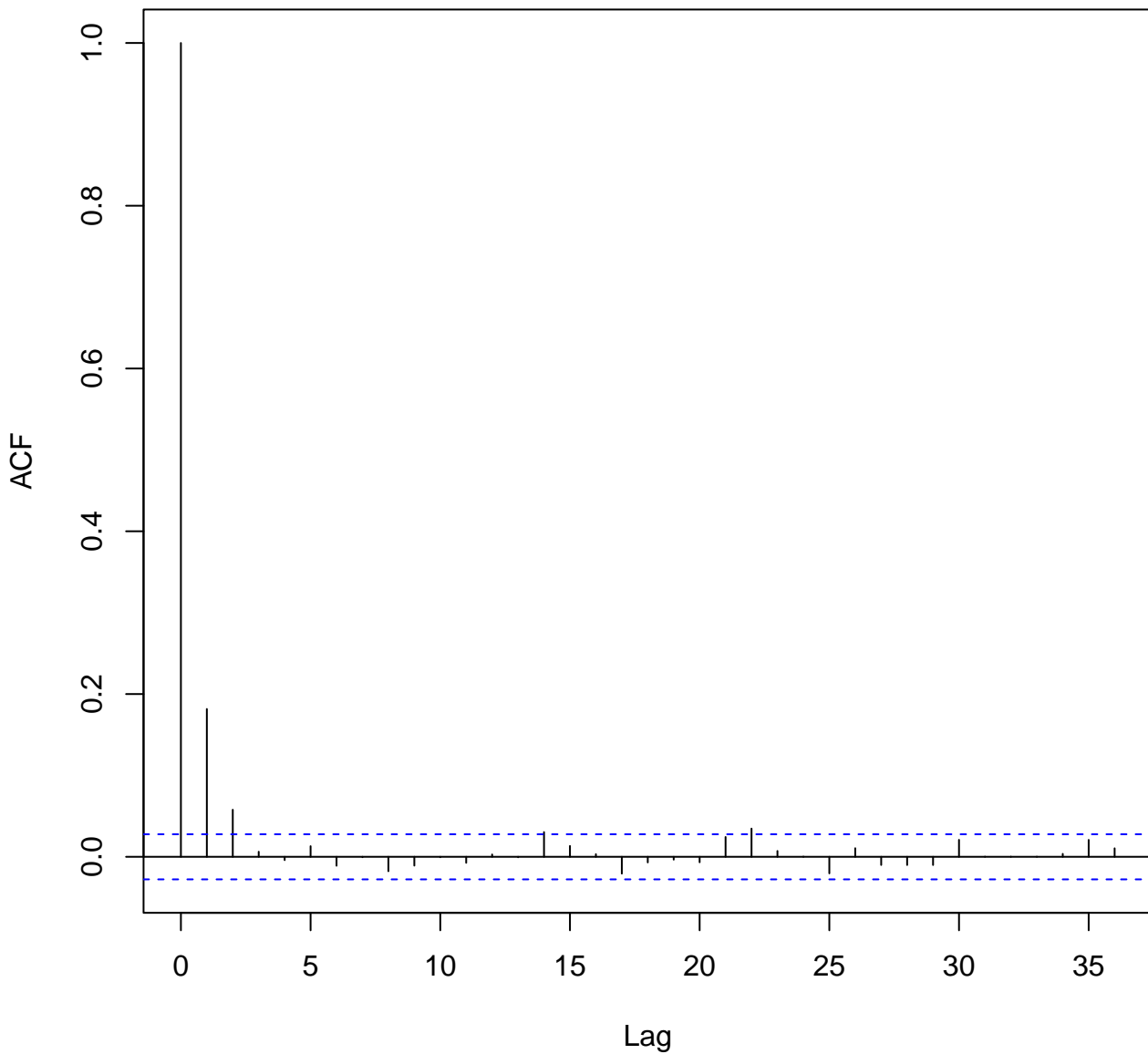




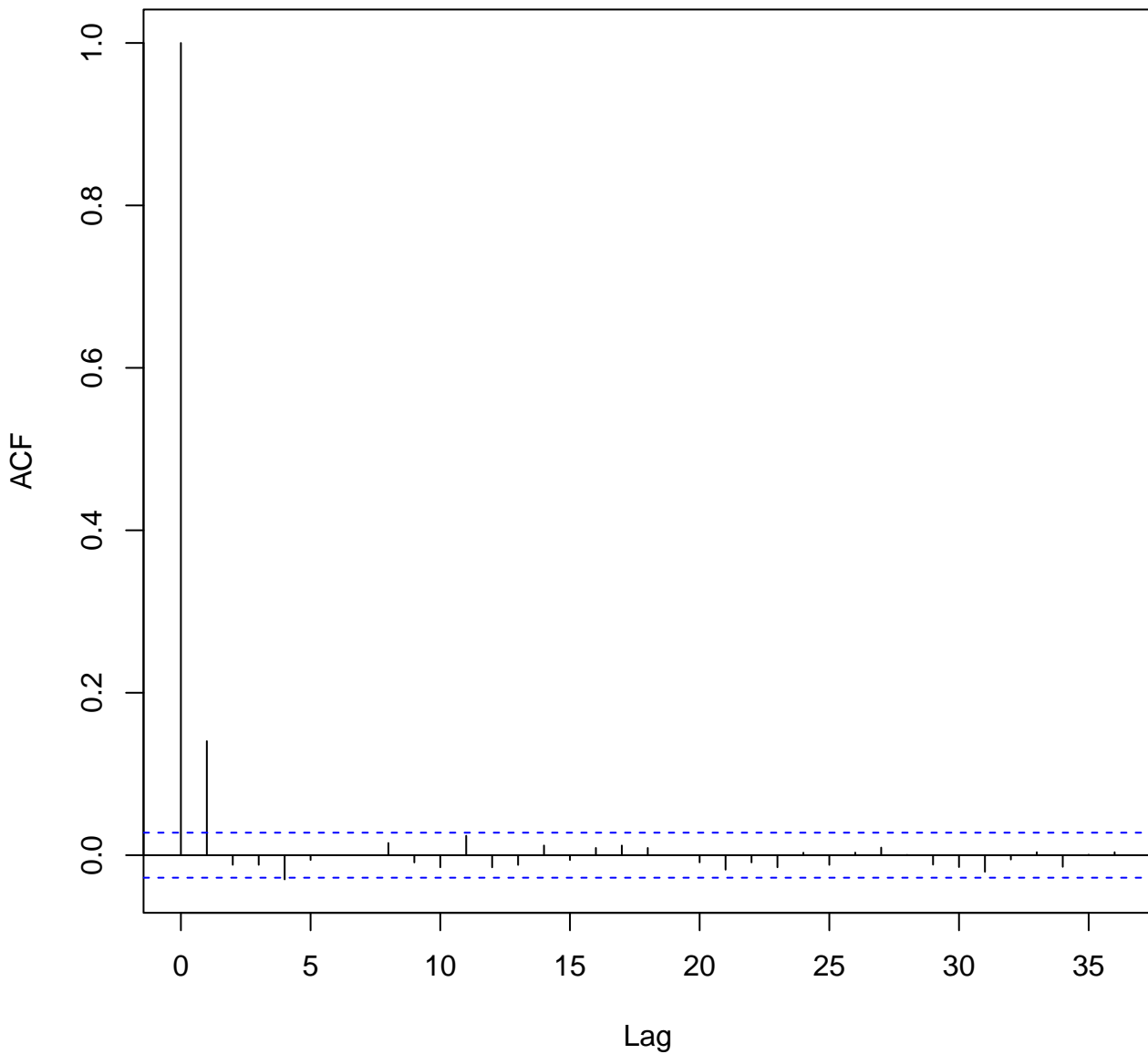
X\_7 chain 3



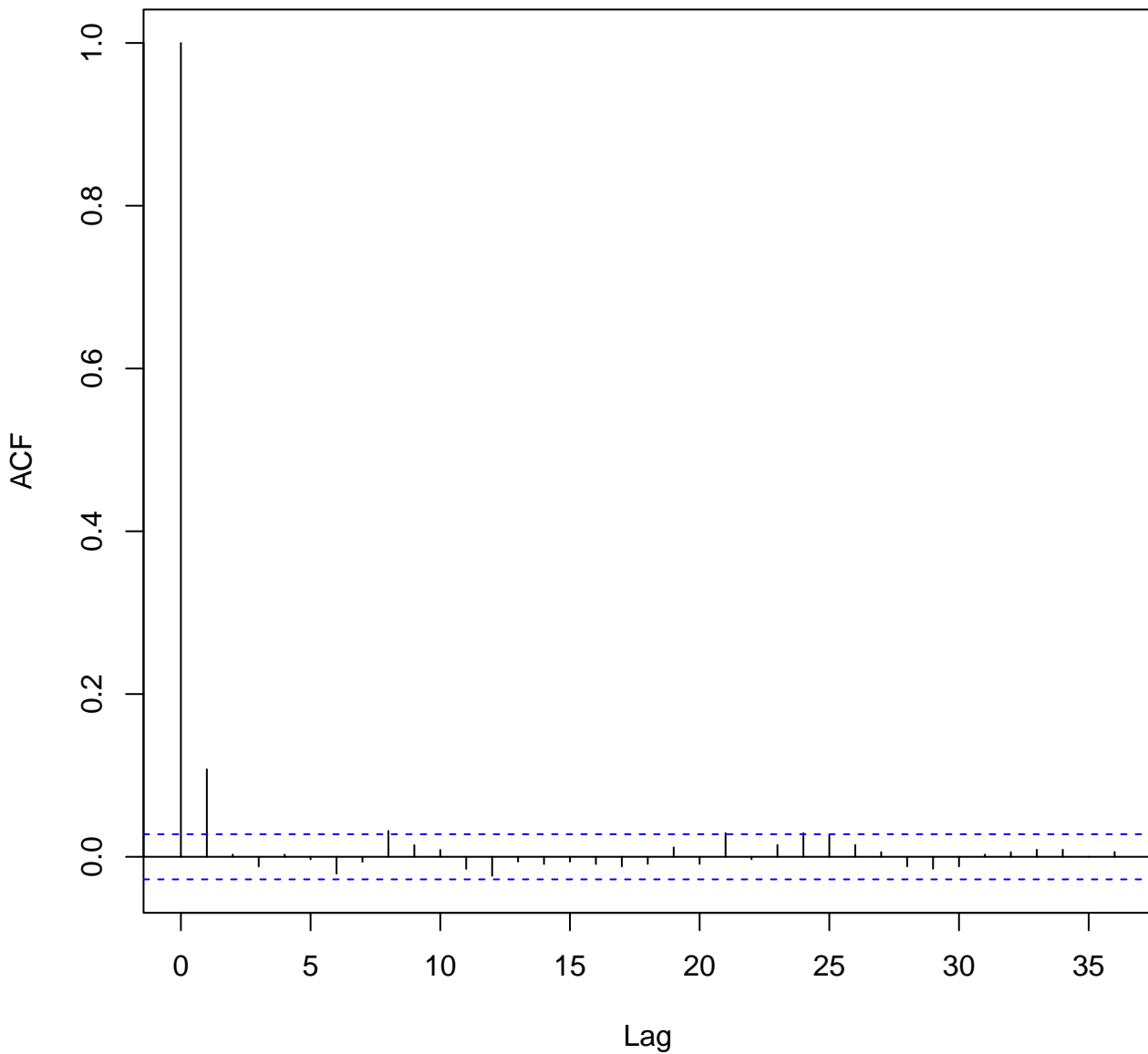
X\_7 chain 4



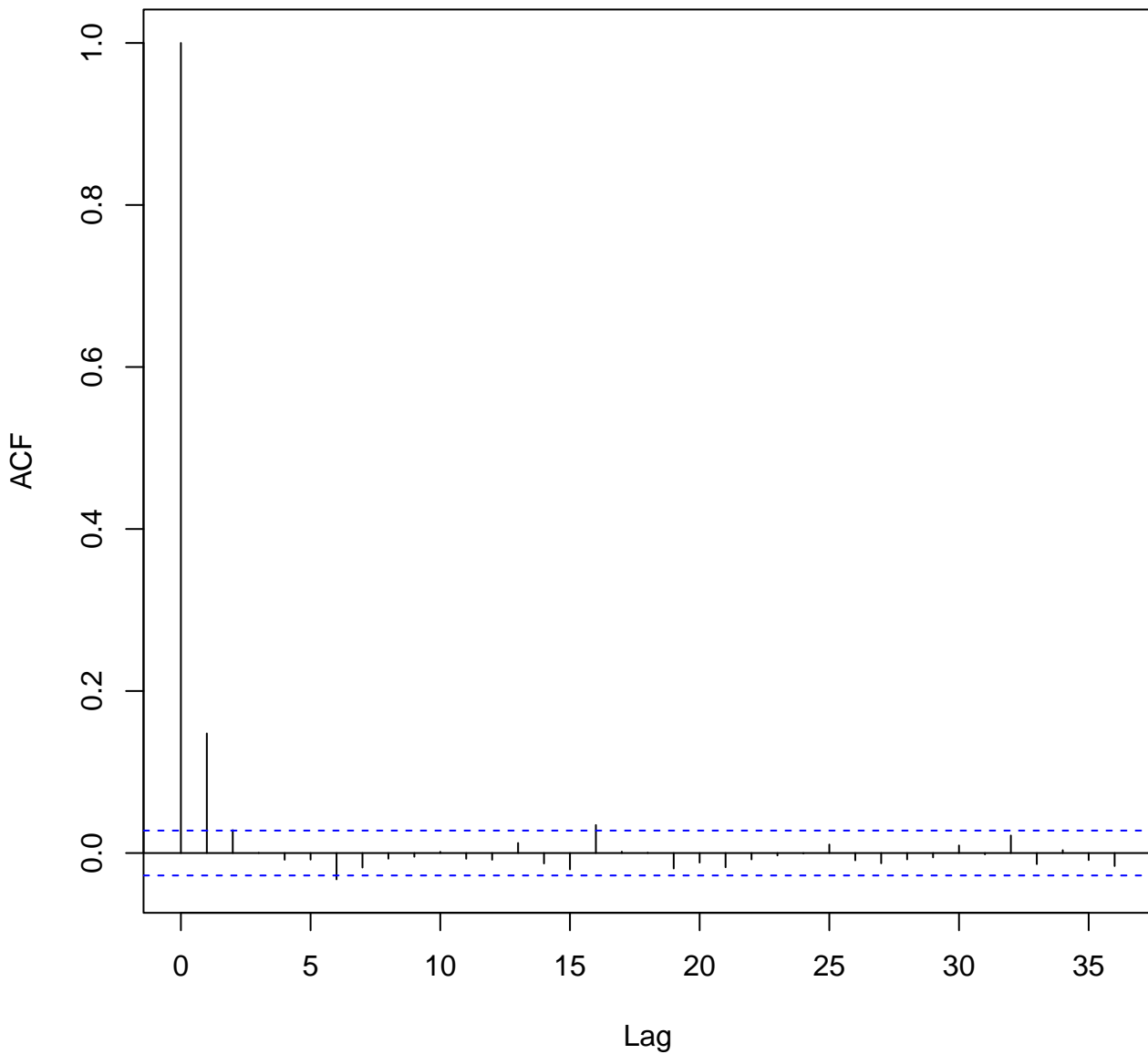
X\_7 chain 5



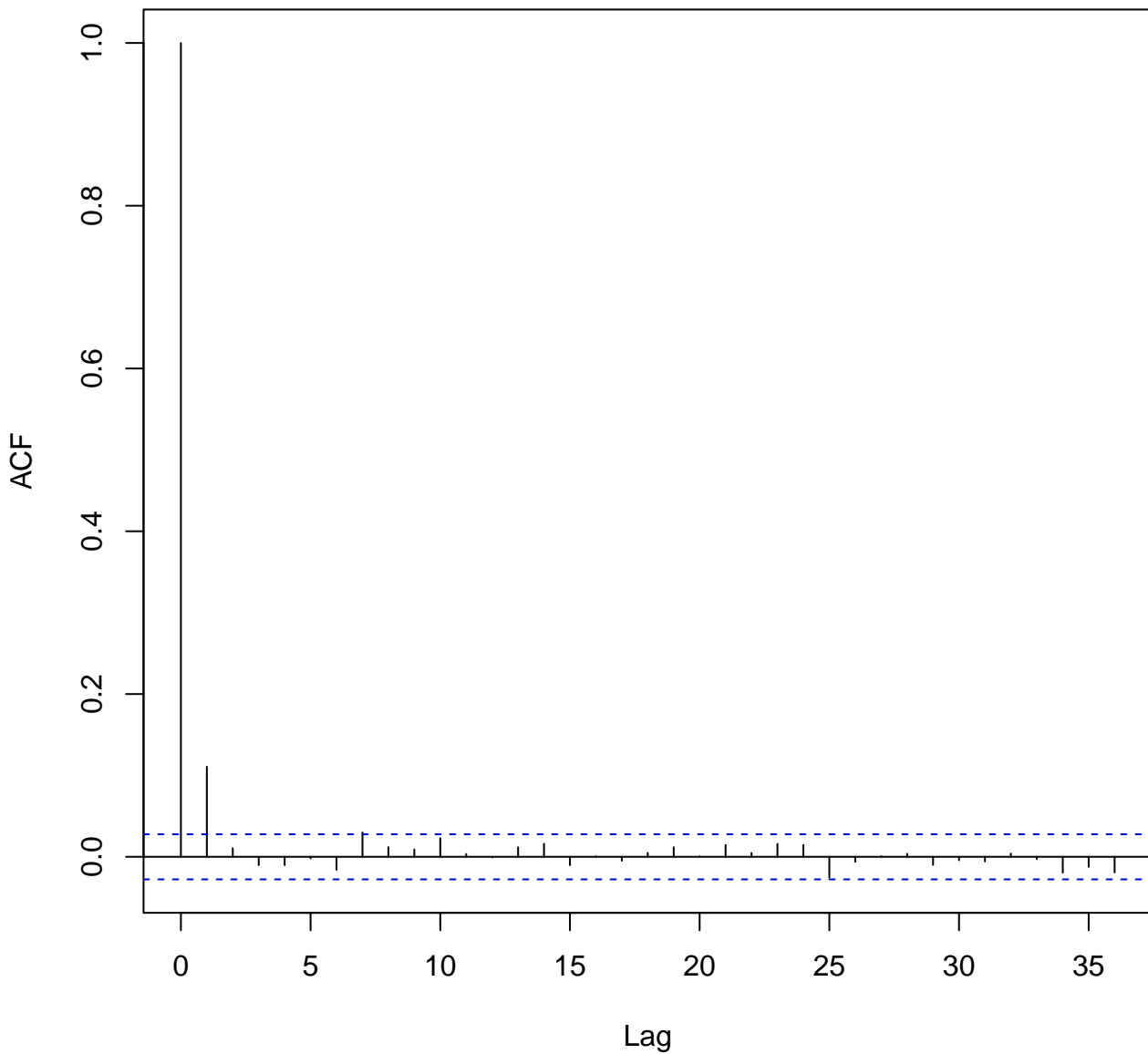
X\_7 chain 6



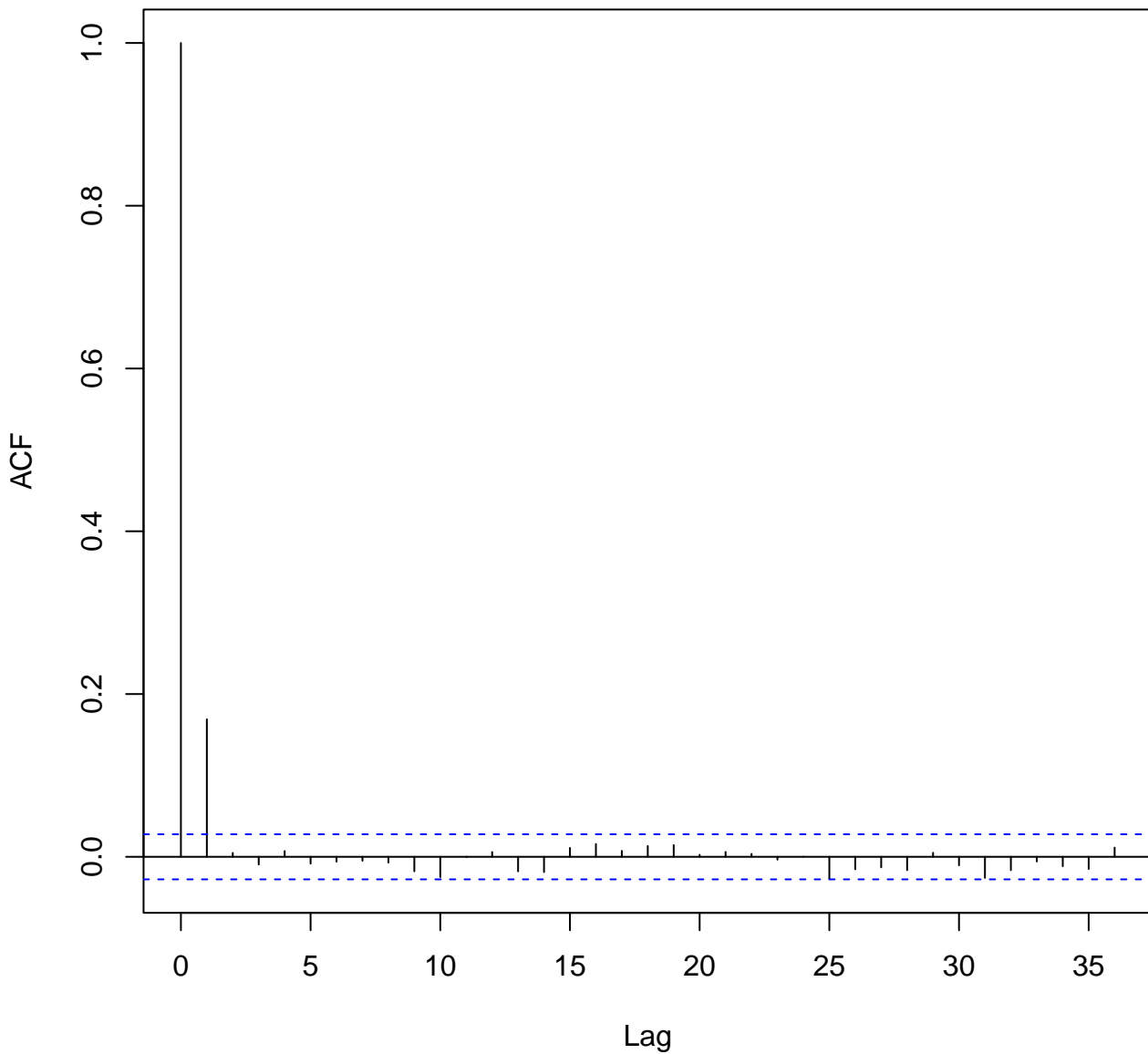
X\_8 chain 1



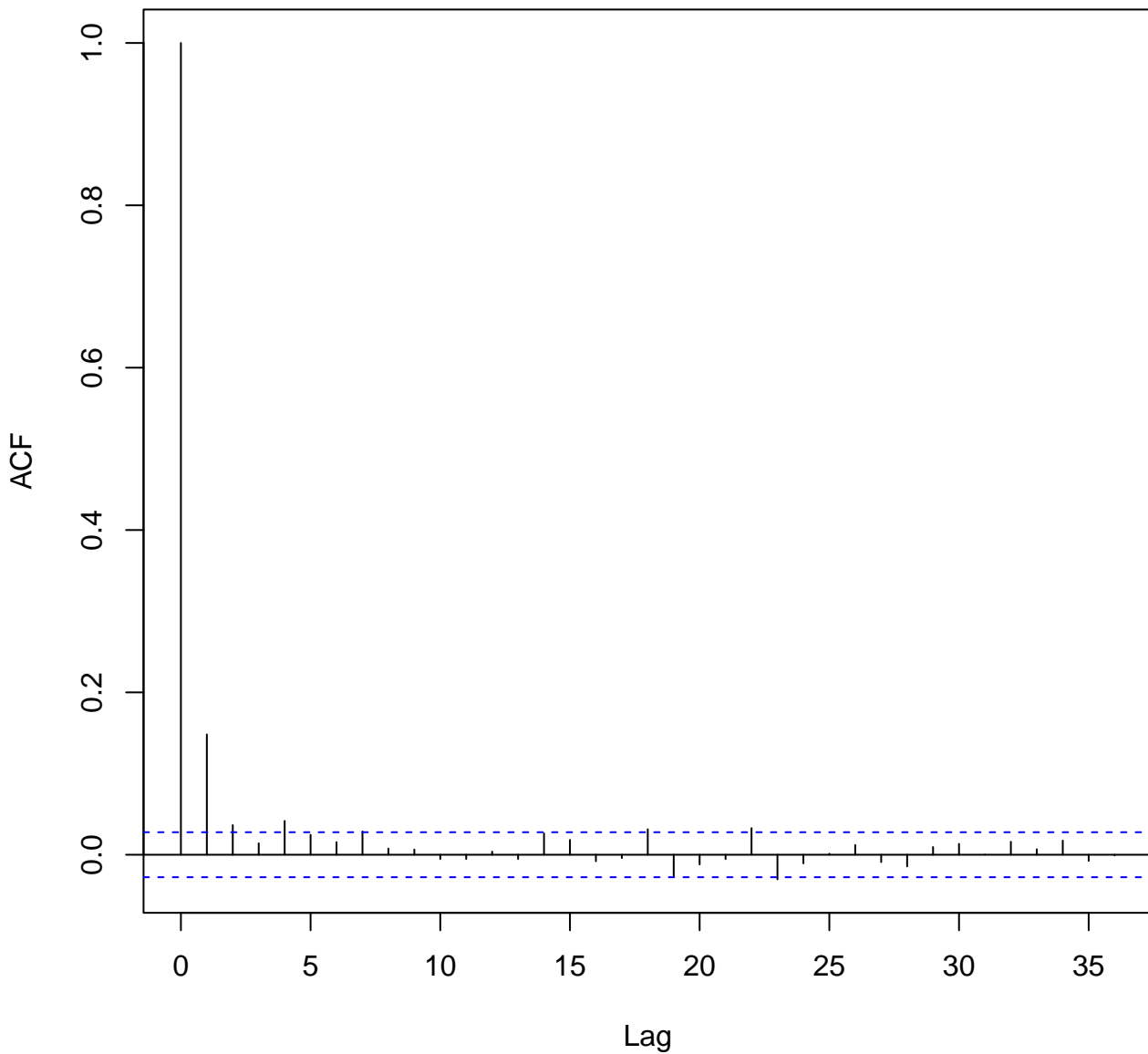
**X\_8 chain 2**



**X\_8 chain 3**

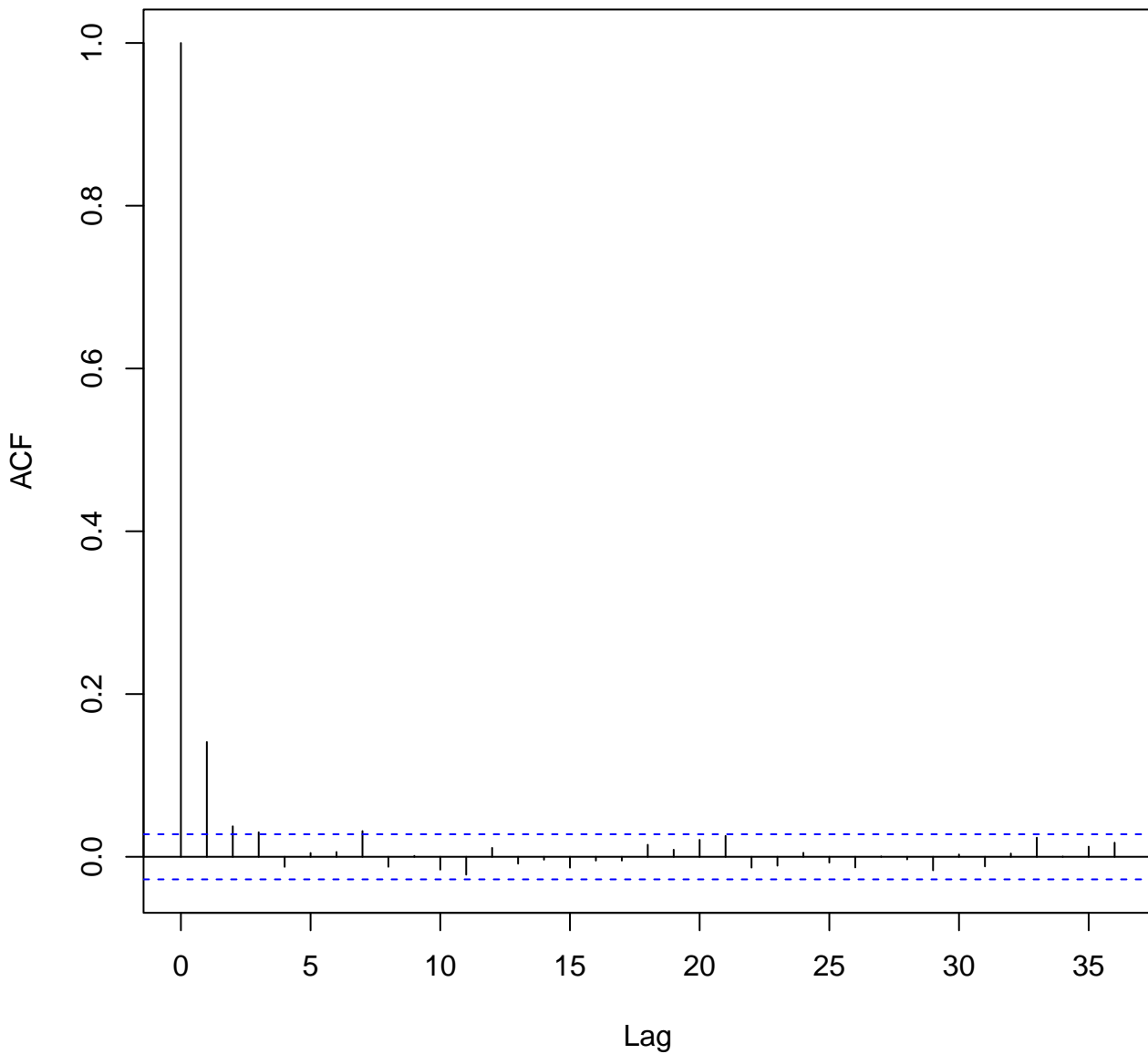


X\_8 chain 4

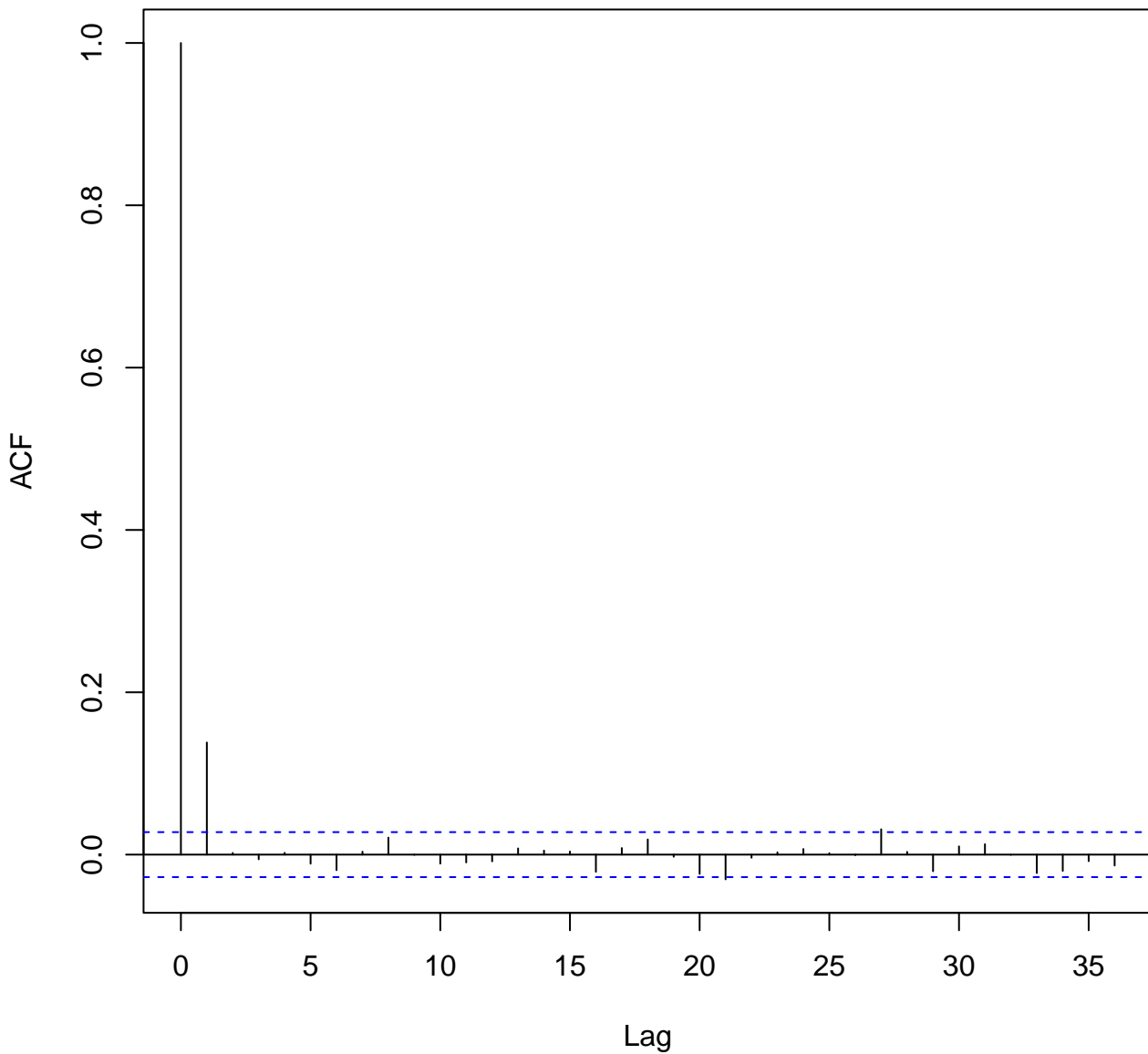




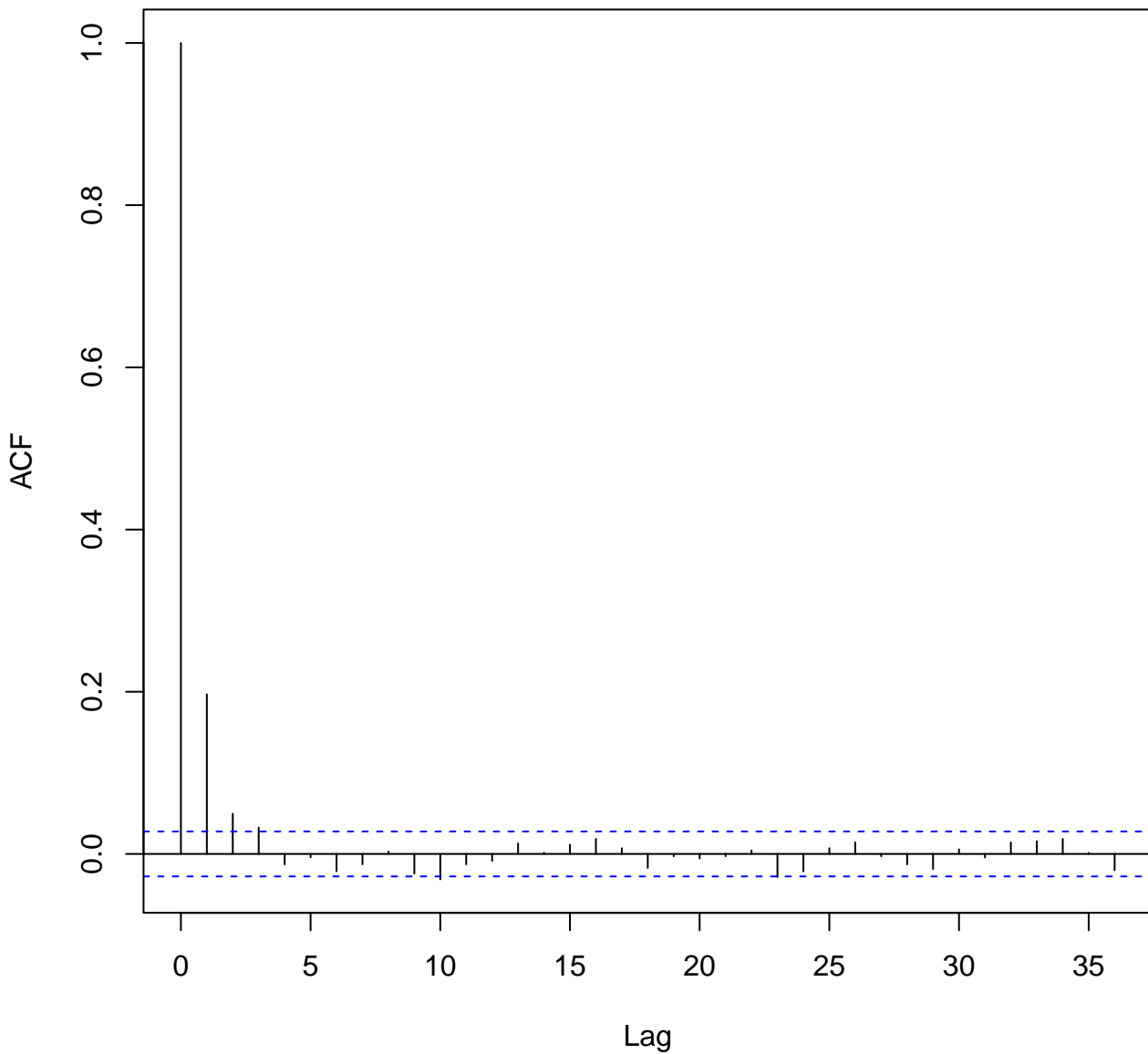
**X\_8 chain 5**



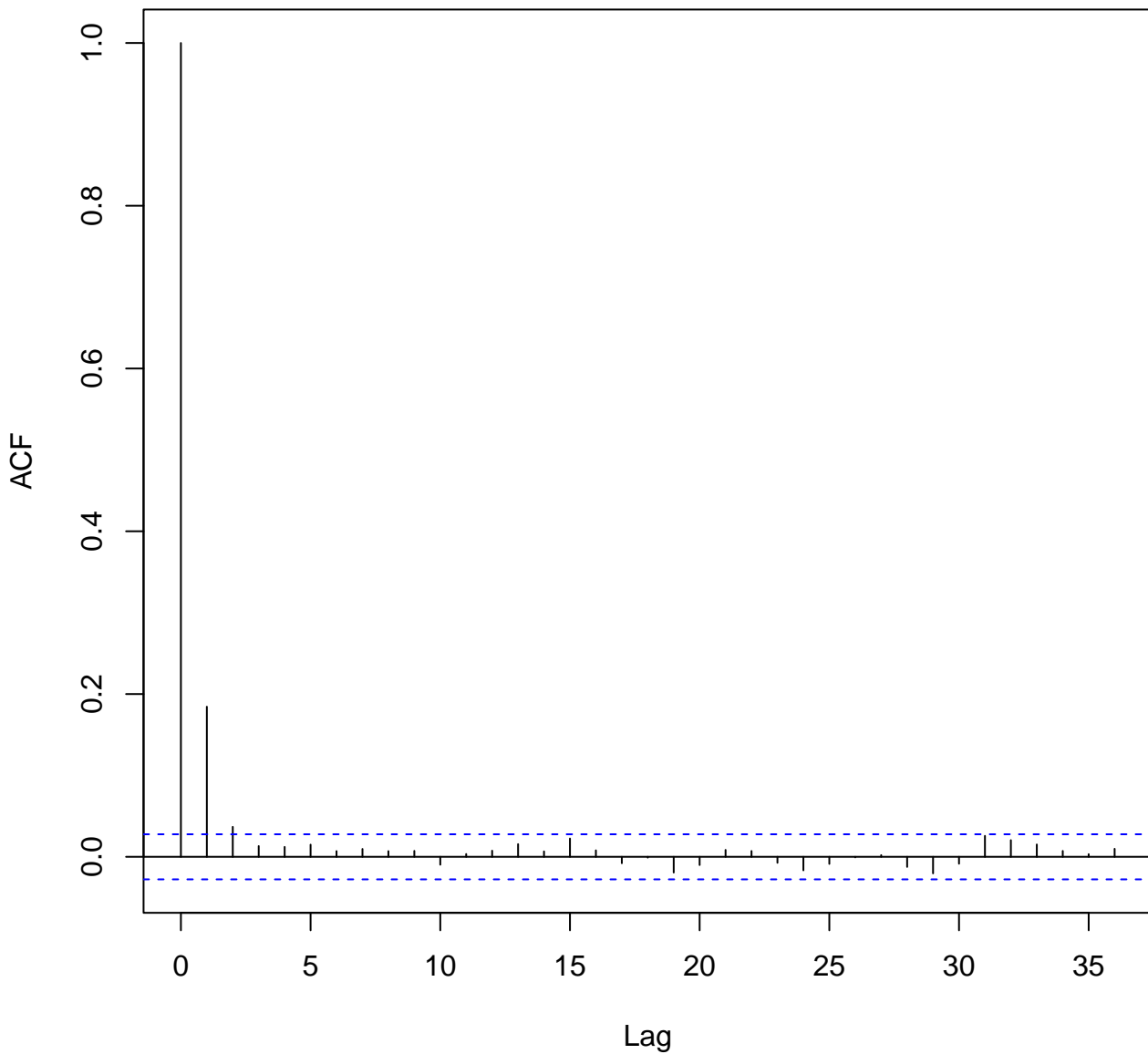
**X\_8 chain 6**



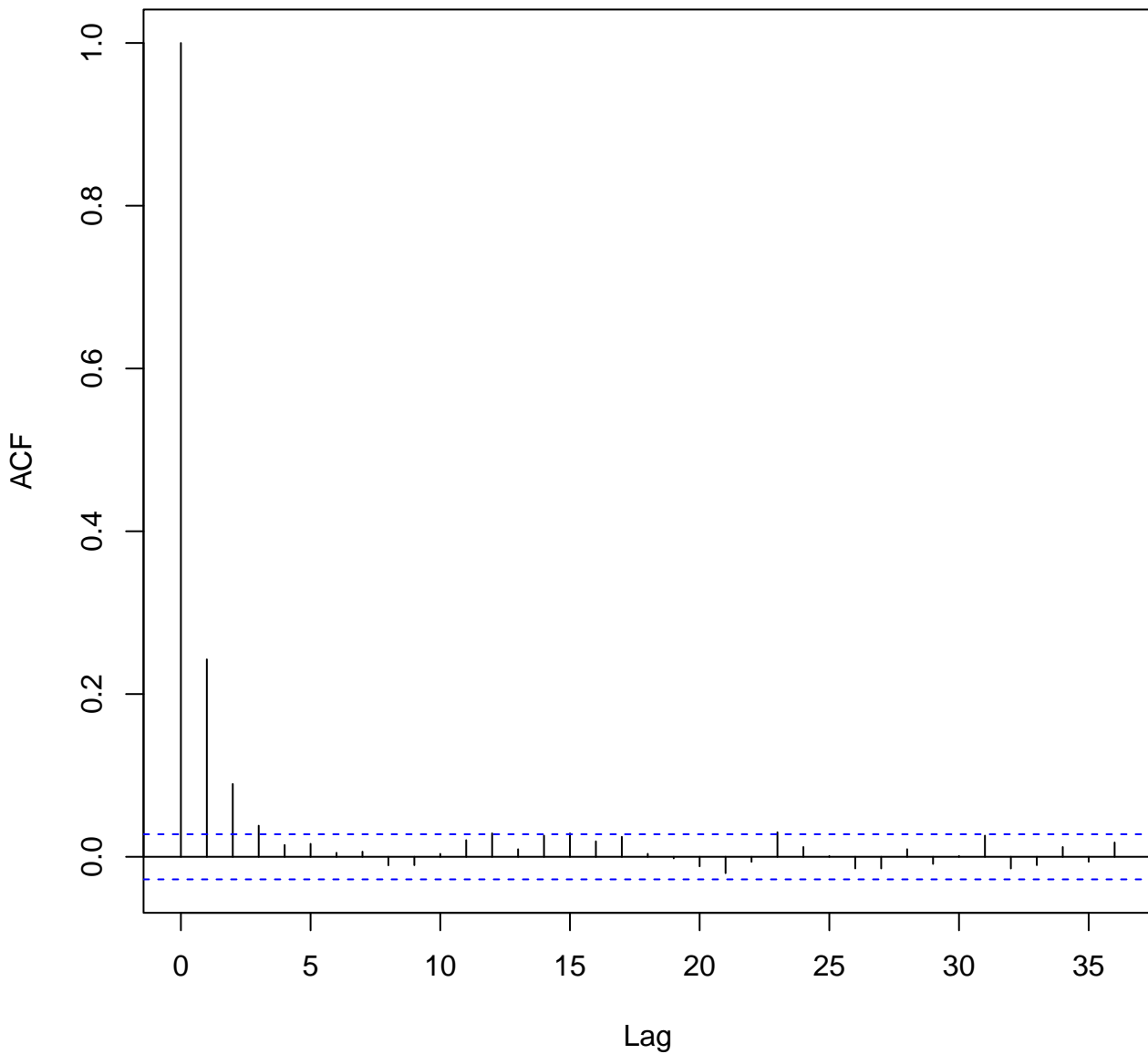
X\_9 chain 1



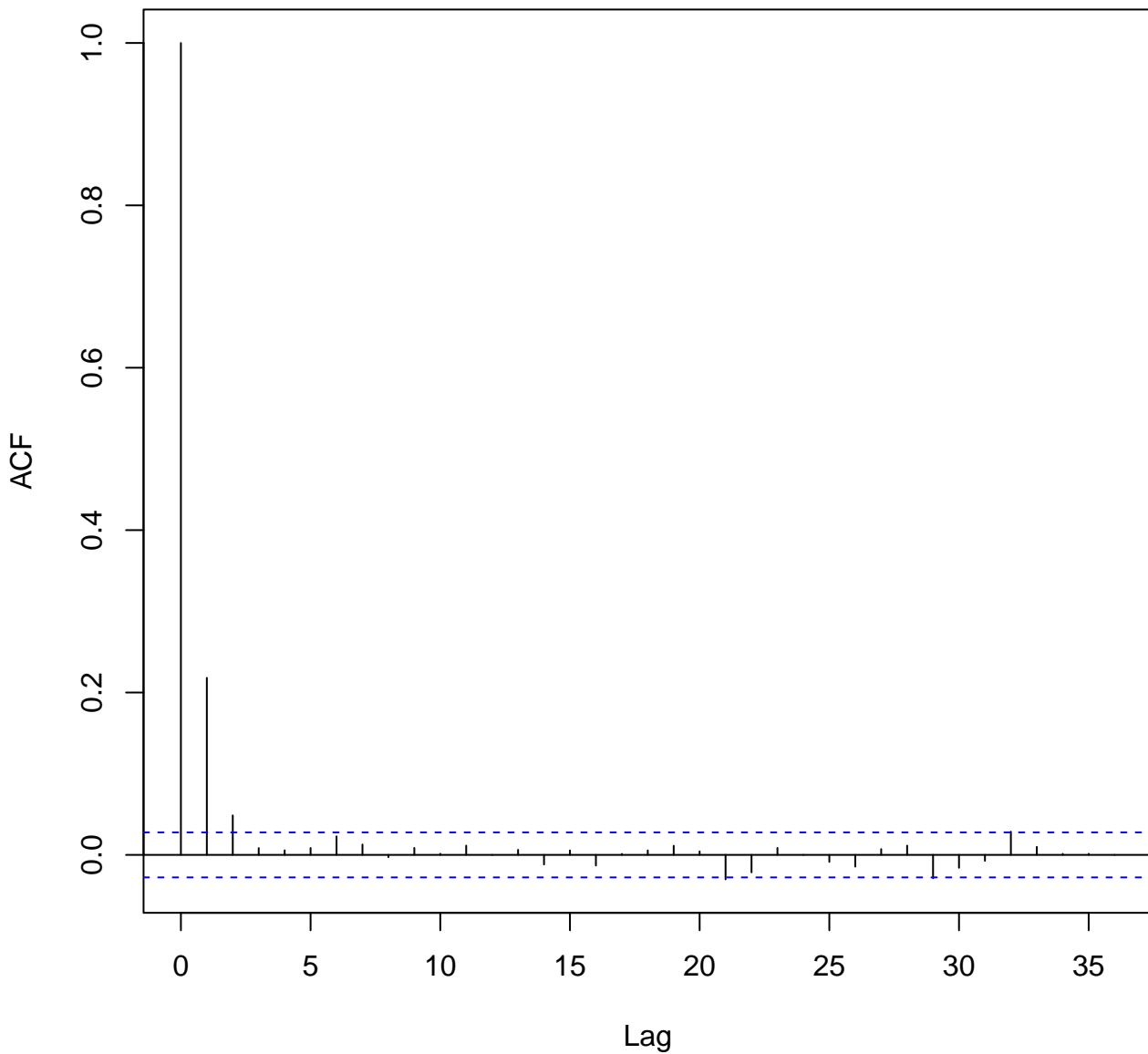
**X\_9 chain 2**



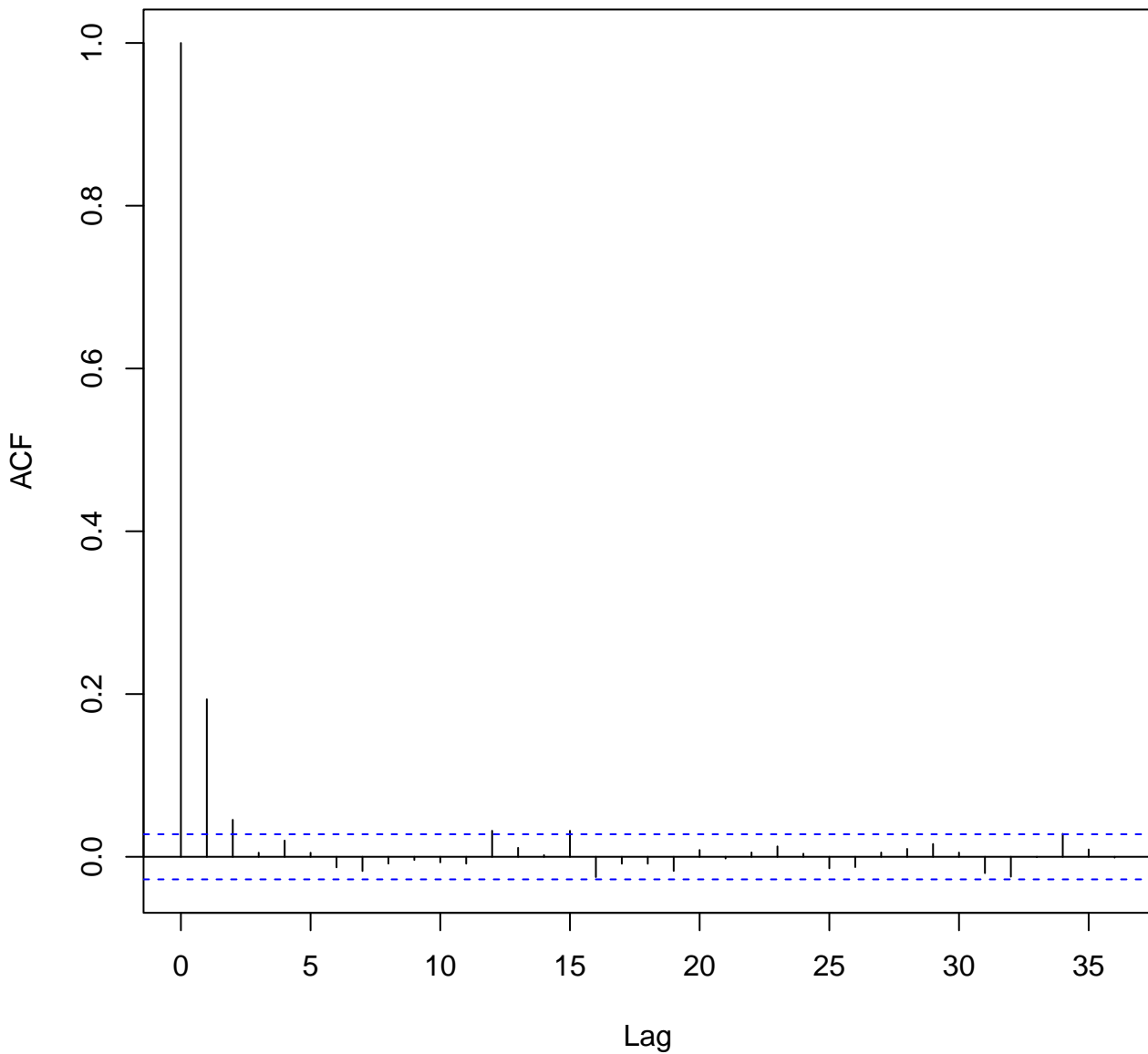
**X\_9 chain 3**



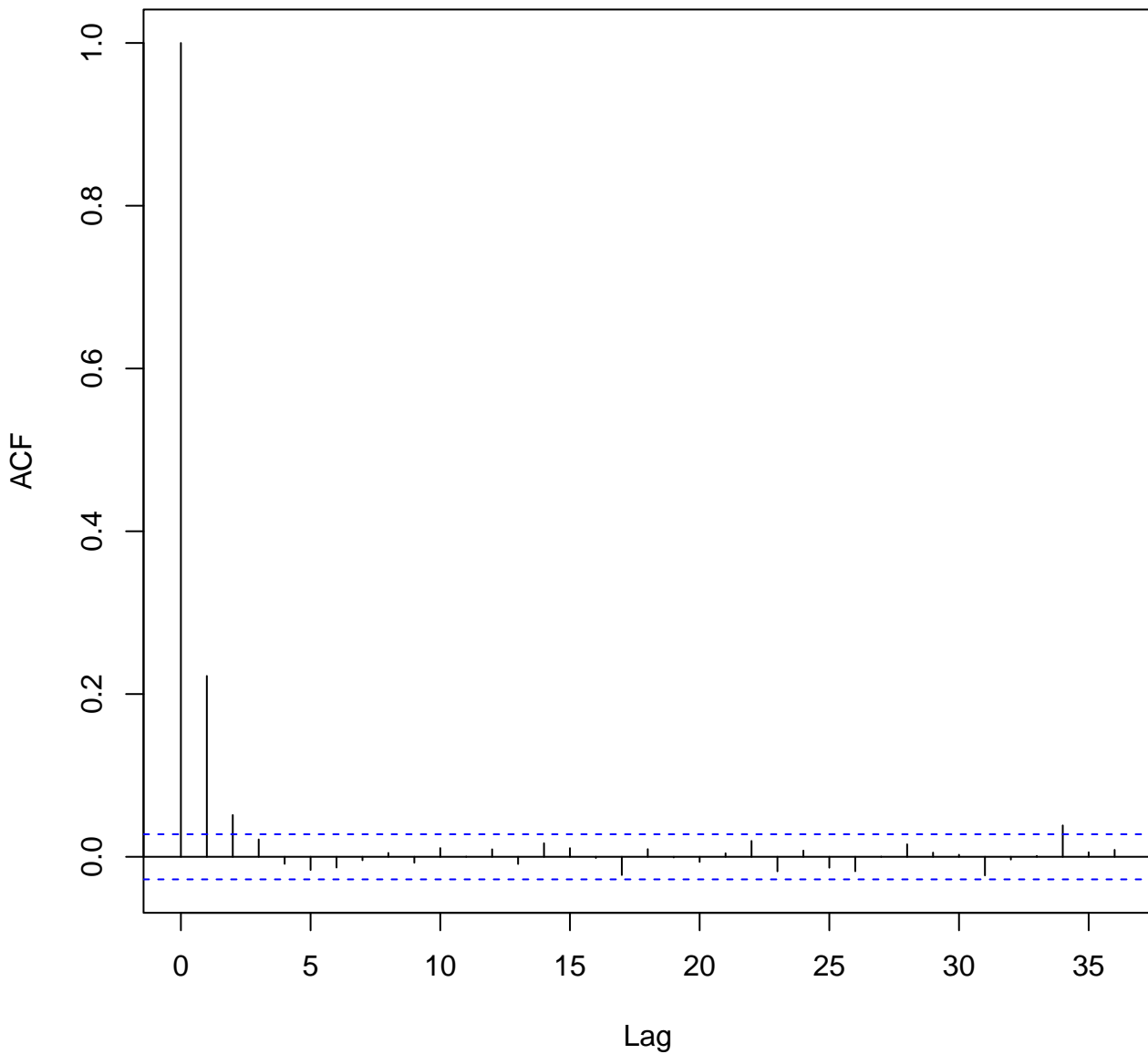
X\_9 chain 4



**X\_9 chain 5**

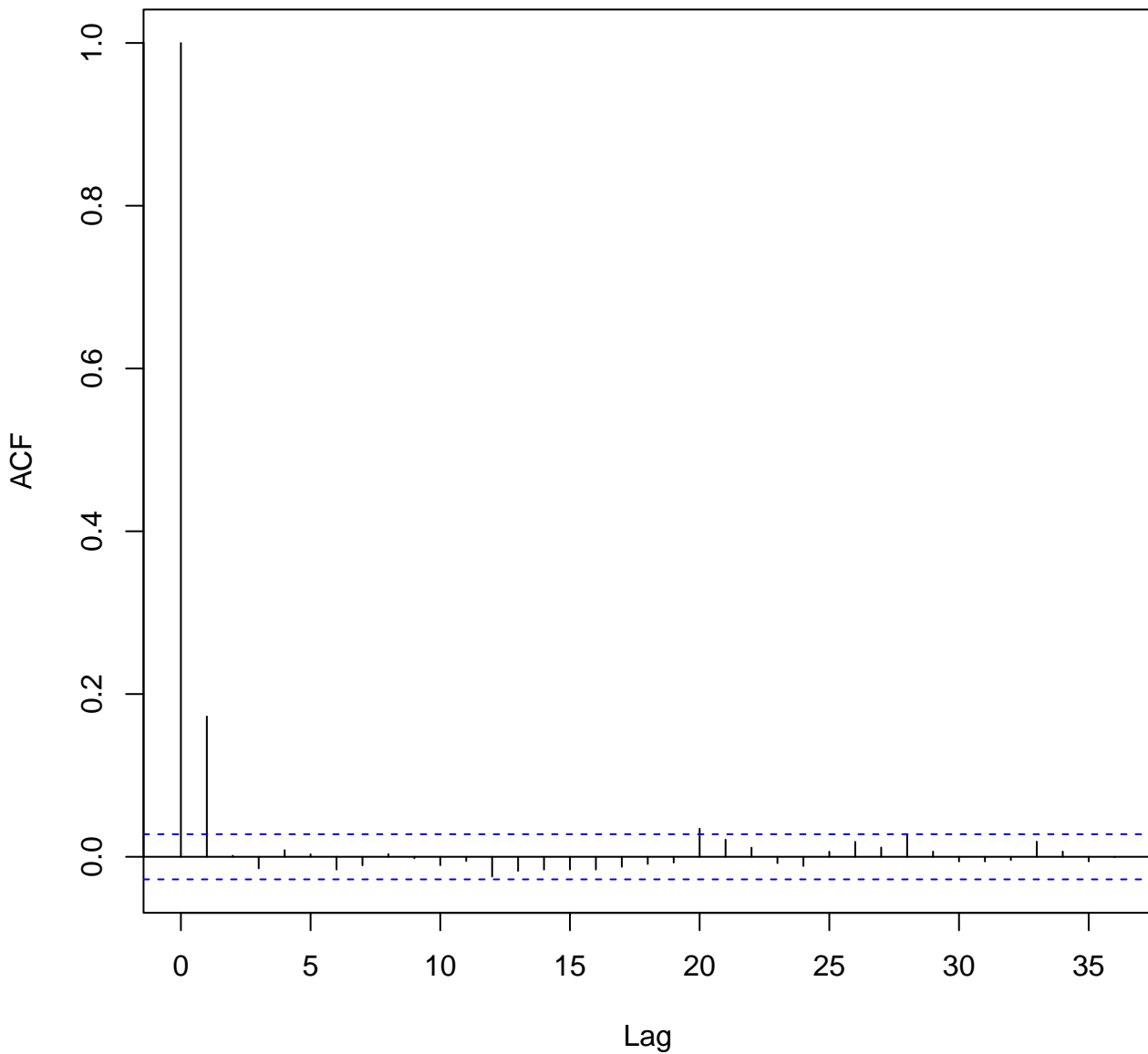


X\_9 chain 6

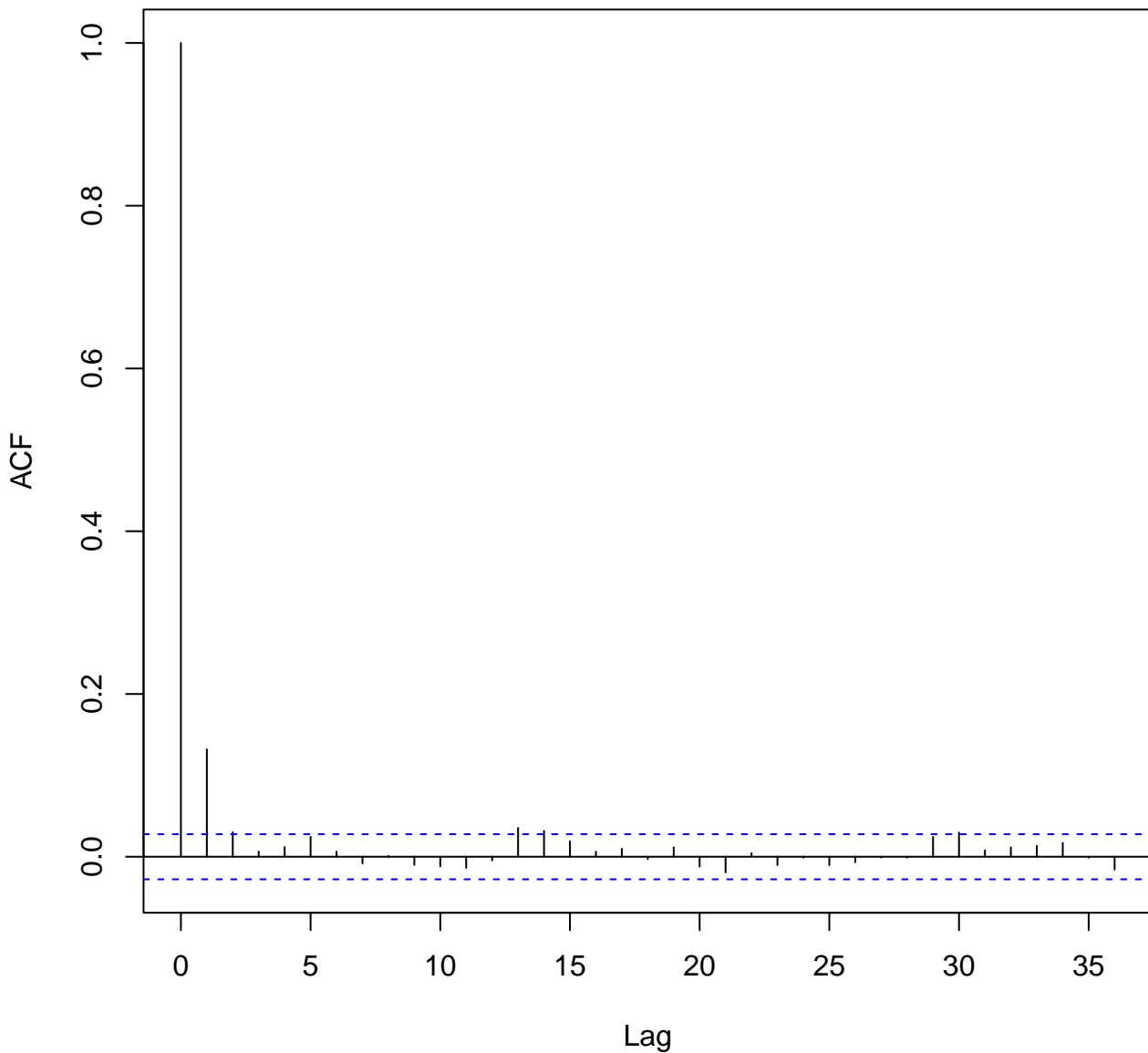




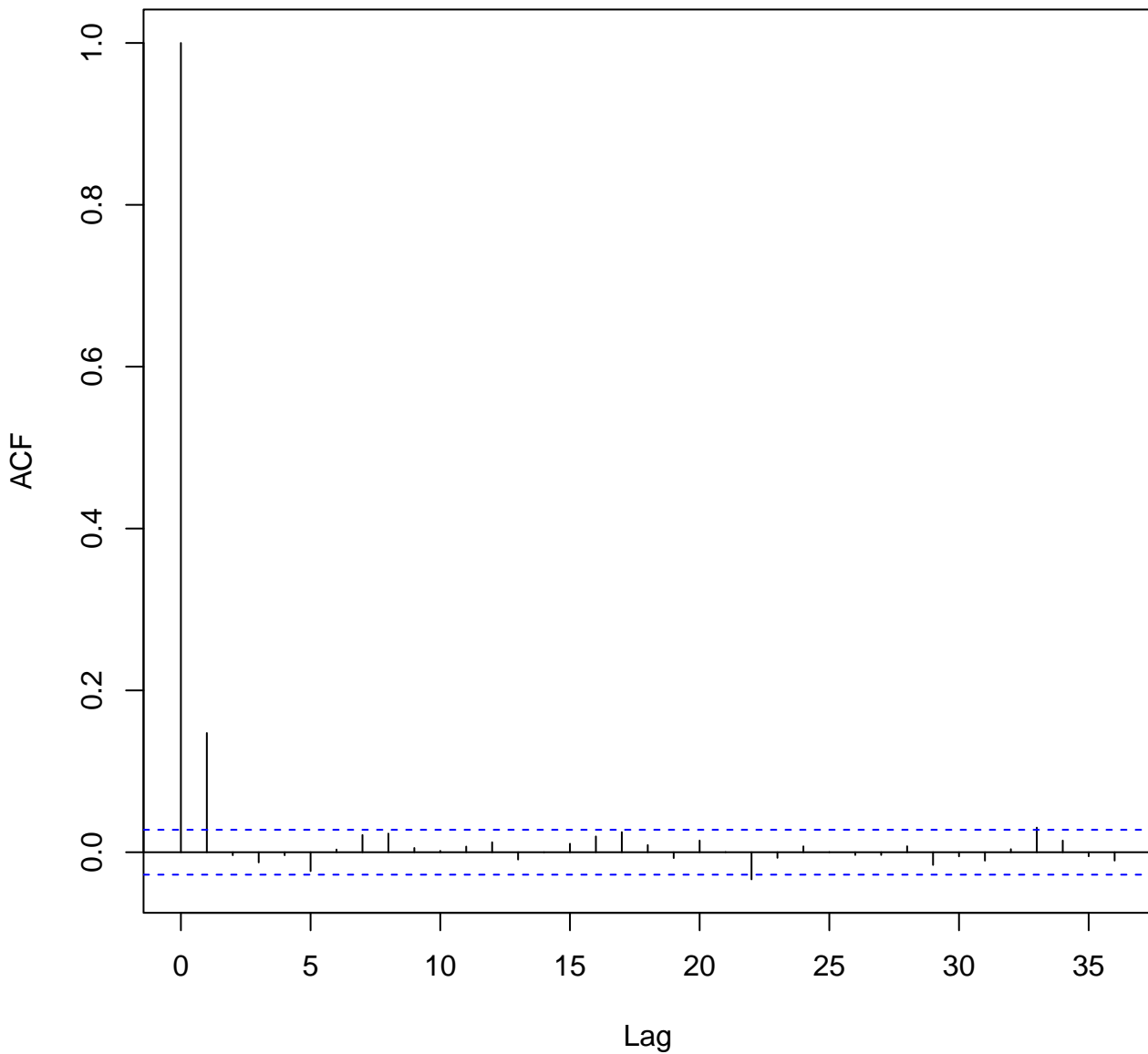
X\_10 chain 1



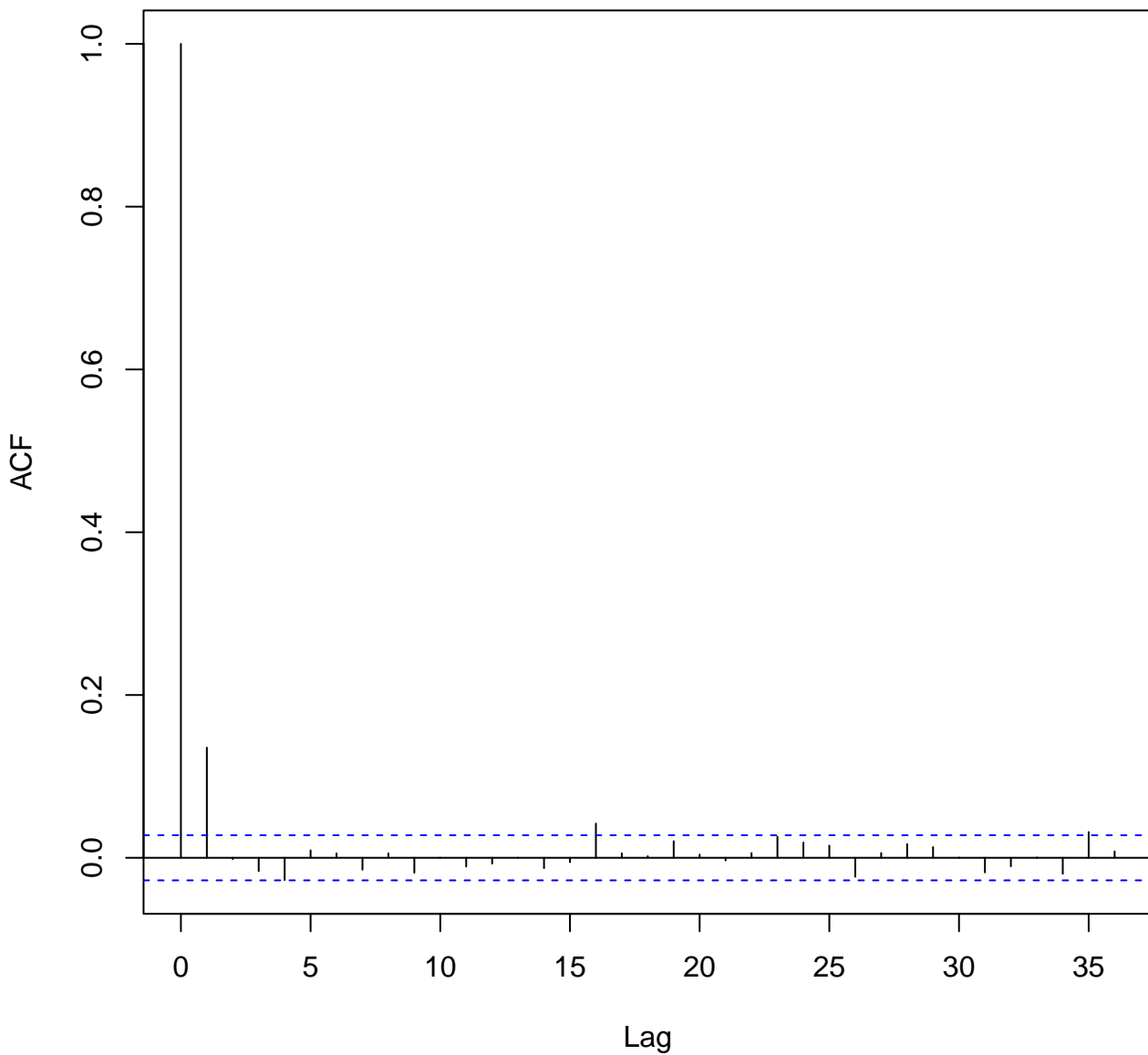
# X\_10 chain 2



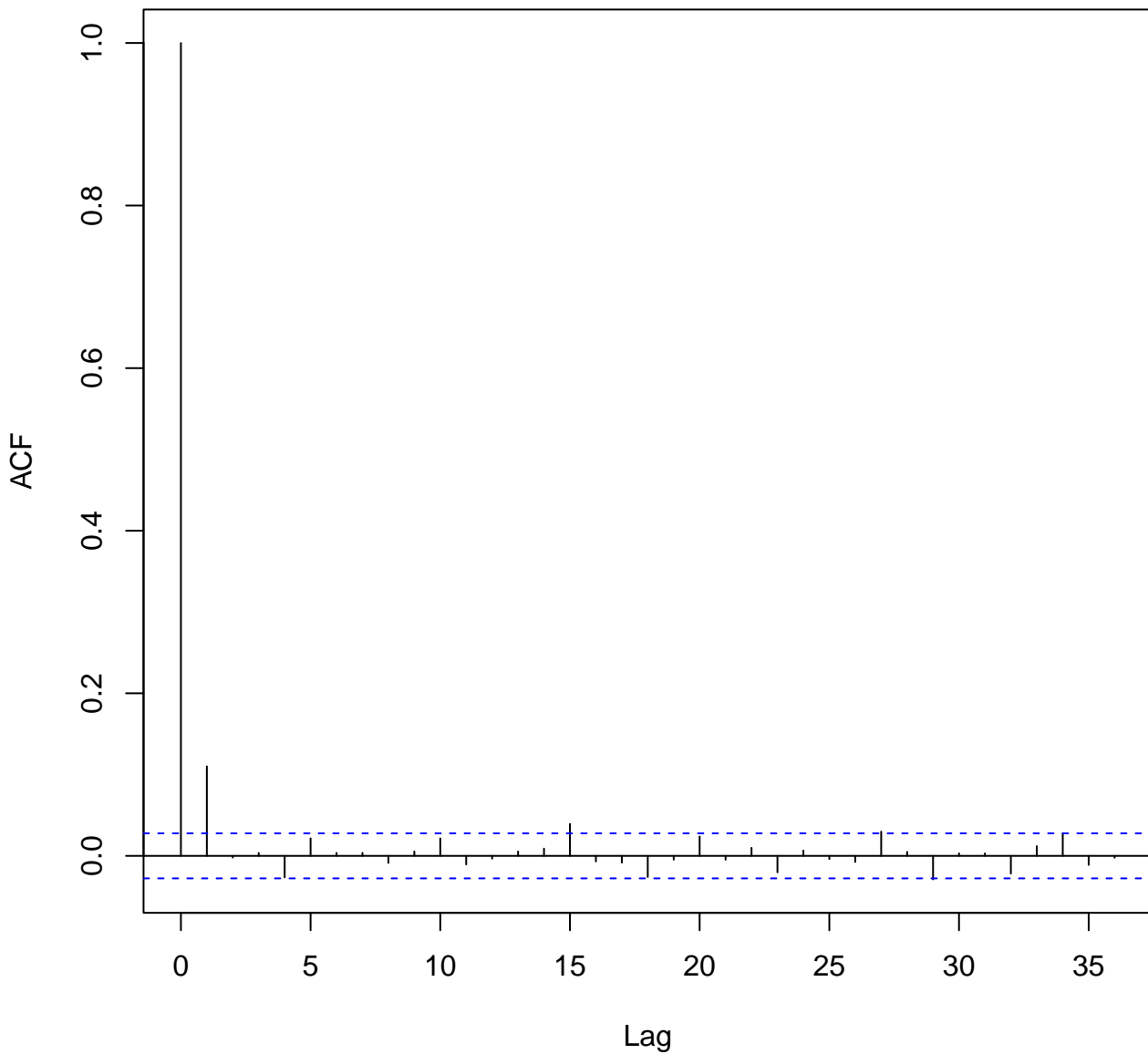
**X\_10 chain 3**



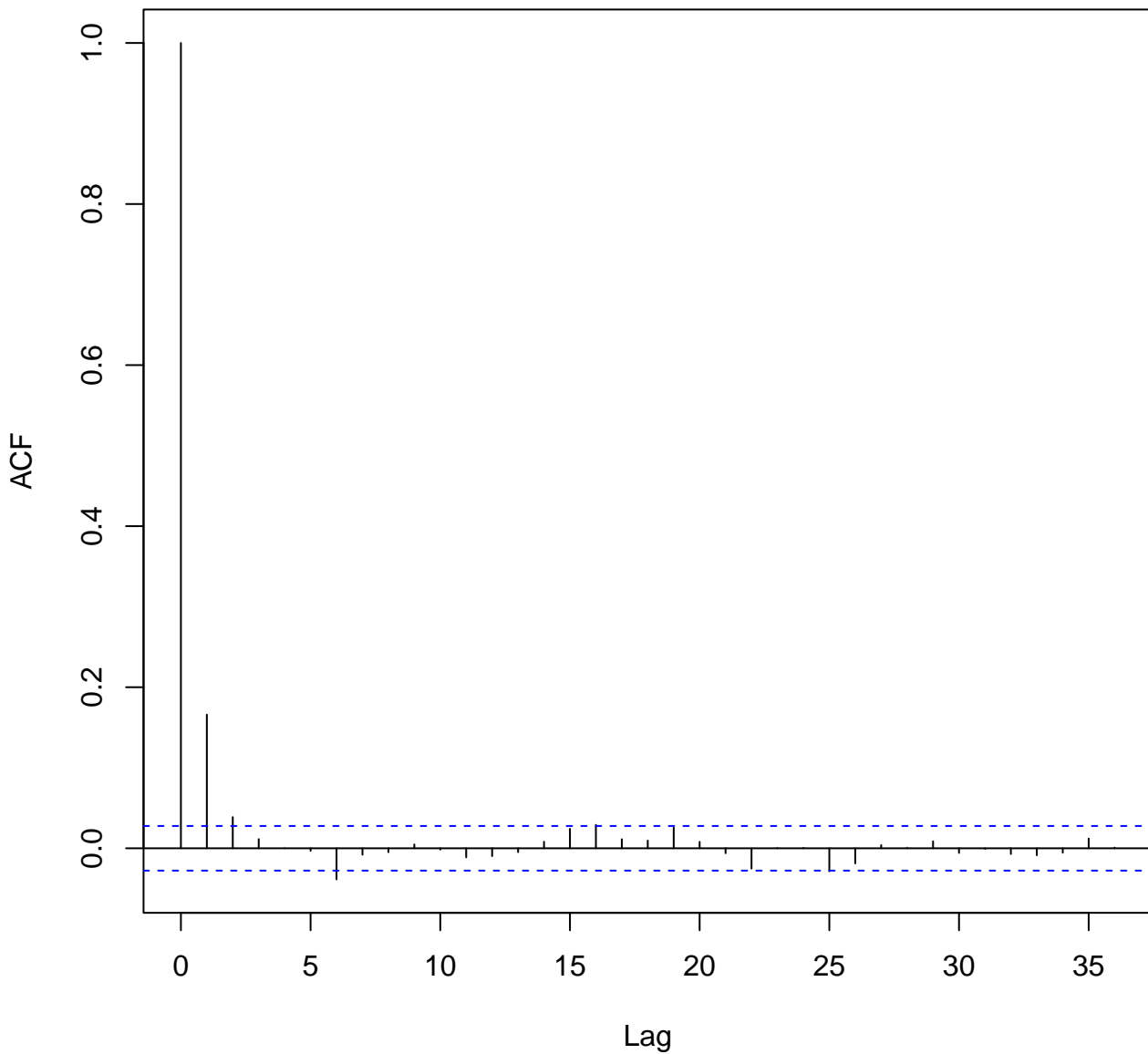
X\_10 chain 4



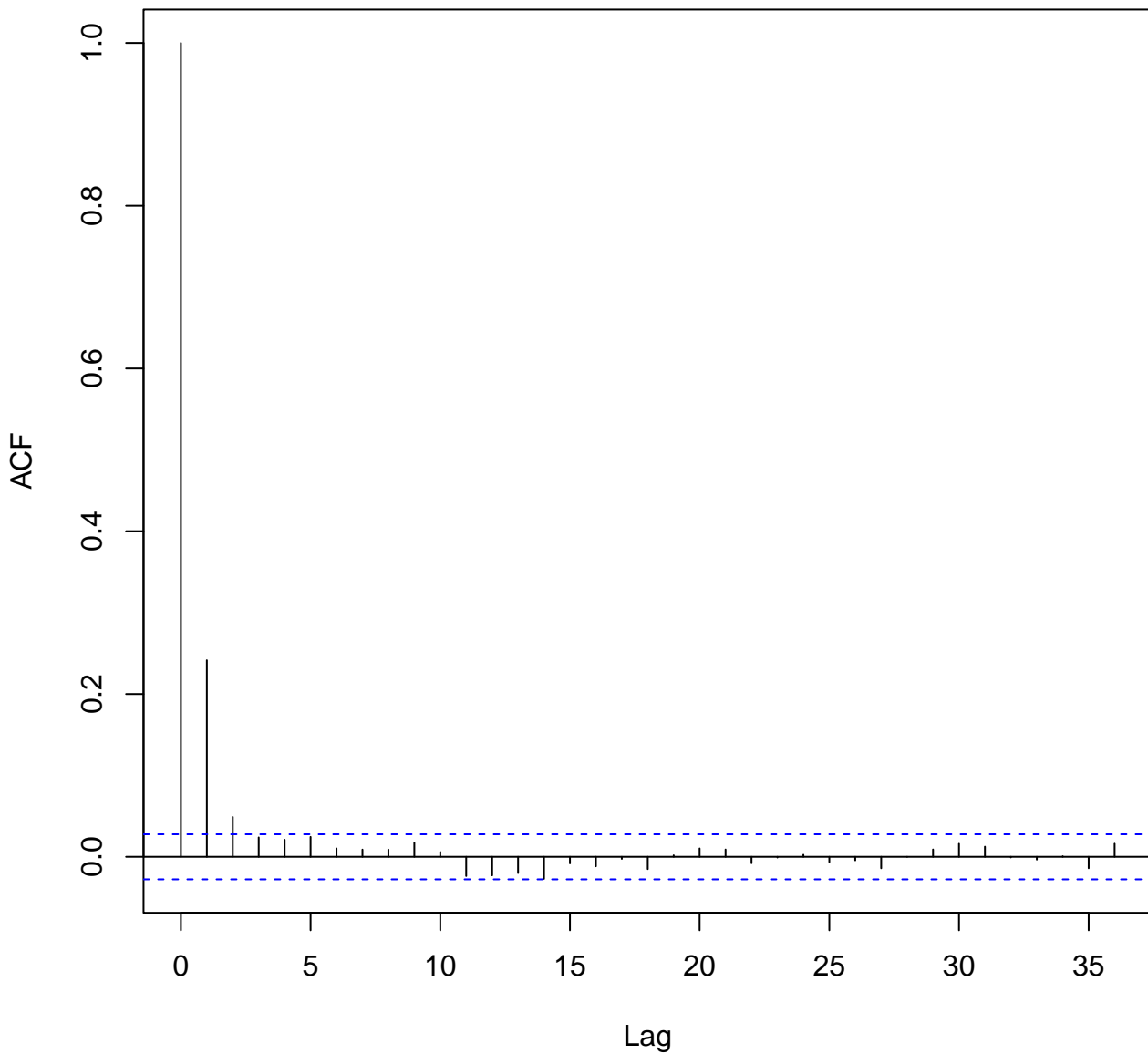
X\_10 chain 5



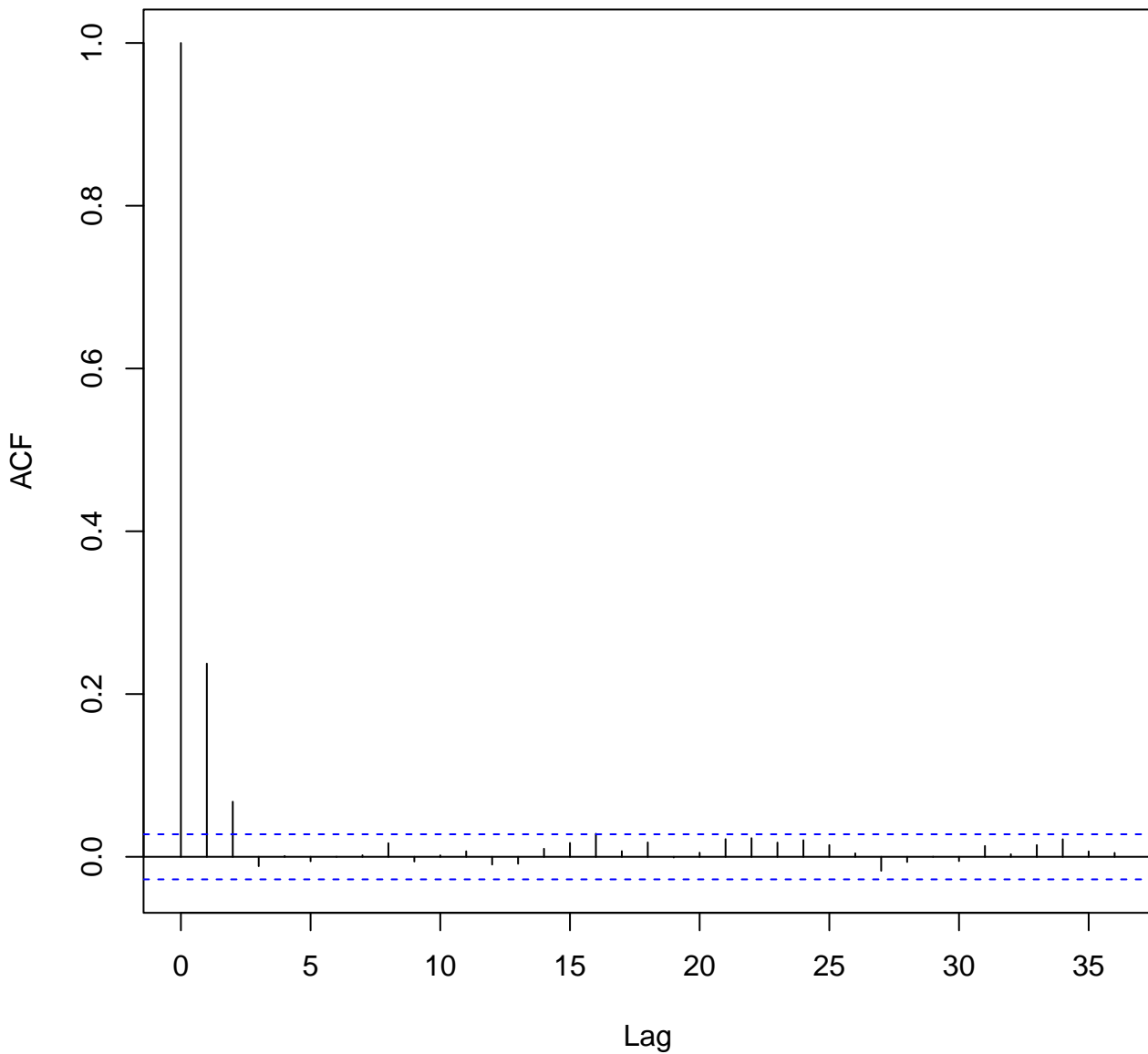
X\_10 chain 6



# X\_11 chain 1

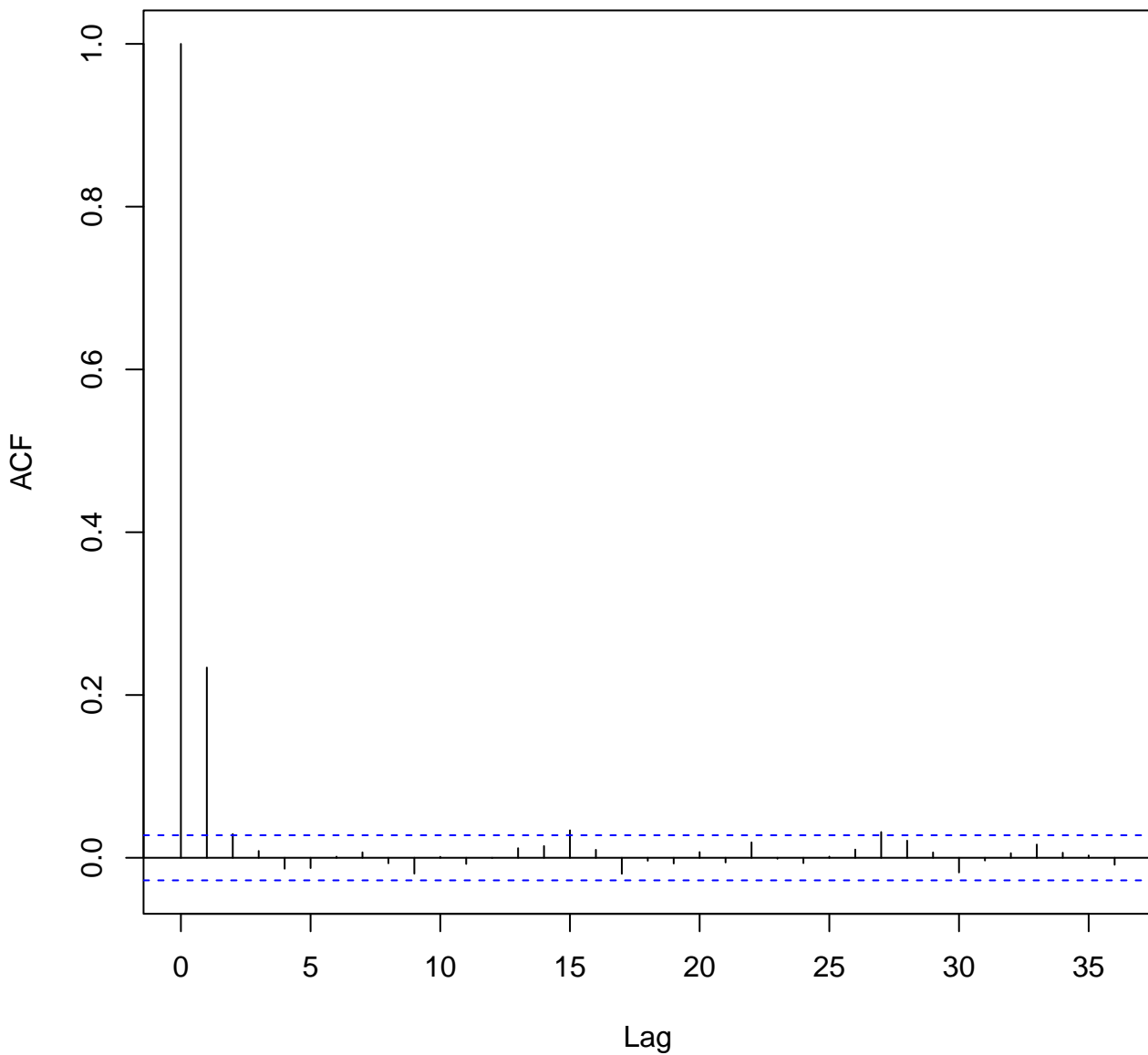


X\_11 chain 2

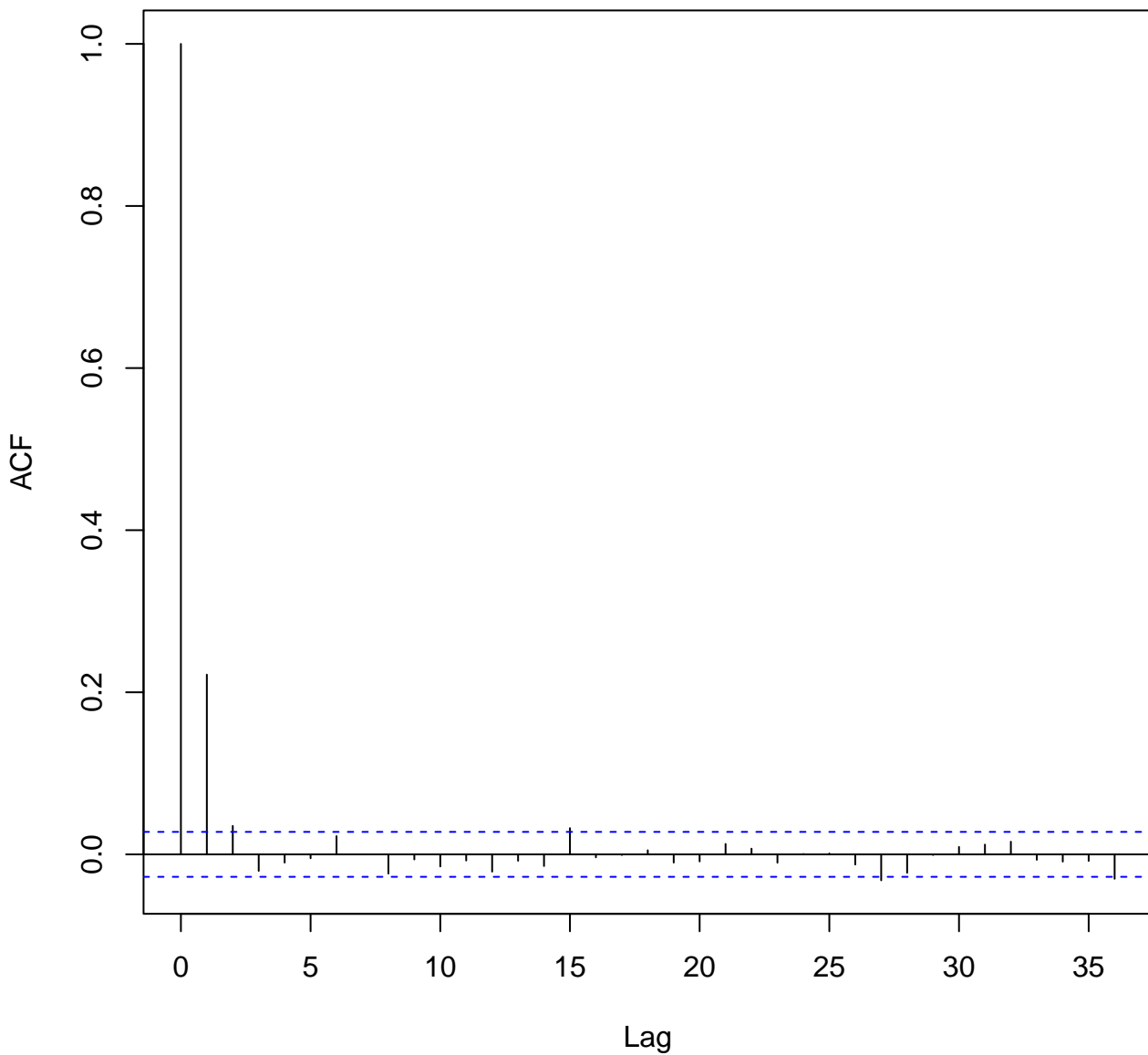




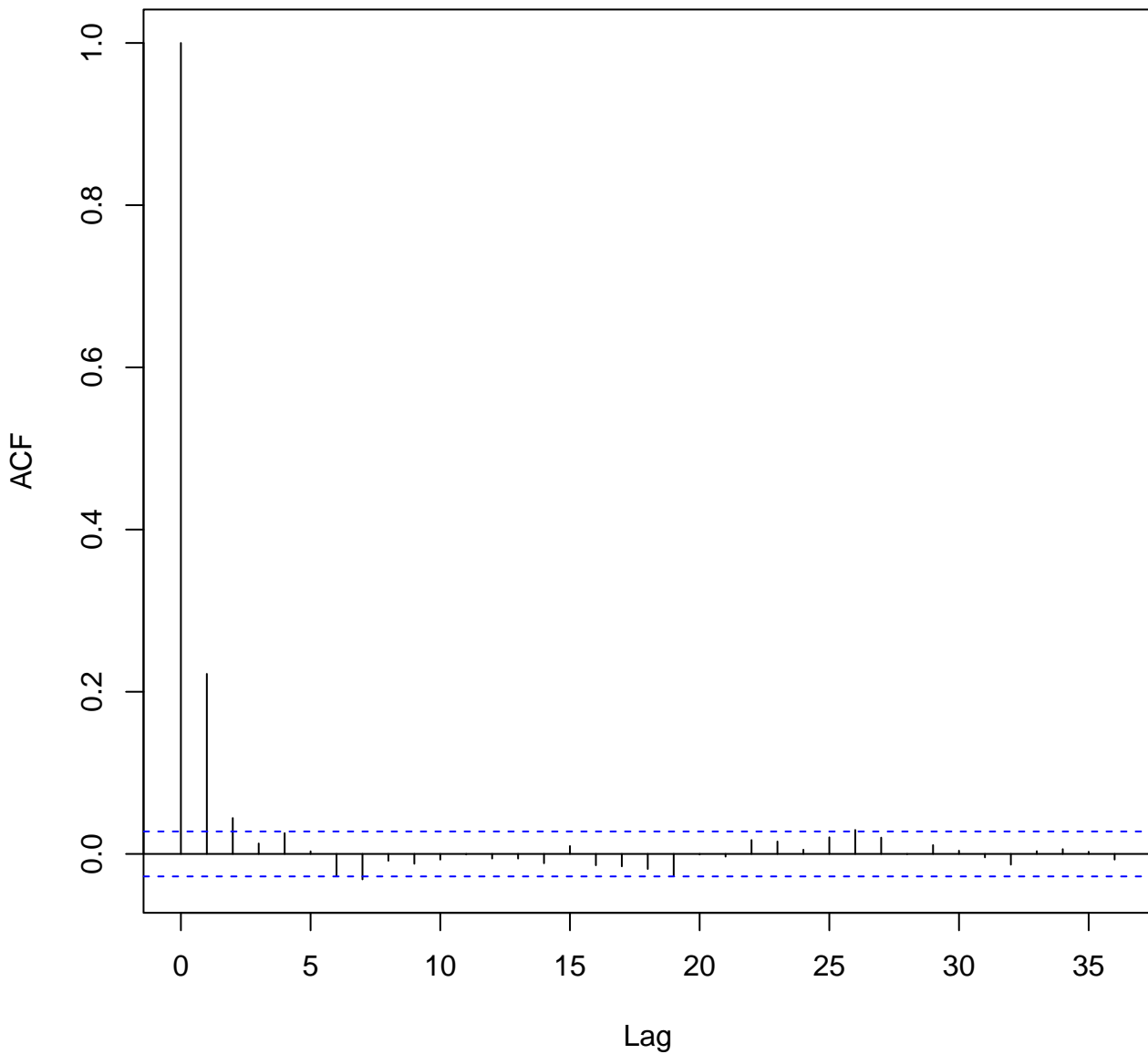
X\_11 chain 3



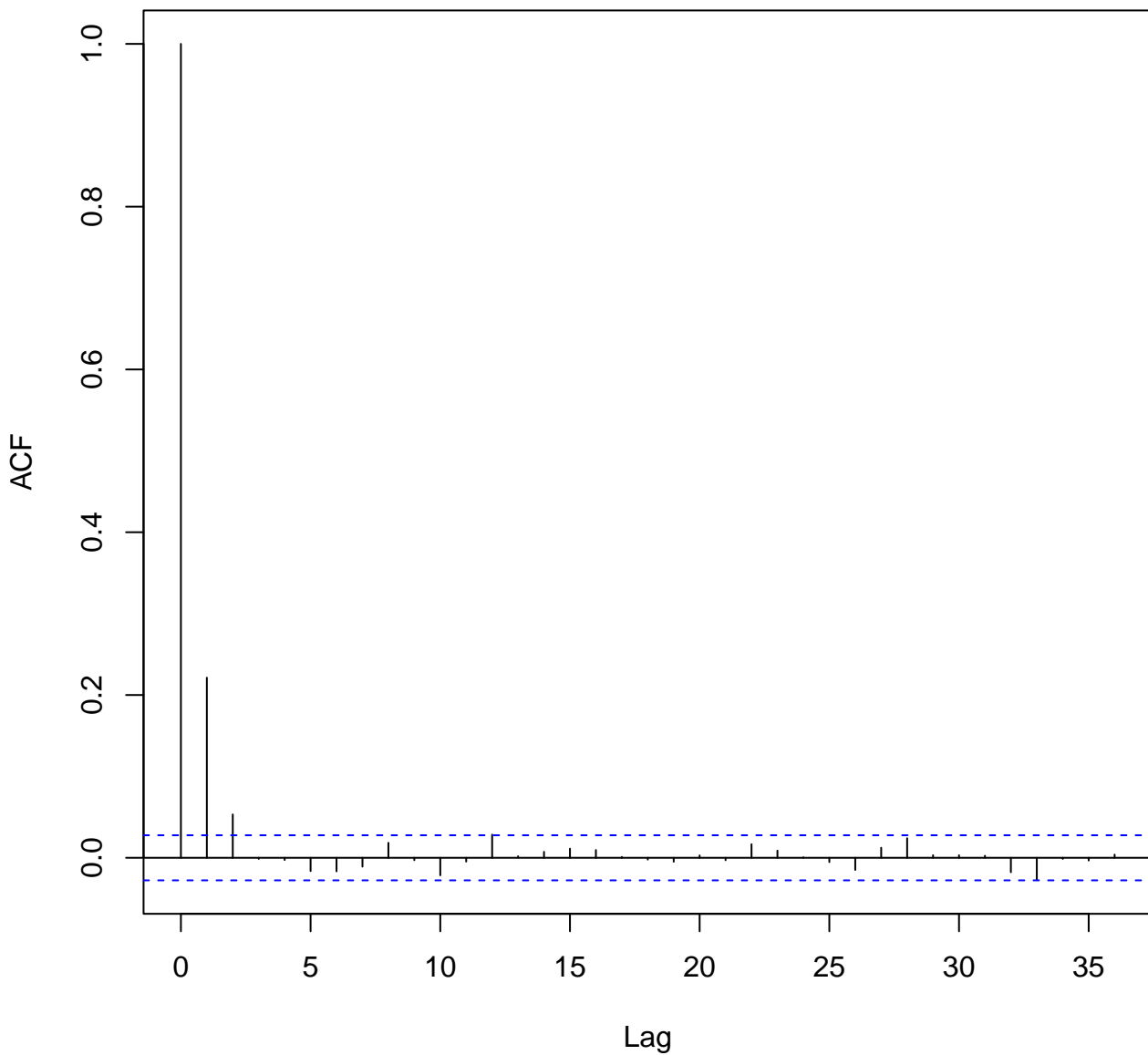
X\_11 chain 4



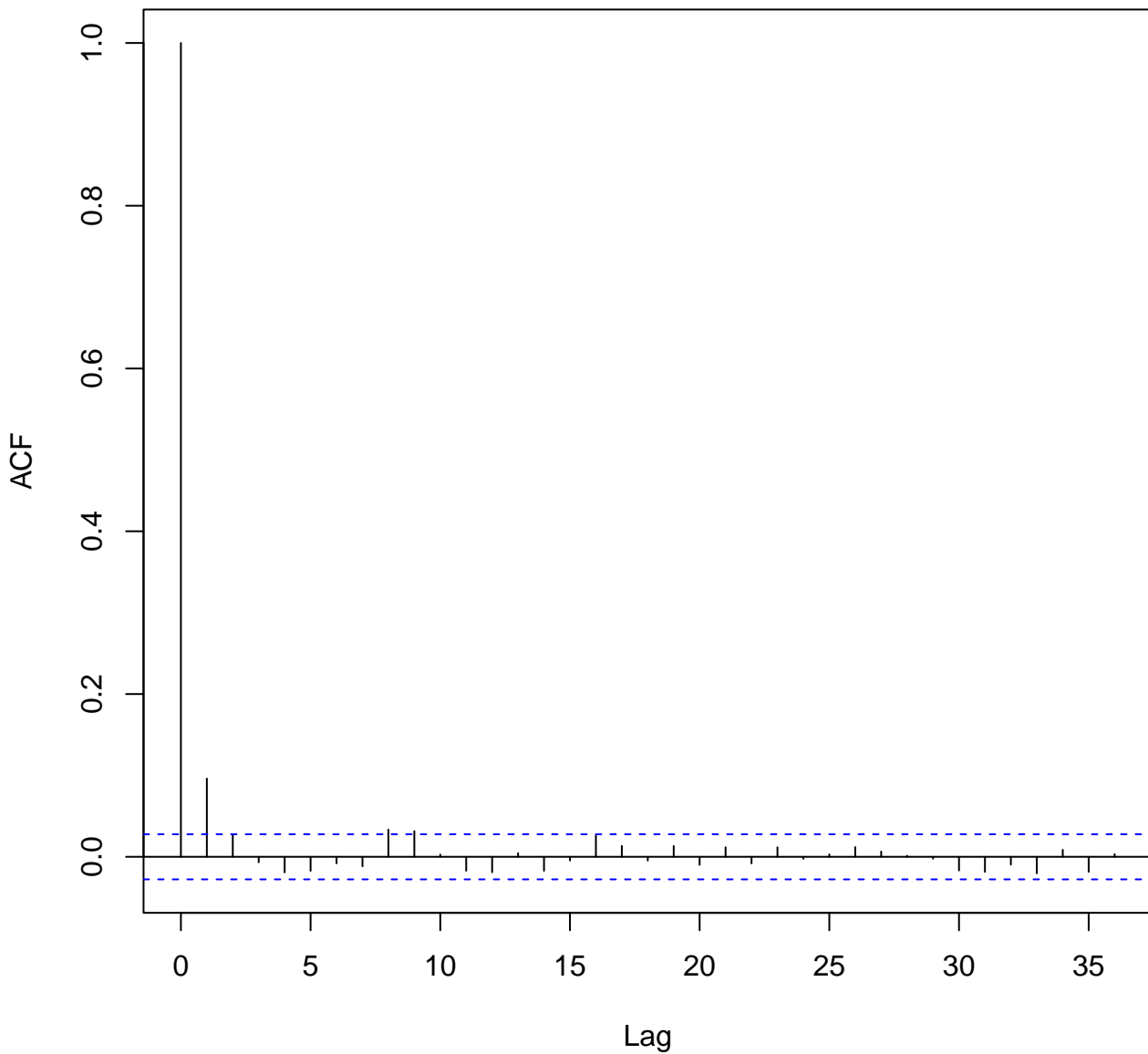
X\_11 chain 5



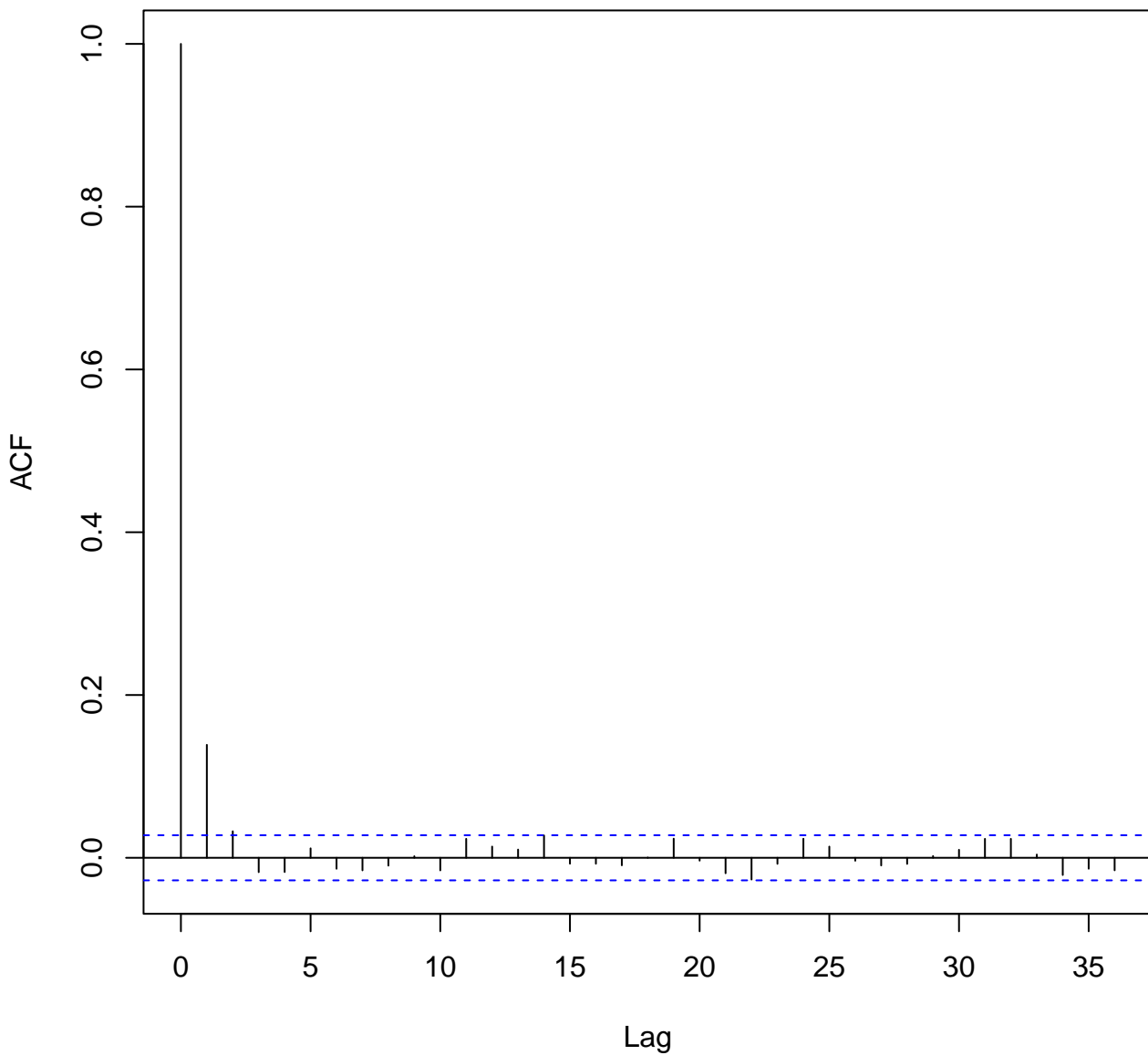
X\_11 chain 6



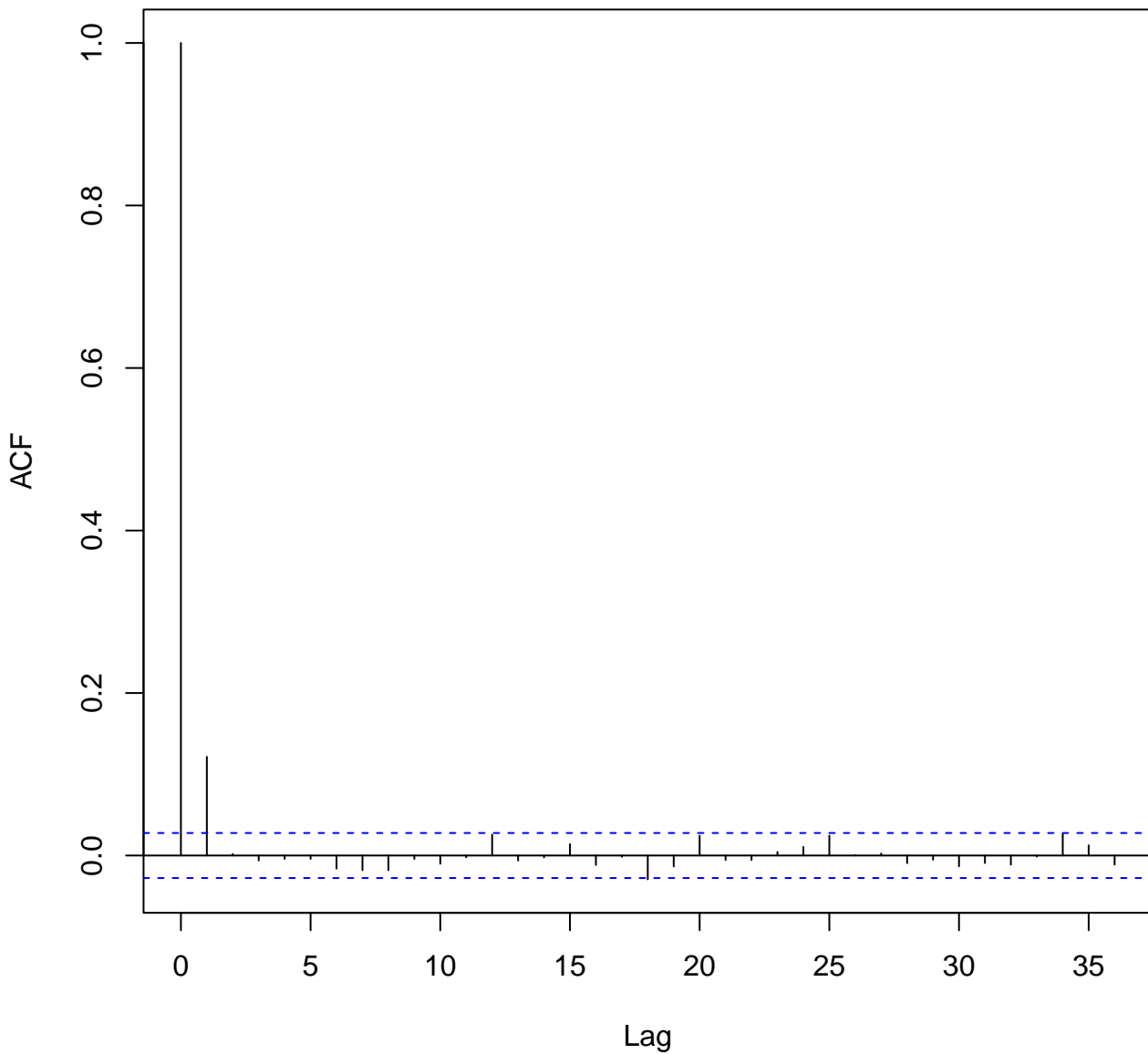
# X\_12 chain 1



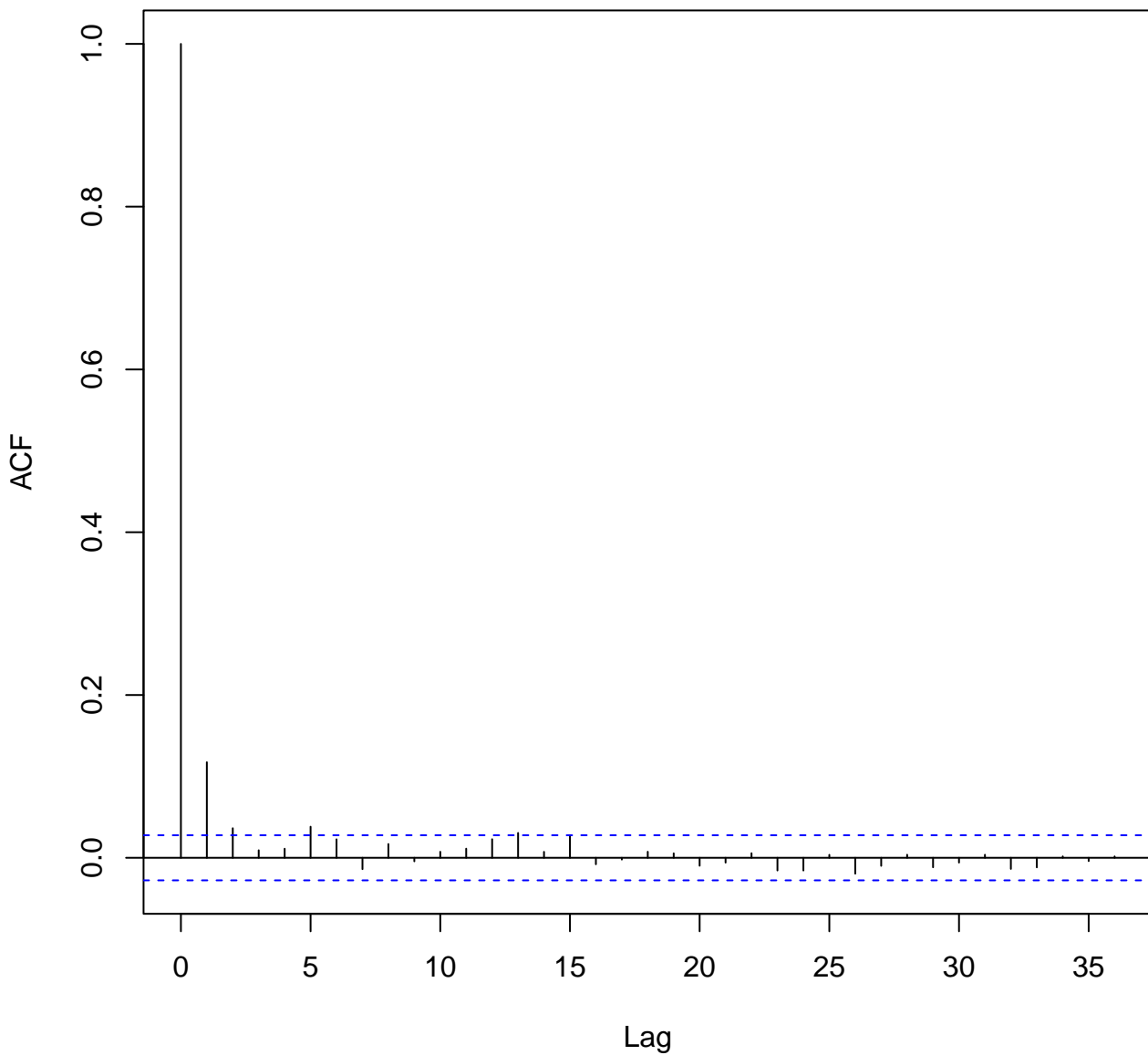
# X\_12 chain 2



X\_12 chain 3

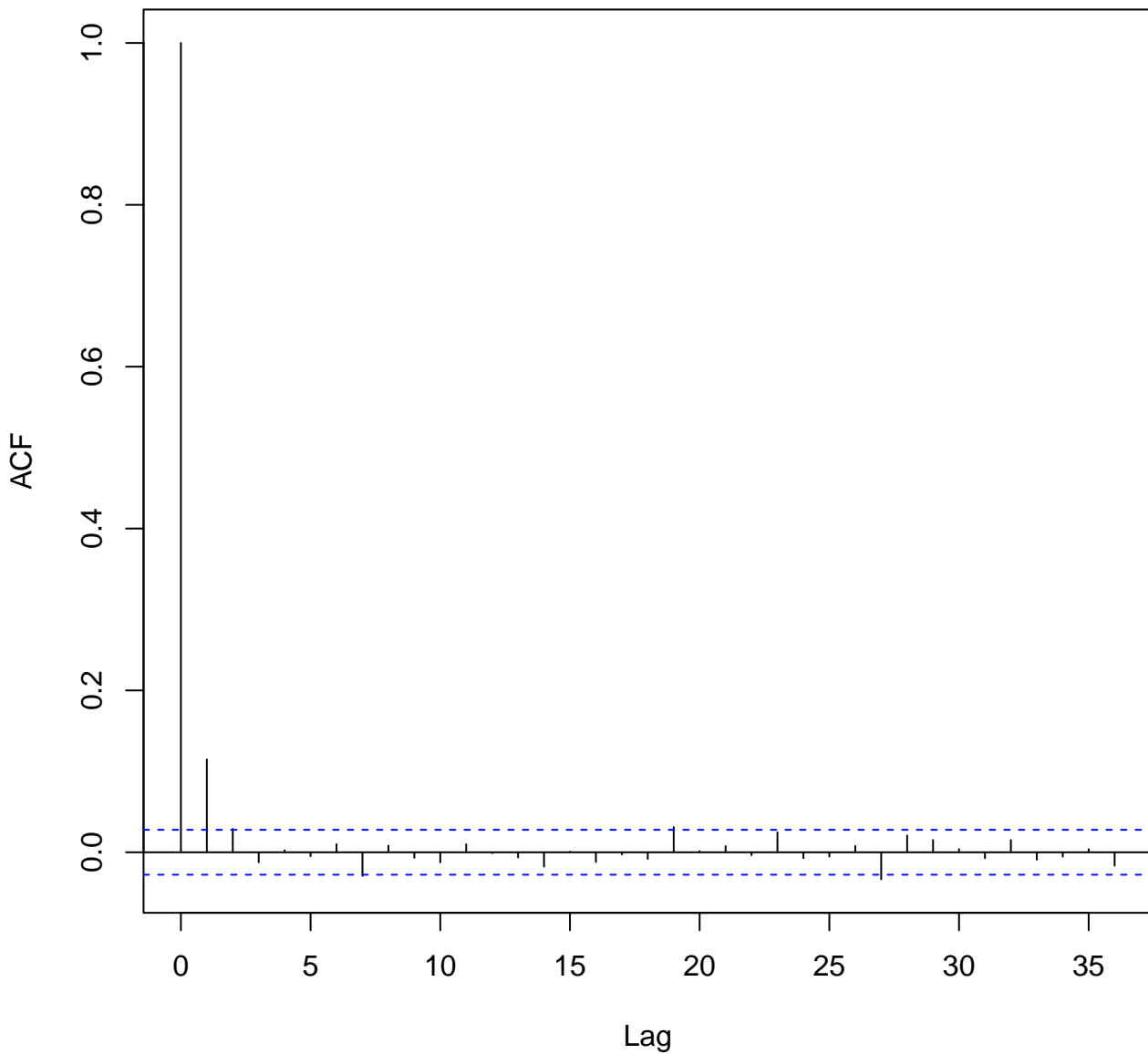


X\_12 chain 4

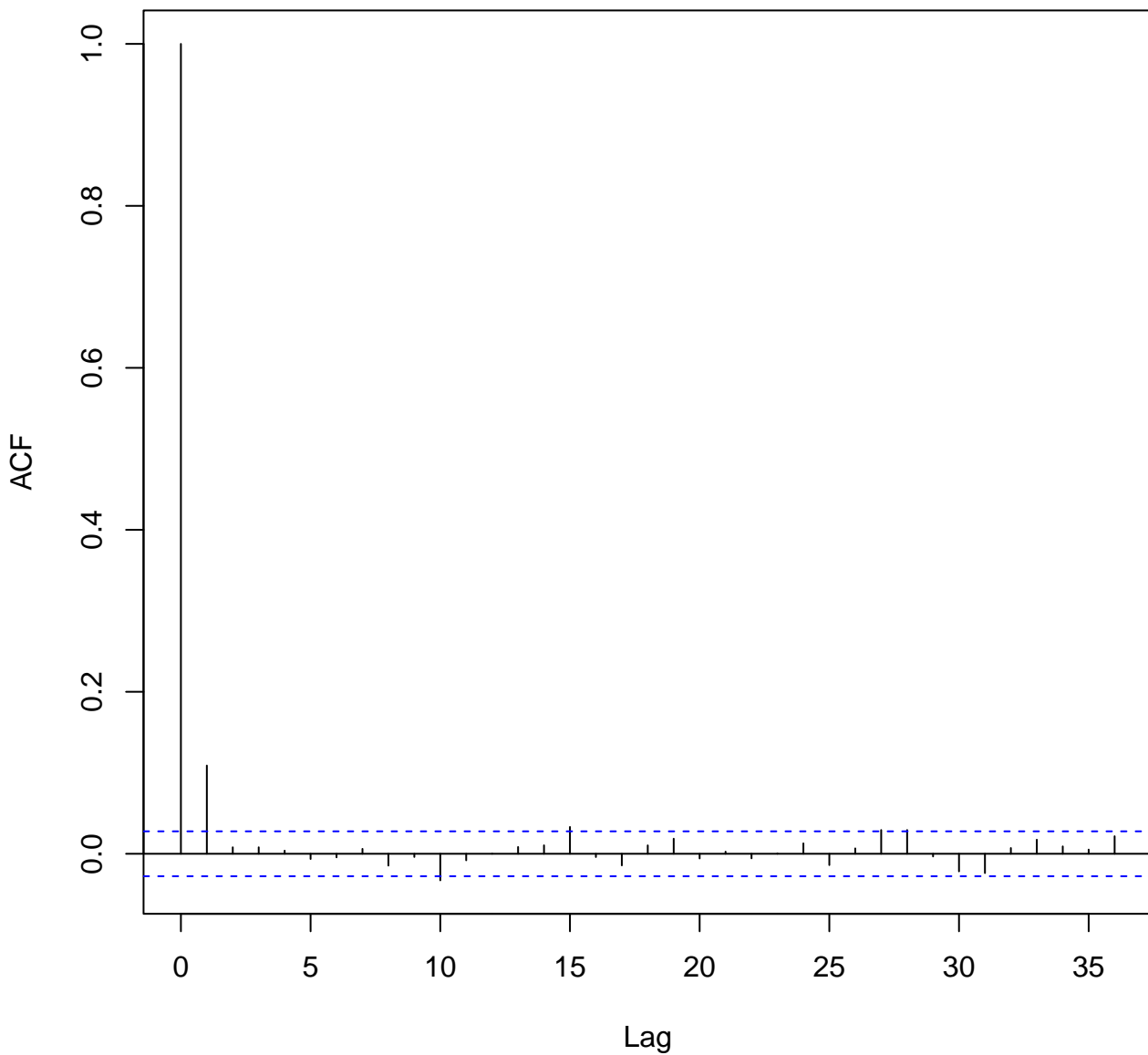




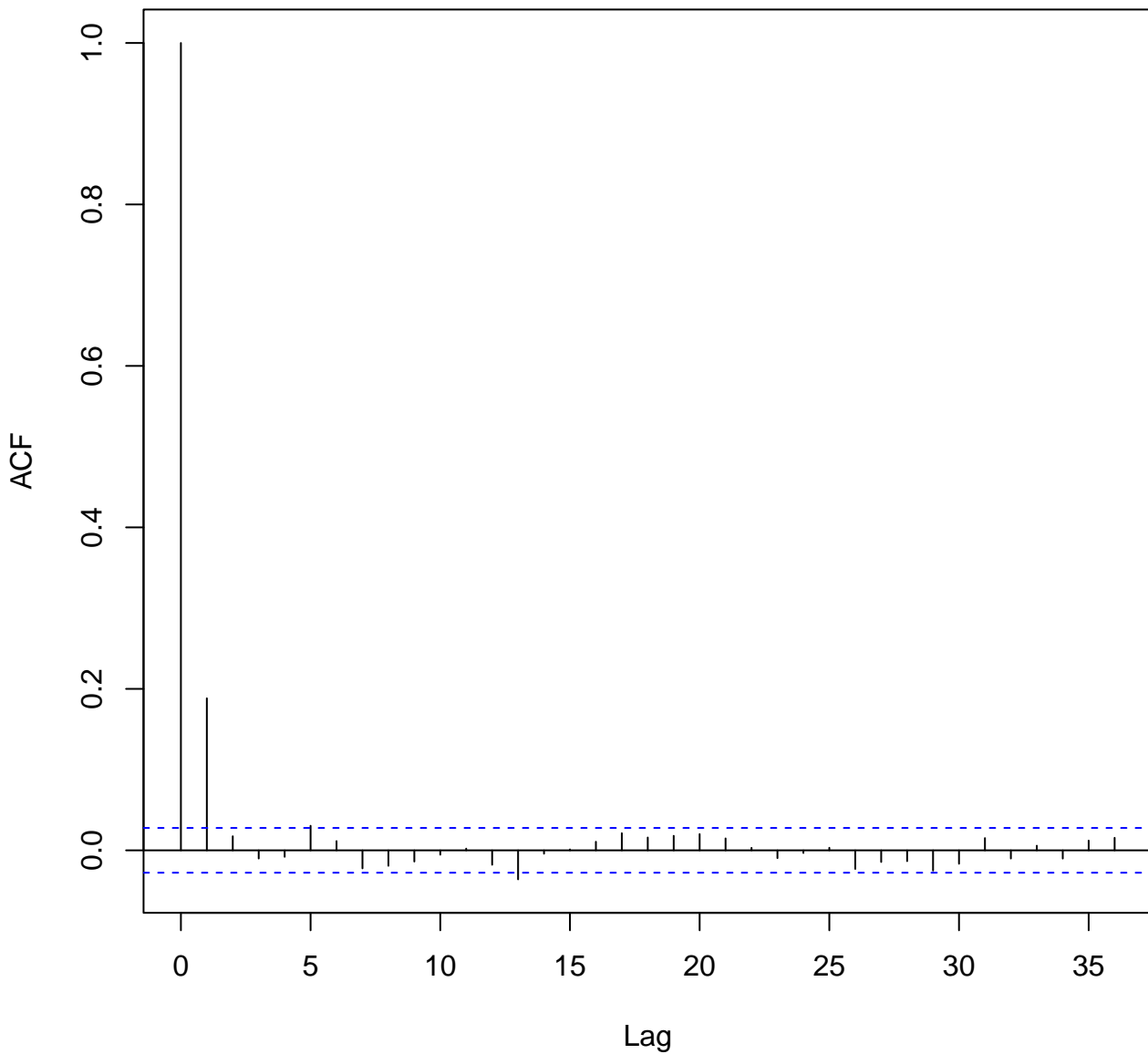
X\_12 chain 5



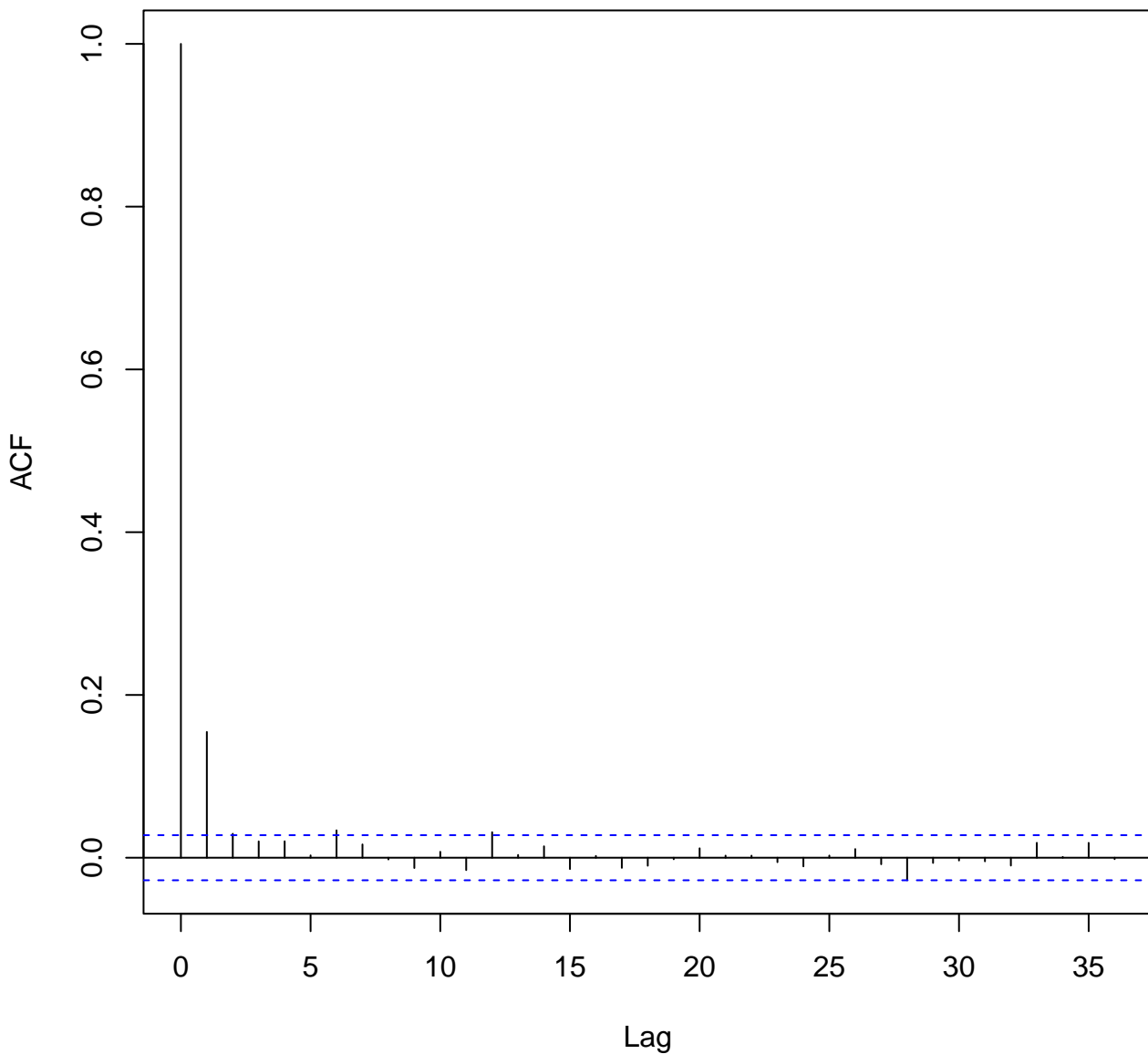
X\_12 chain 6



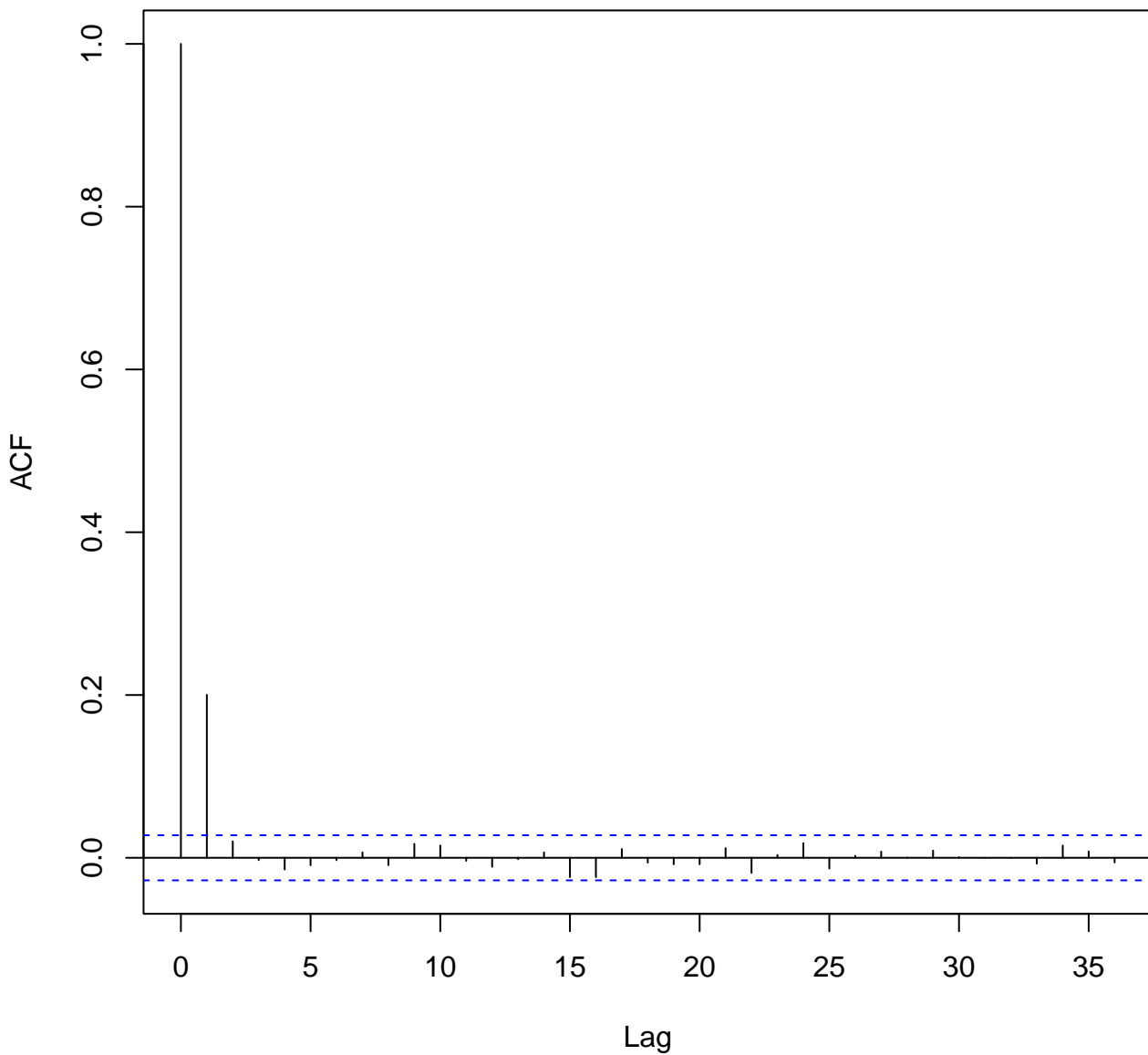
# X\_13 chain 1



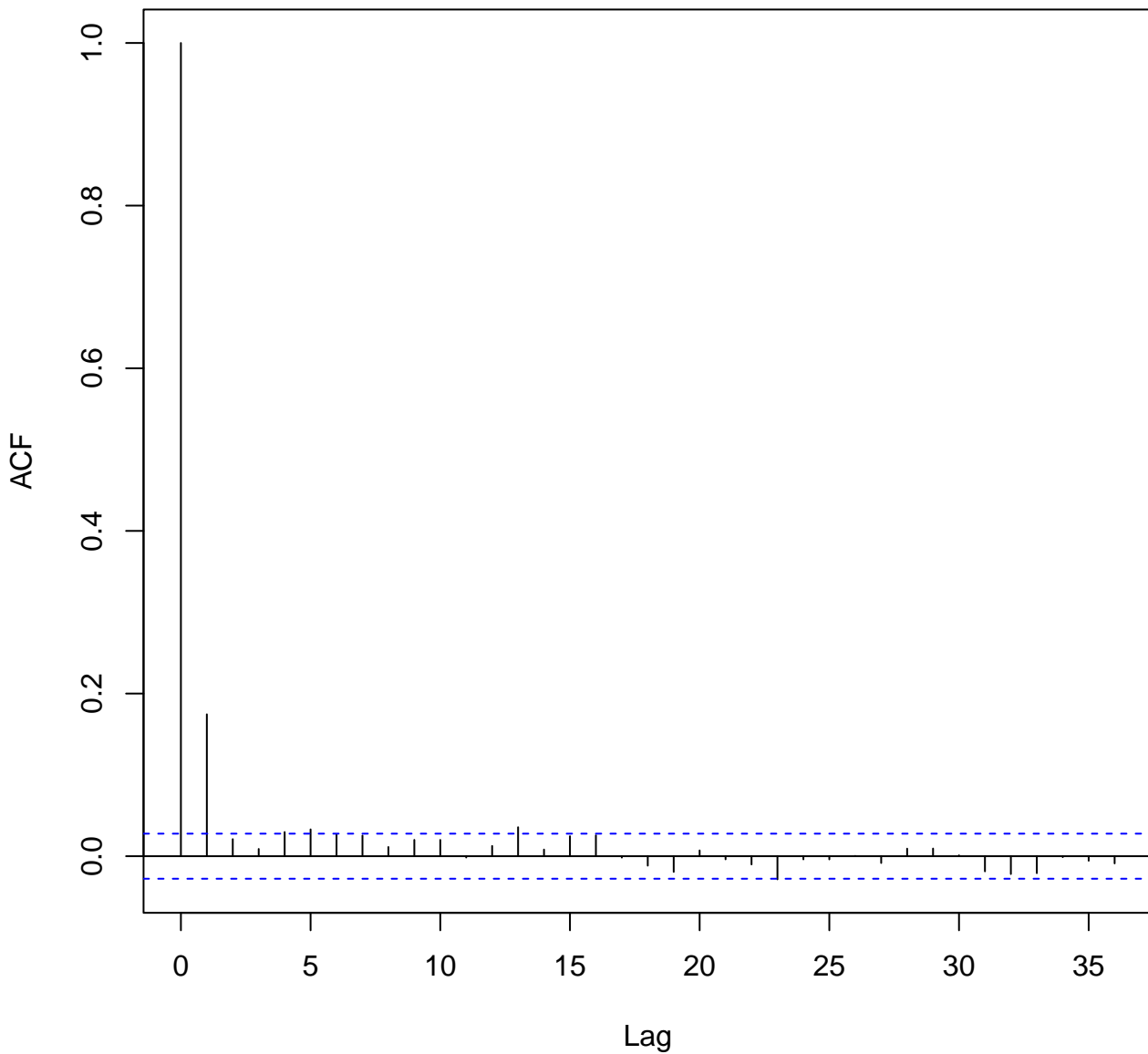
# X\_13 chain 2



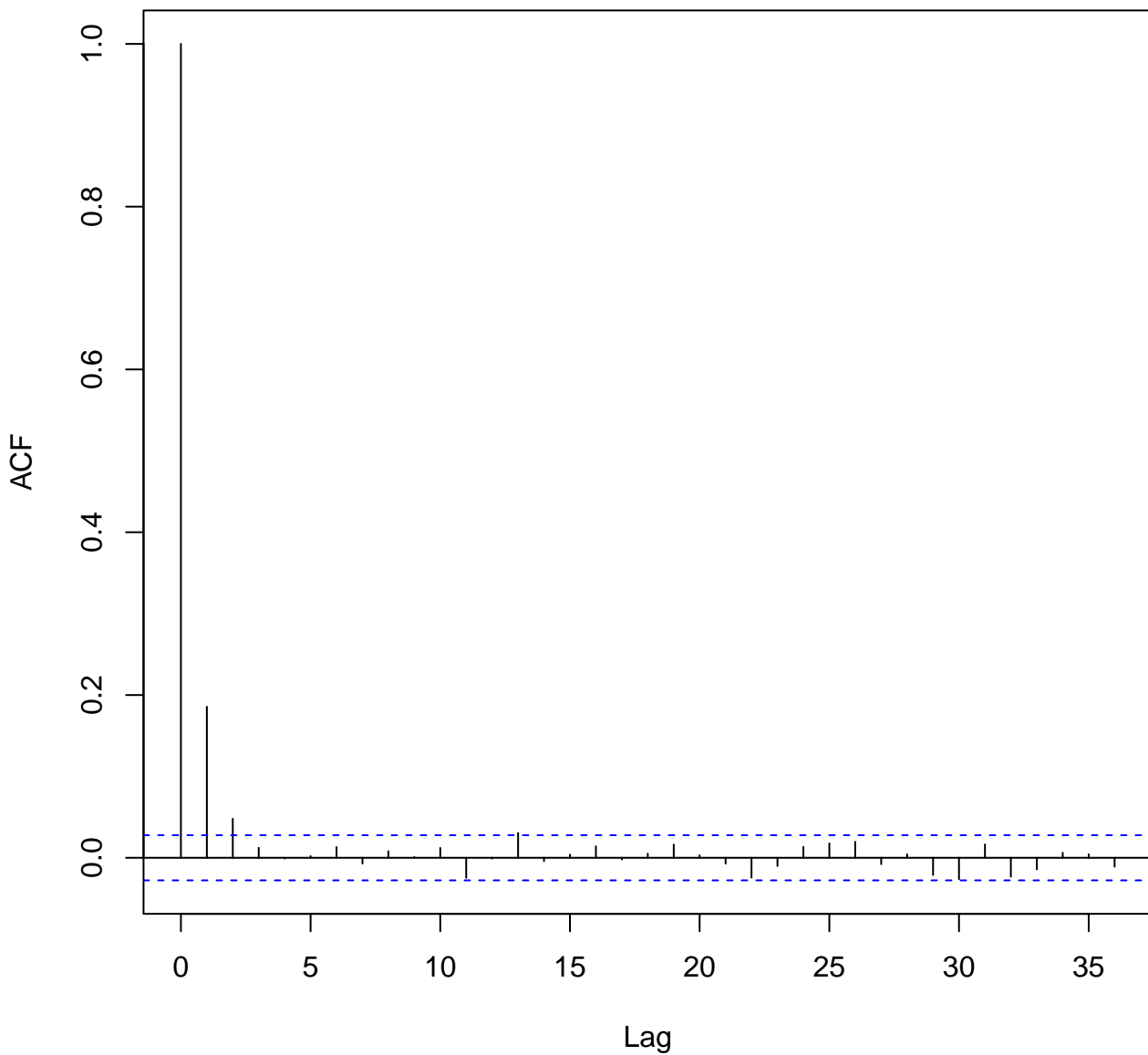
**X\_13 chain 3**



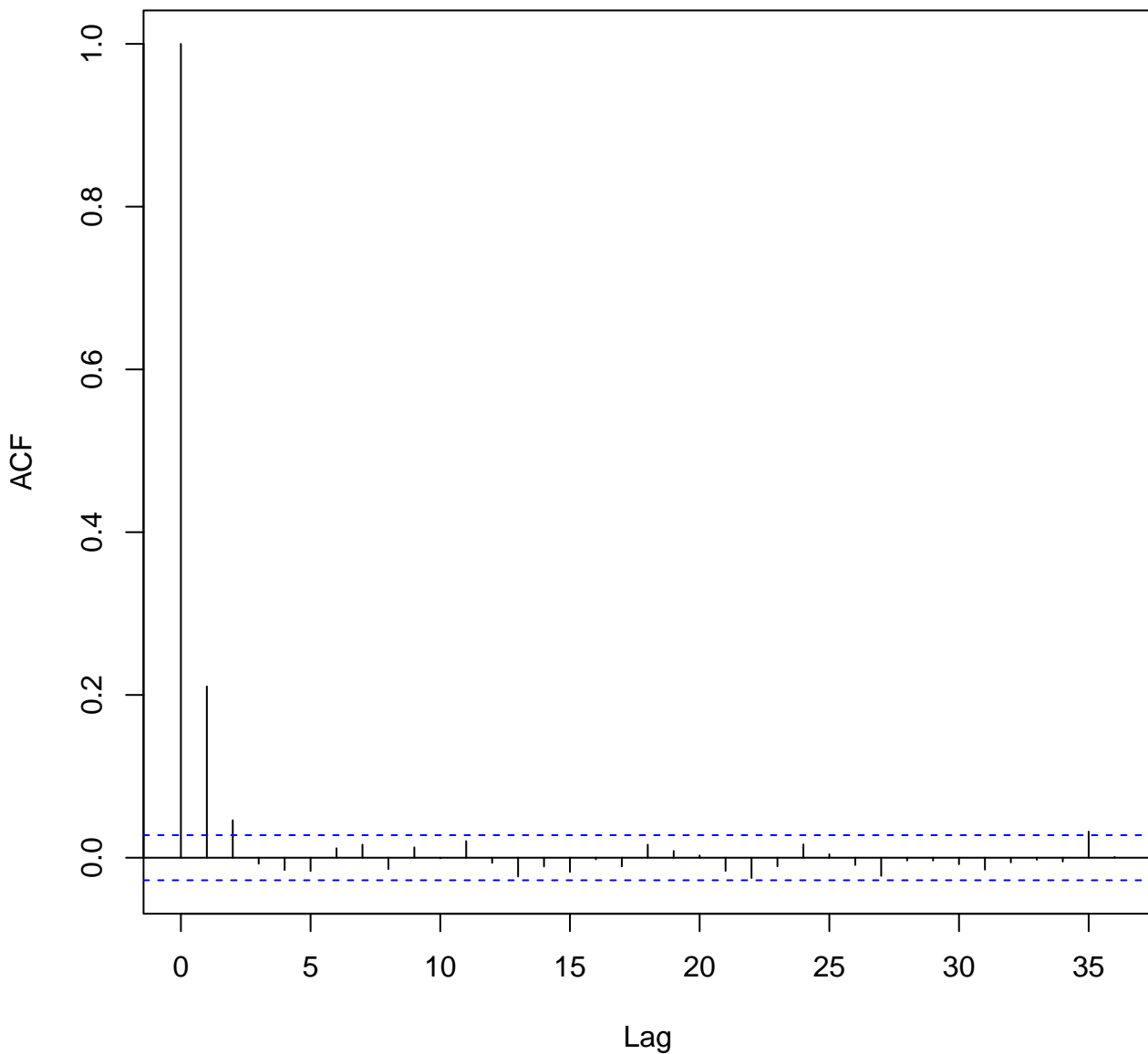
**X\_13 chain 4**



**X\_13 chain 5**

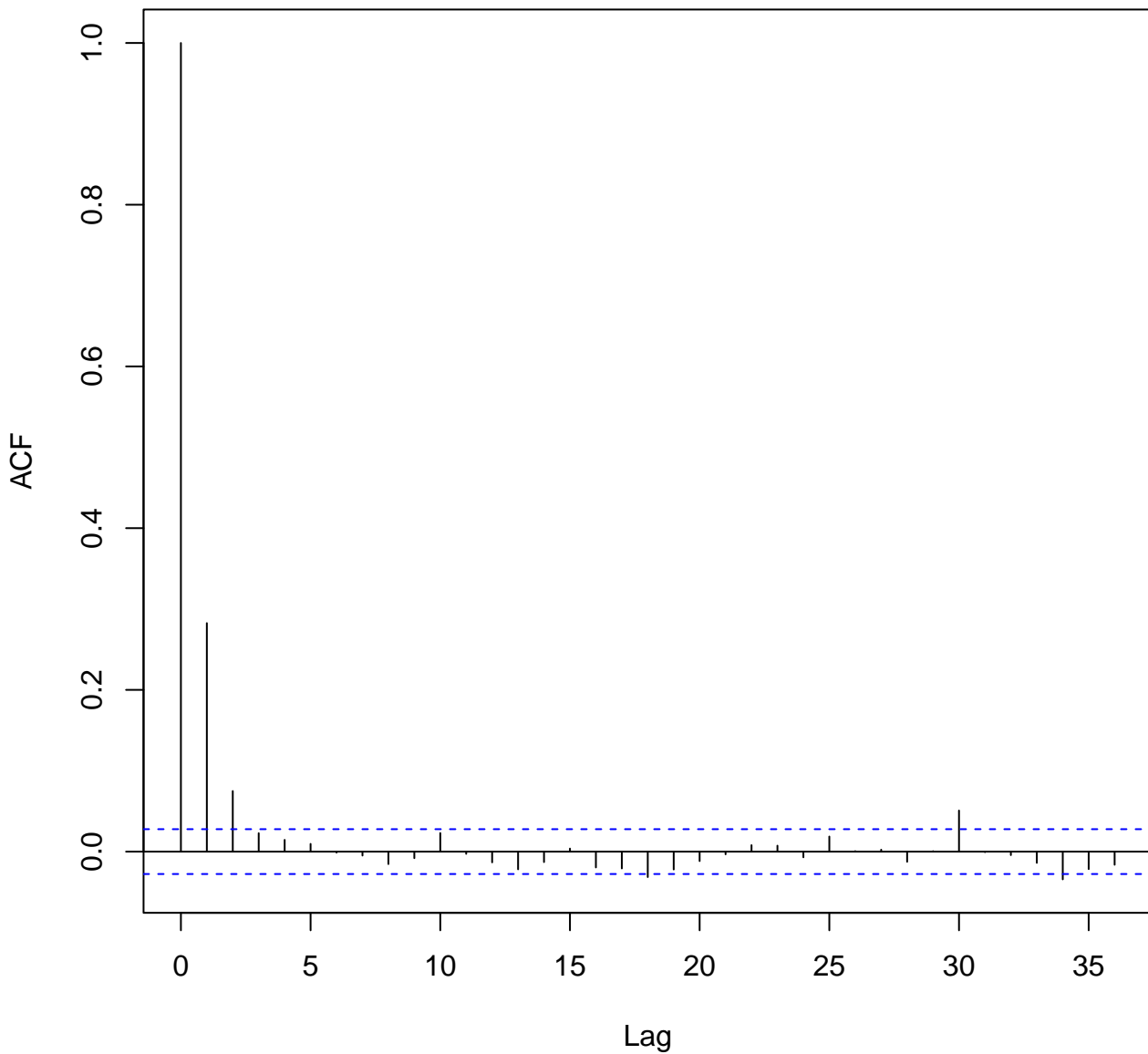


# X\_13 chain 6

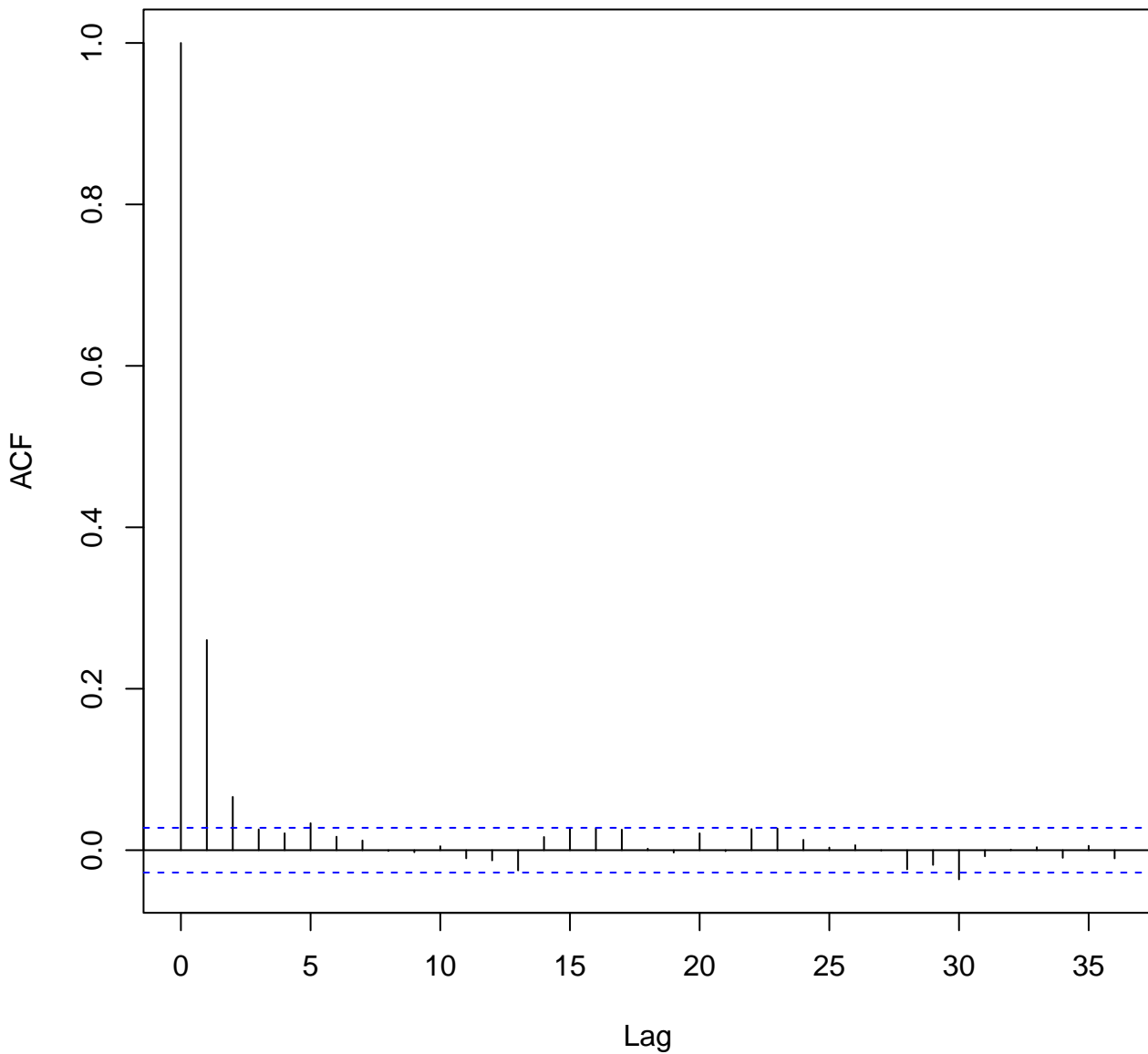




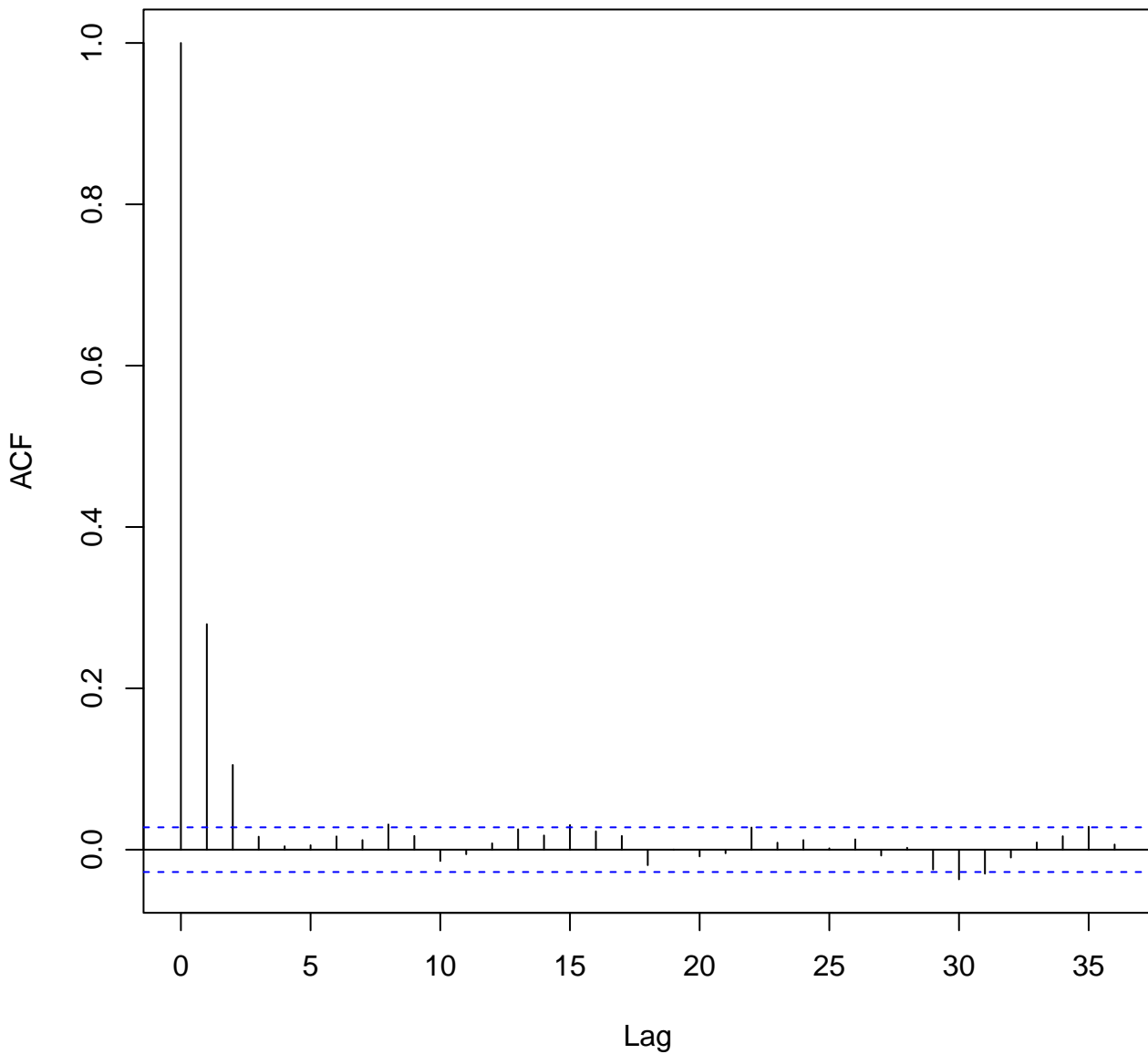
X\_14 chain 1



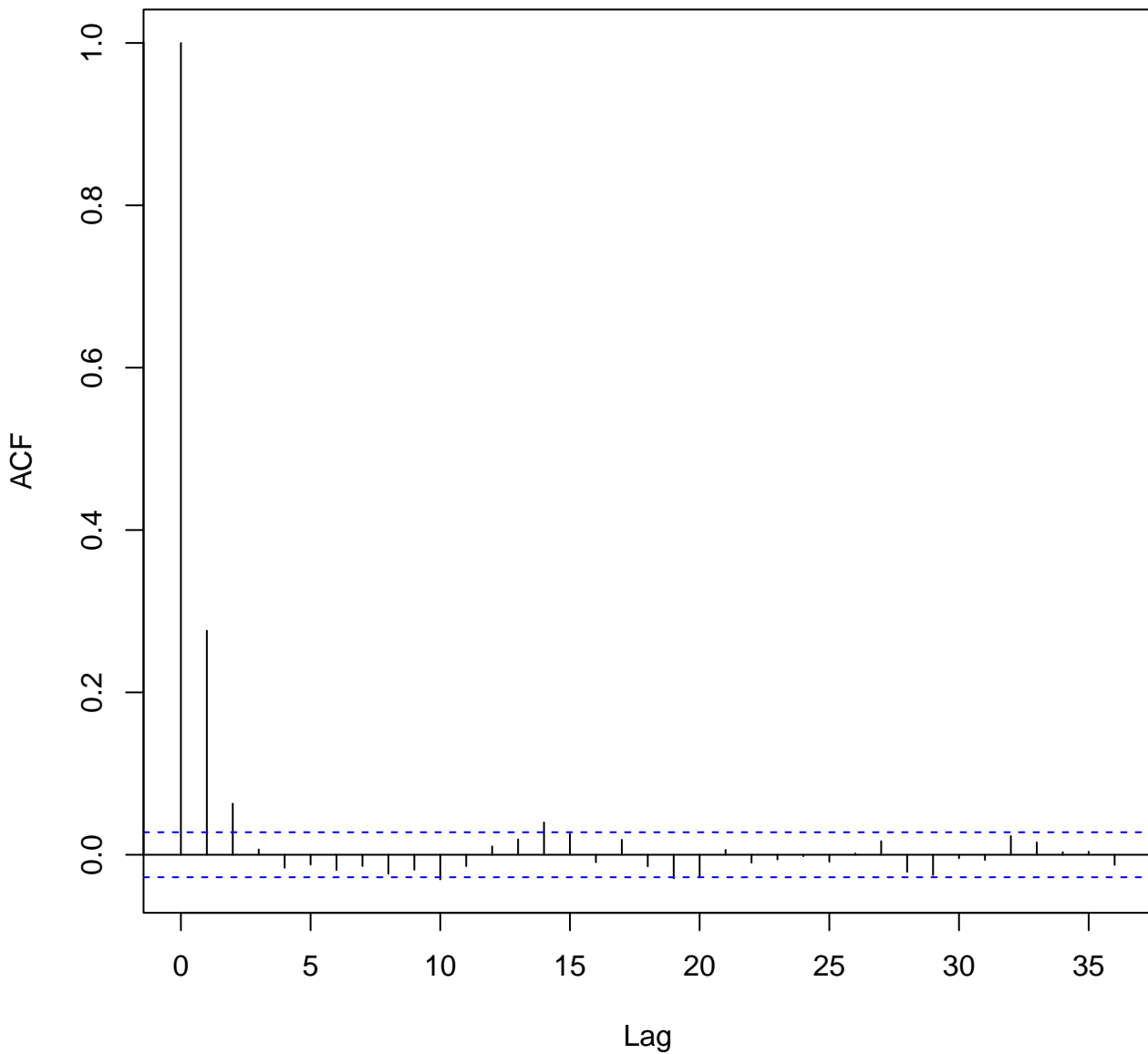
# X\_14 chain 2



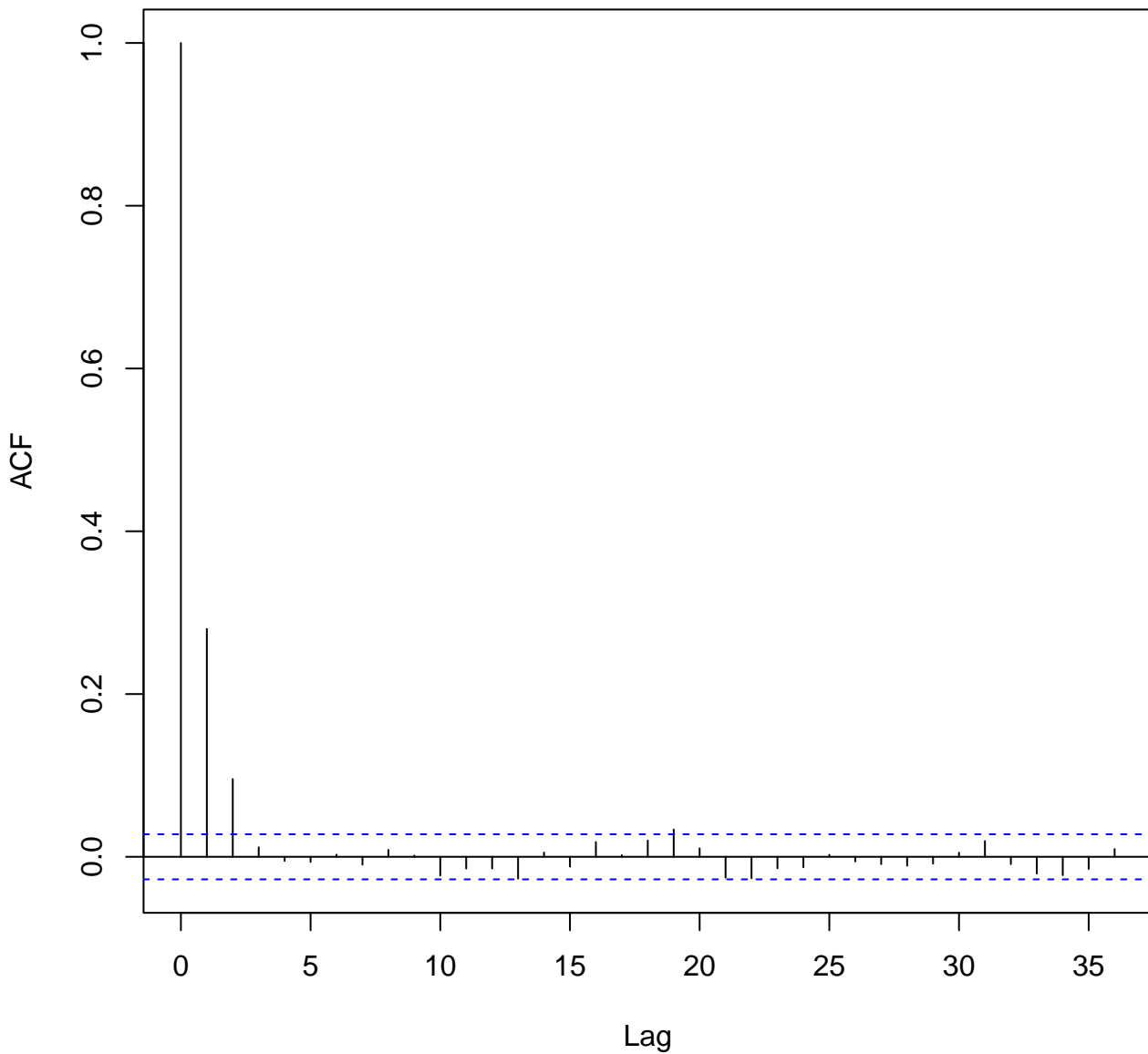
X\_14 chain 3



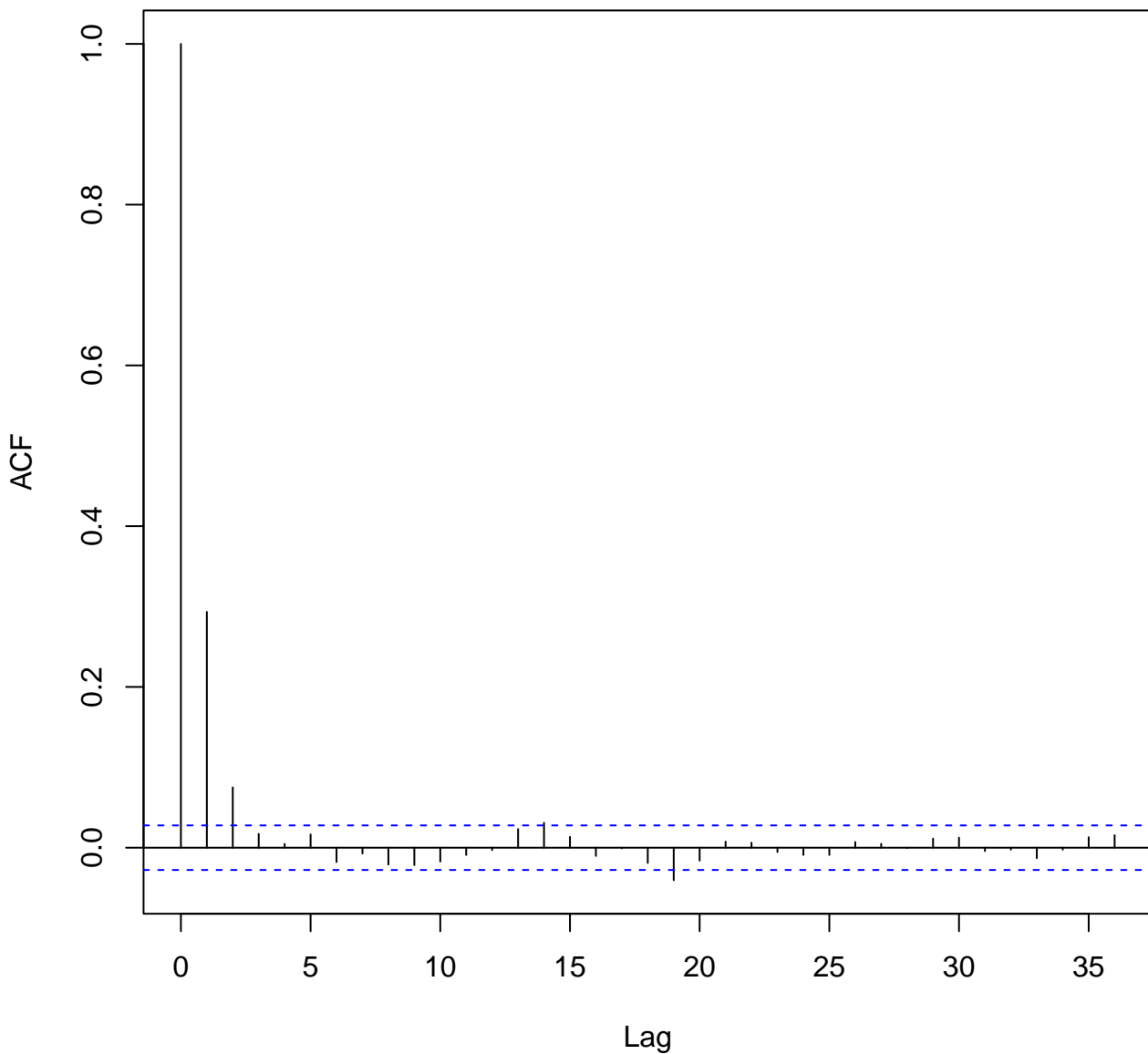
X\_14 chain 4



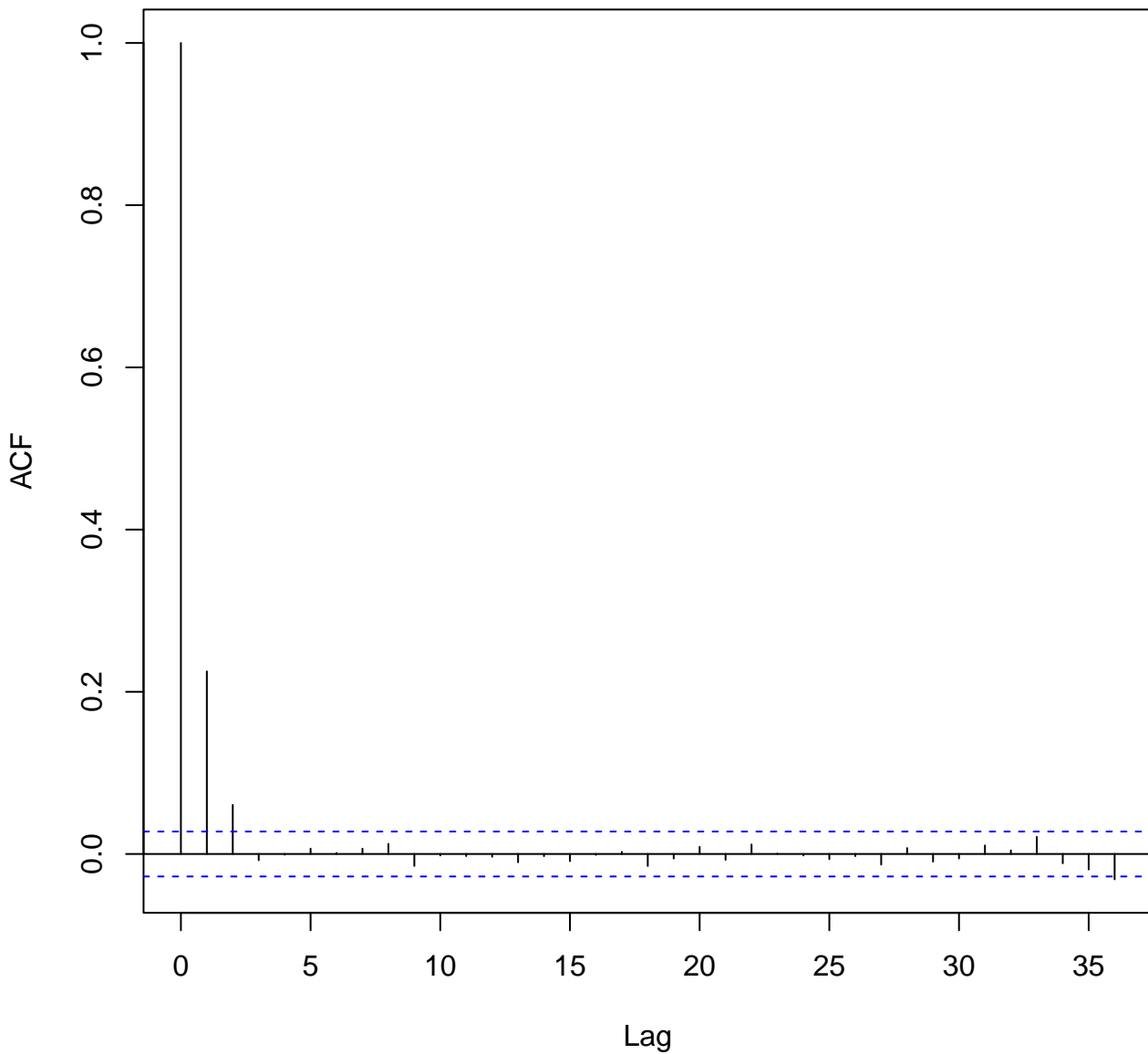
X\_14 chain 5



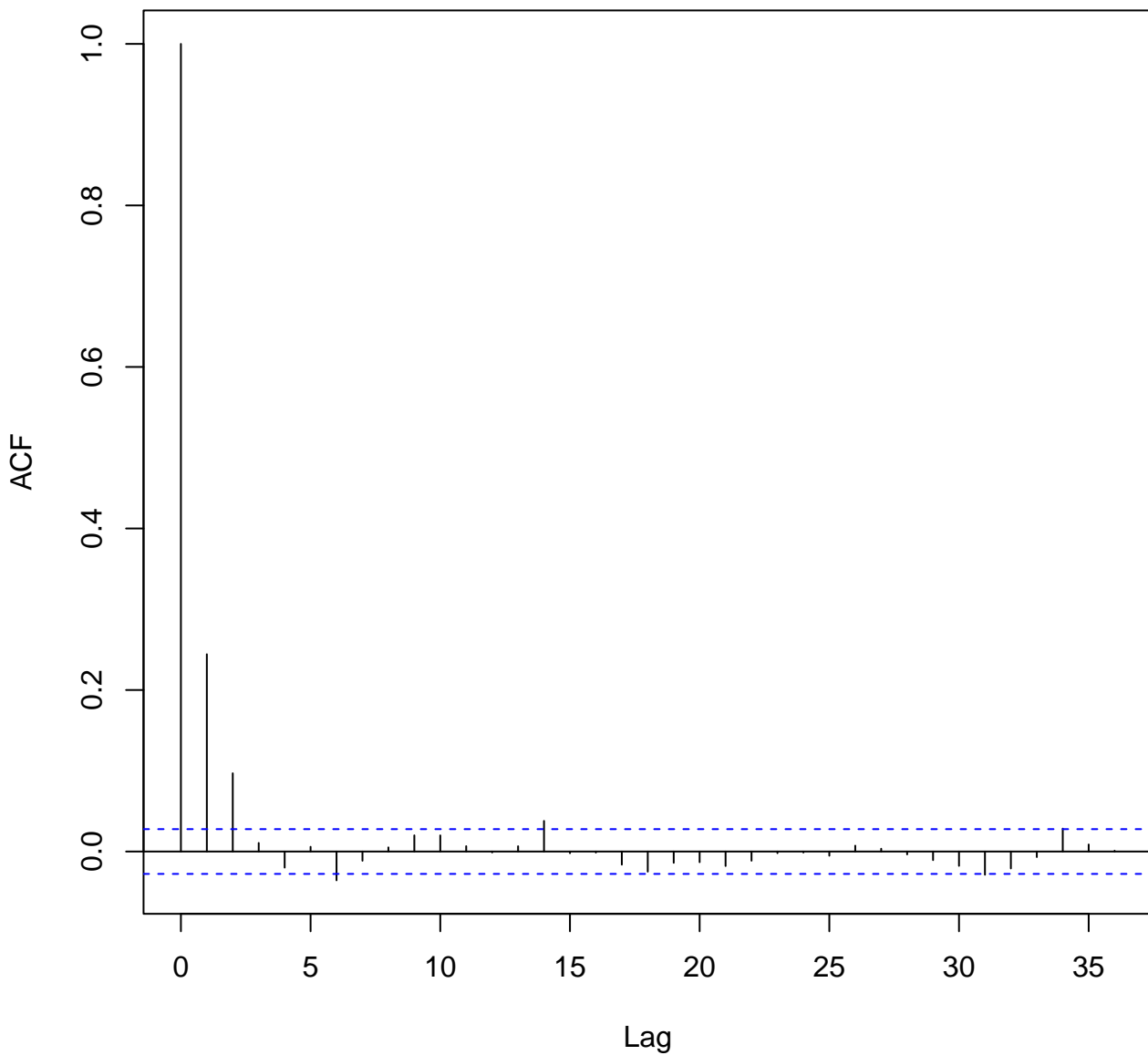
# X\_14 chain 6



# X\_15 chain 1

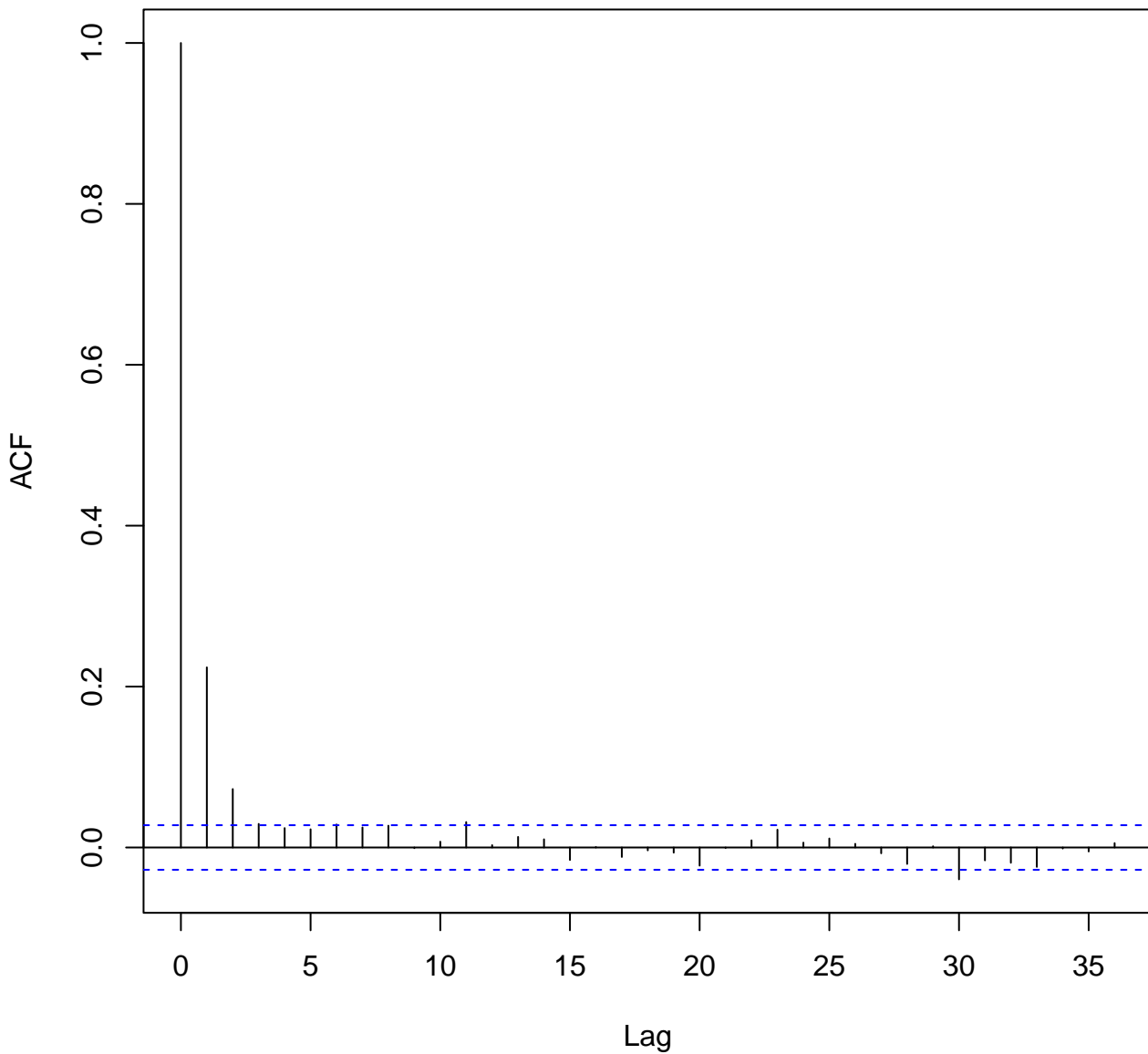


# X\_15 chain 2

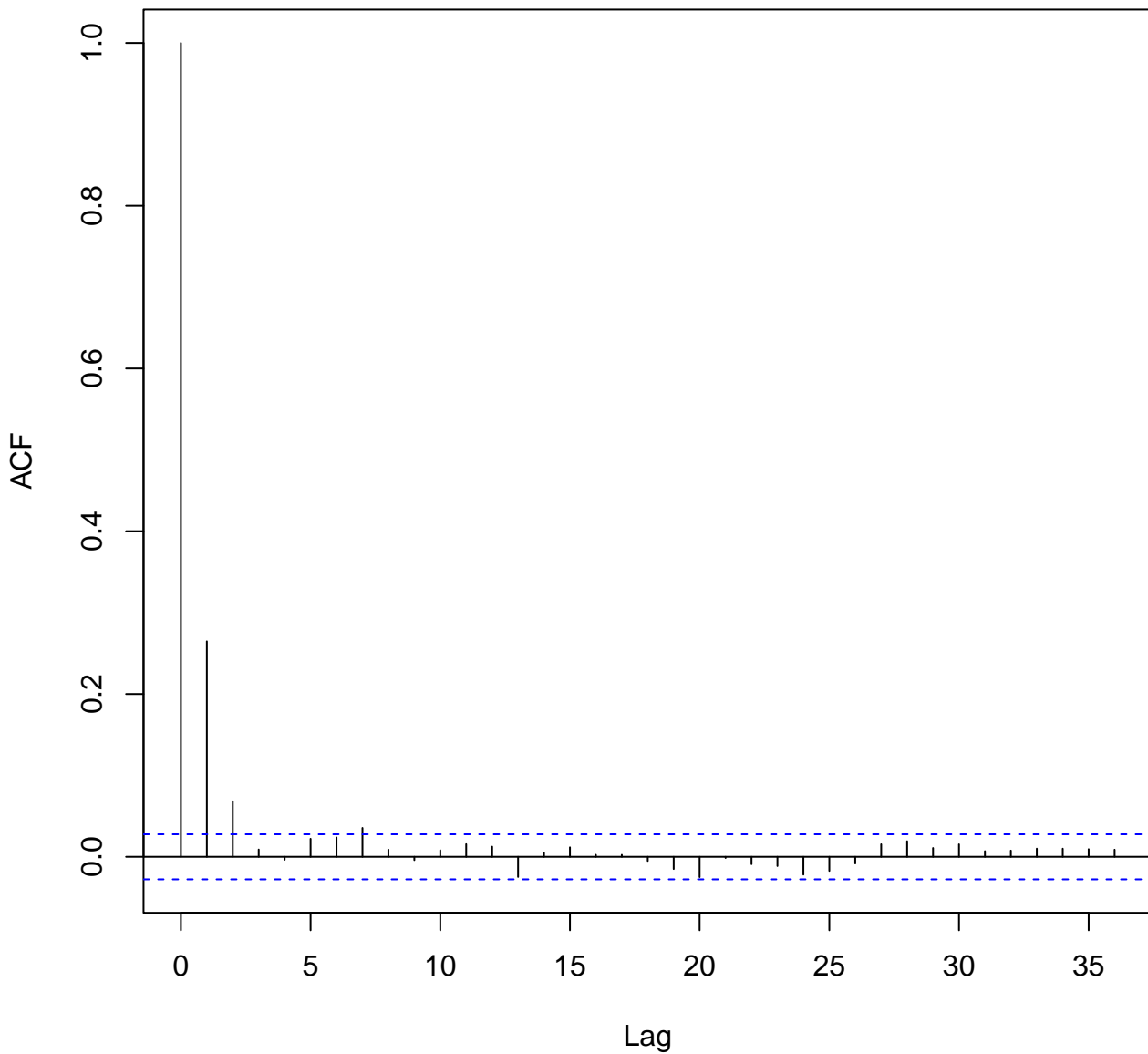




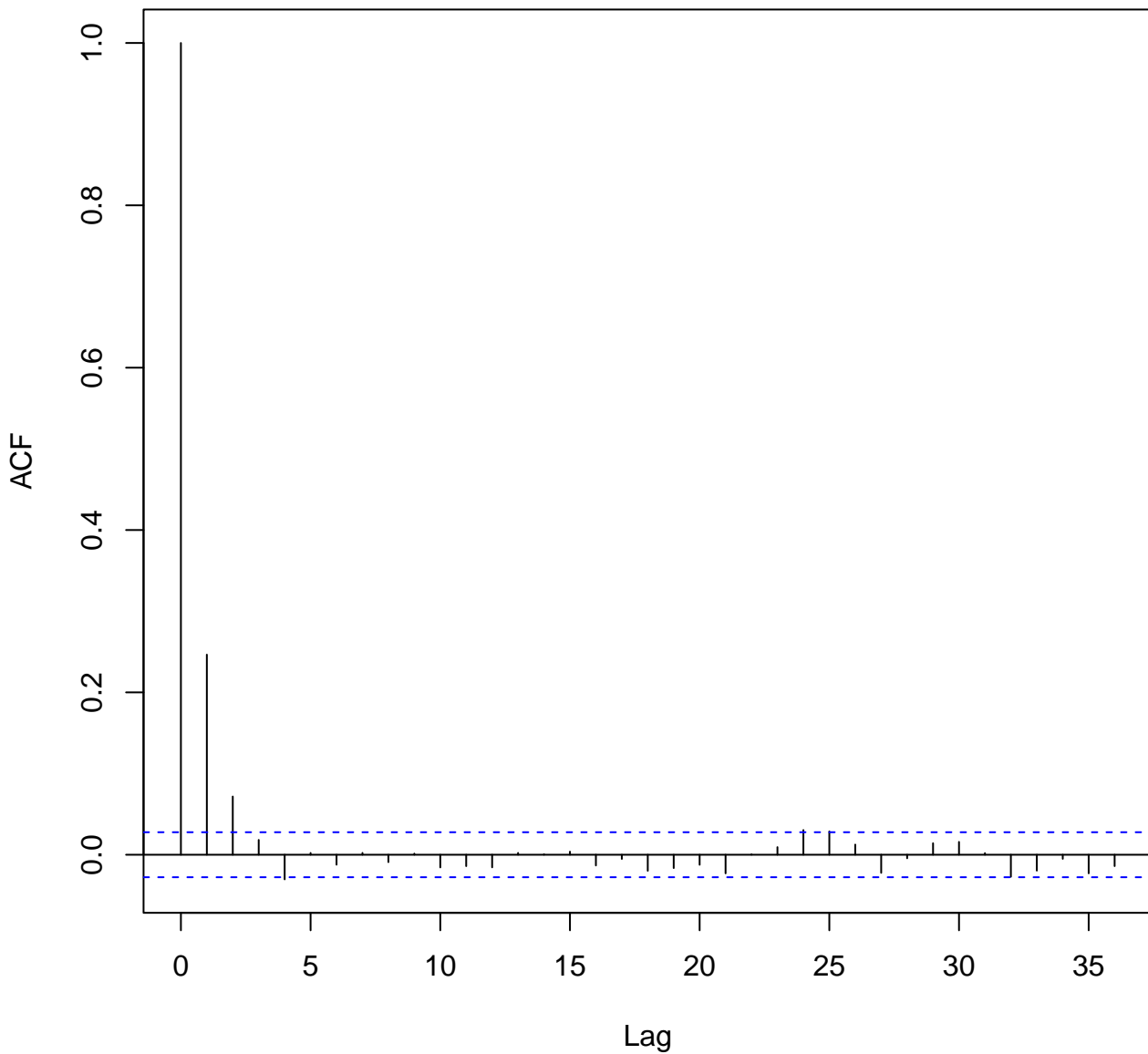
**X\_15 chain 3**



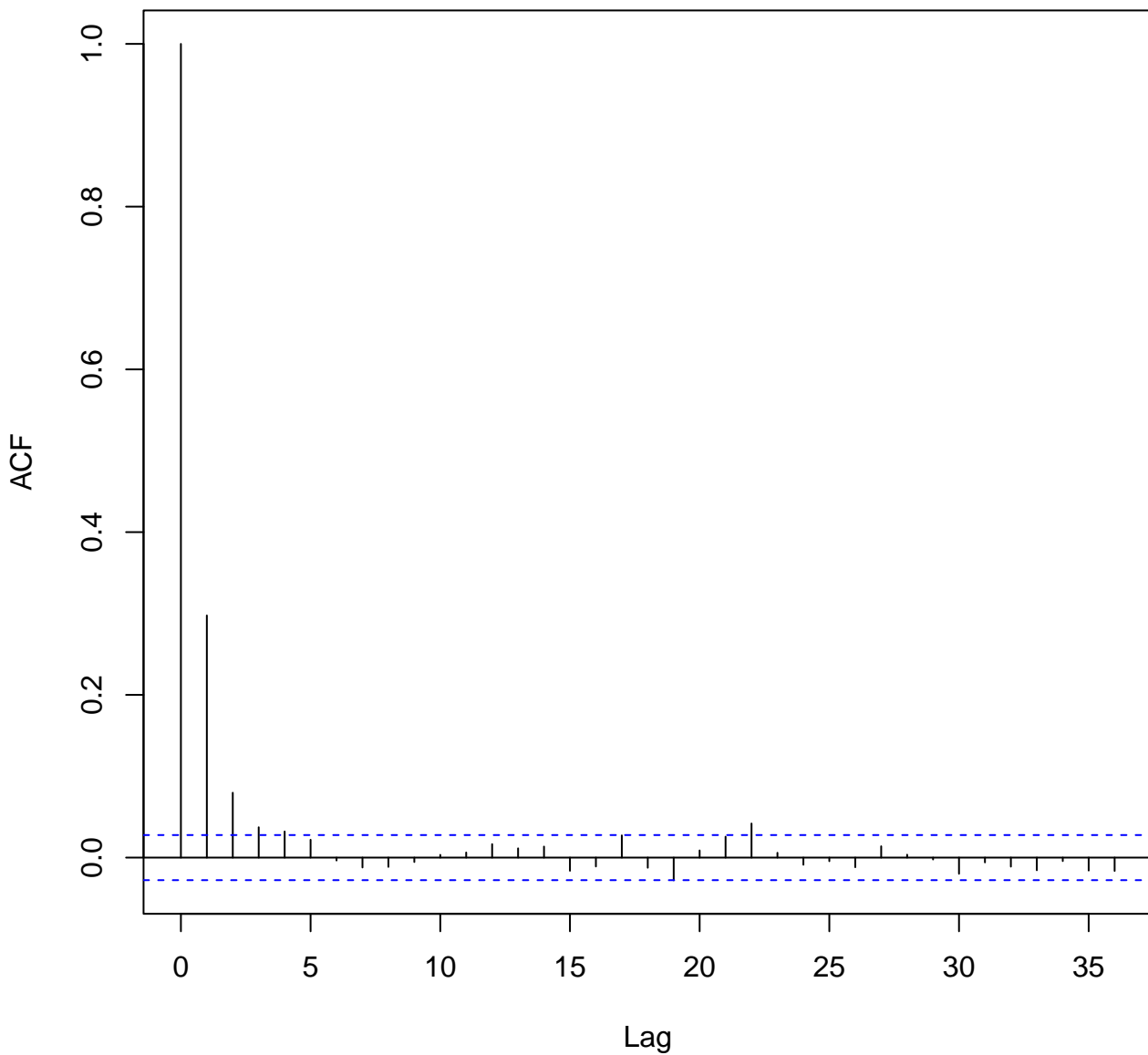
X\_15 chain 4



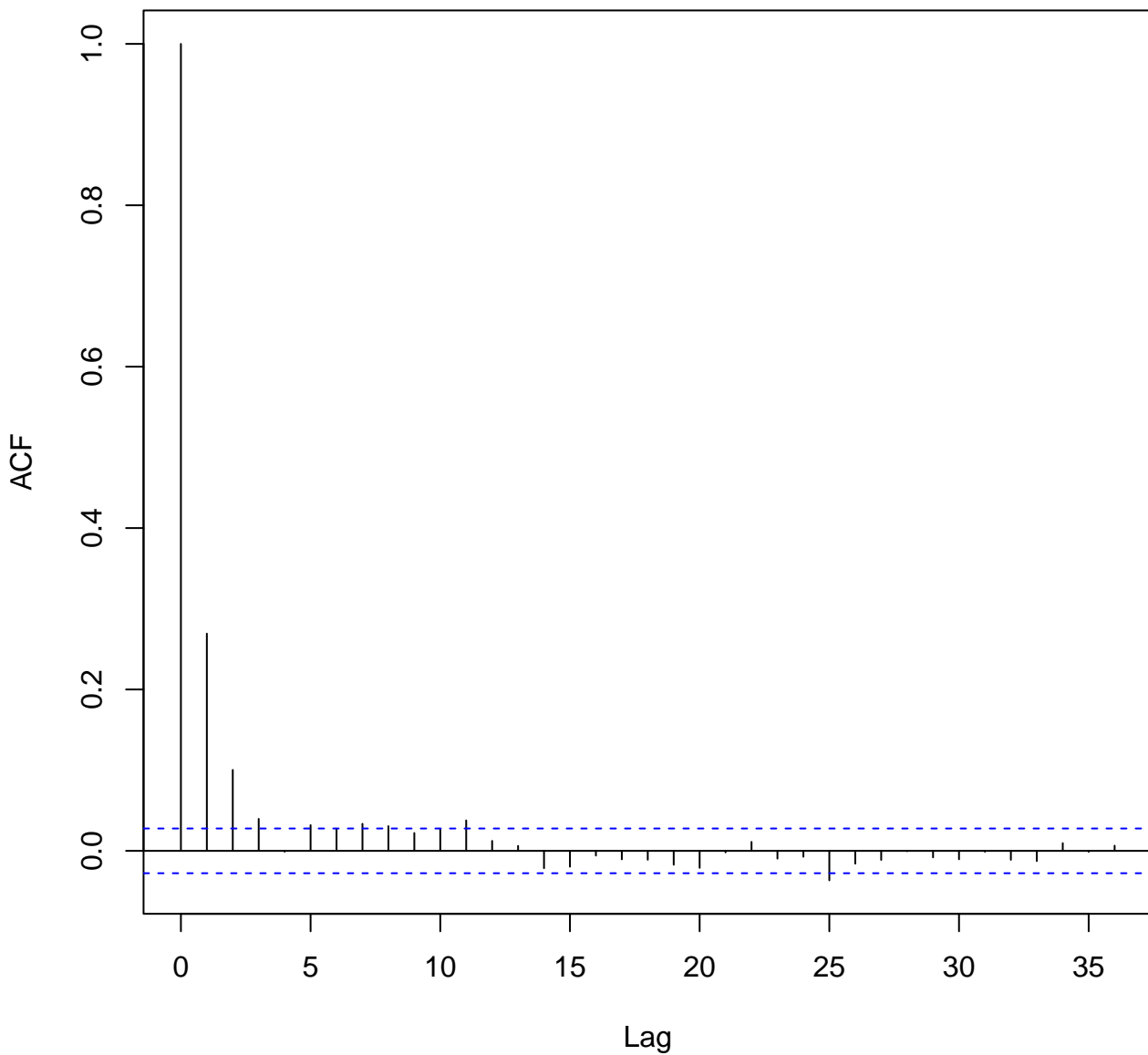
**X\_15 chain 5**



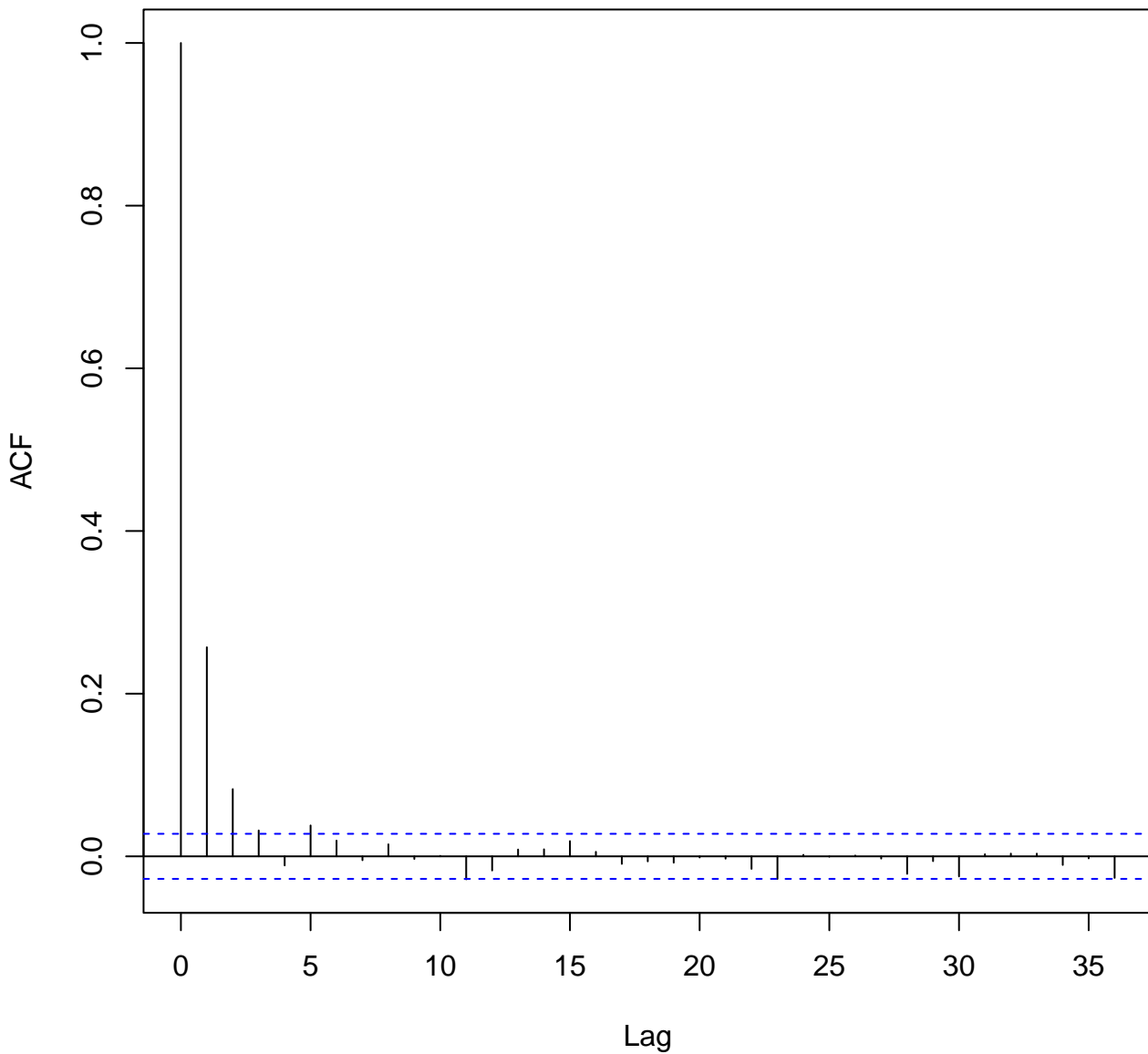
# X\_15 chain 6



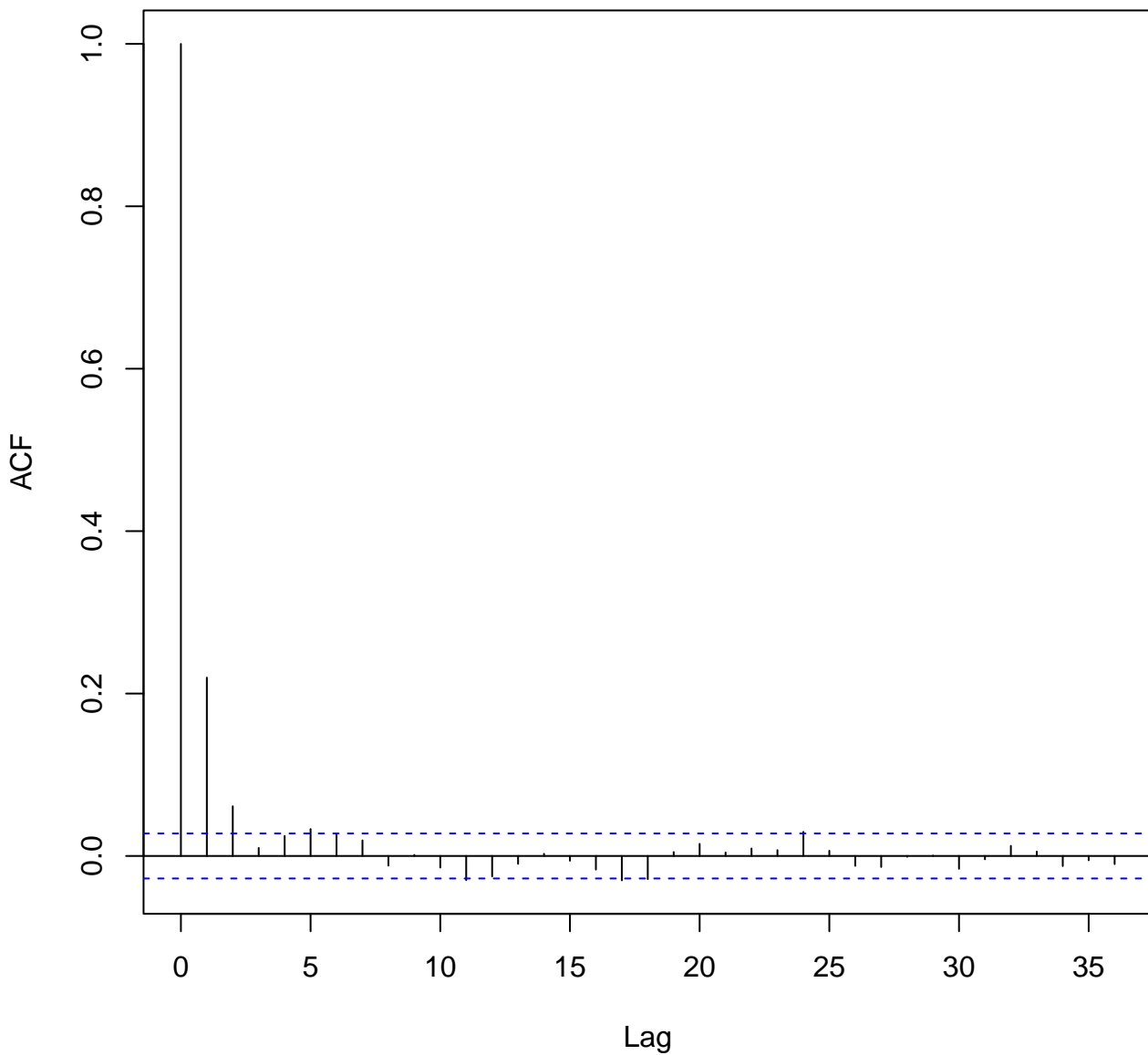
# X\_16 chain 1



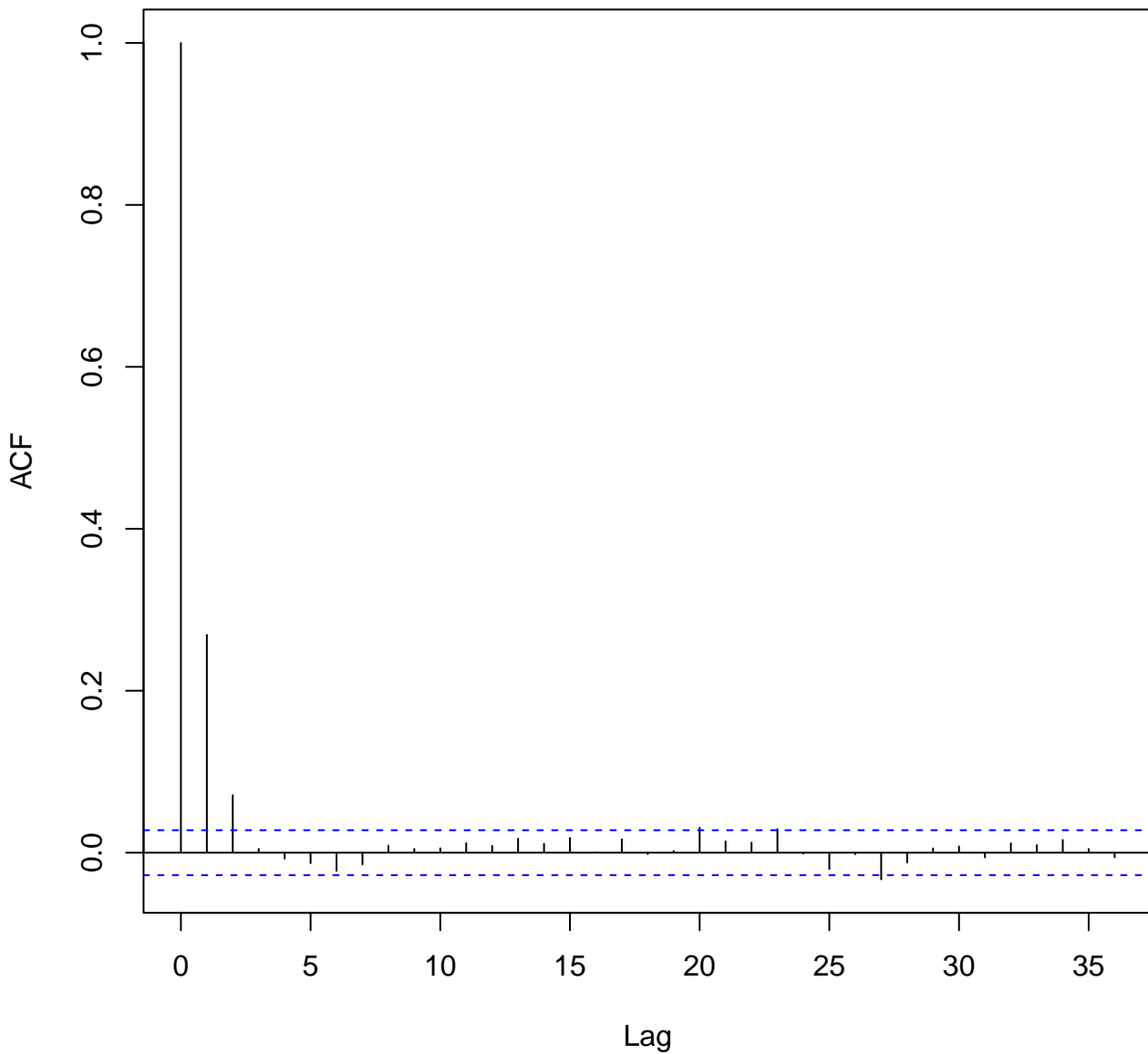
**X\_16 chain 2**



**X\_16 chain 3**

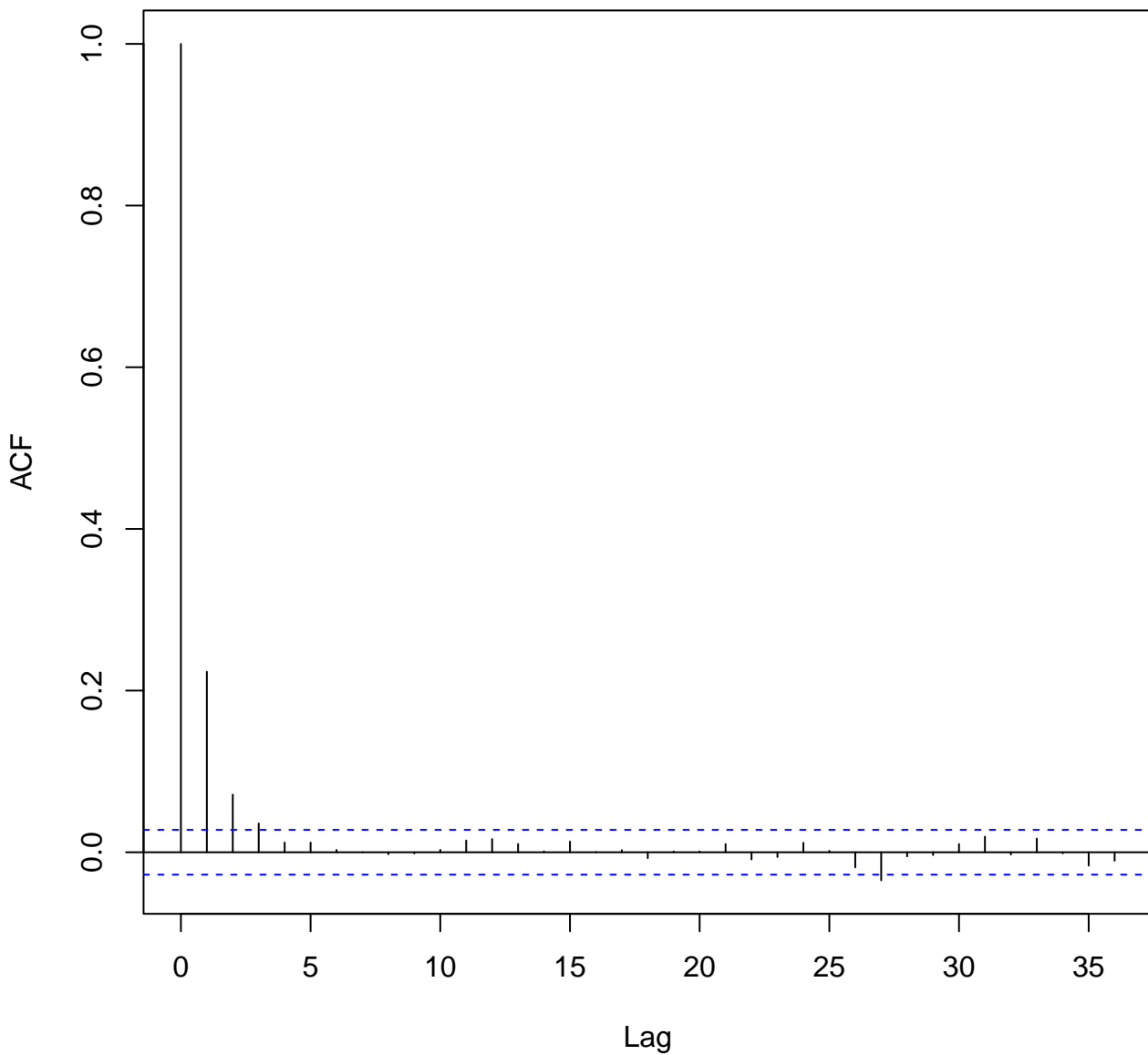


X\_16 chain 4

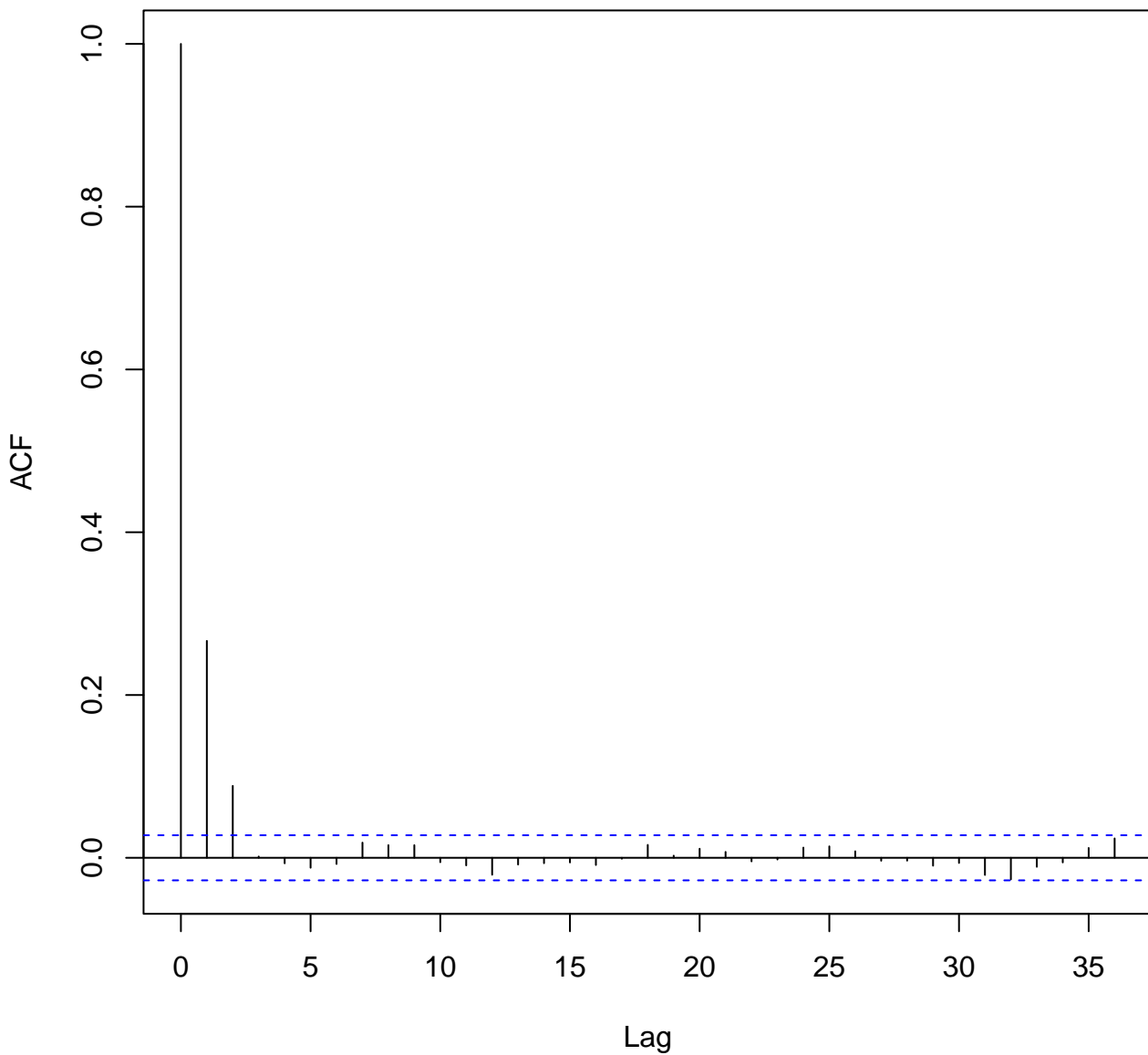




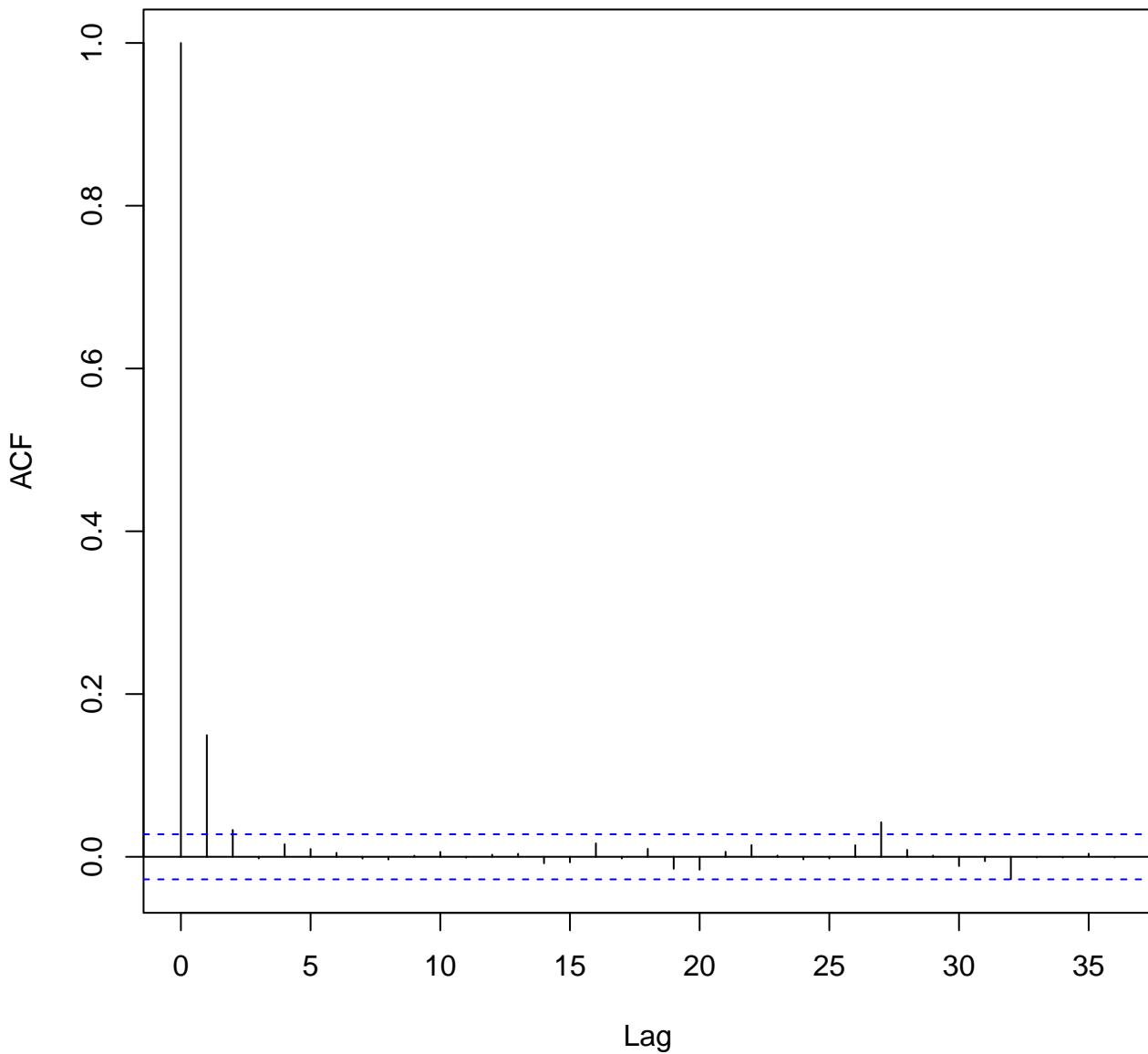
# X\_16 chain 5



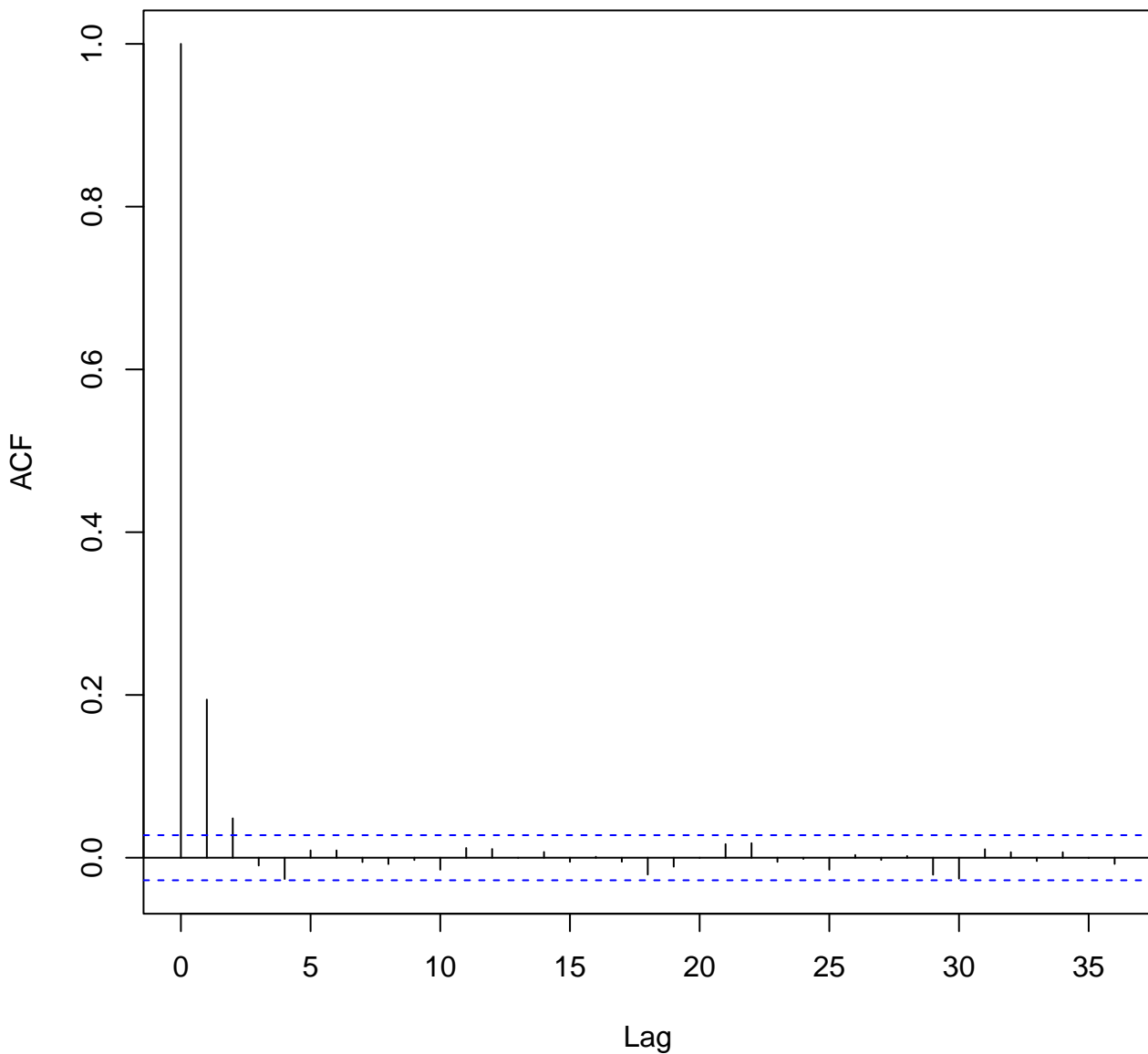
X\_16 chain 6



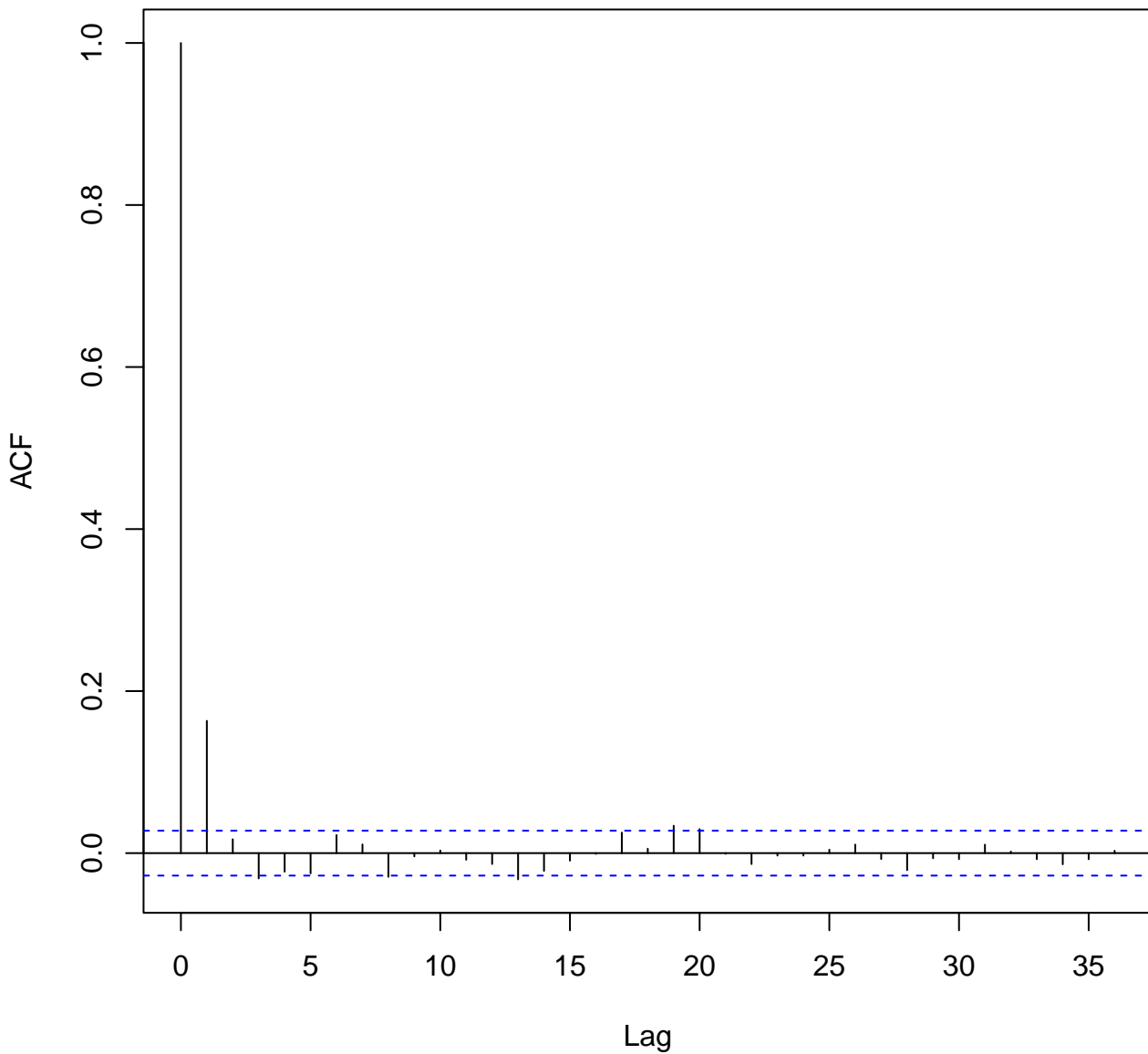
X\_17 chain 1



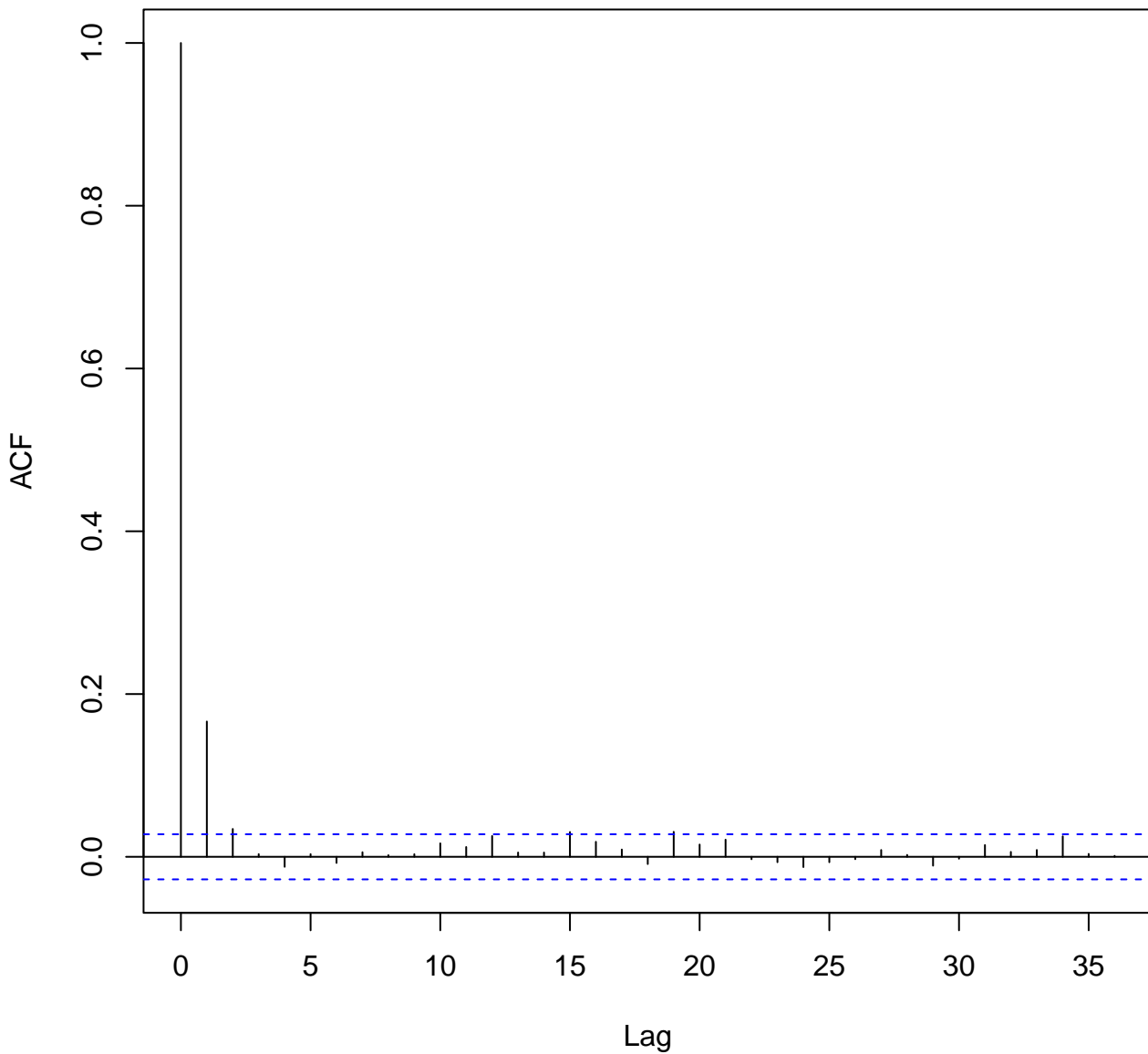
# X\_17 chain 2



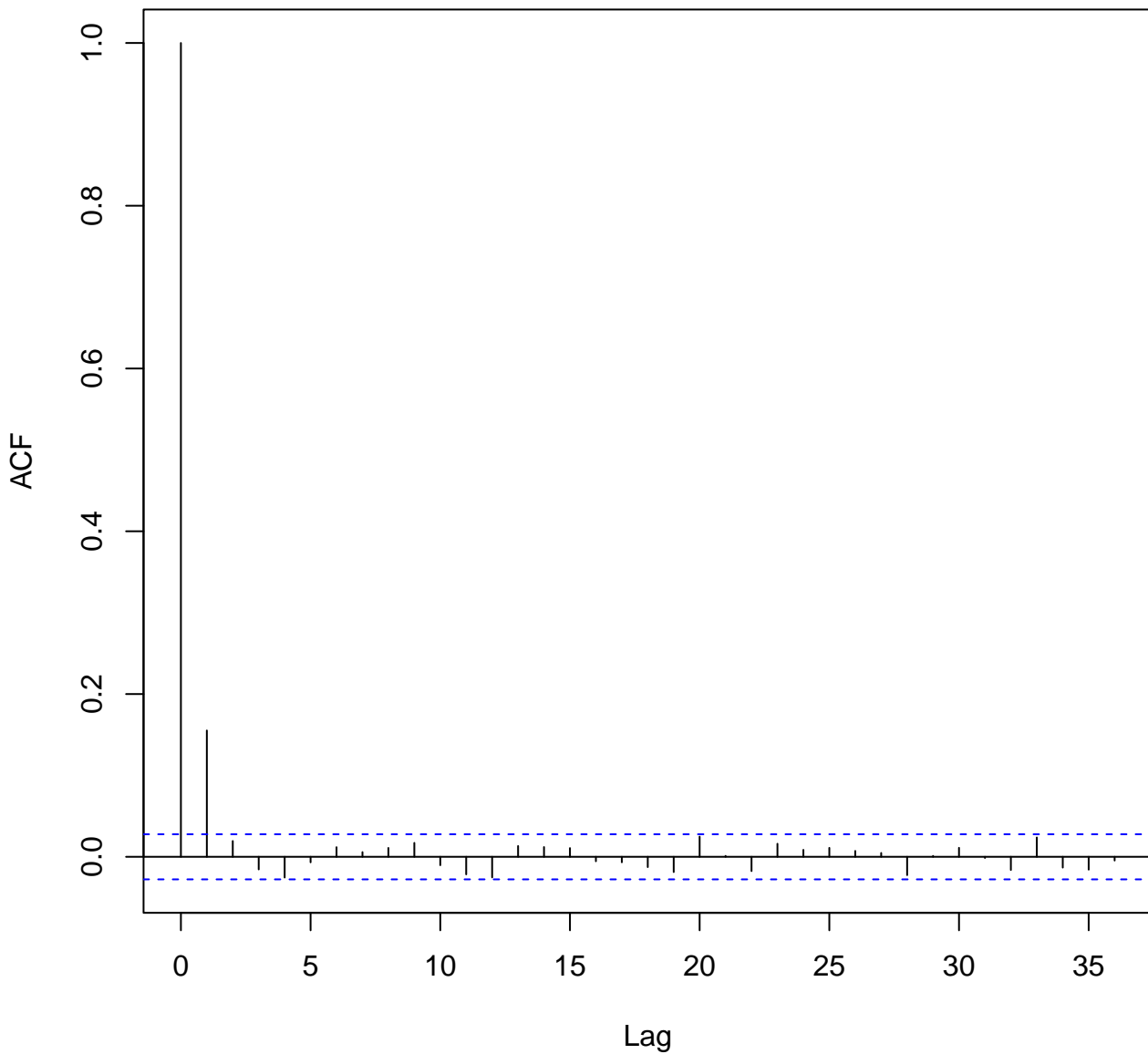
# X\_17 chain 3



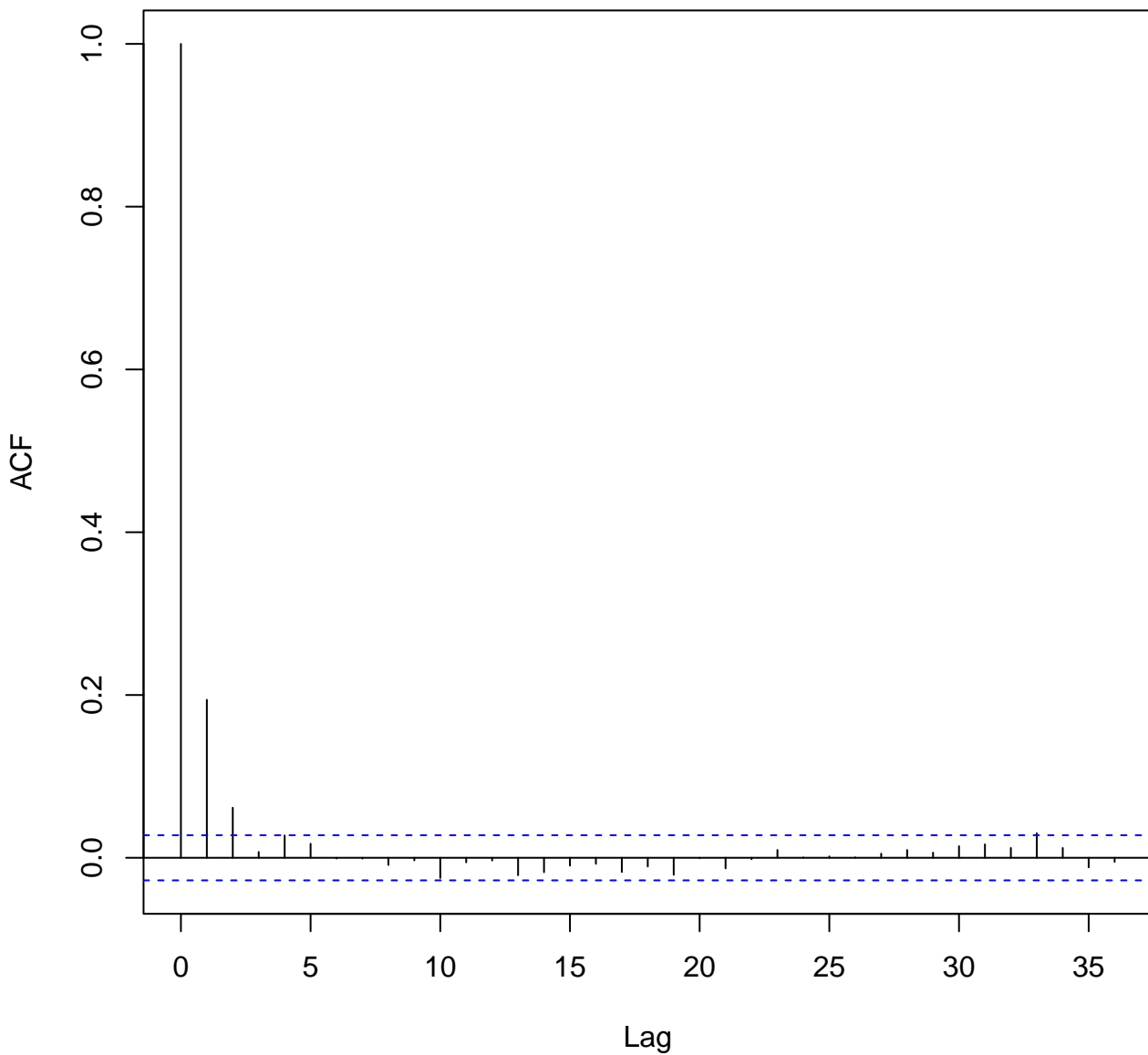
X\_17 chain 4



# X\_17 chain 5

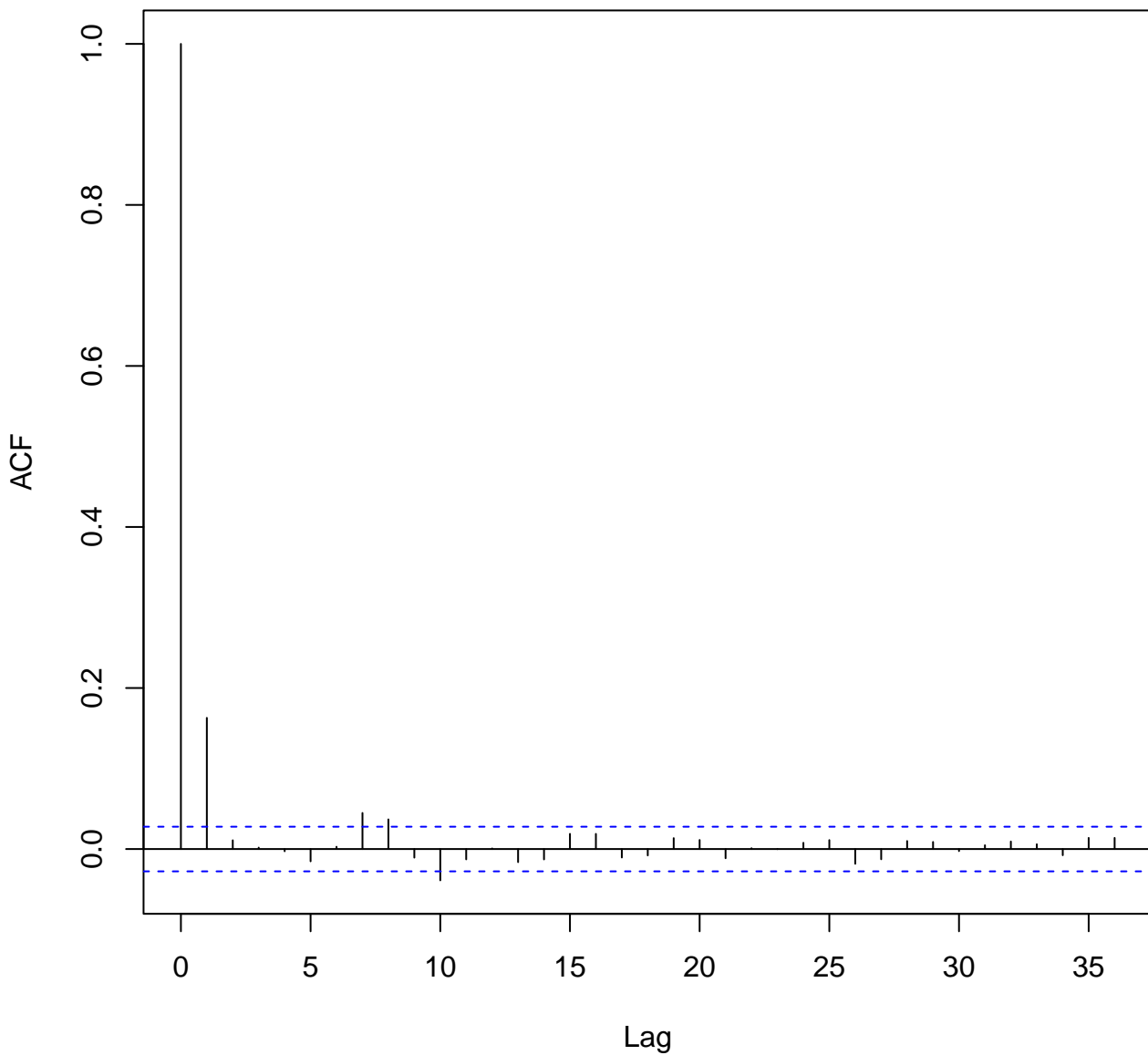


X\_17 chain 6

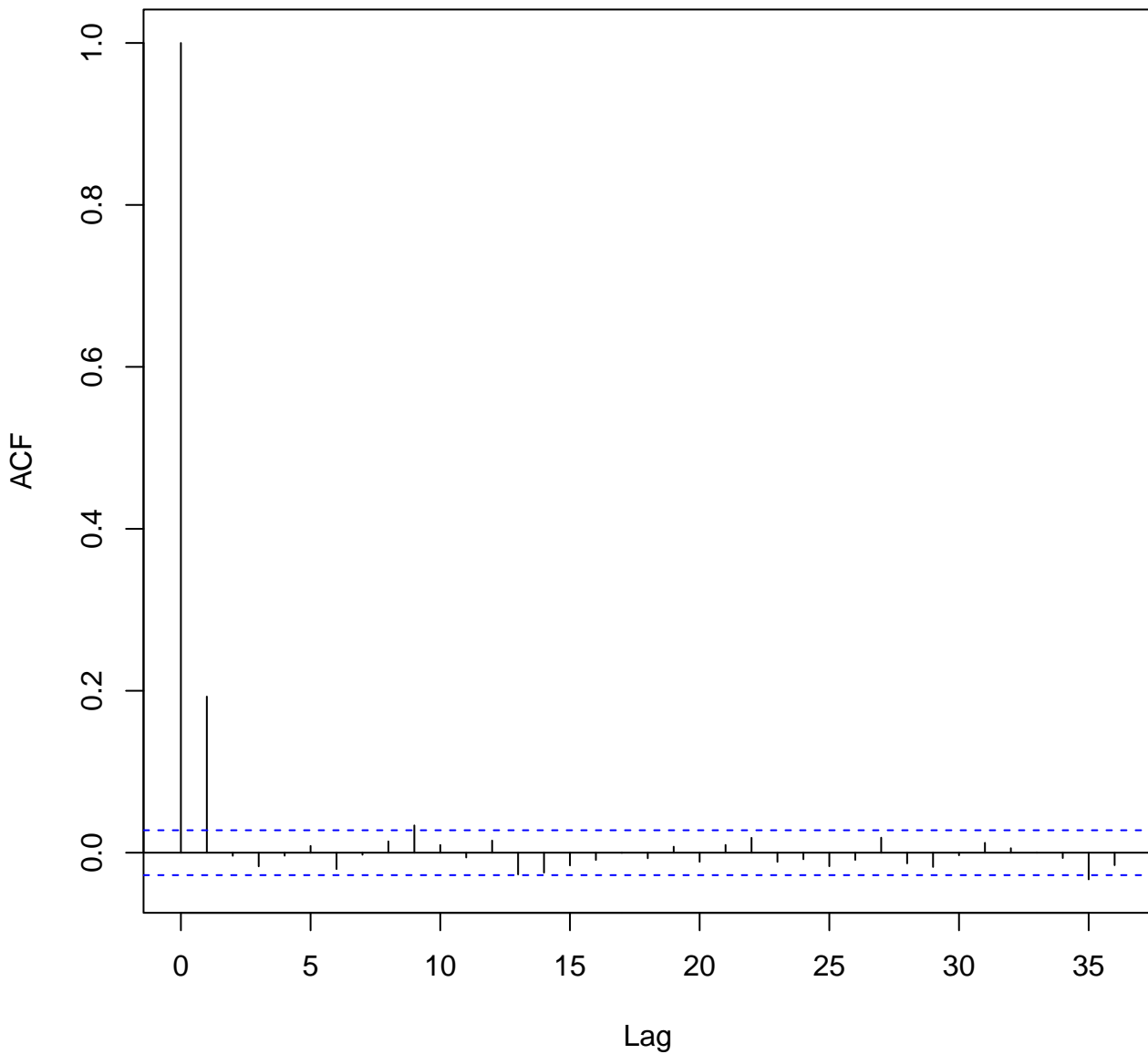




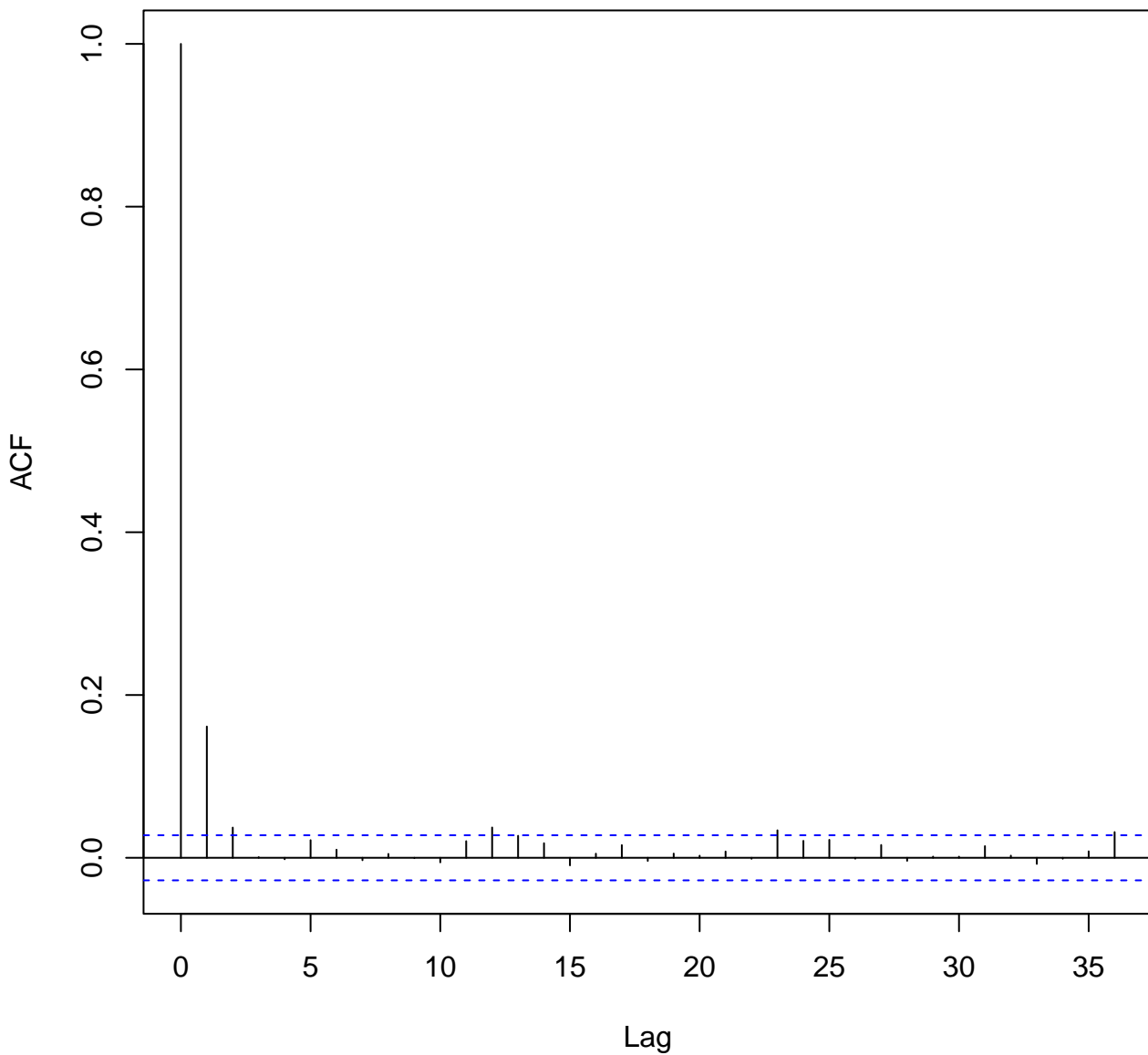
# X\_18 chain 1



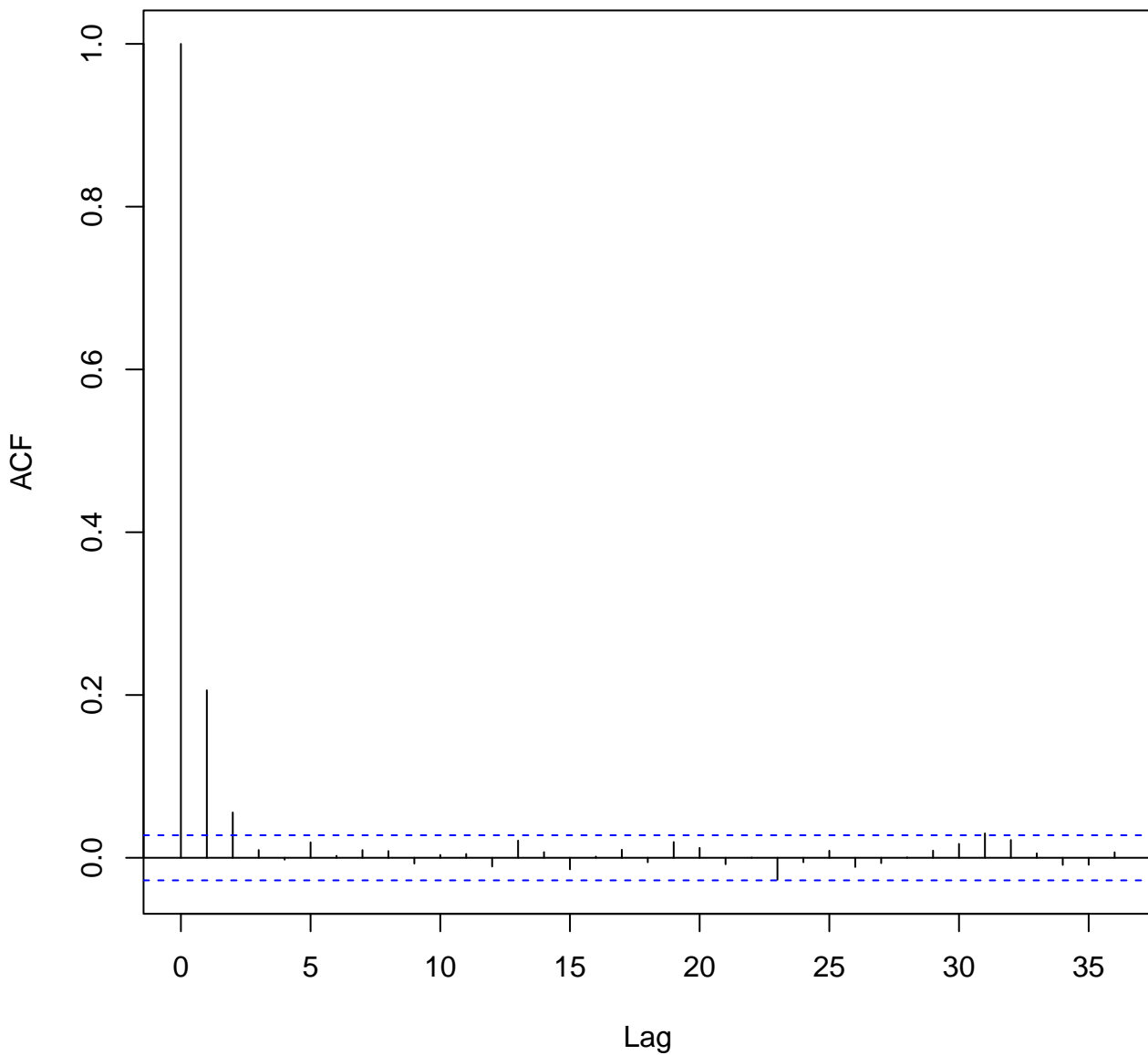
**X\_18 chain 2**



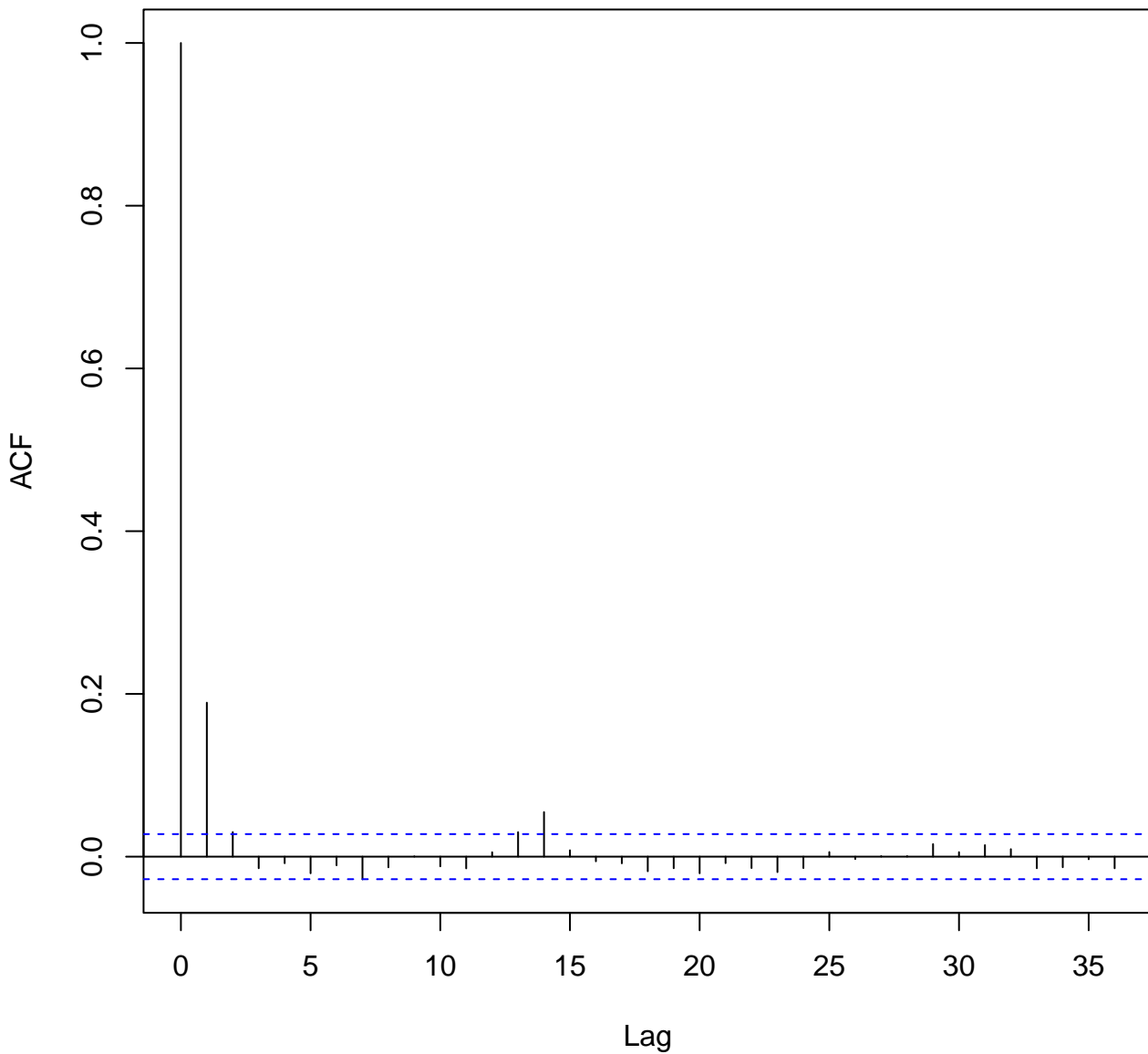
X\_18 chain 3



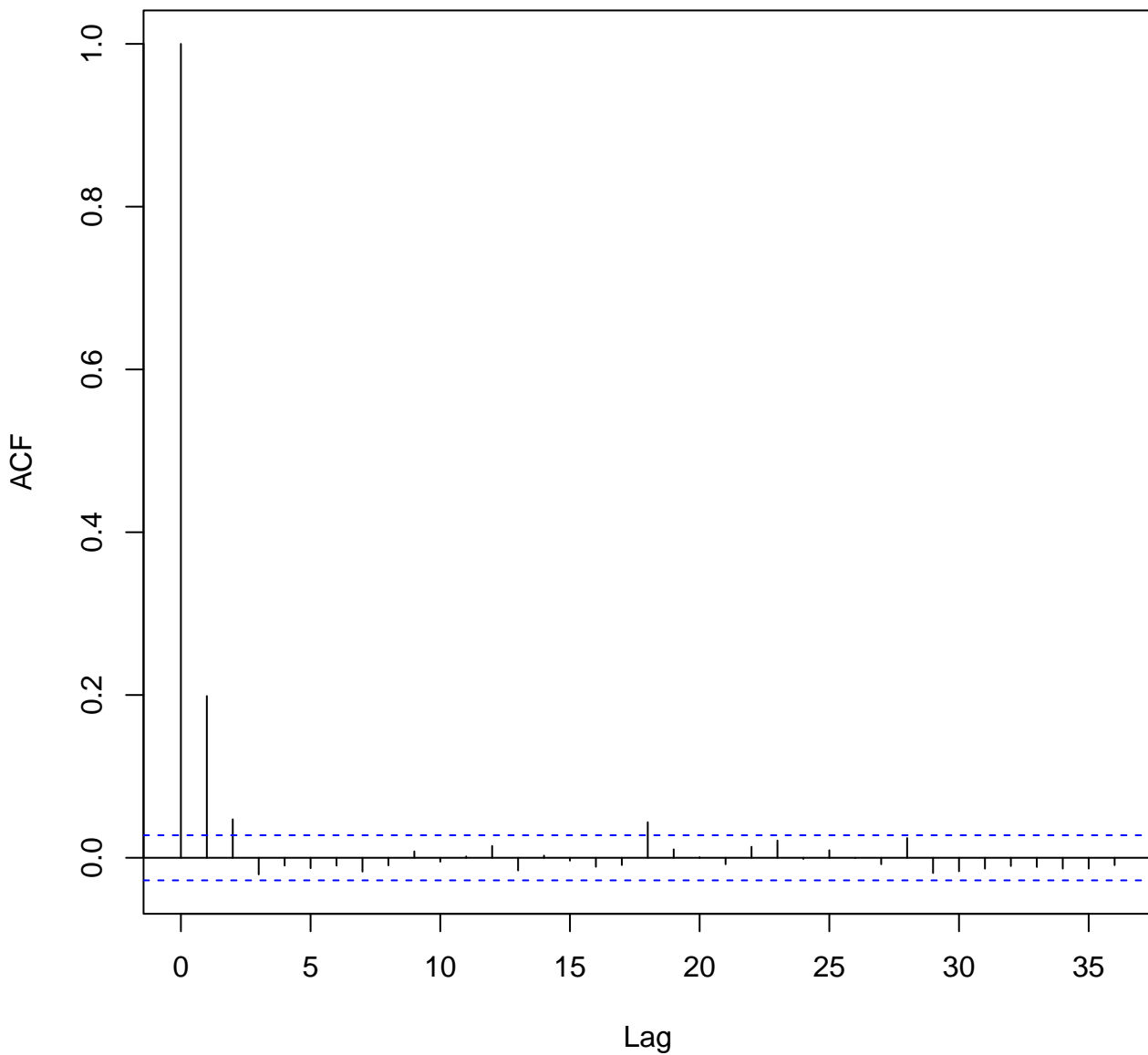
# X\_18 chain 4



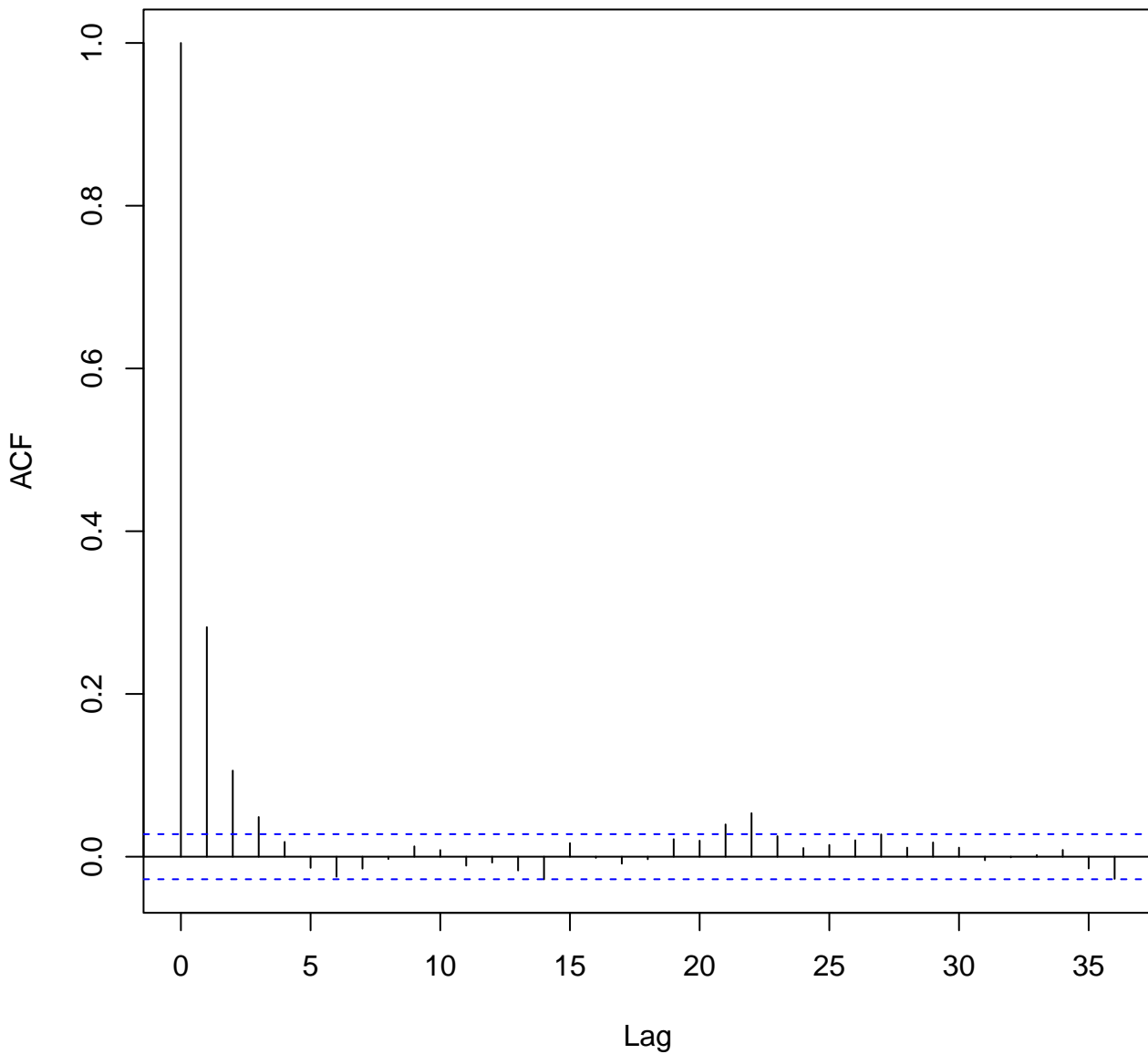
**X\_18 chain 5**



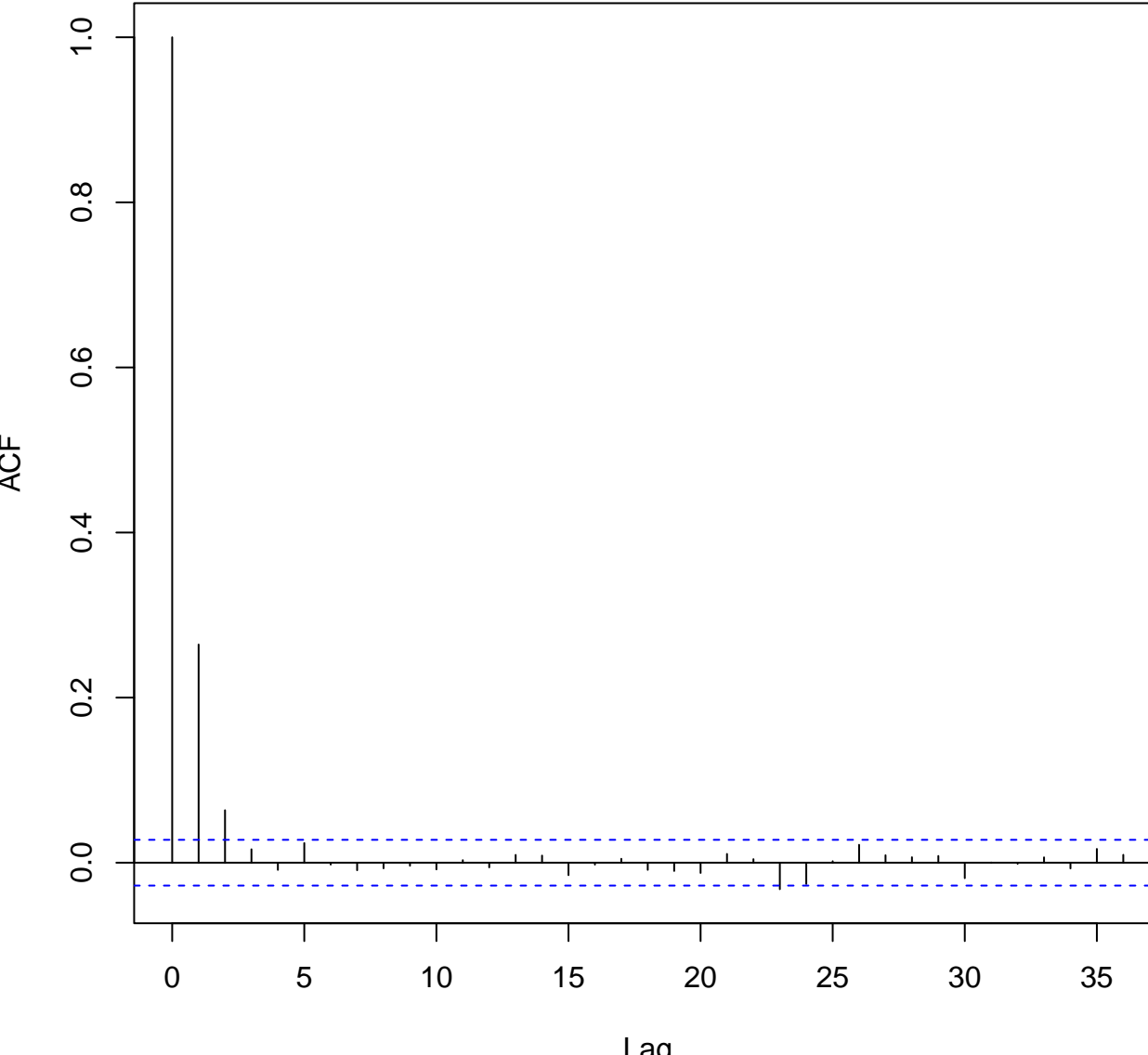
X\_18 chain 6



**X\_19 chain 1**

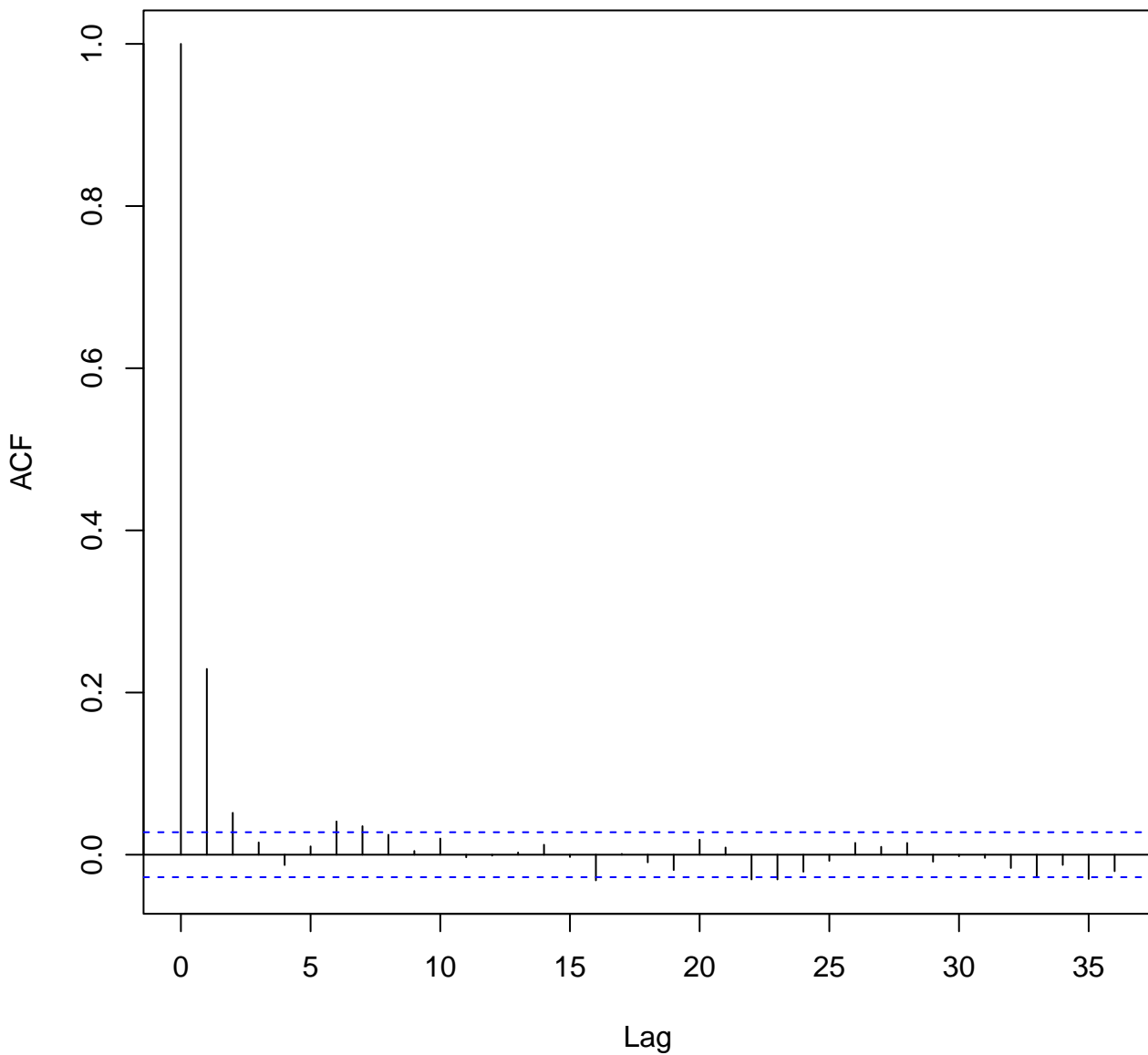


# X 19 chain 2

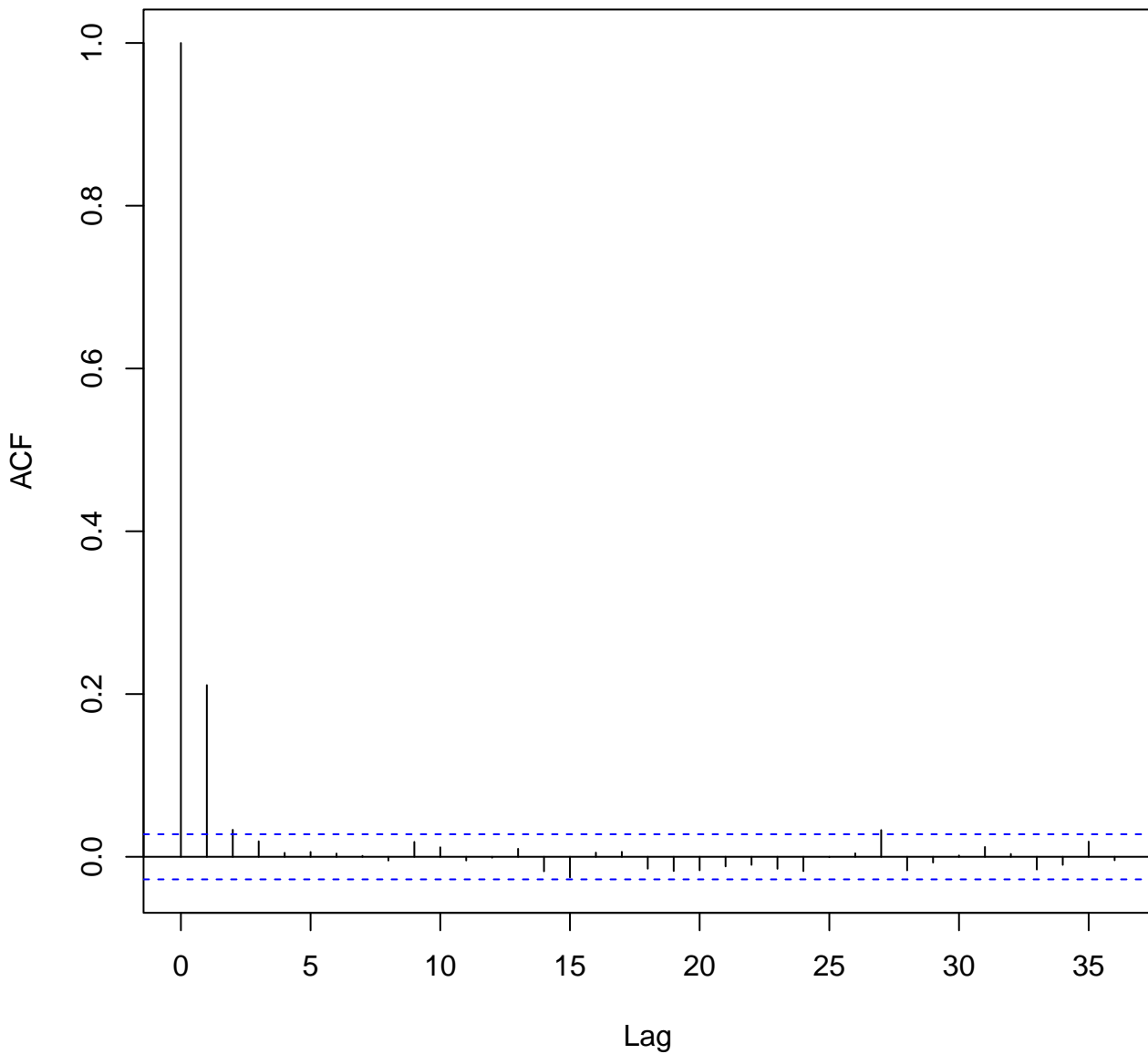




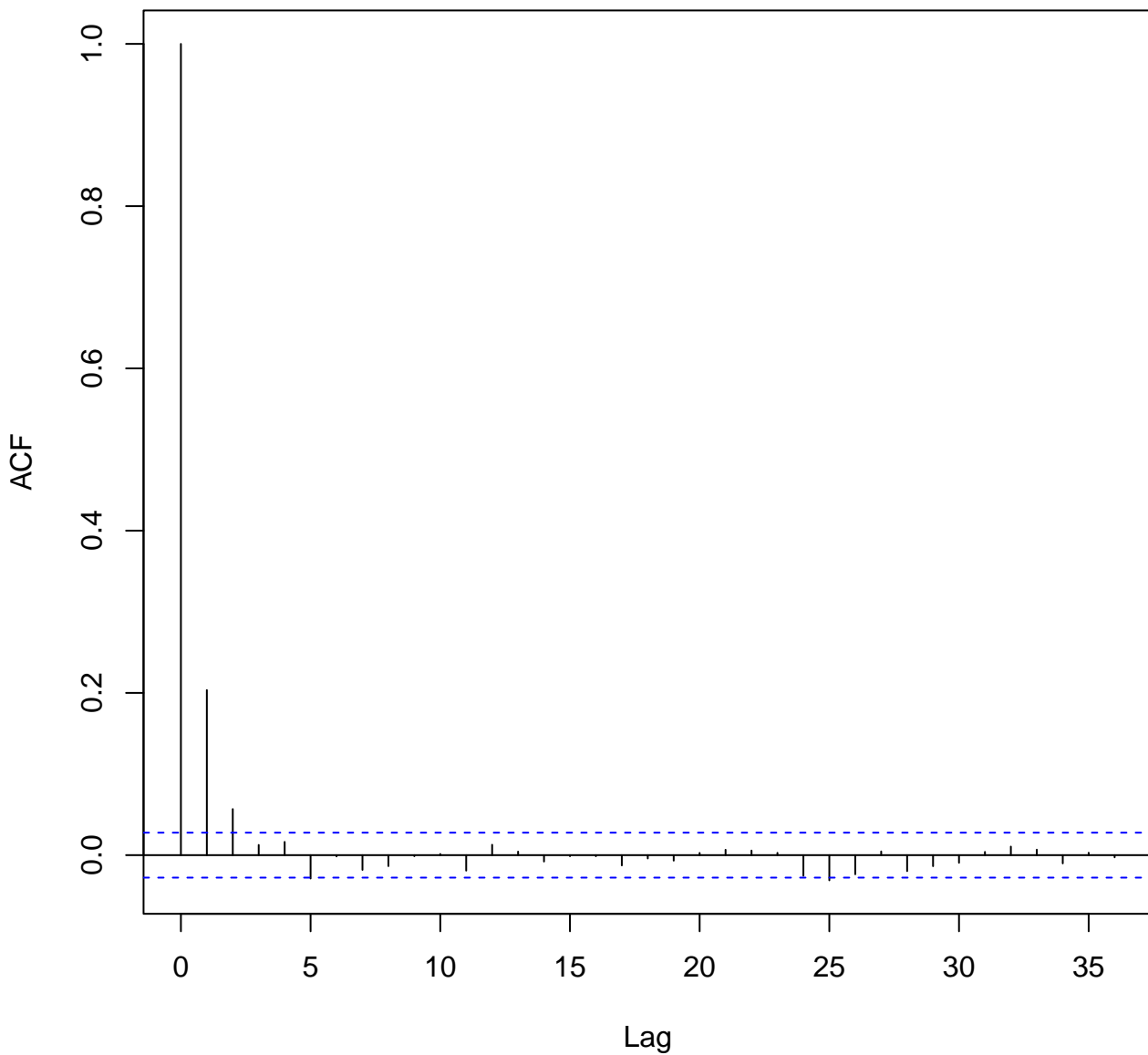
# X\_19 chain 3



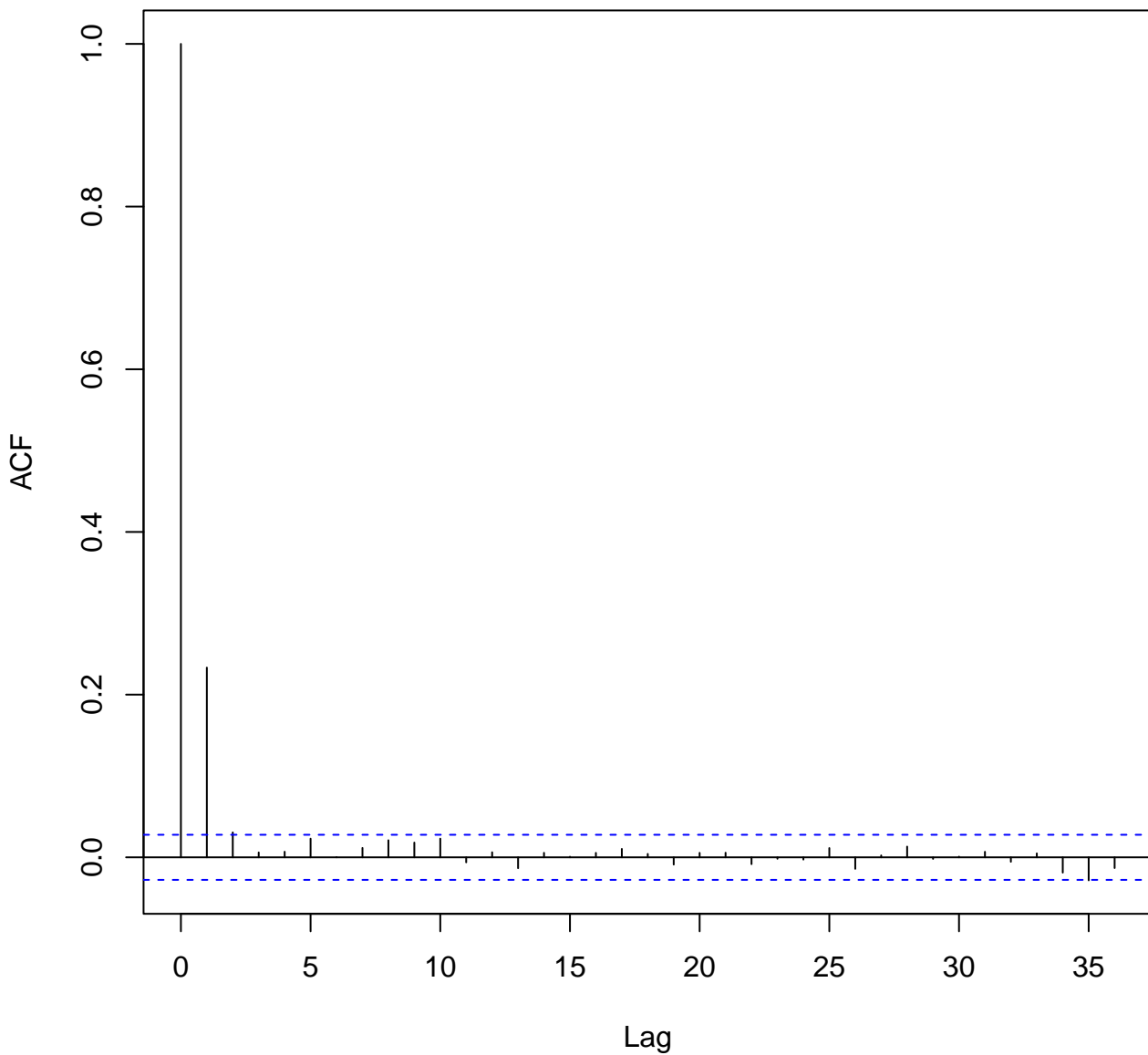
**X\_19 chain 4**



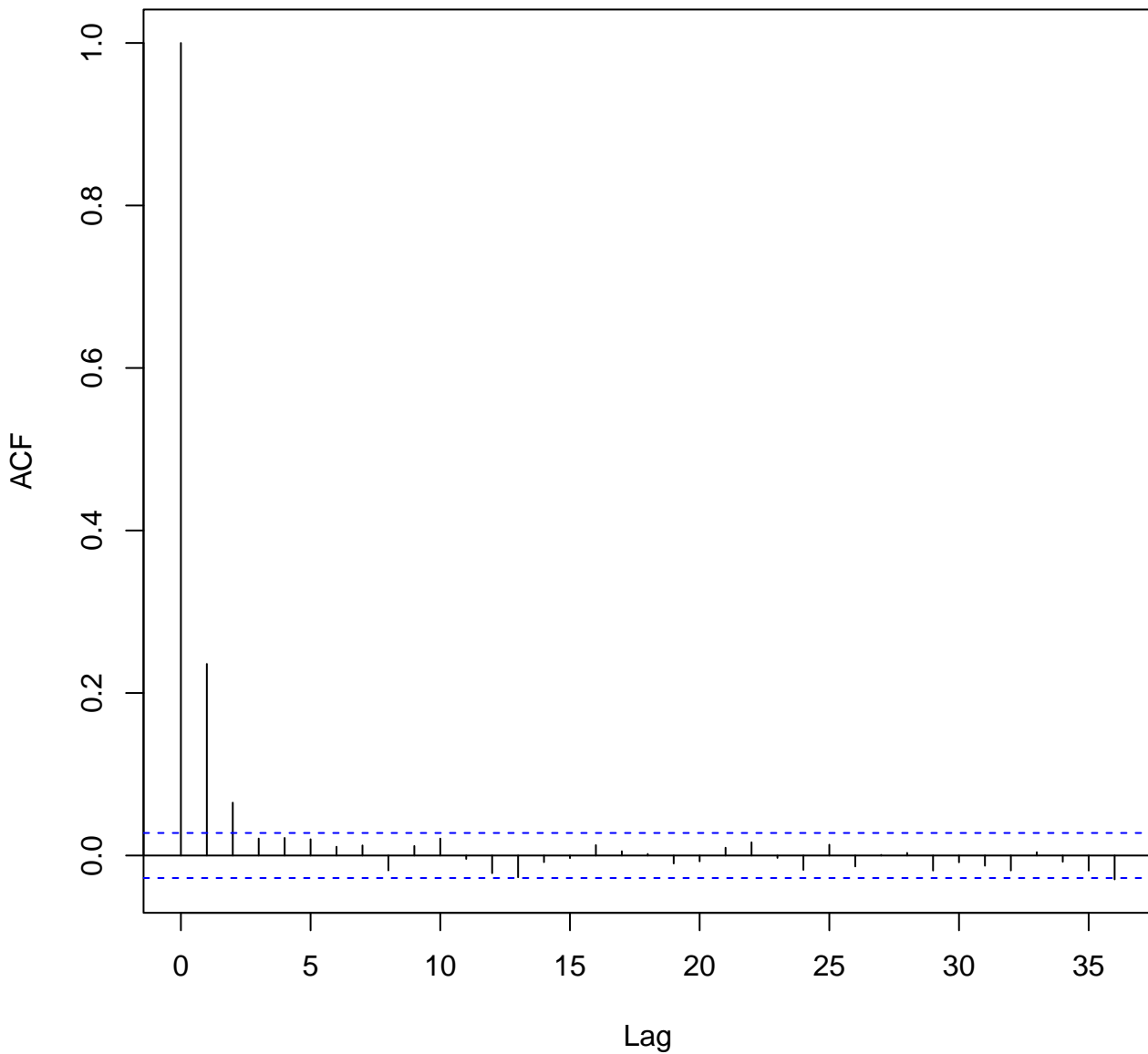
**X\_19 chain 5**



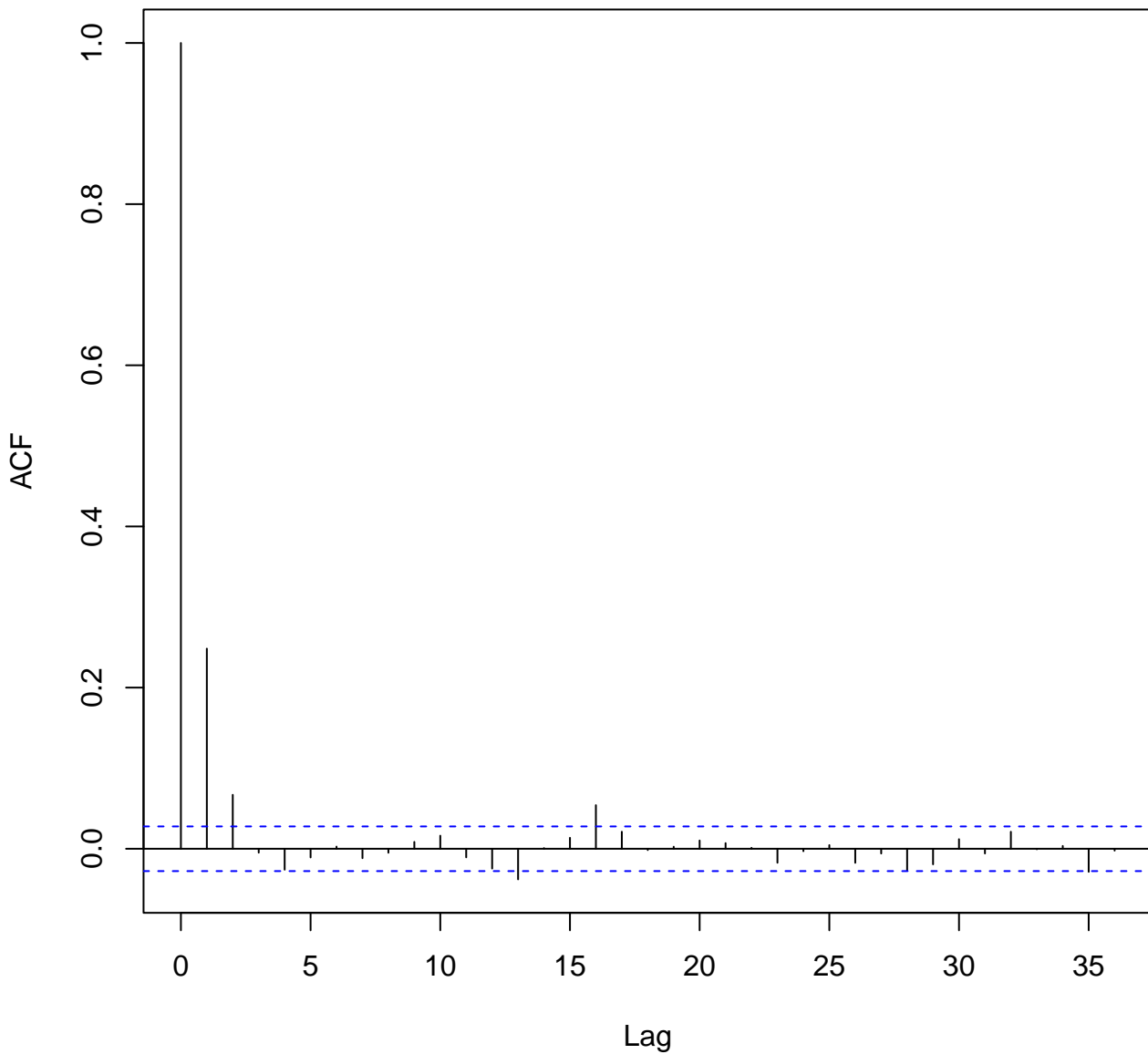
# X\_19 chain 6



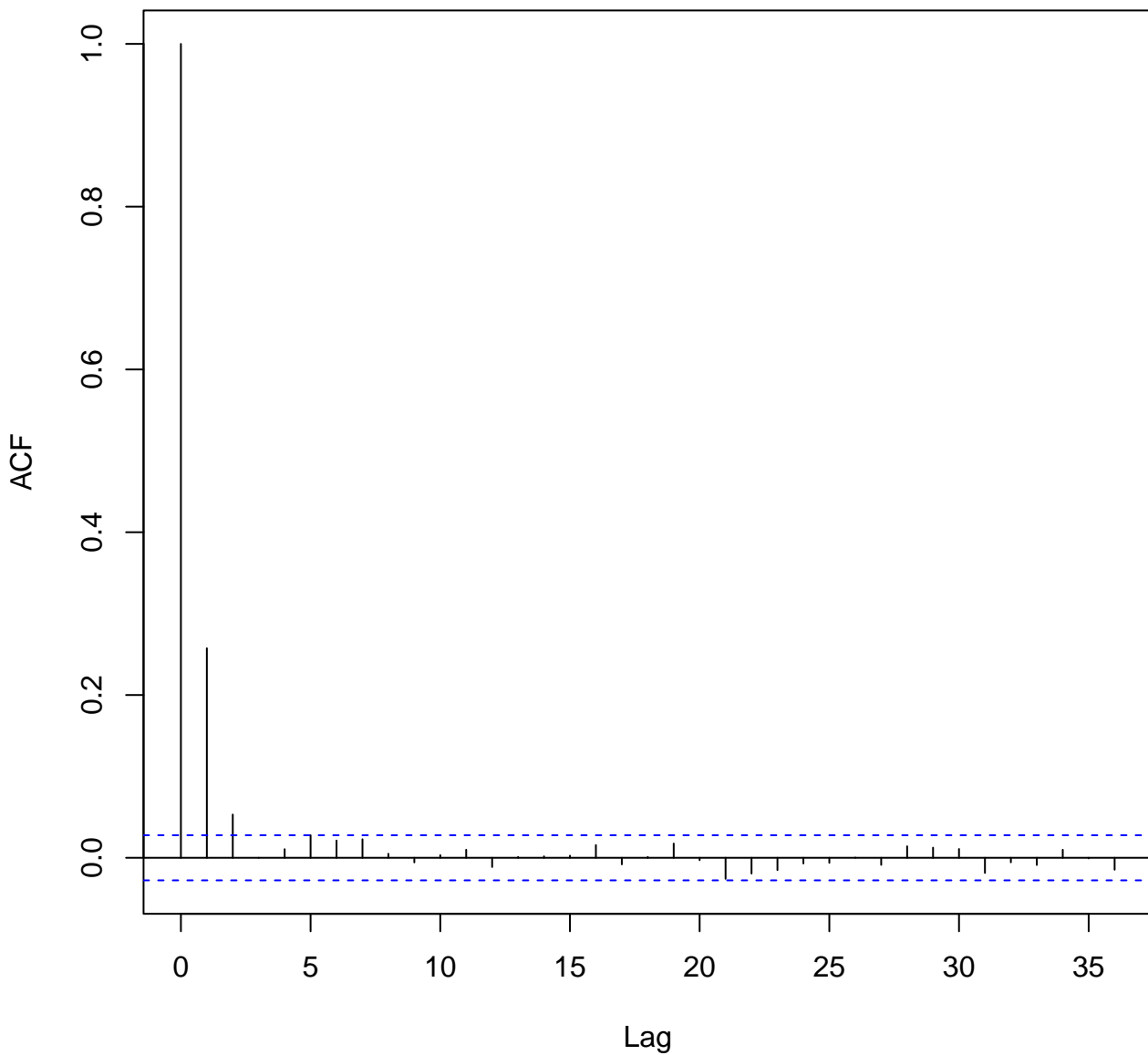
X\_20 chain 1



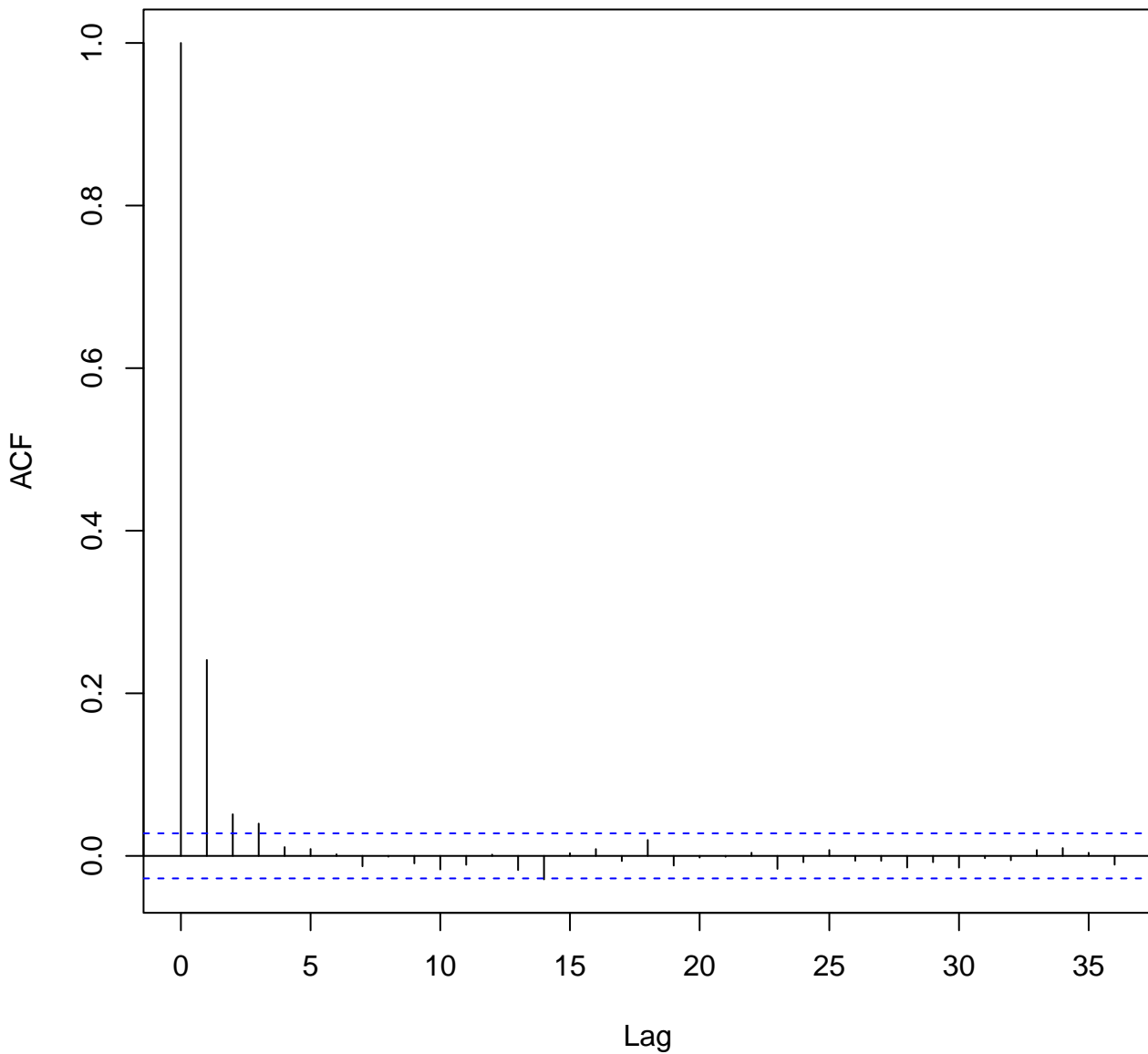
**X\_20 chain 2**



**X\_20 chain 3**

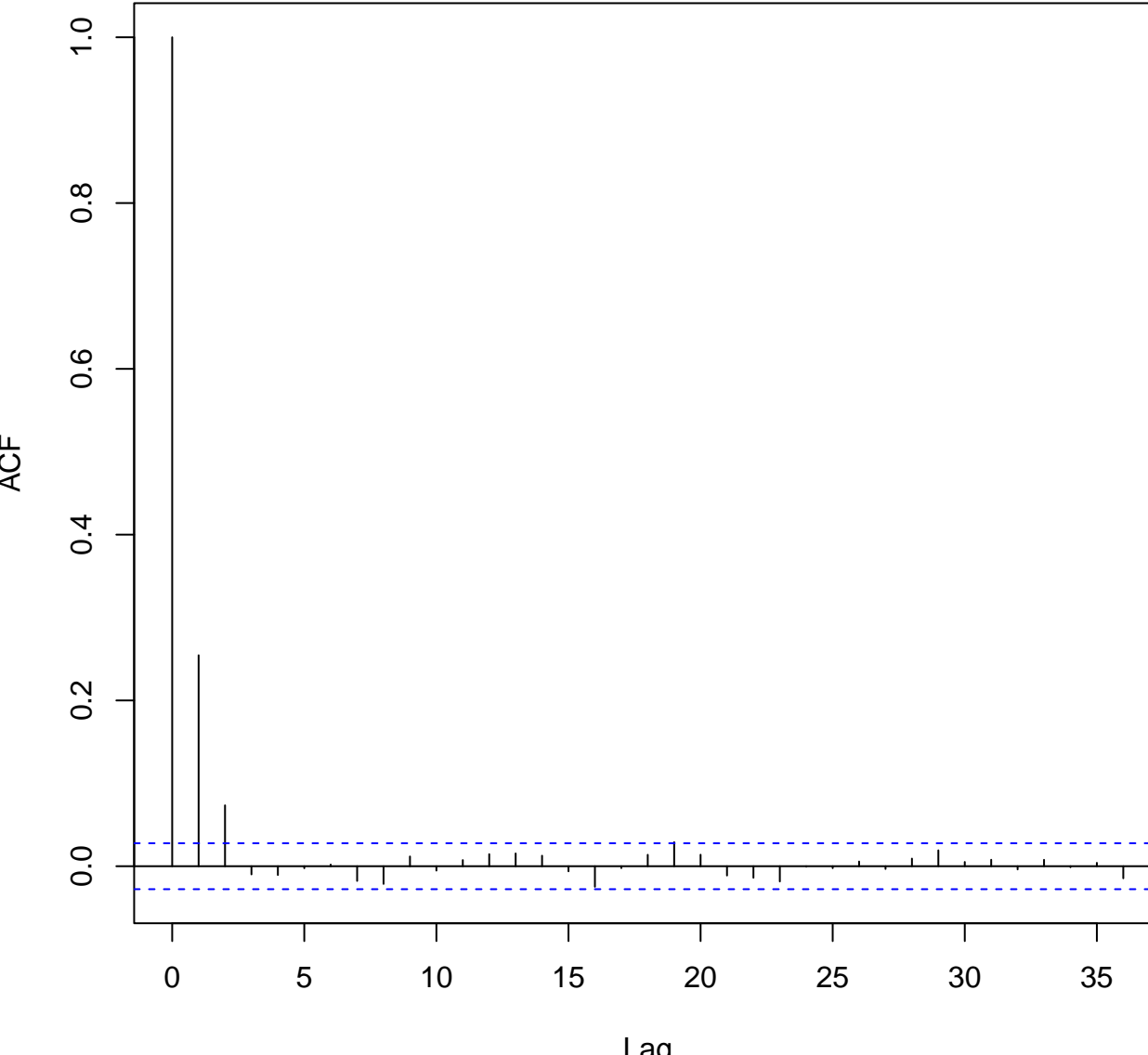


X\_20 chain 4

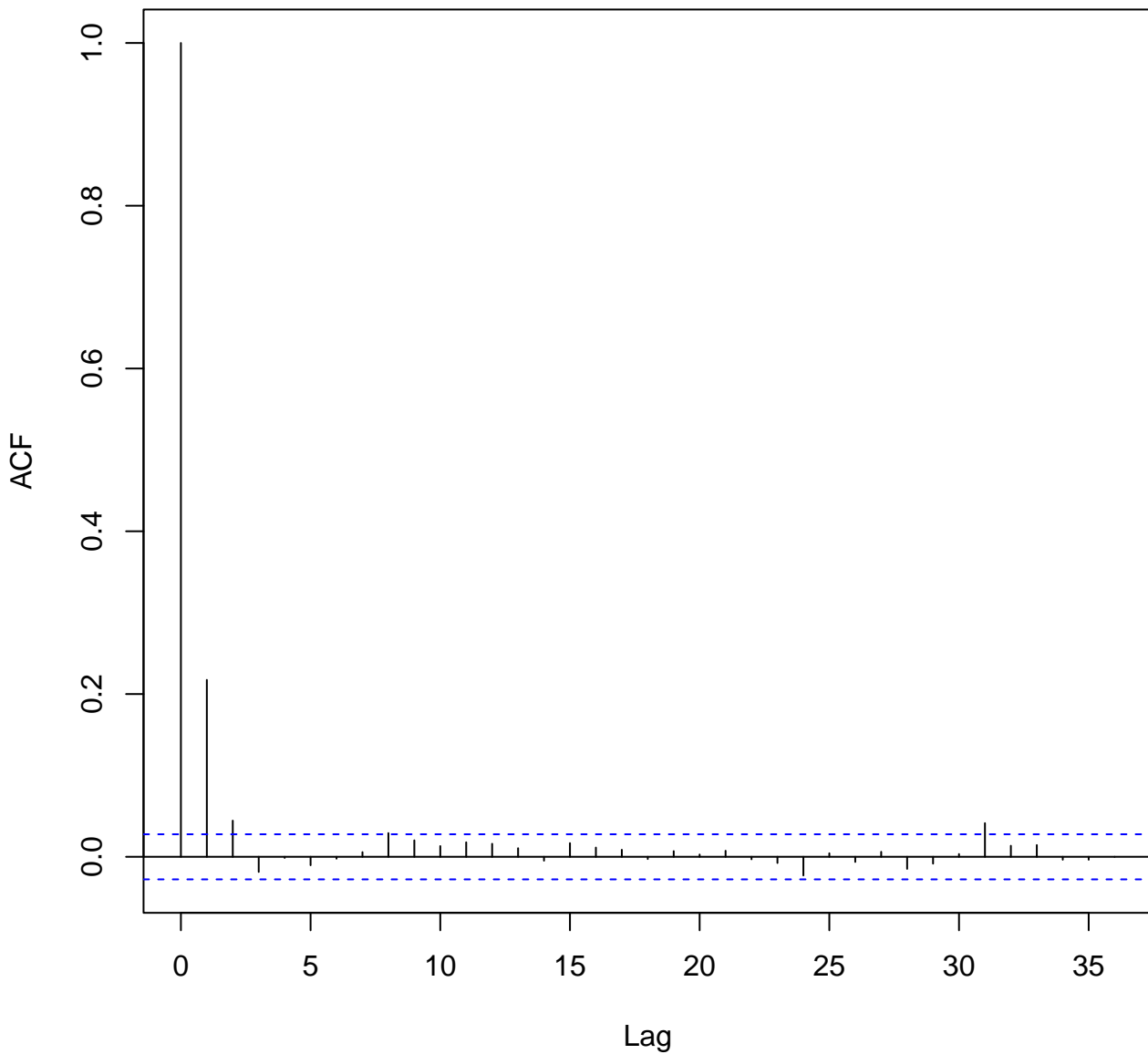




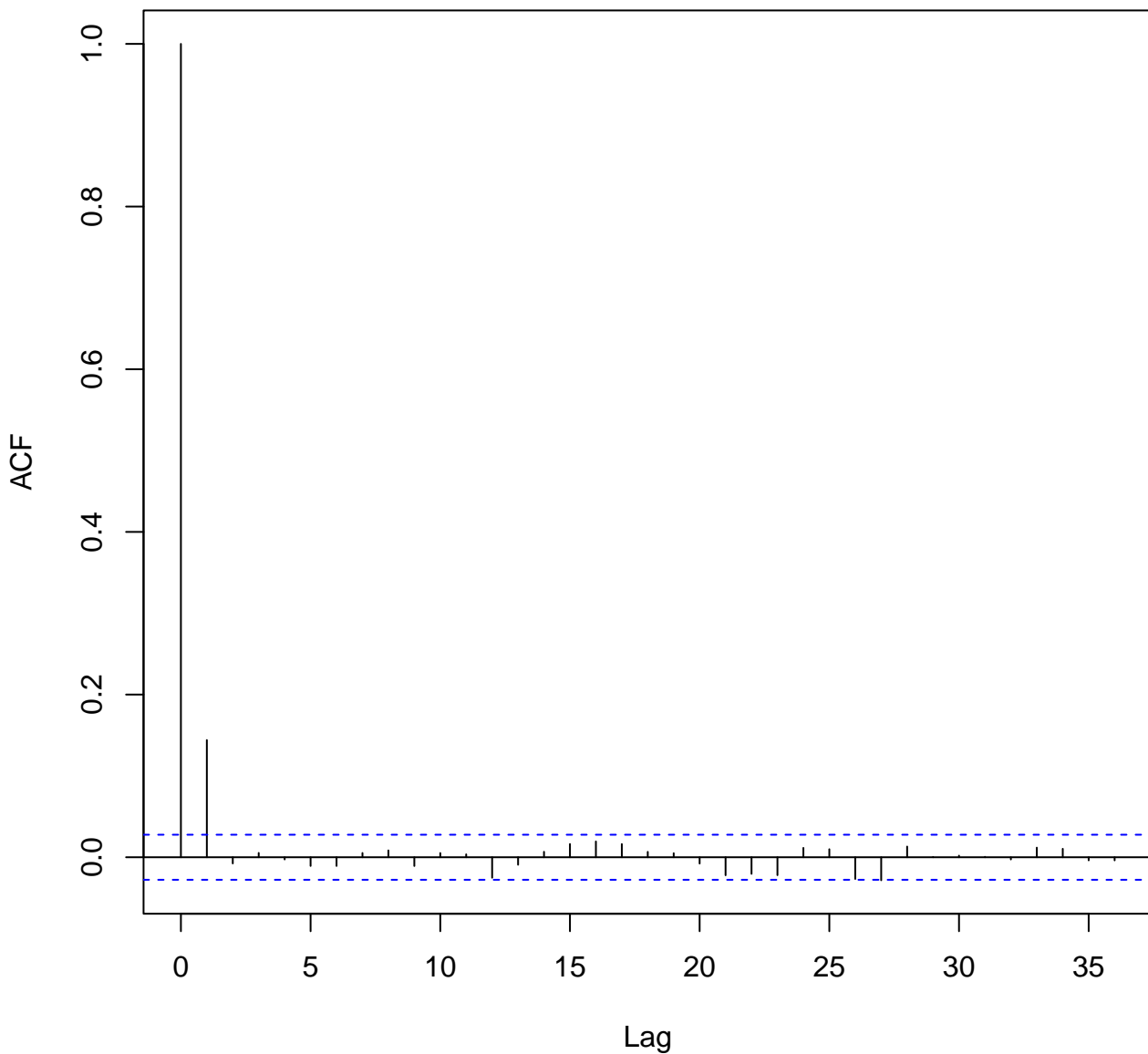
# X 20 chain 5



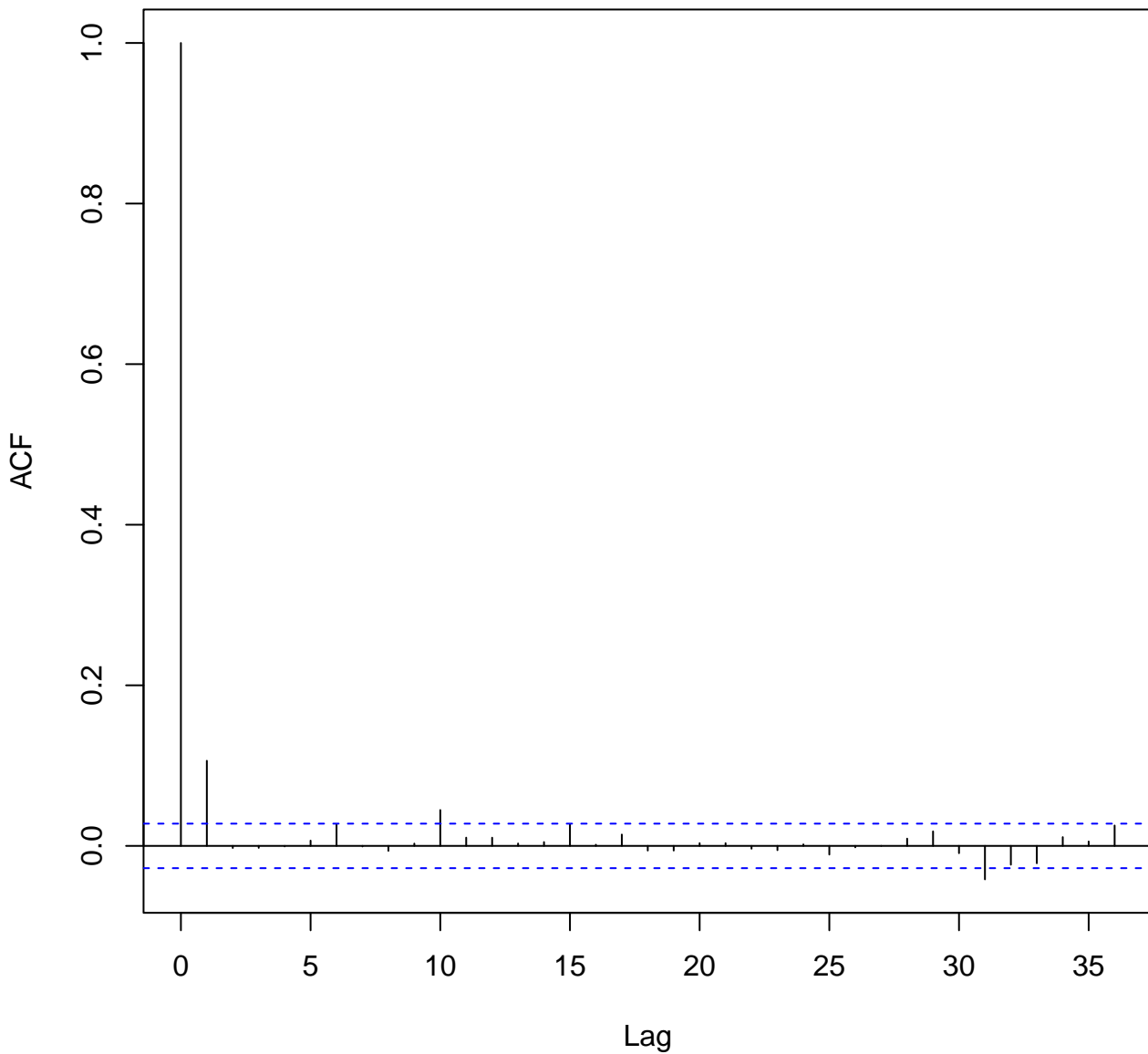
X\_20 chain 6



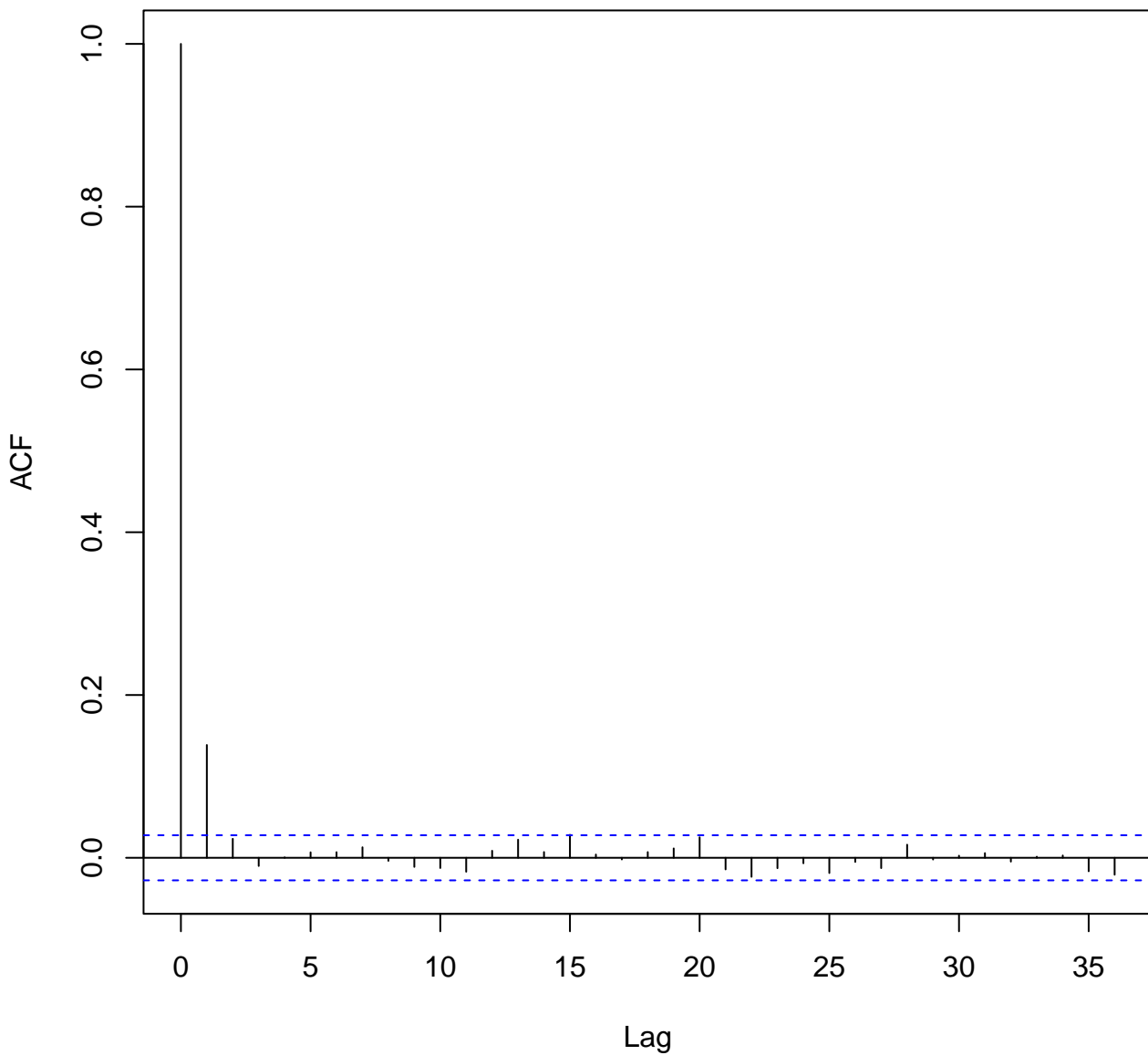
X\_21 chain 1



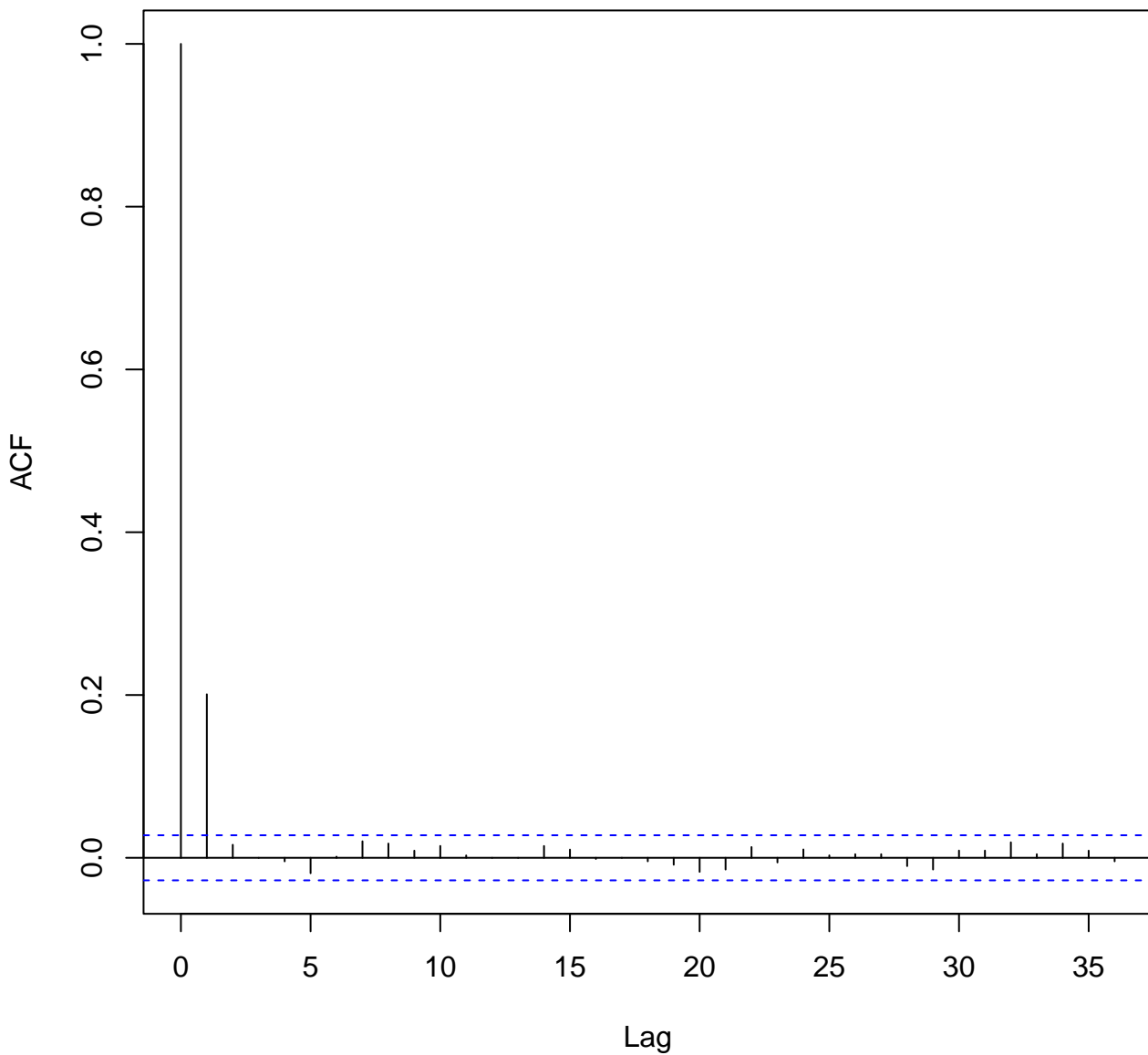
# X\_21 chain 2



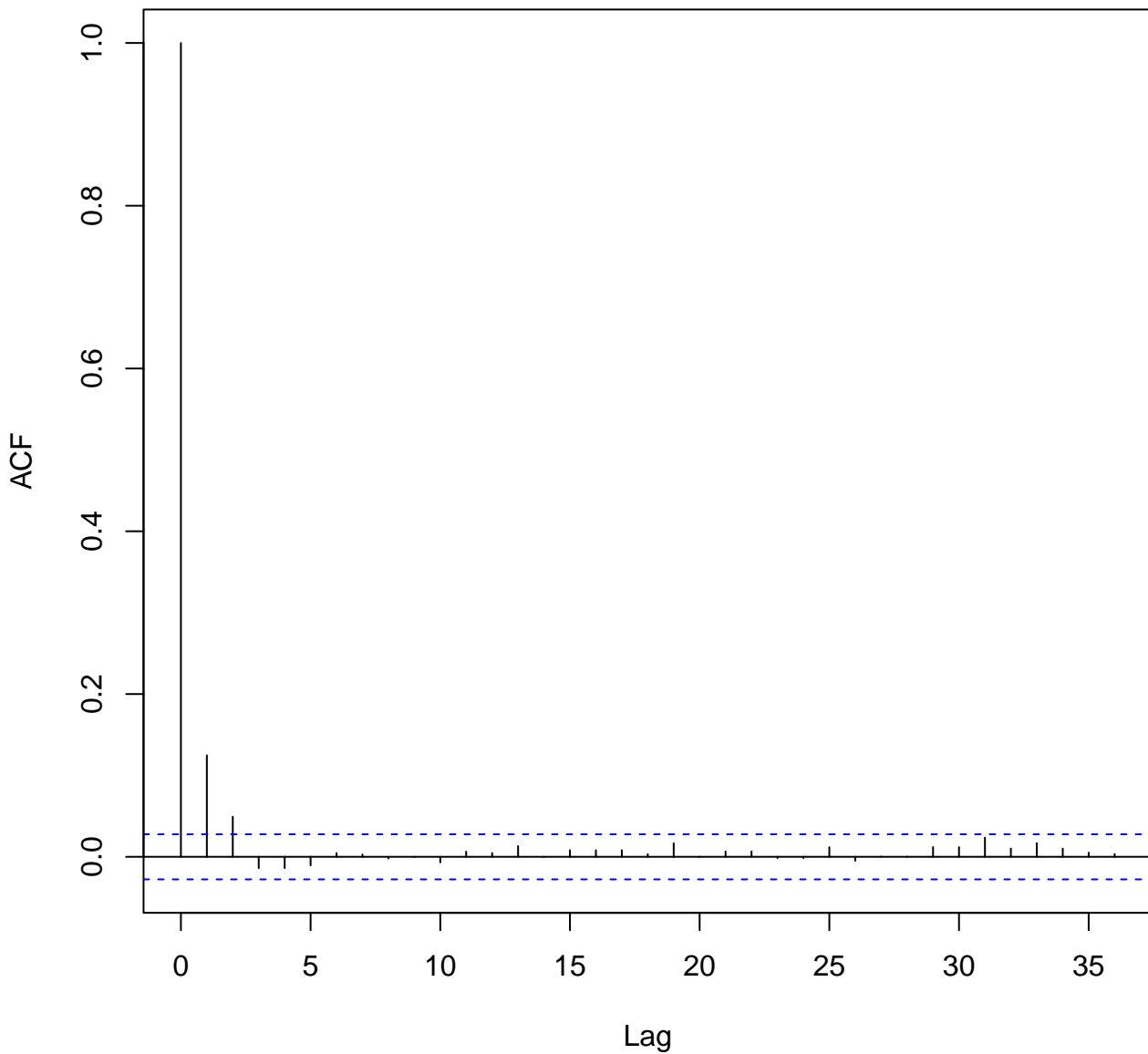
X\_21 chain 3



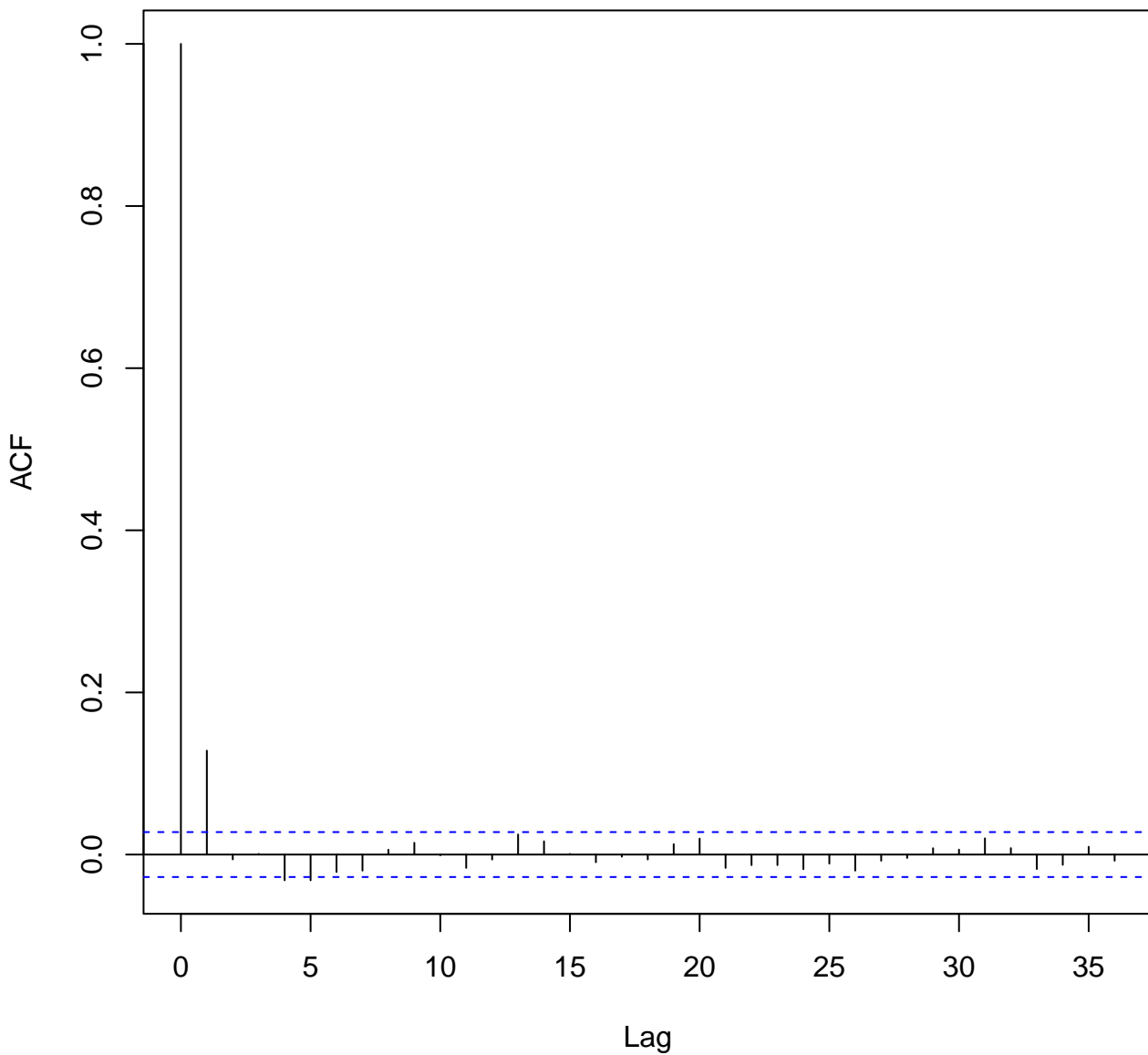
X\_21 chain 4



X\_21 chain 5

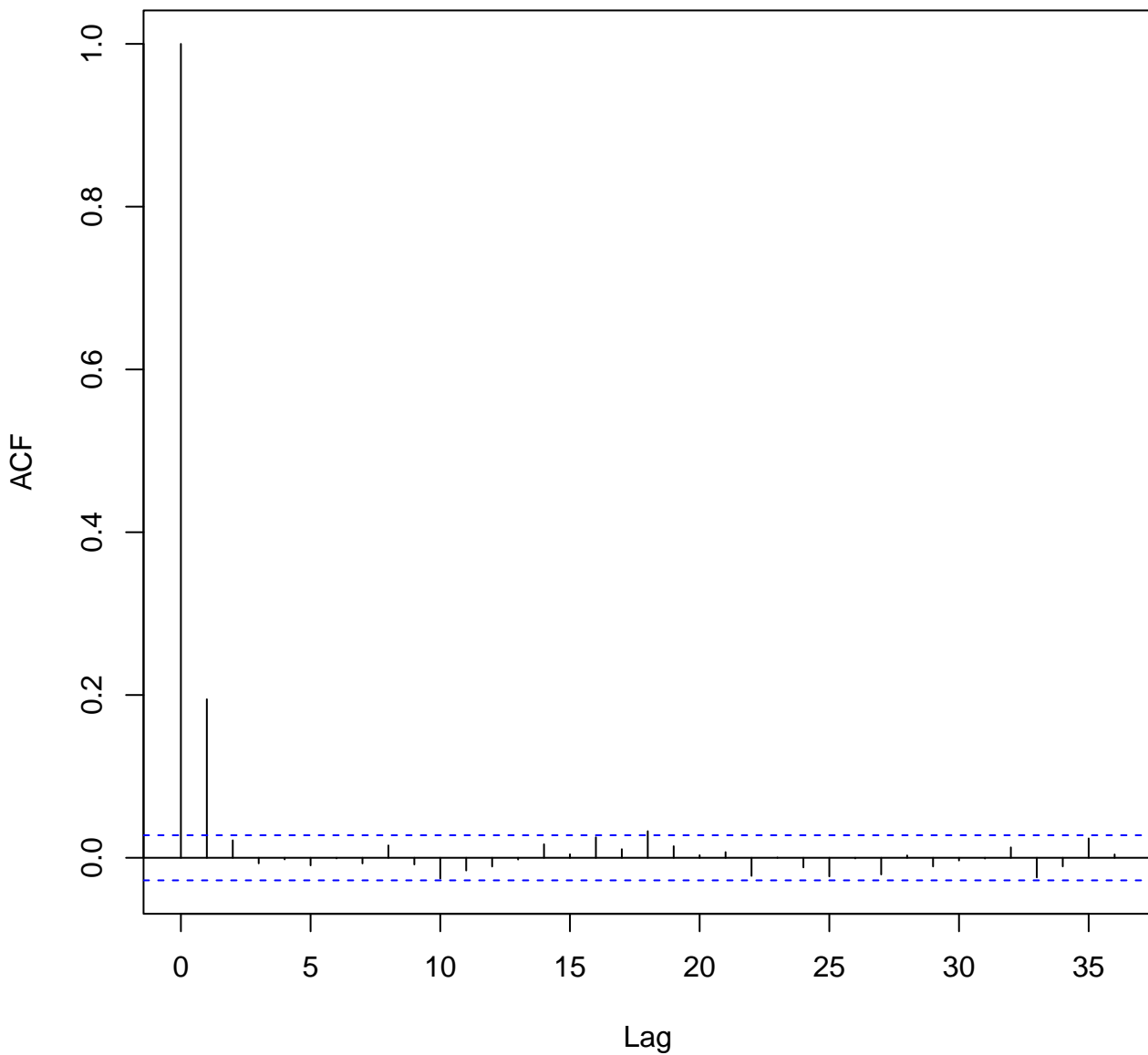


X\_21 chain 6

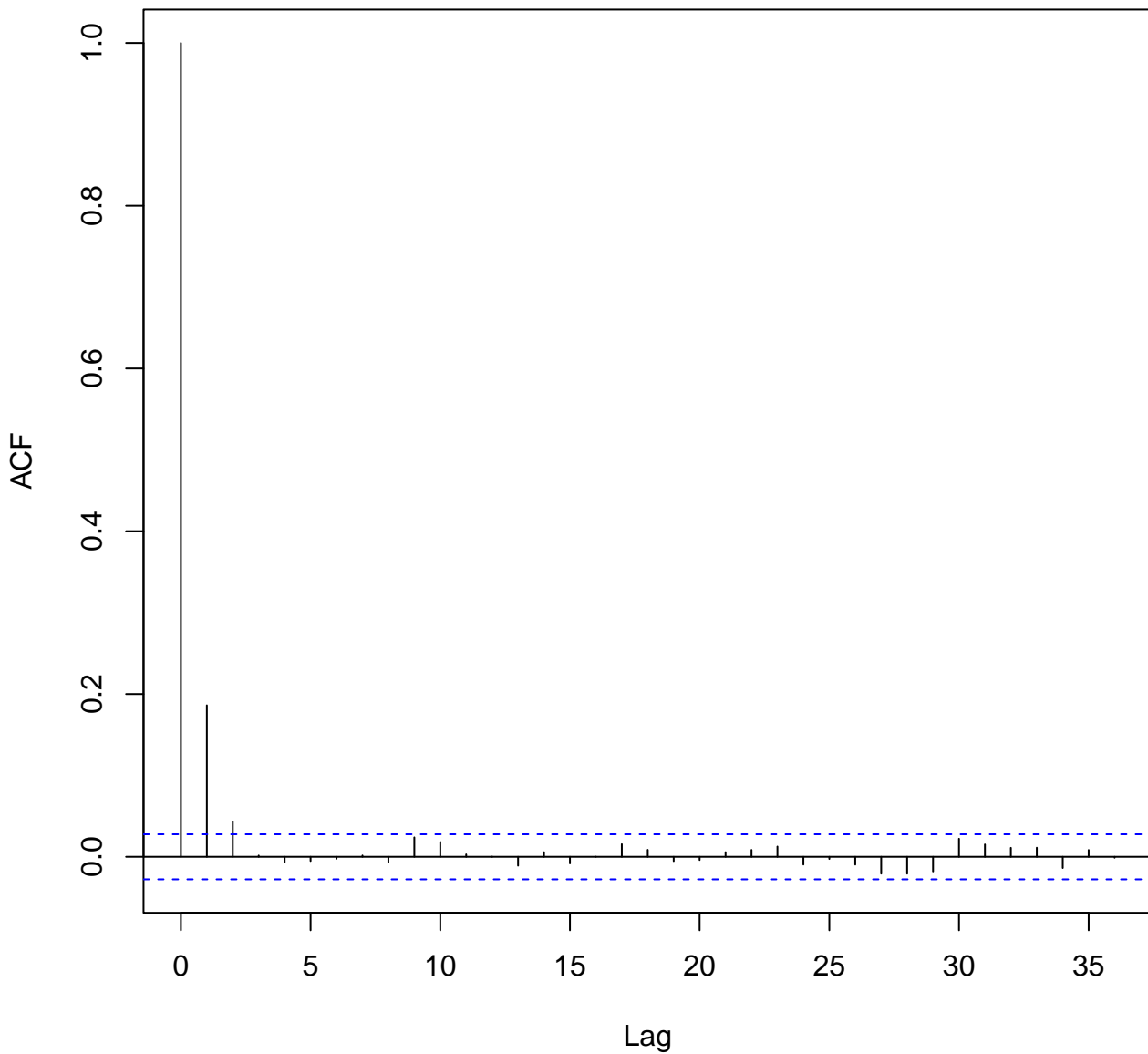




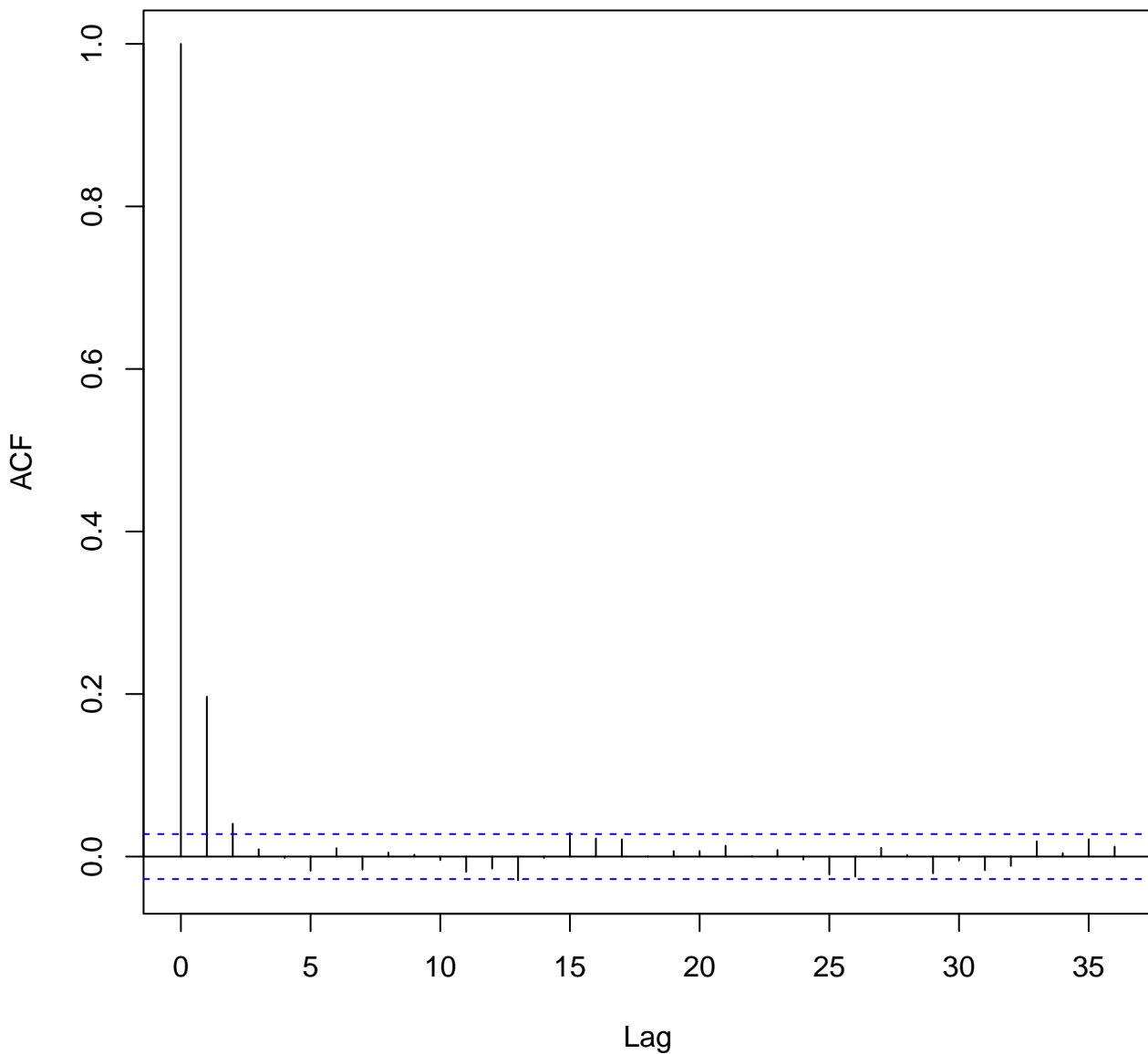
X\_22 chain 1



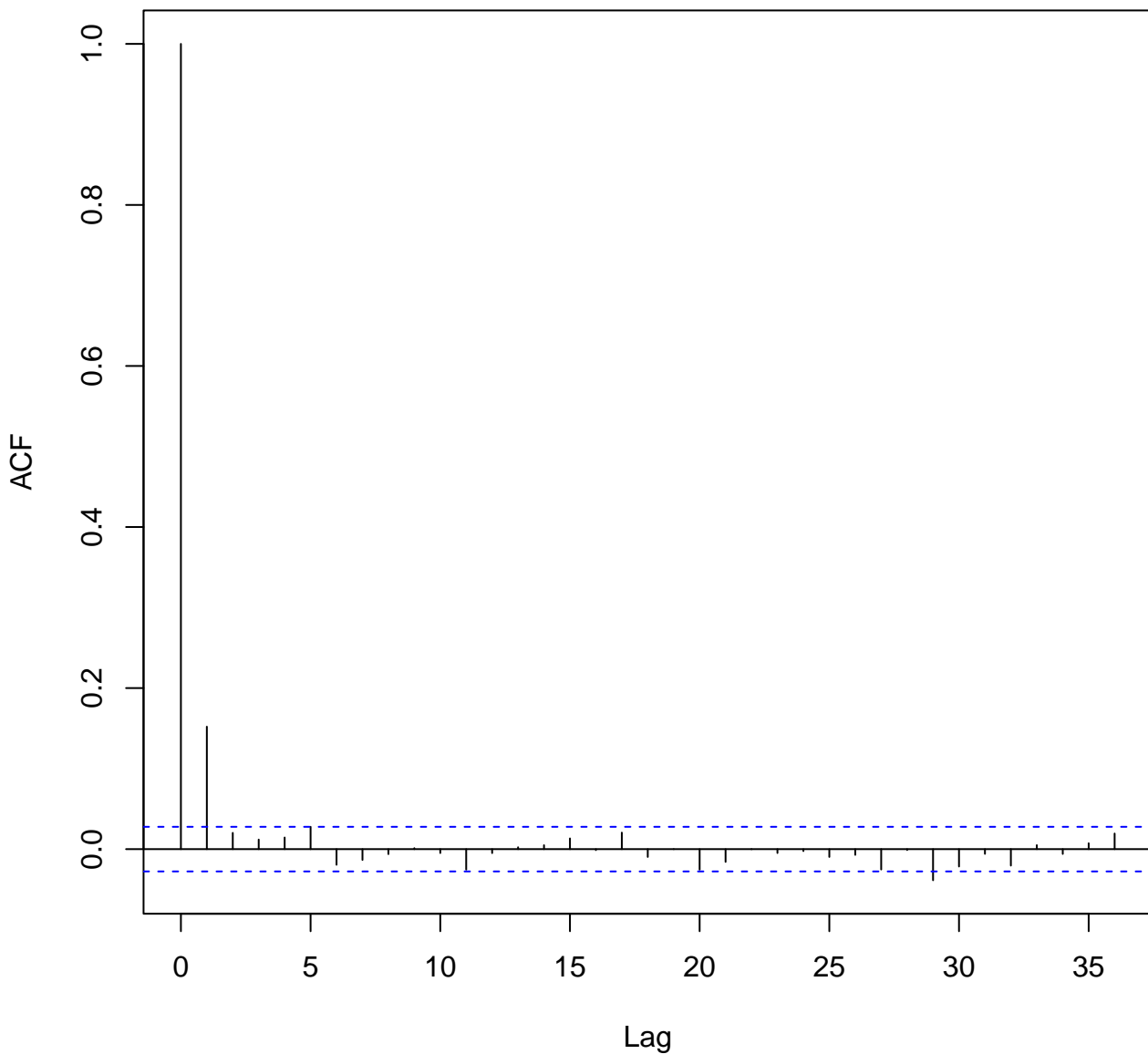
X\_22 chain 2



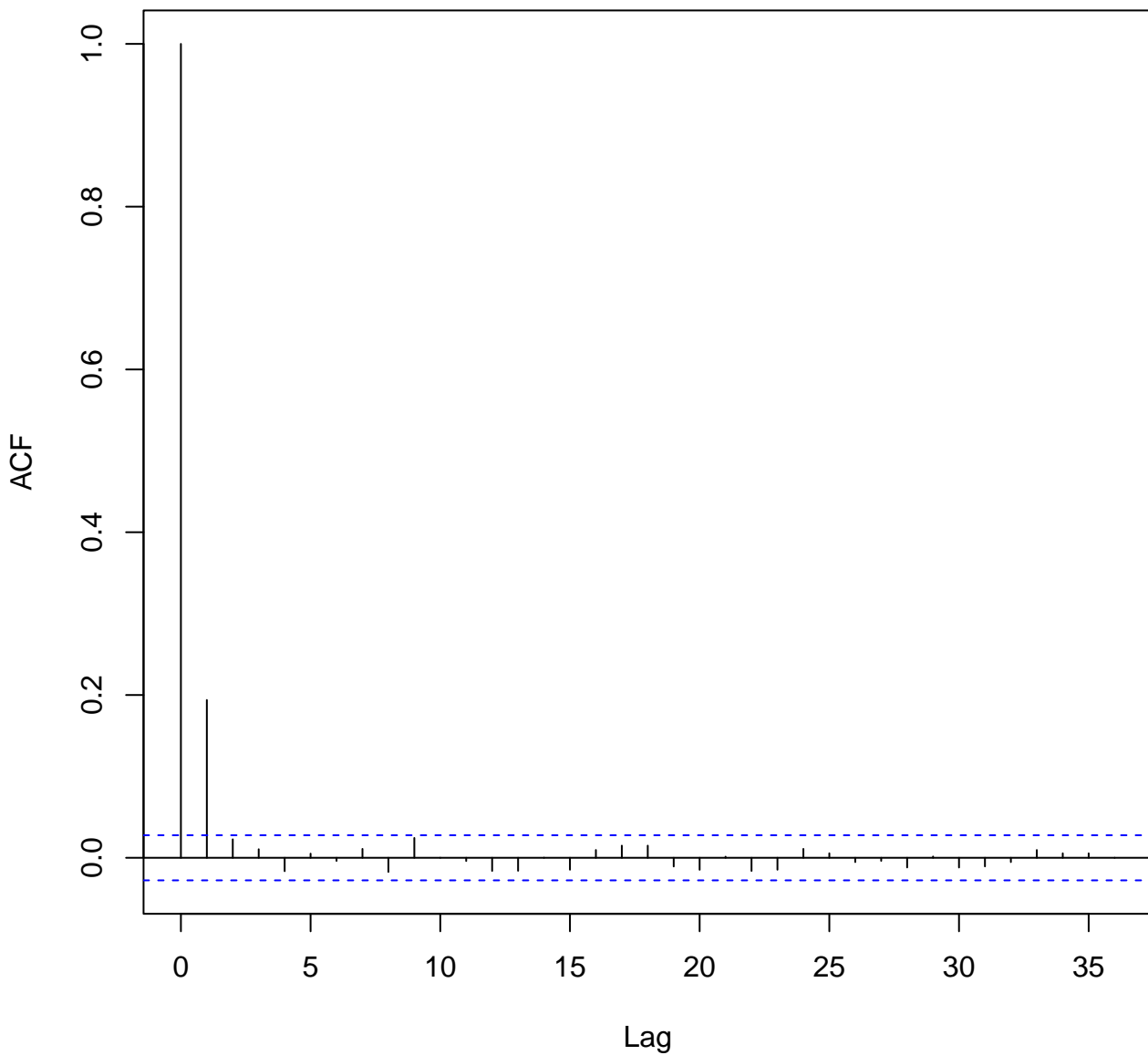
X\_22 chain 3



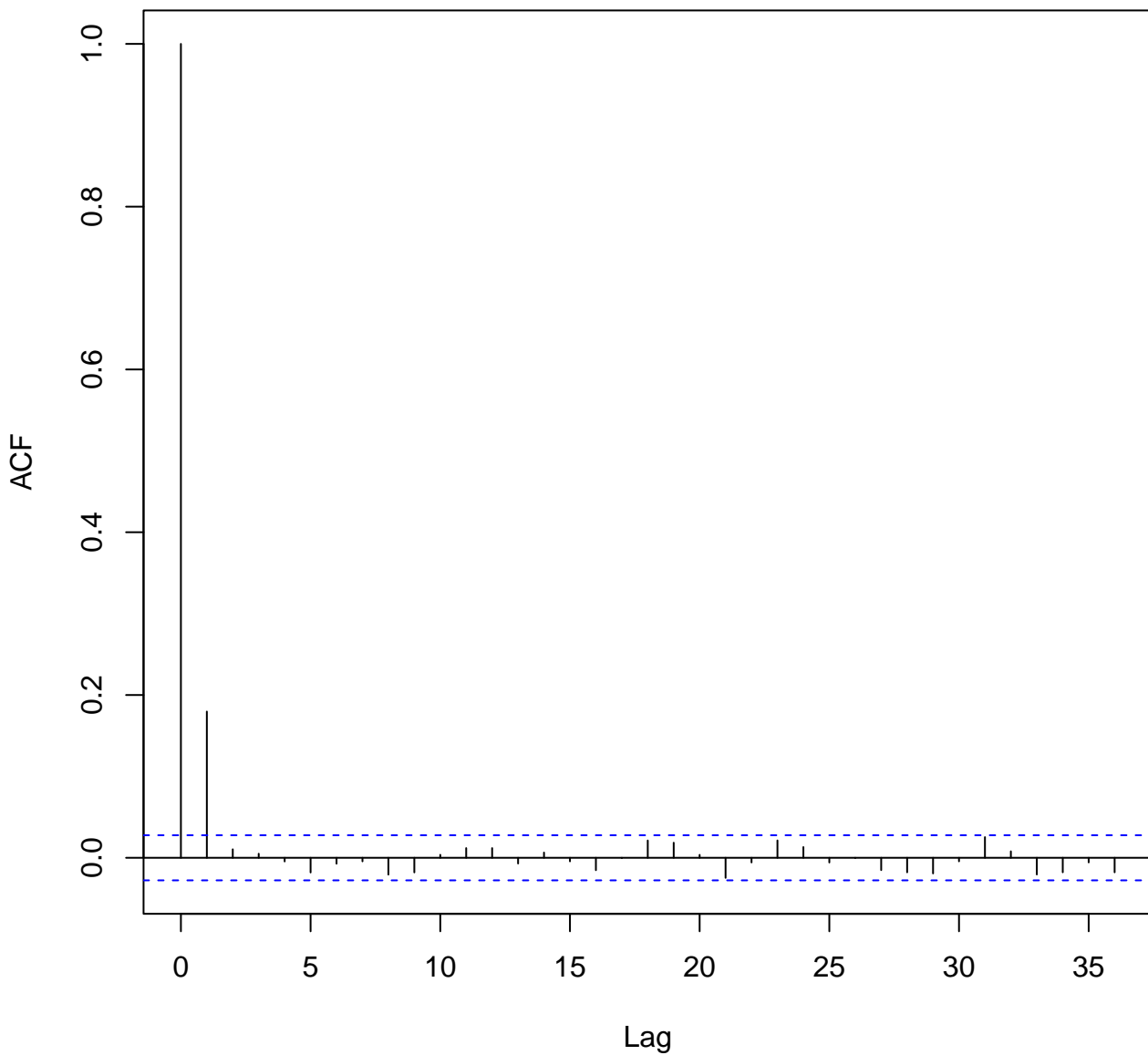
X\_22 chain 4



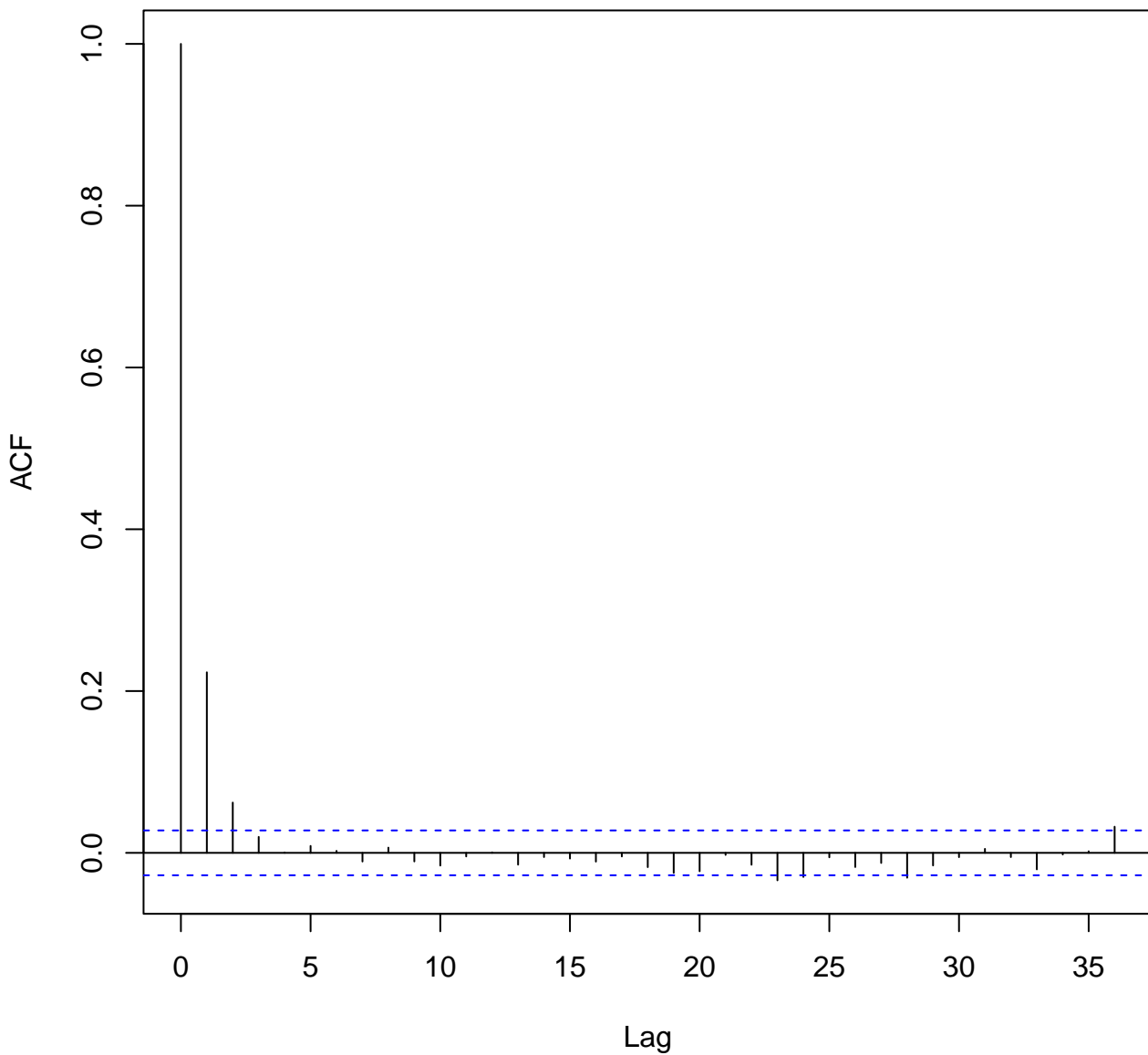
X\_22 chain 5



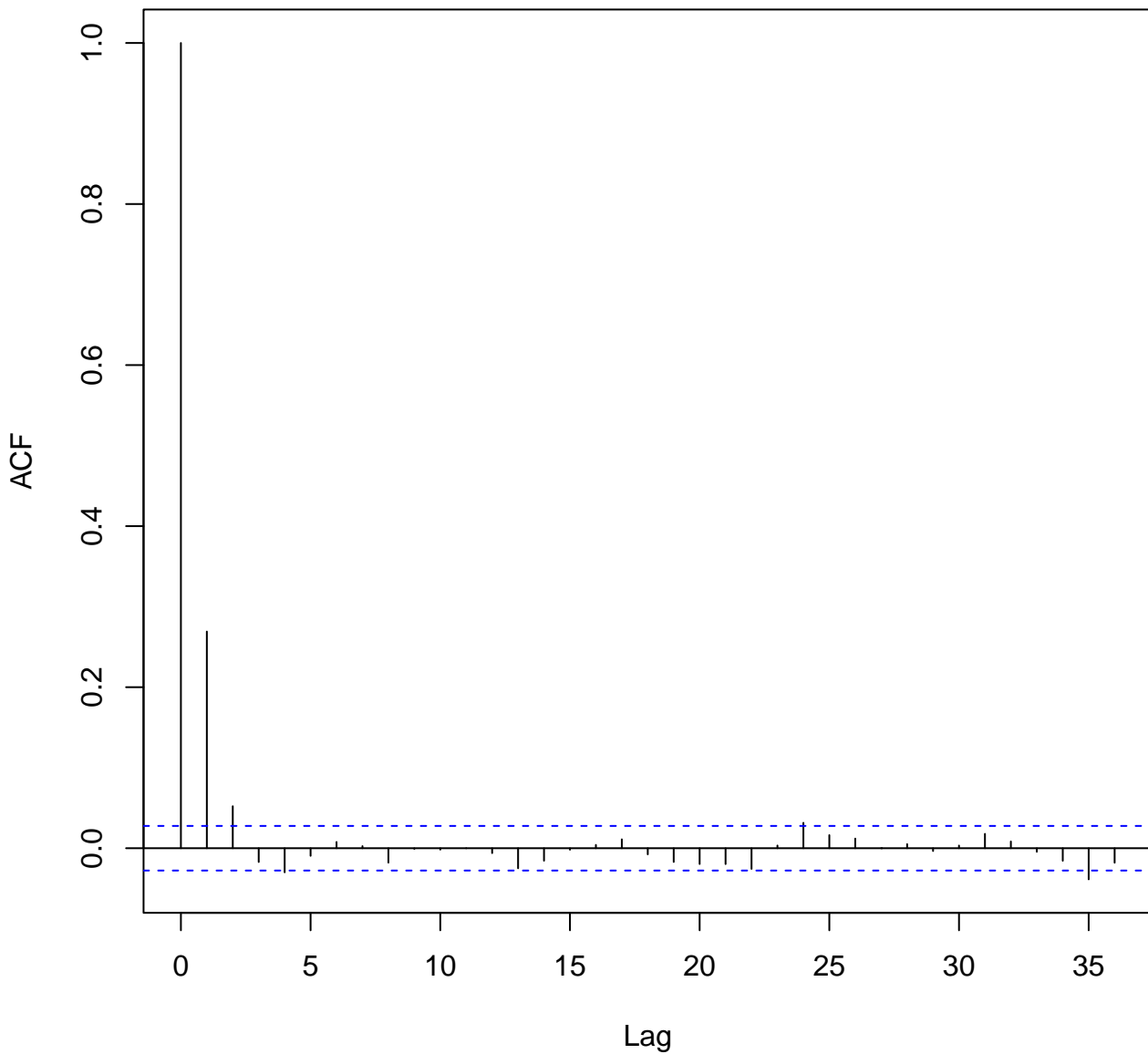
X\_22 chain 6



X\_23 chain 1

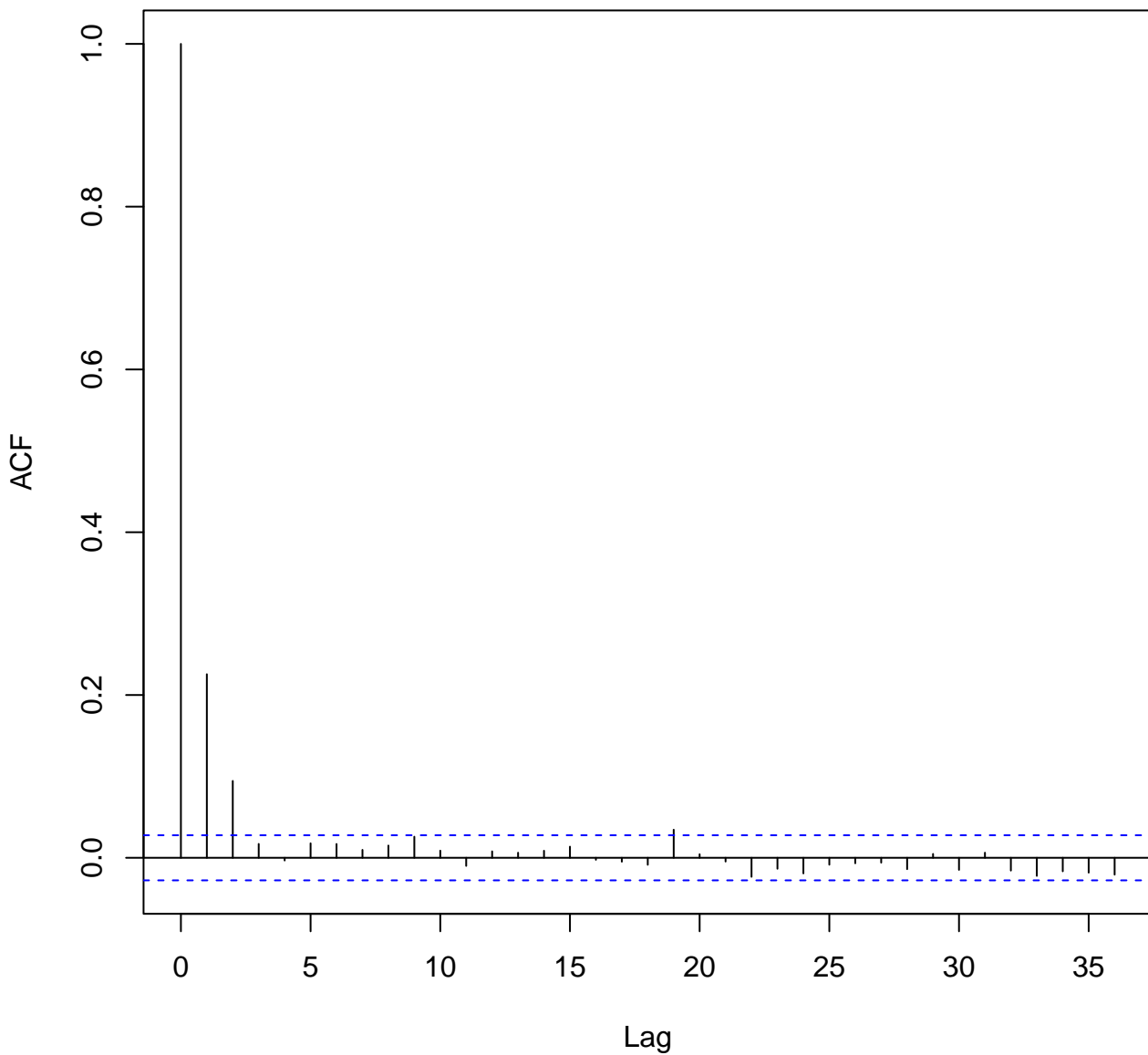


**X\_23 chain 2**

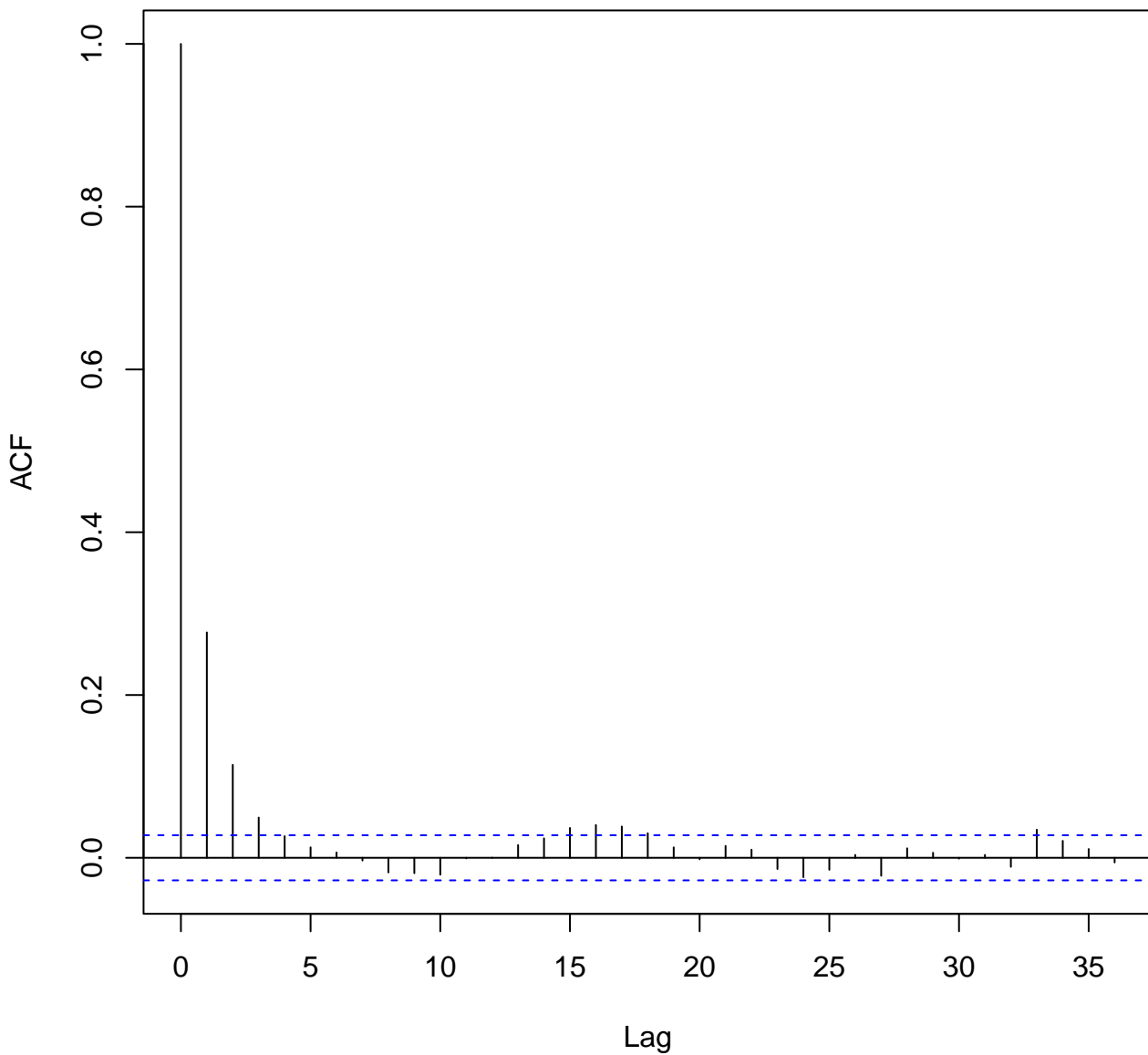




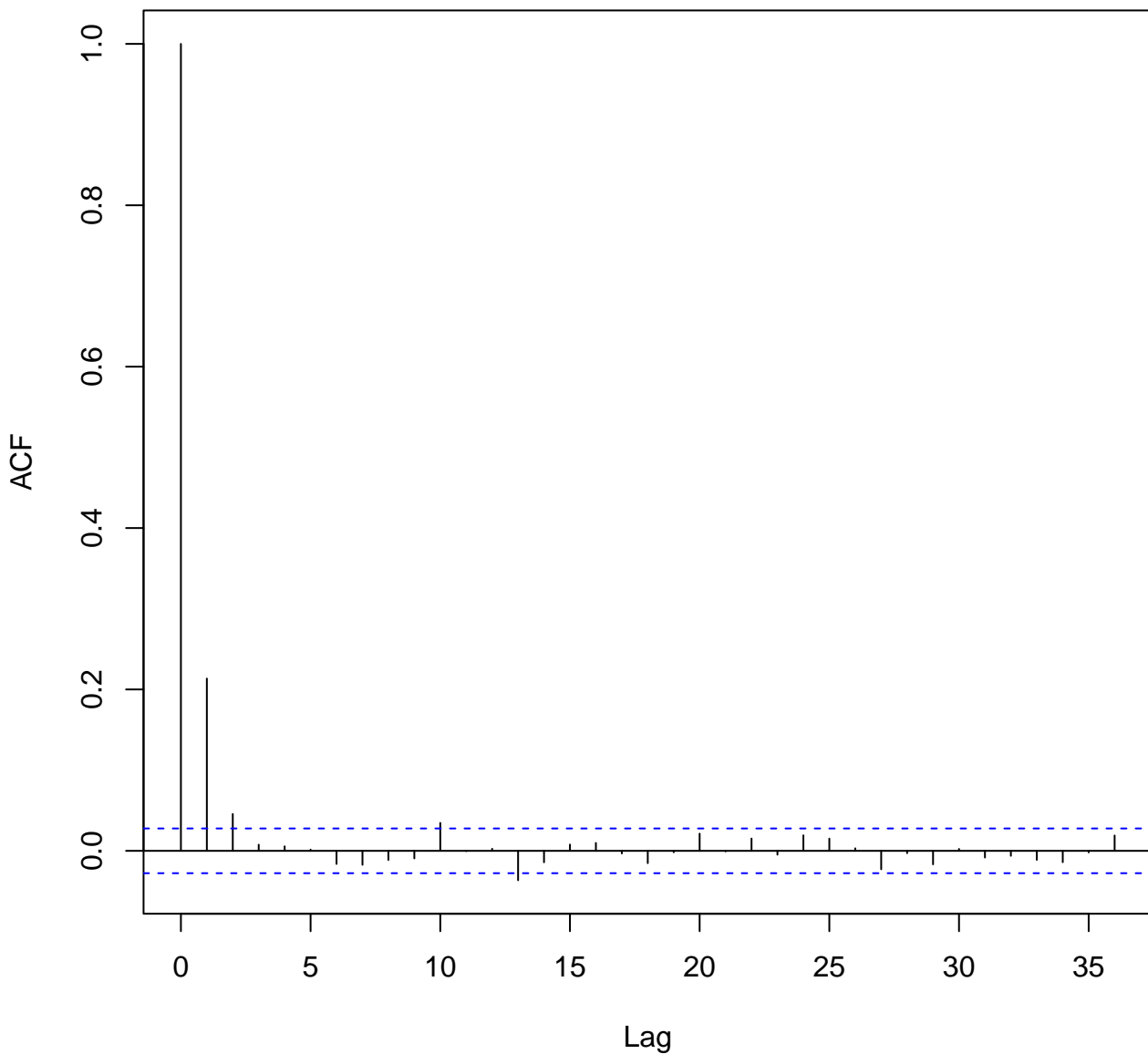
X\_23 chain 3



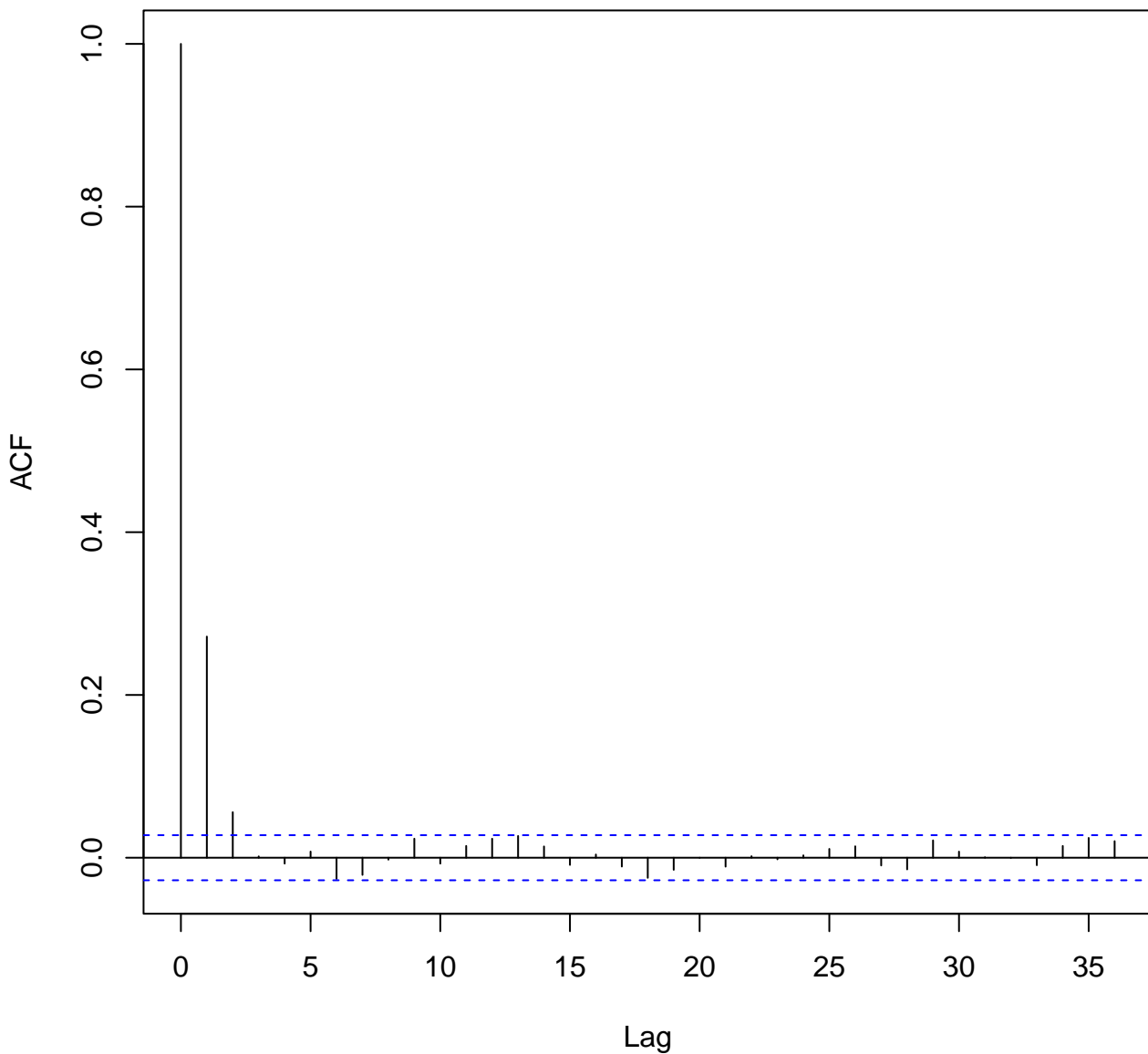
X\_23 chain 4



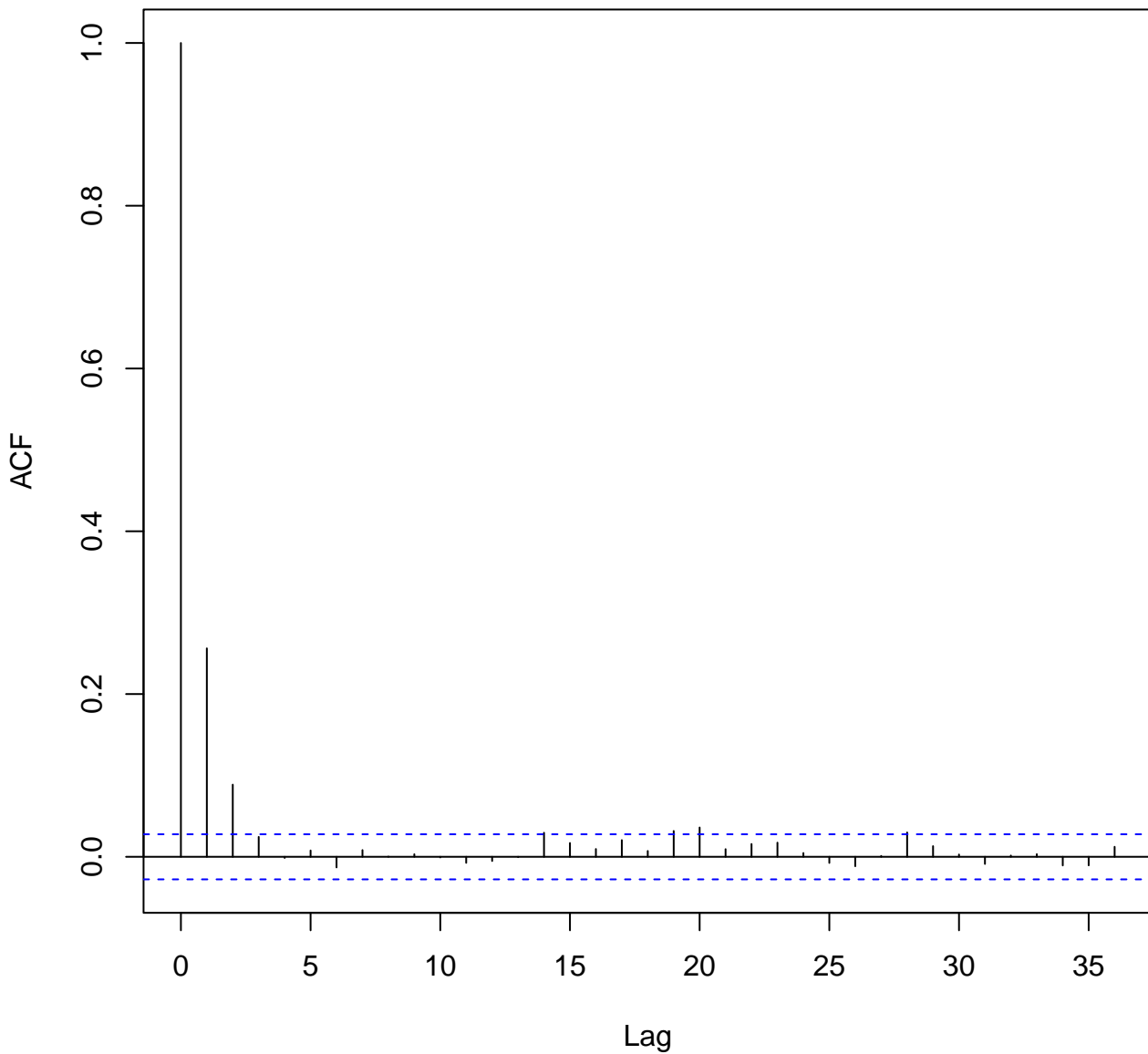
# X\_23 chain 5



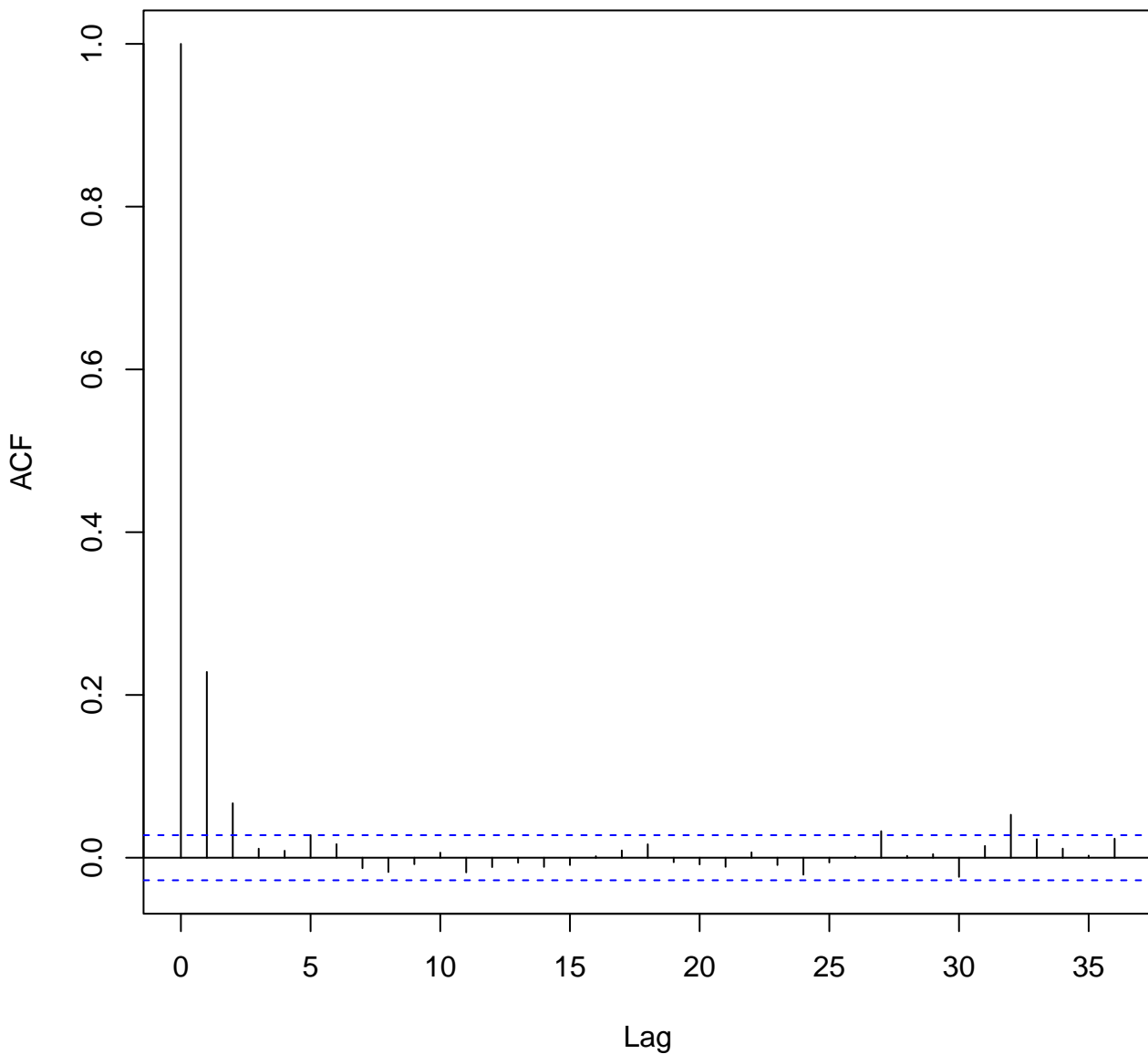
X\_23 chain 6



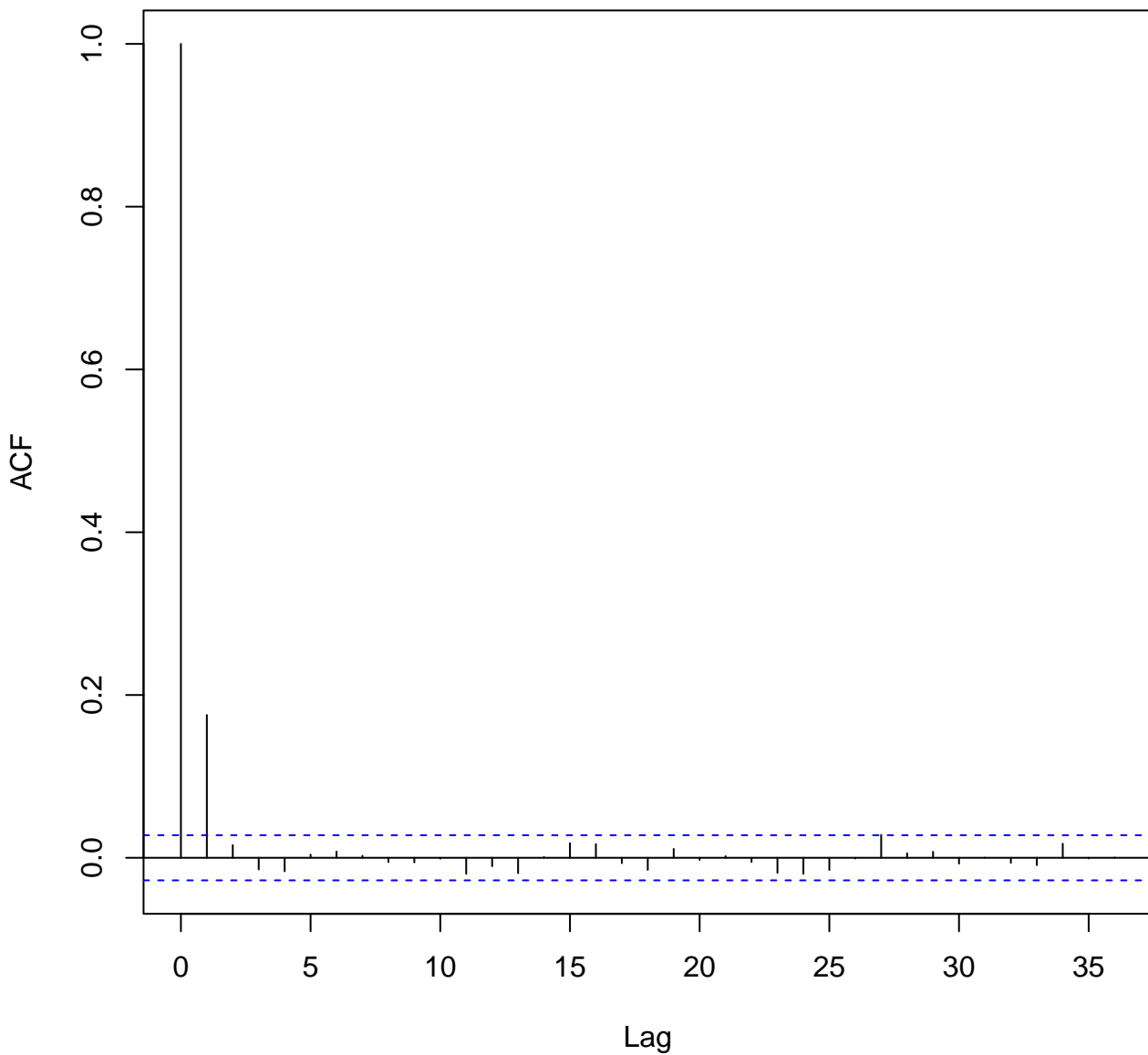
X\_24 chain 1



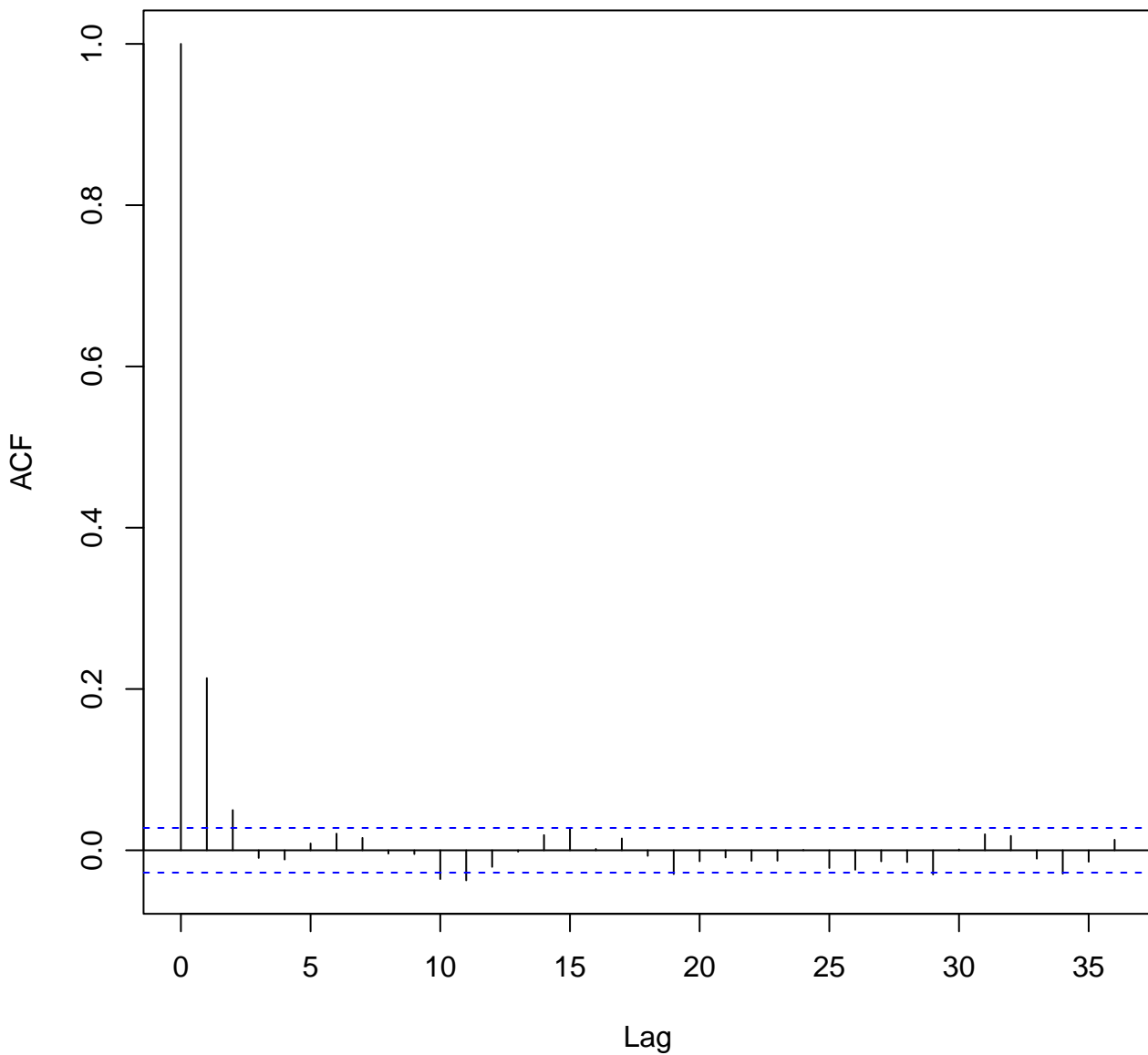
X\_24 chain 2



X\_24 chain 3

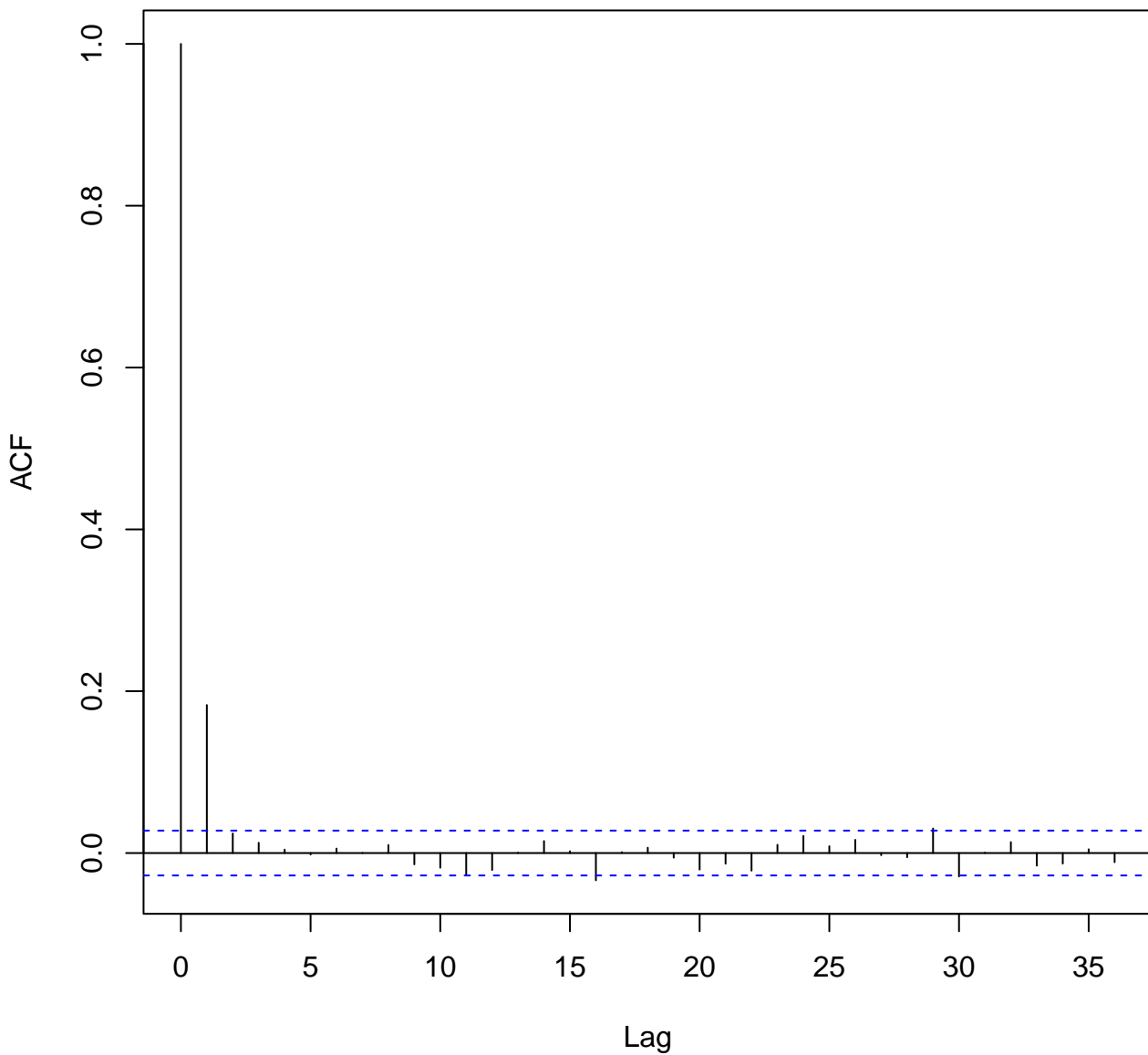


X\_24 chain 4

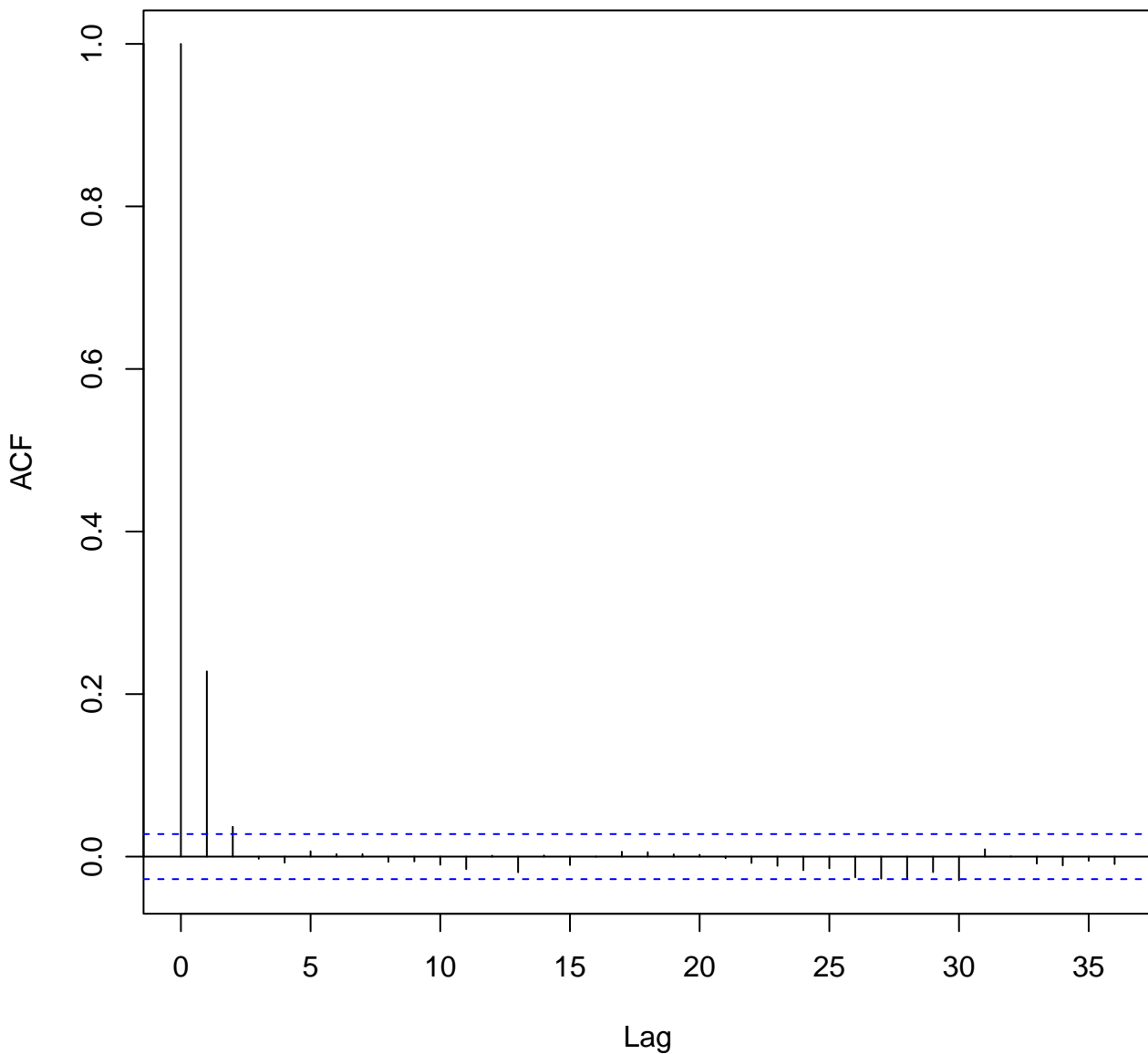




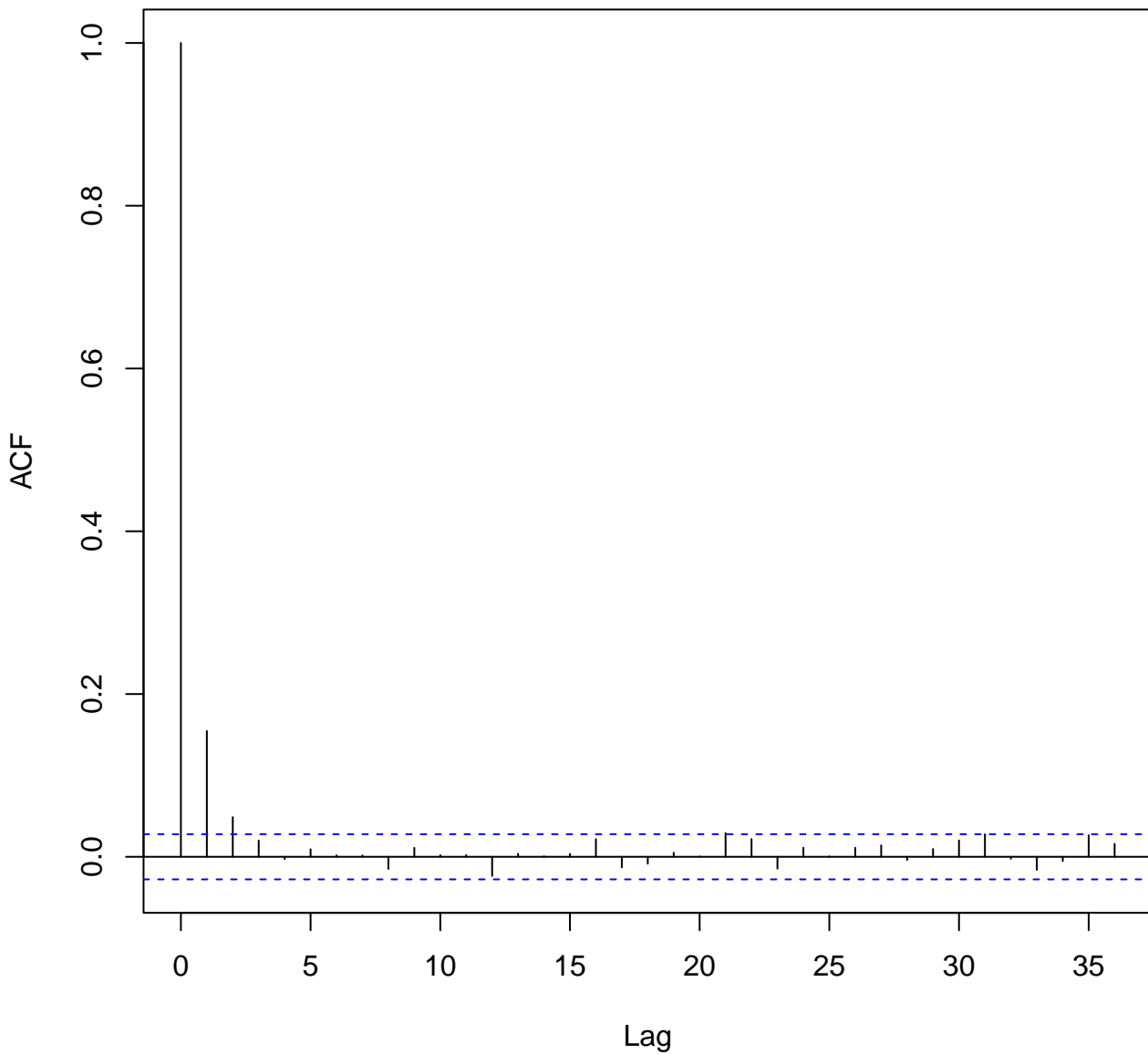
X\_24 chain 5



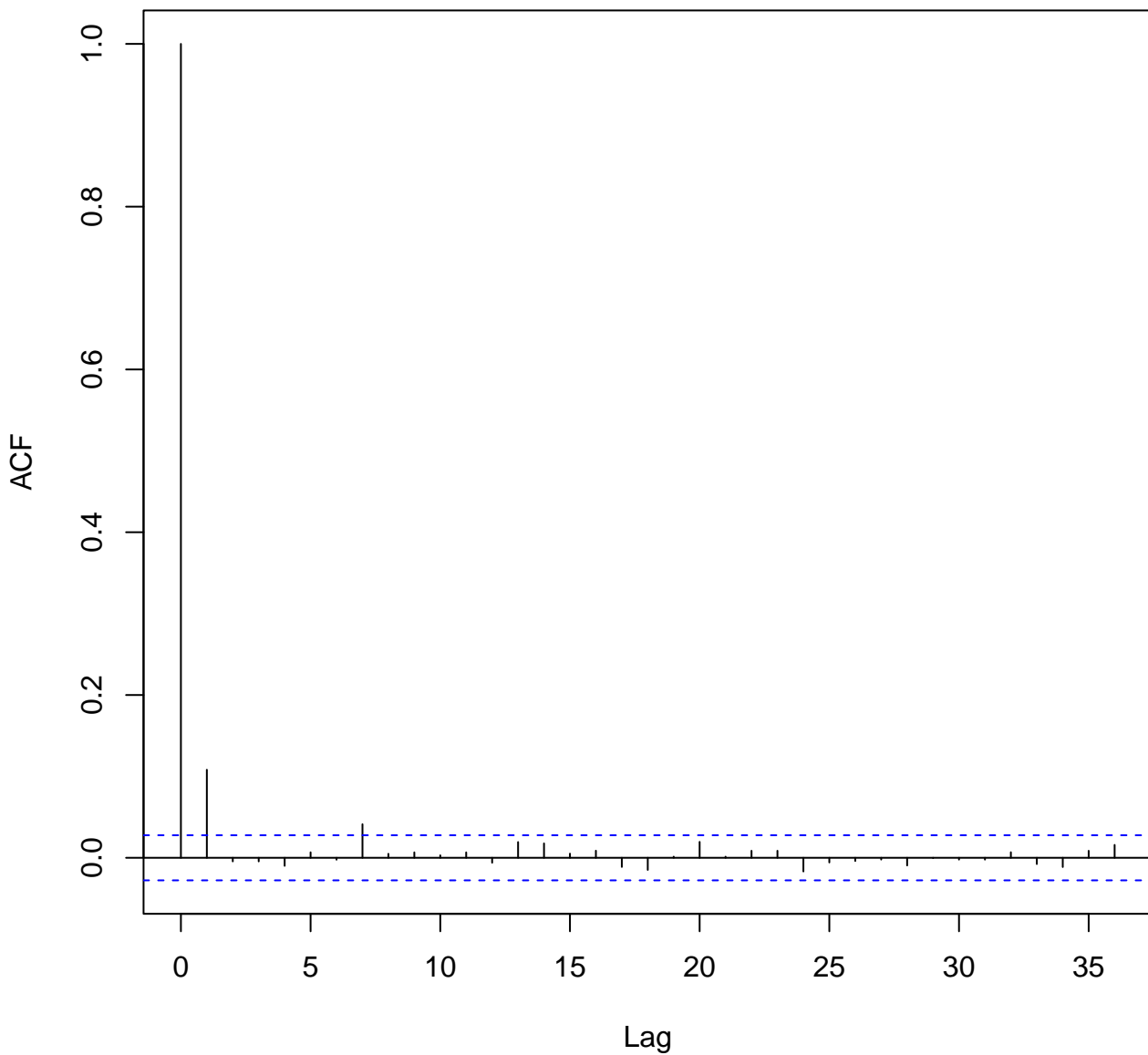
X\_24 chain 6



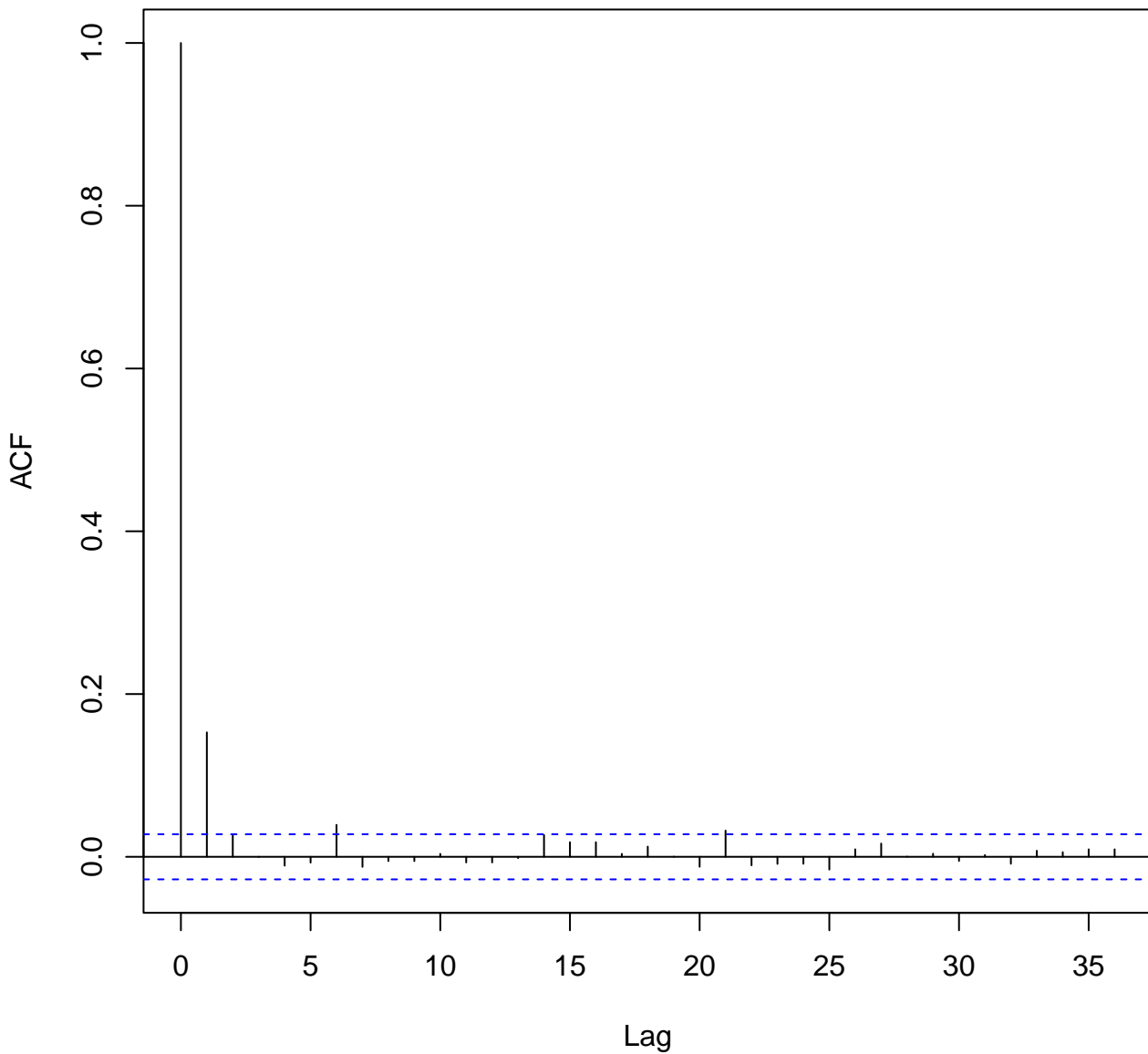
X\_25 chain 1



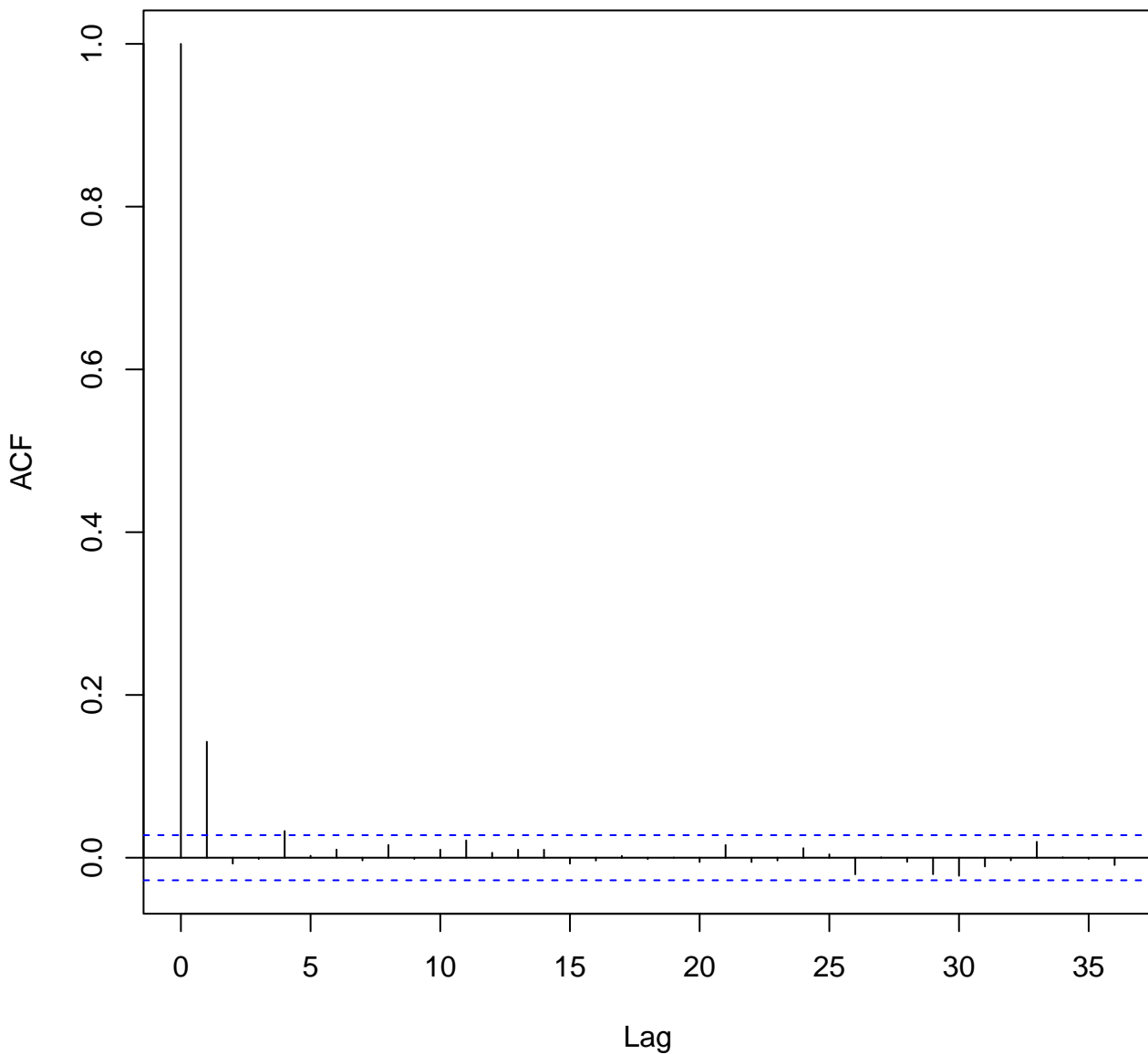
X\_25 chain 2



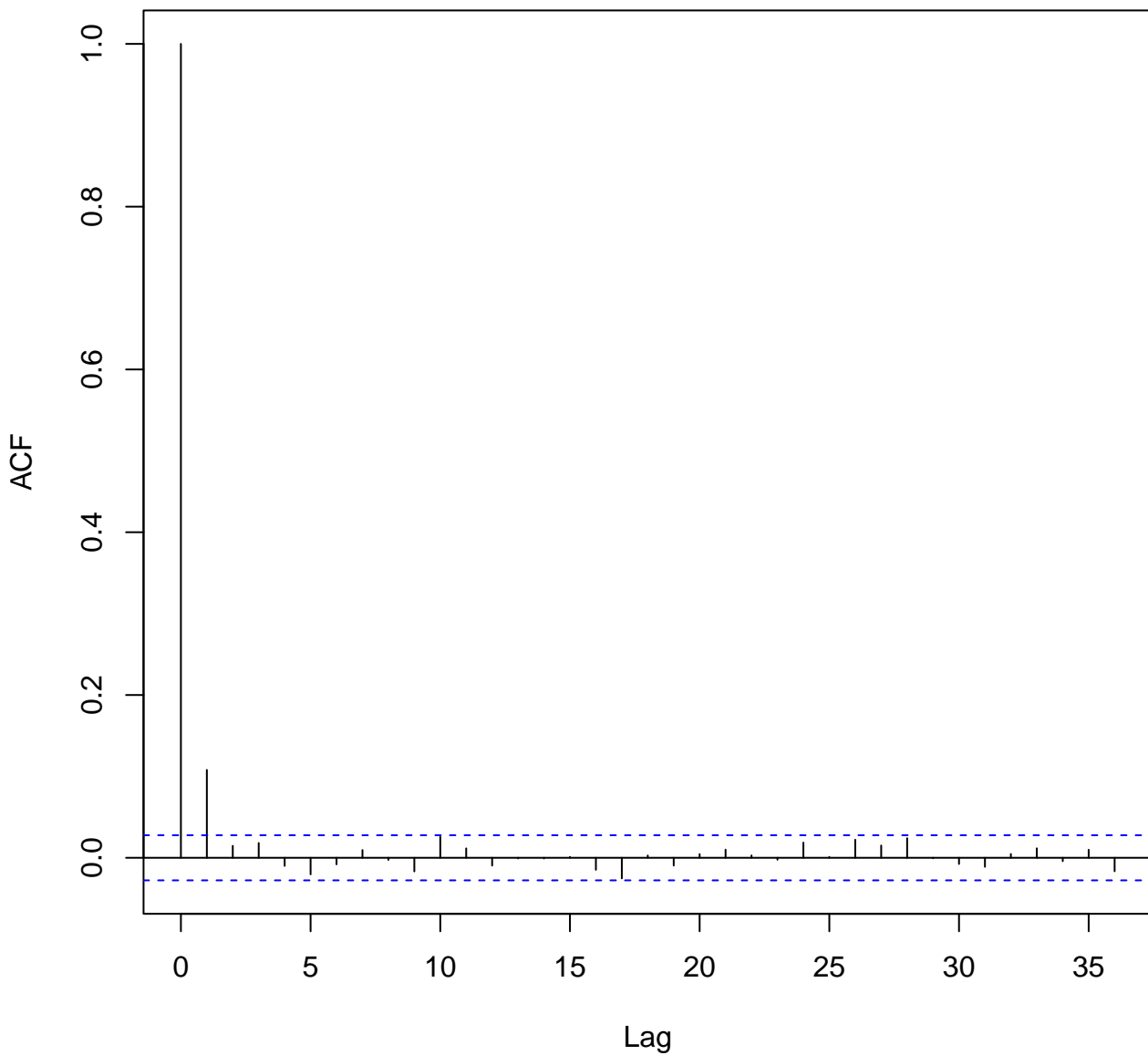
X\_25 chain 3



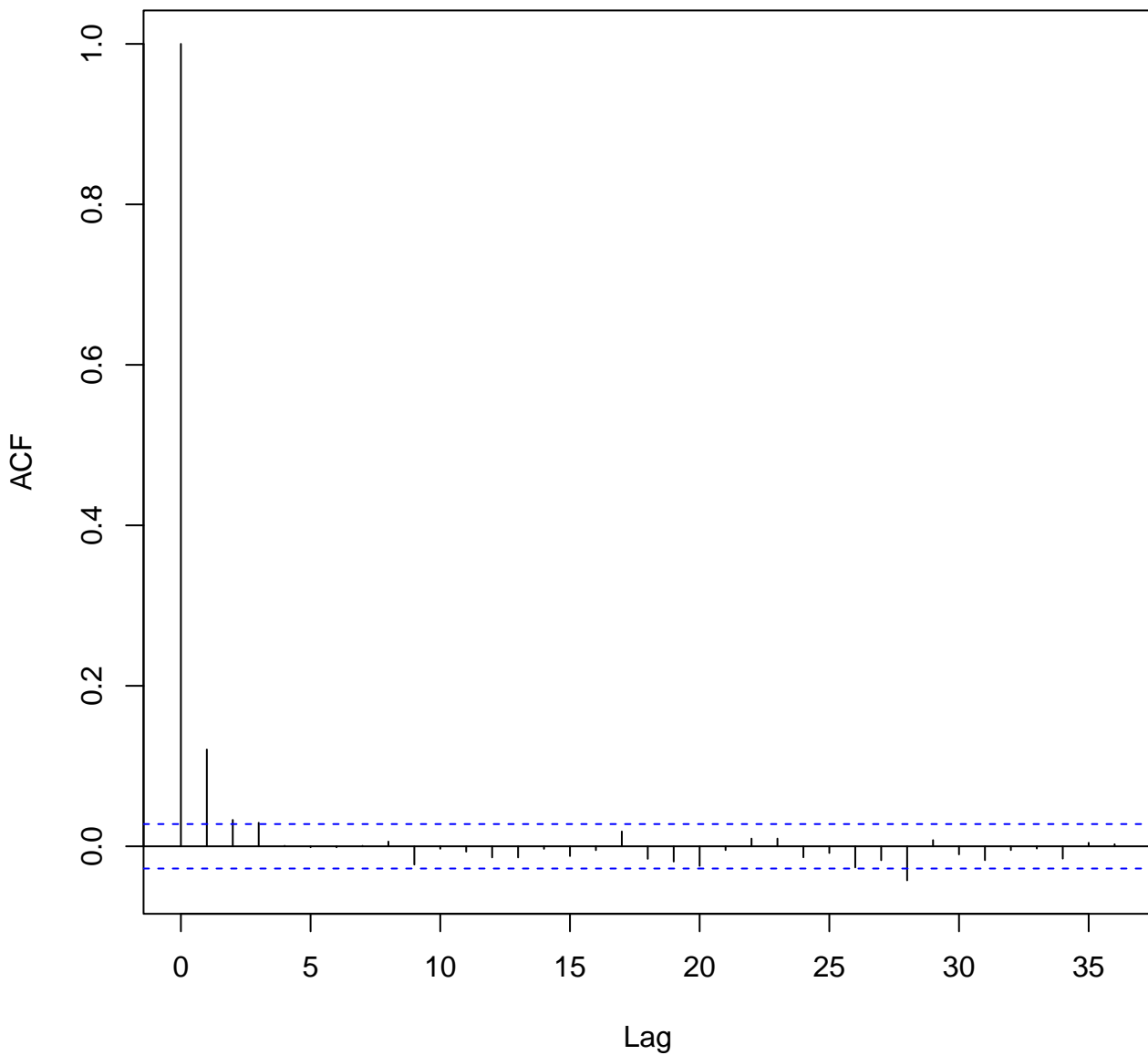
X\_25 chain 4



X\_25 chain 5

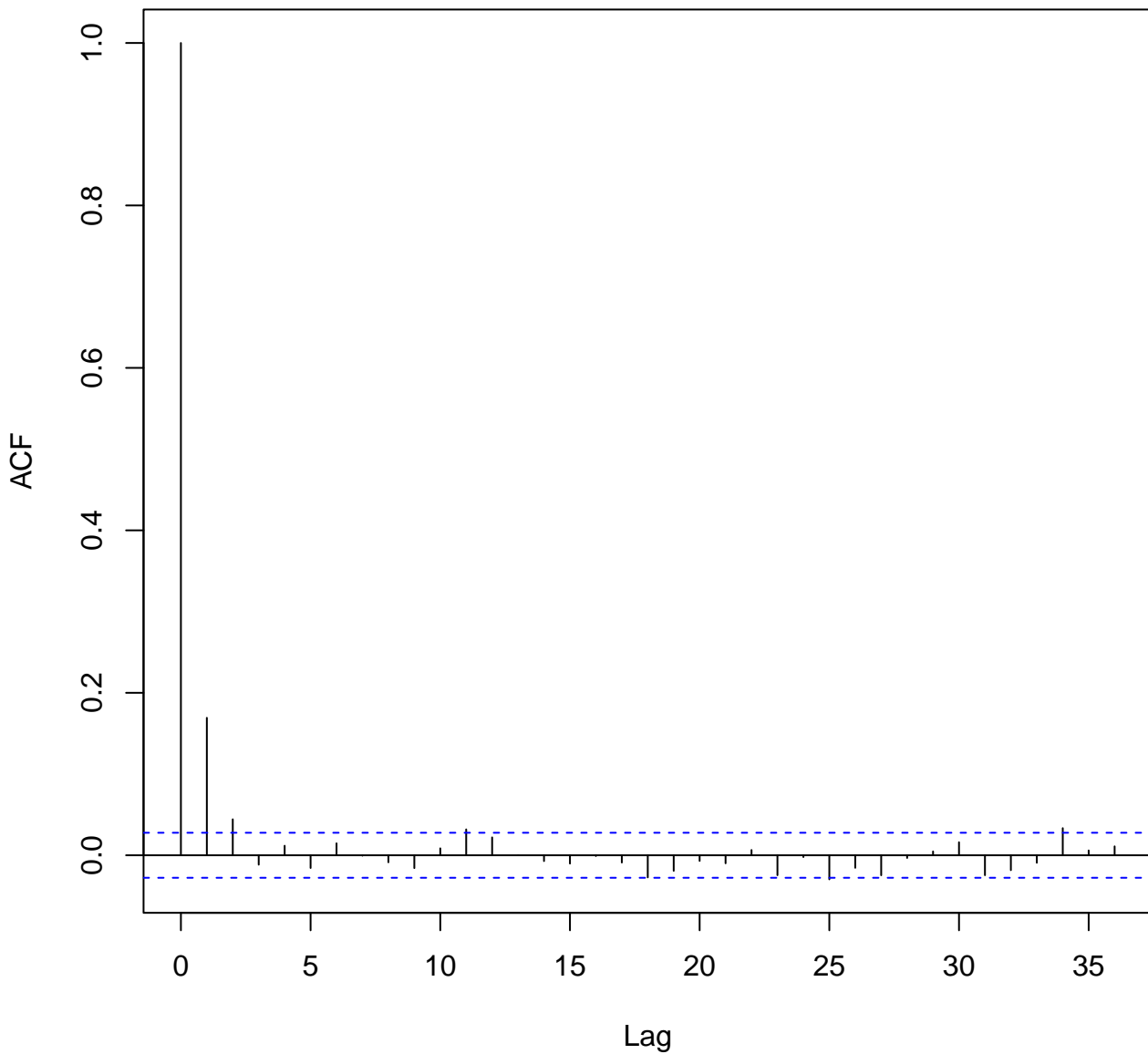


X\_25 chain 6

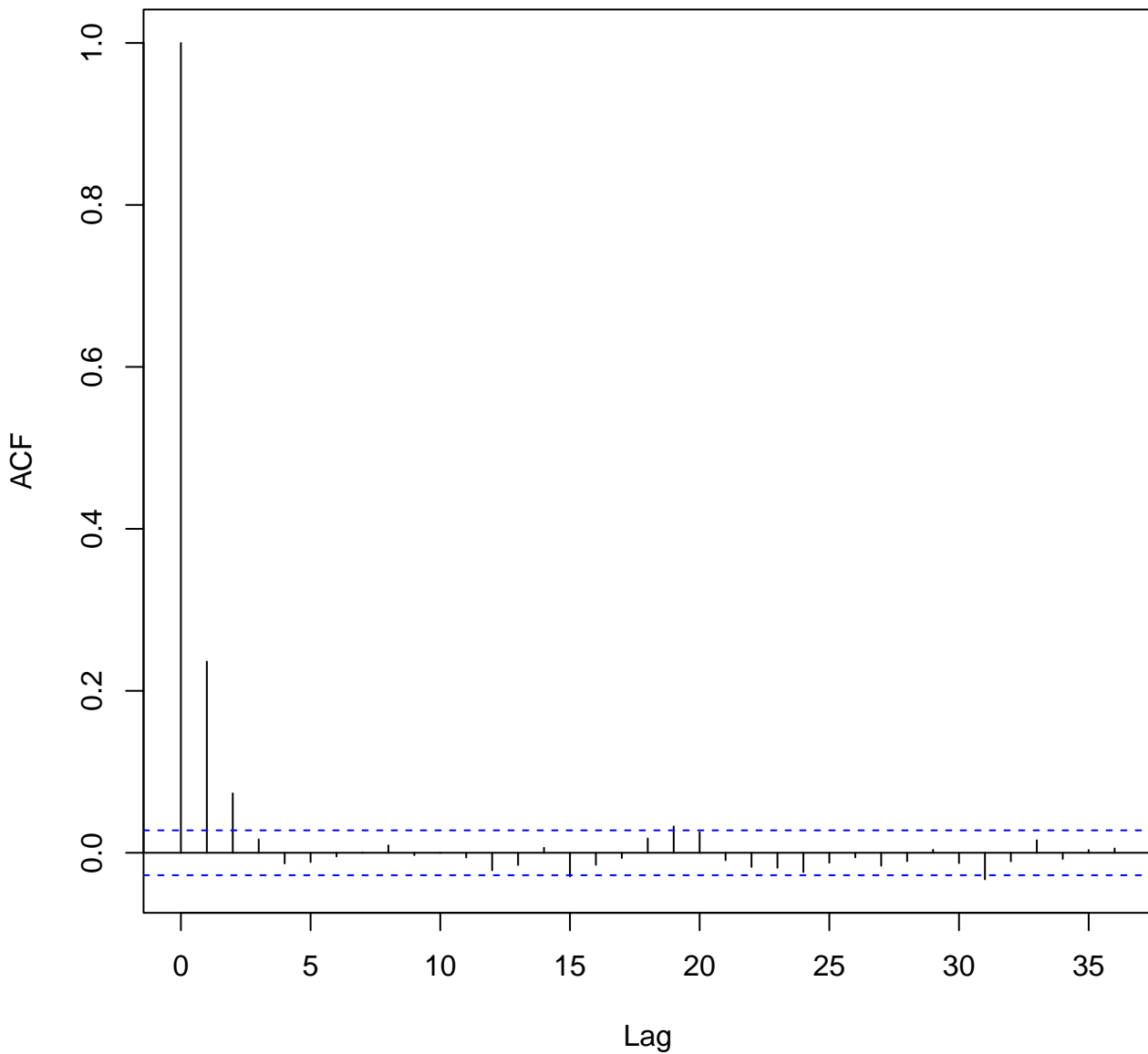




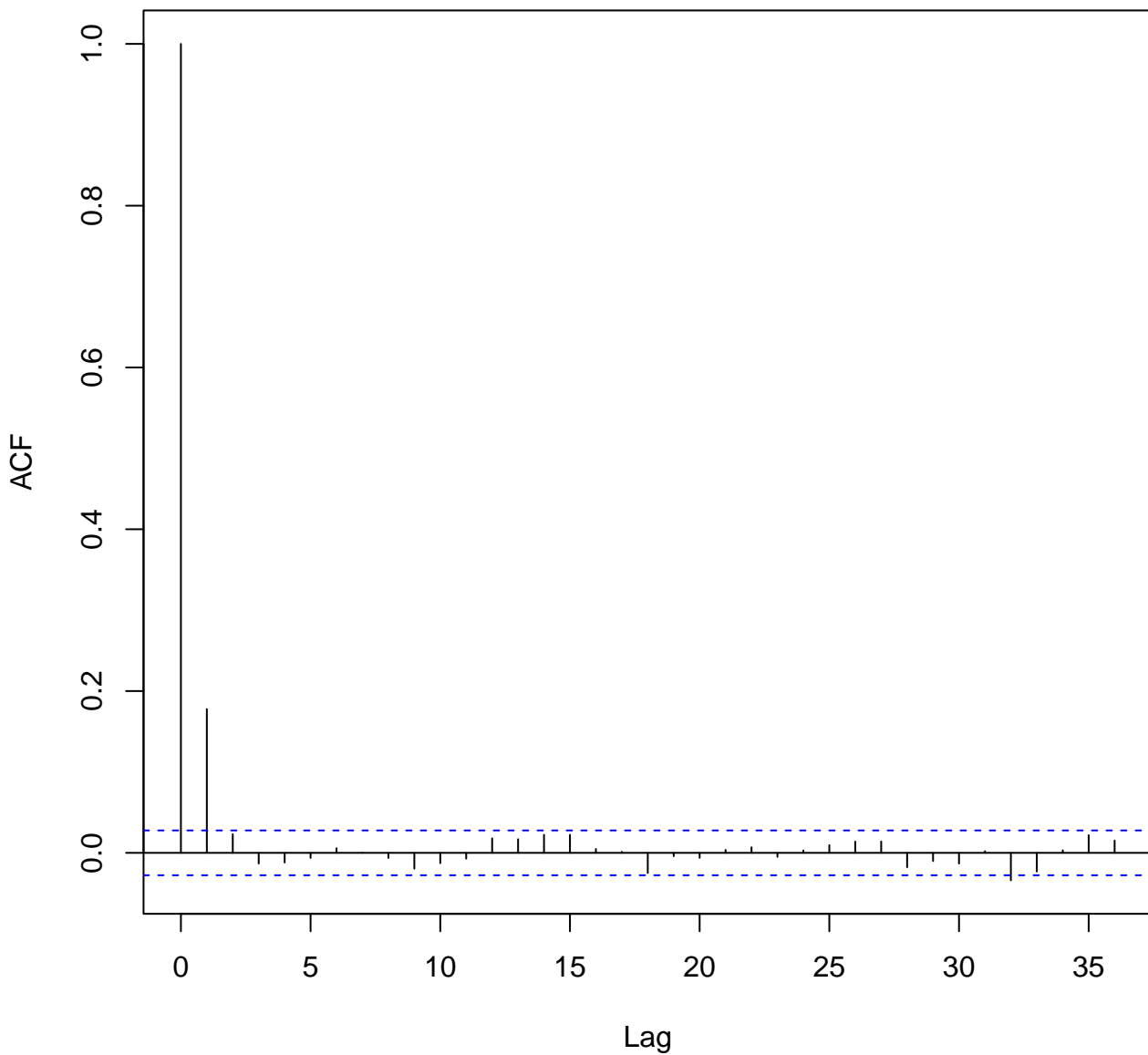
X\_26 chain 1



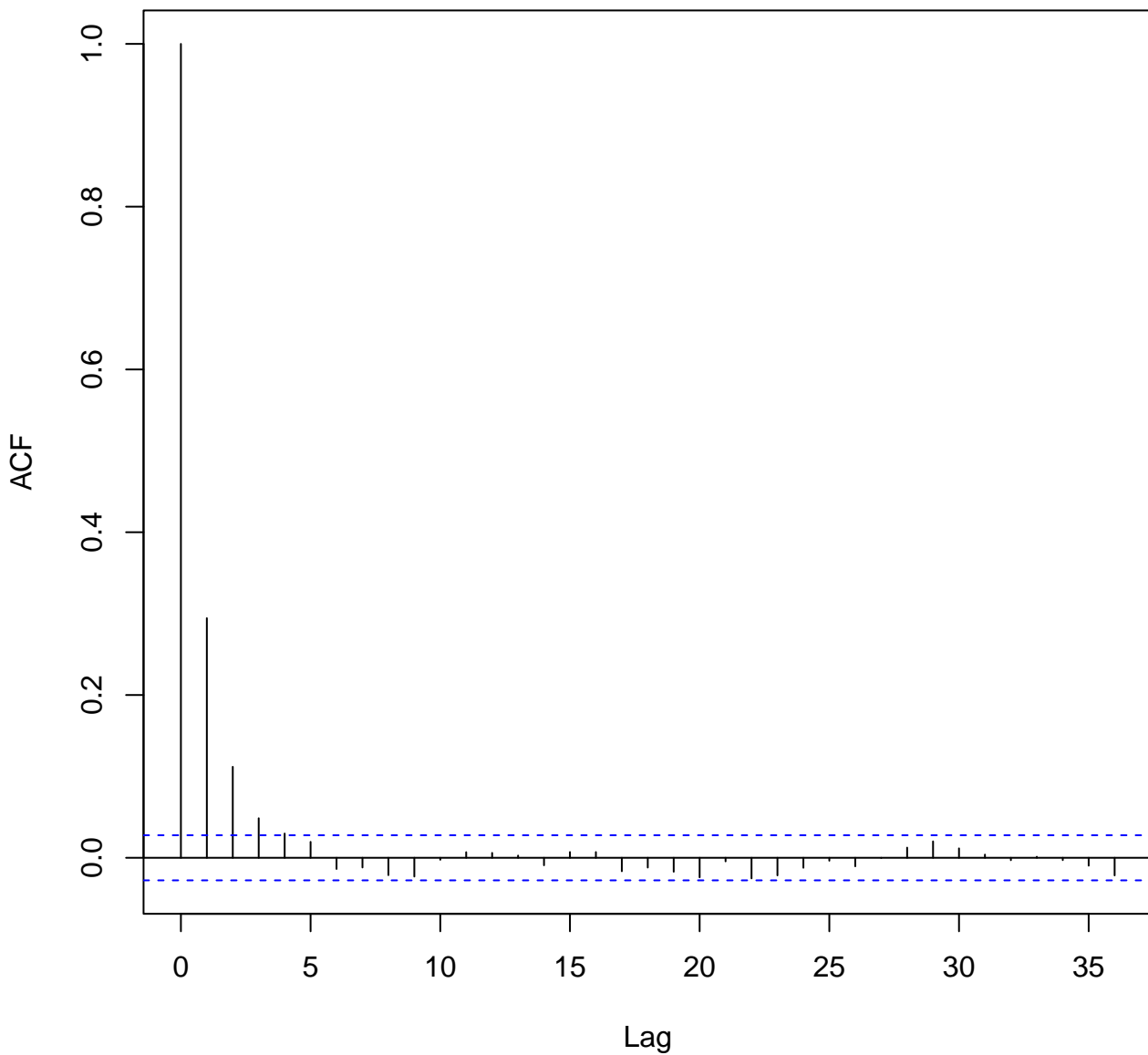
# X\_26 chain 2



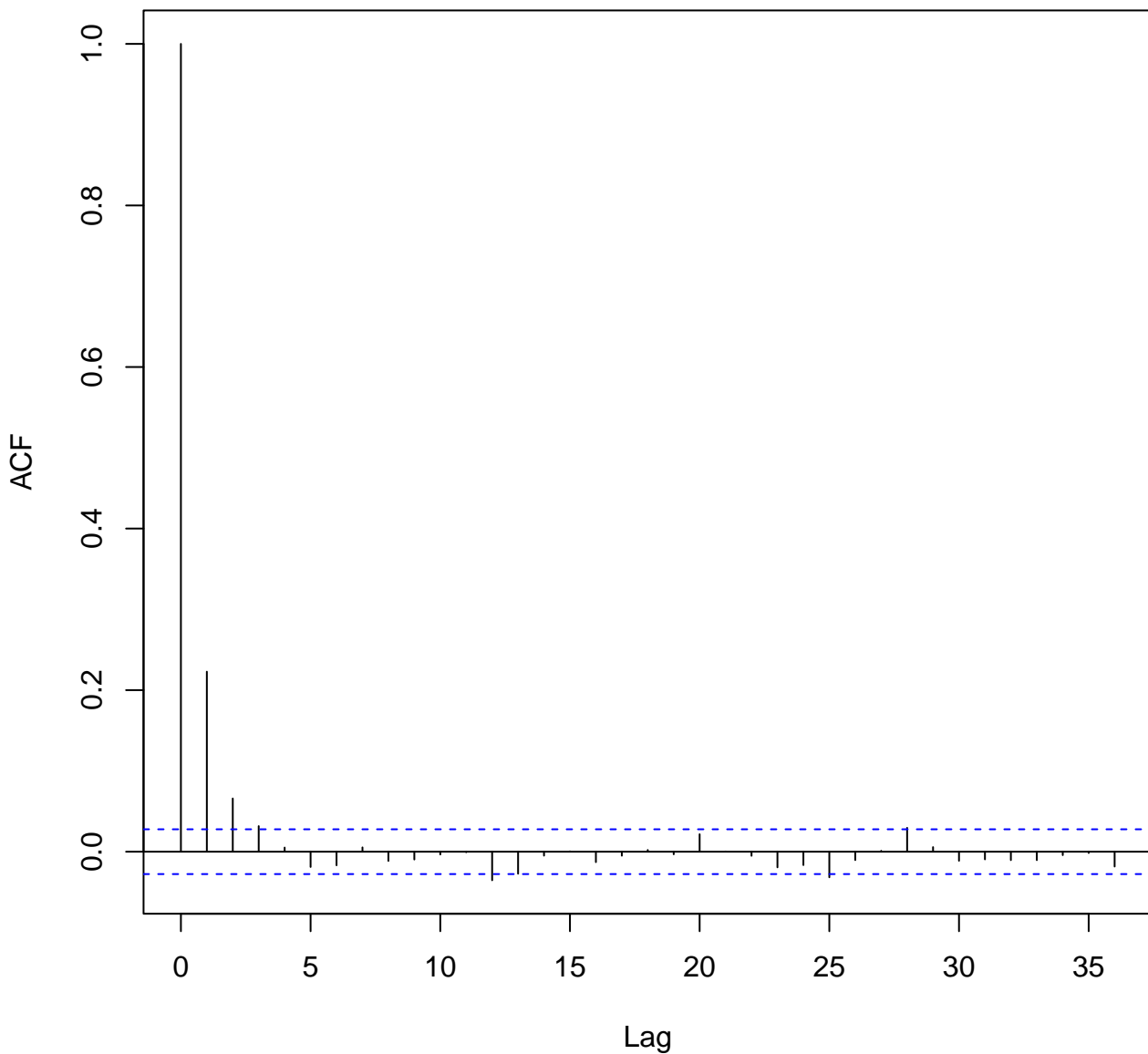
X\_26 chain 3



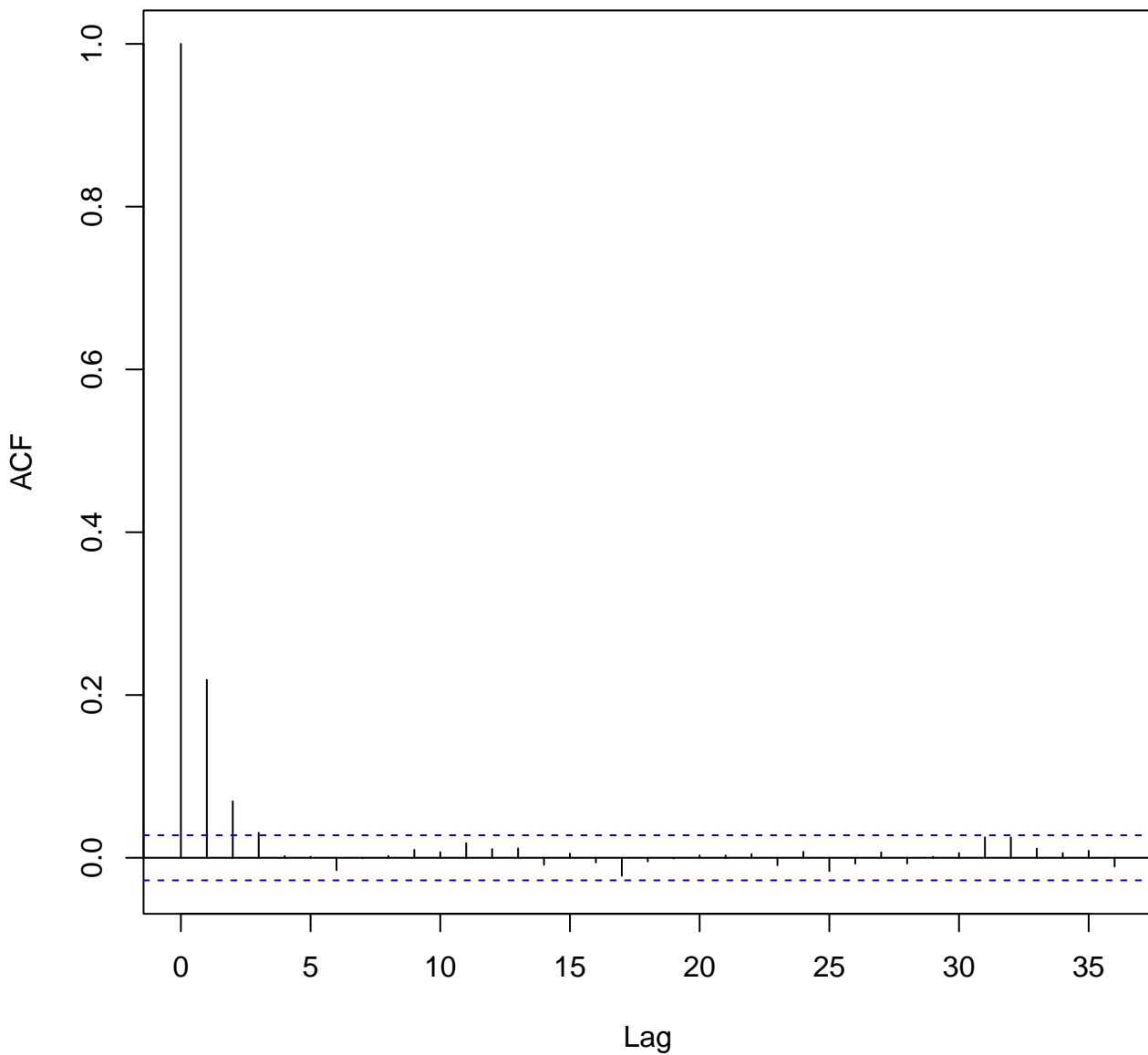
X\_26 chain 4



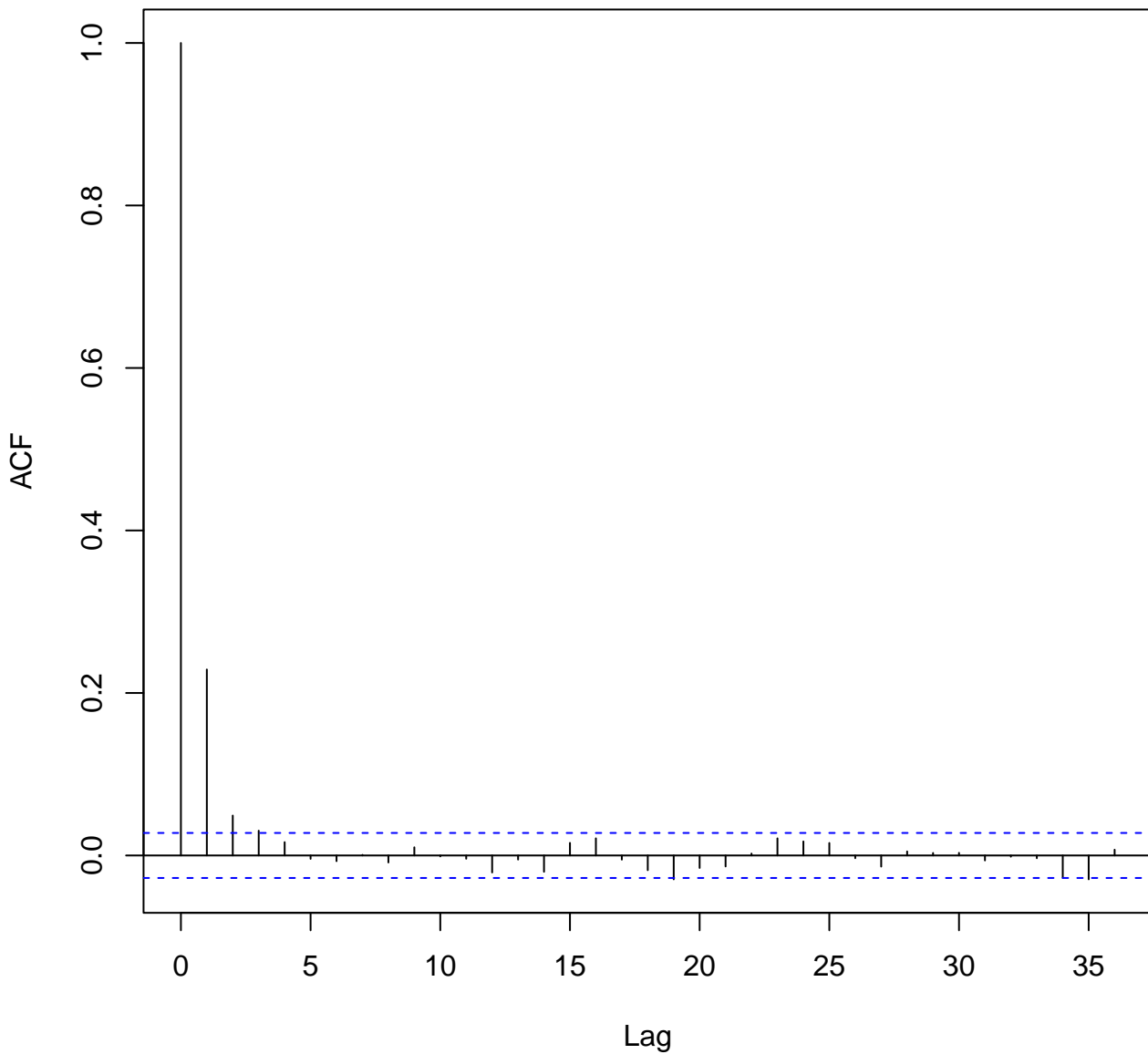
X\_26 chain 5



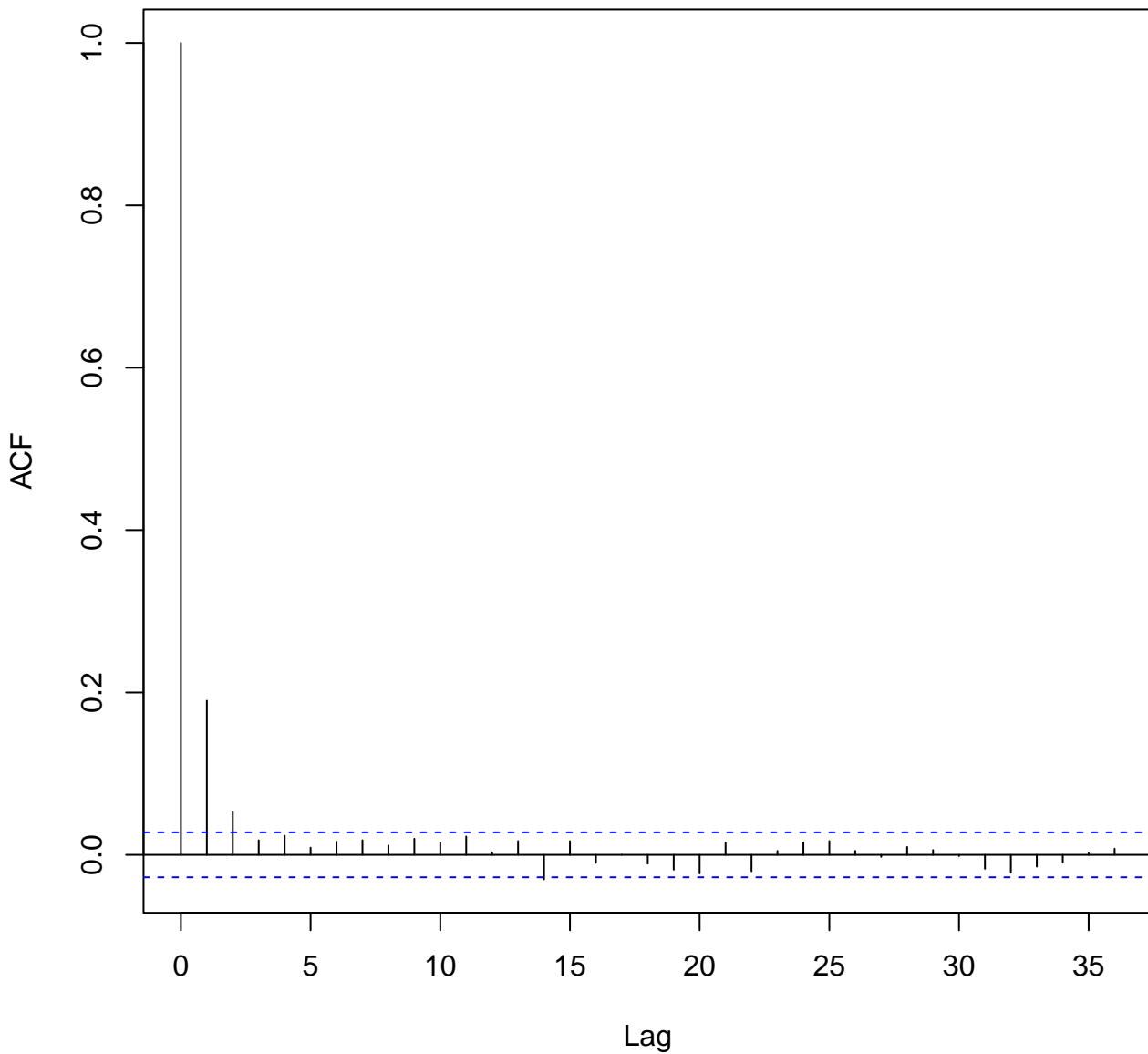
X\_26 chain 6



X\_27 chain 1

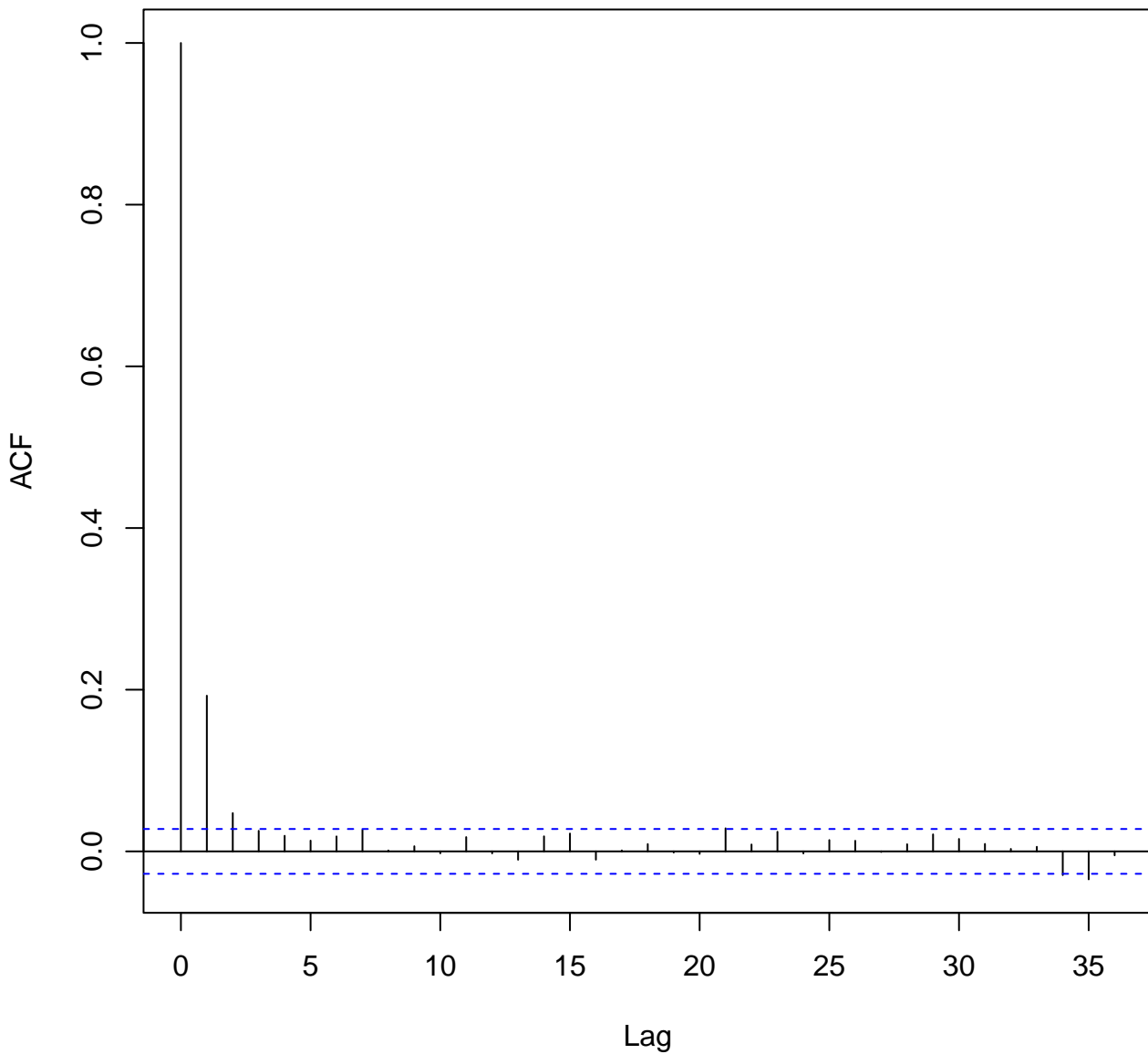


X\_27 chain 2

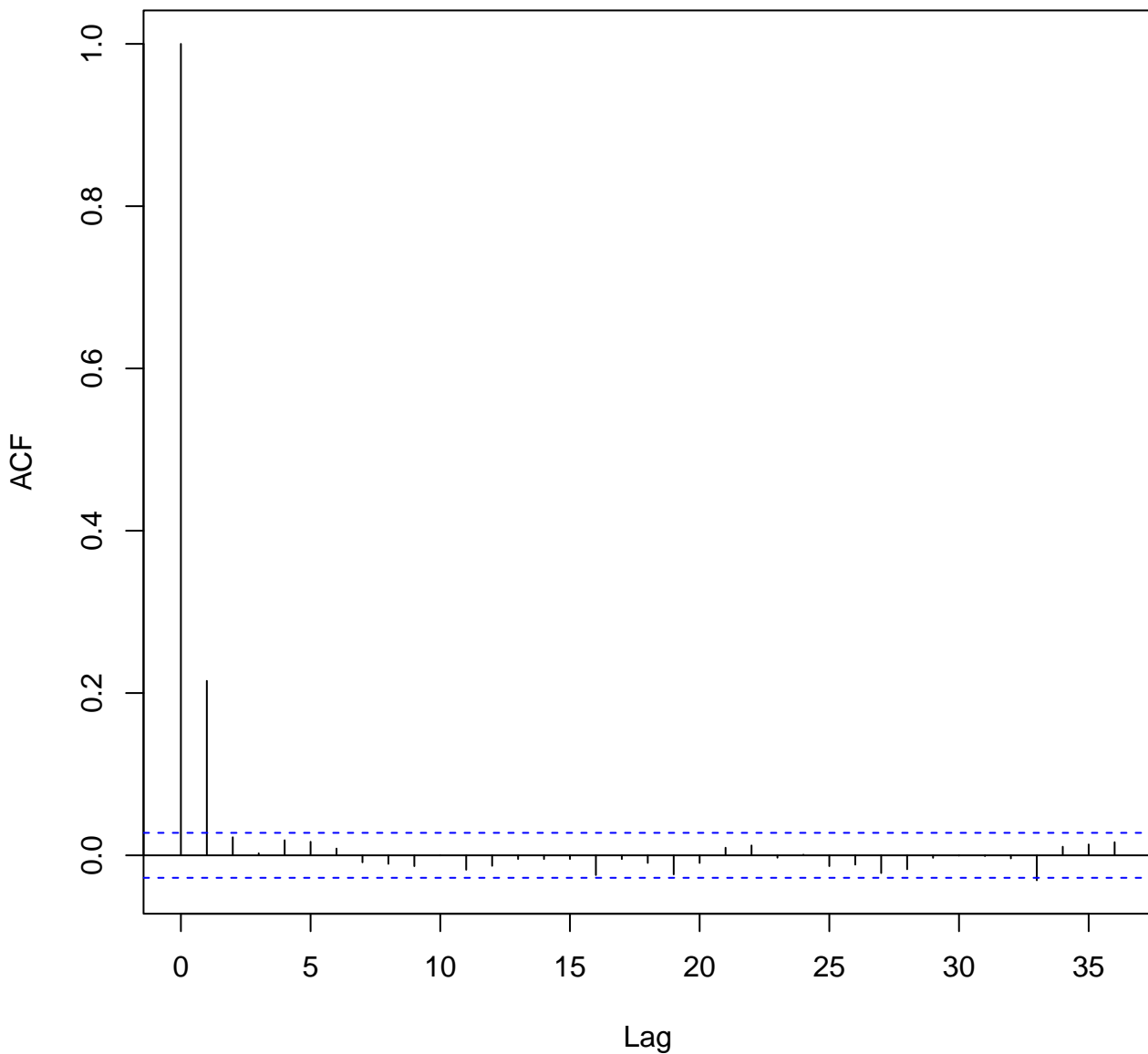




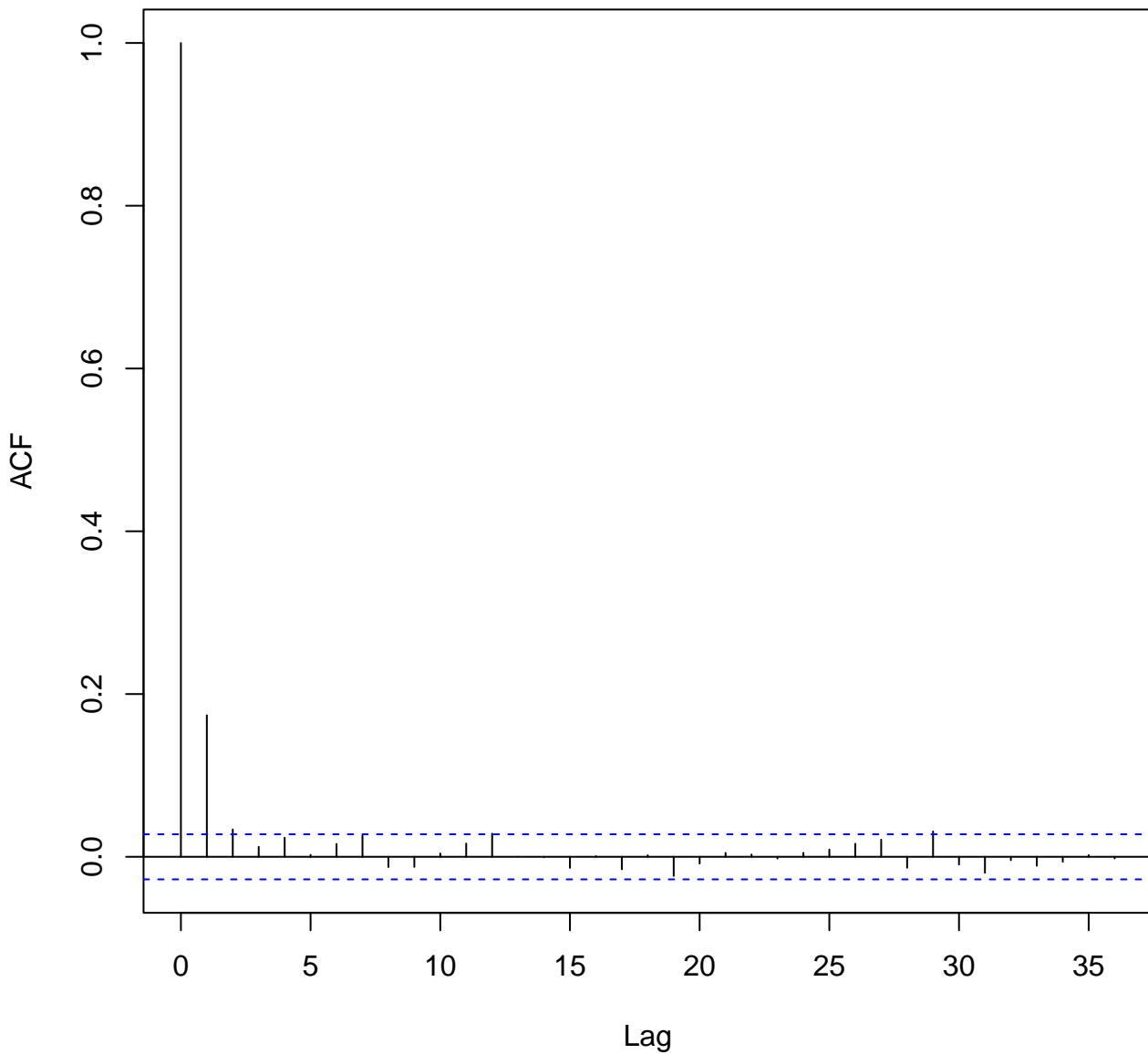
X\_27 chain 3



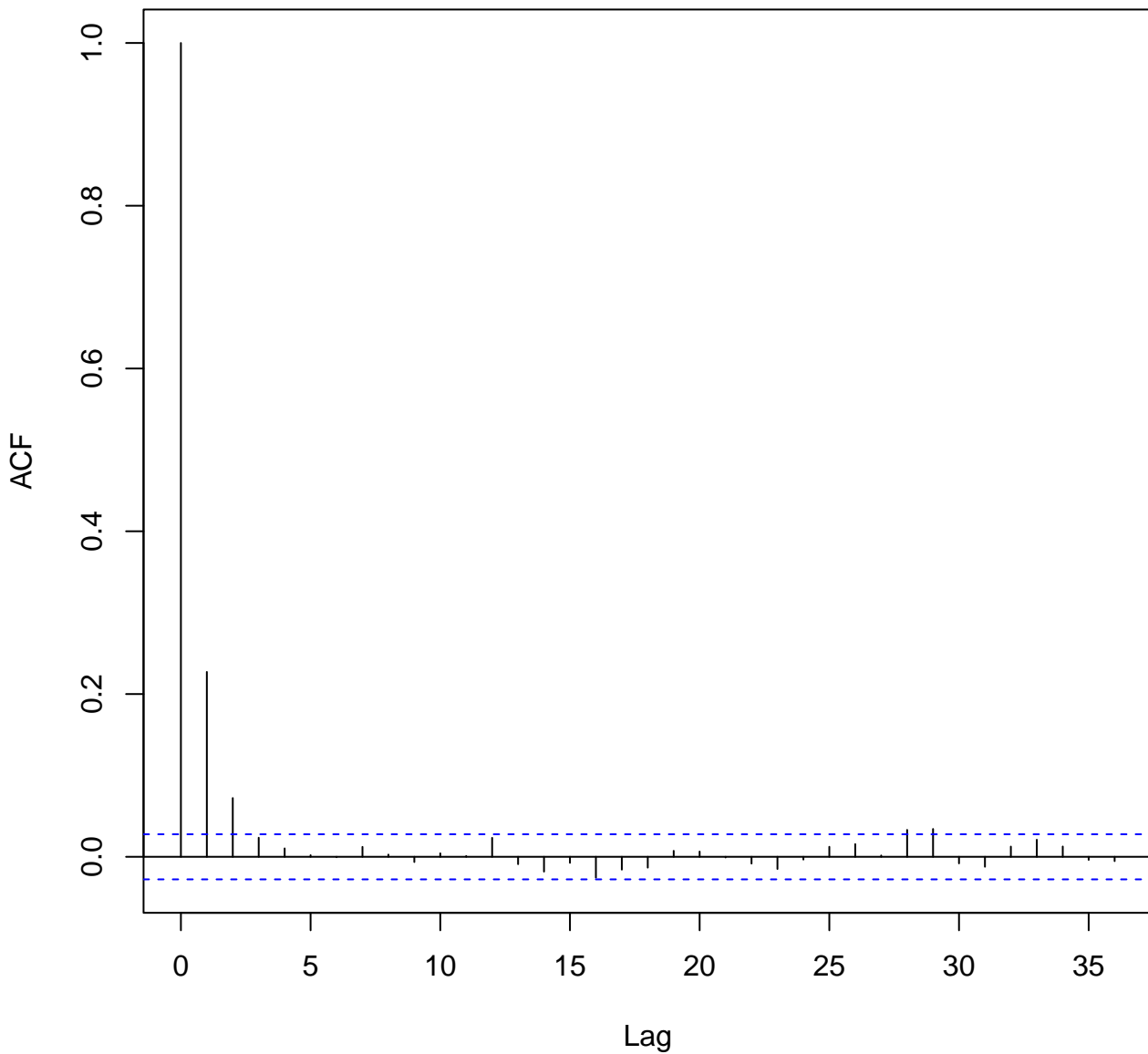
X\_27 chain 4



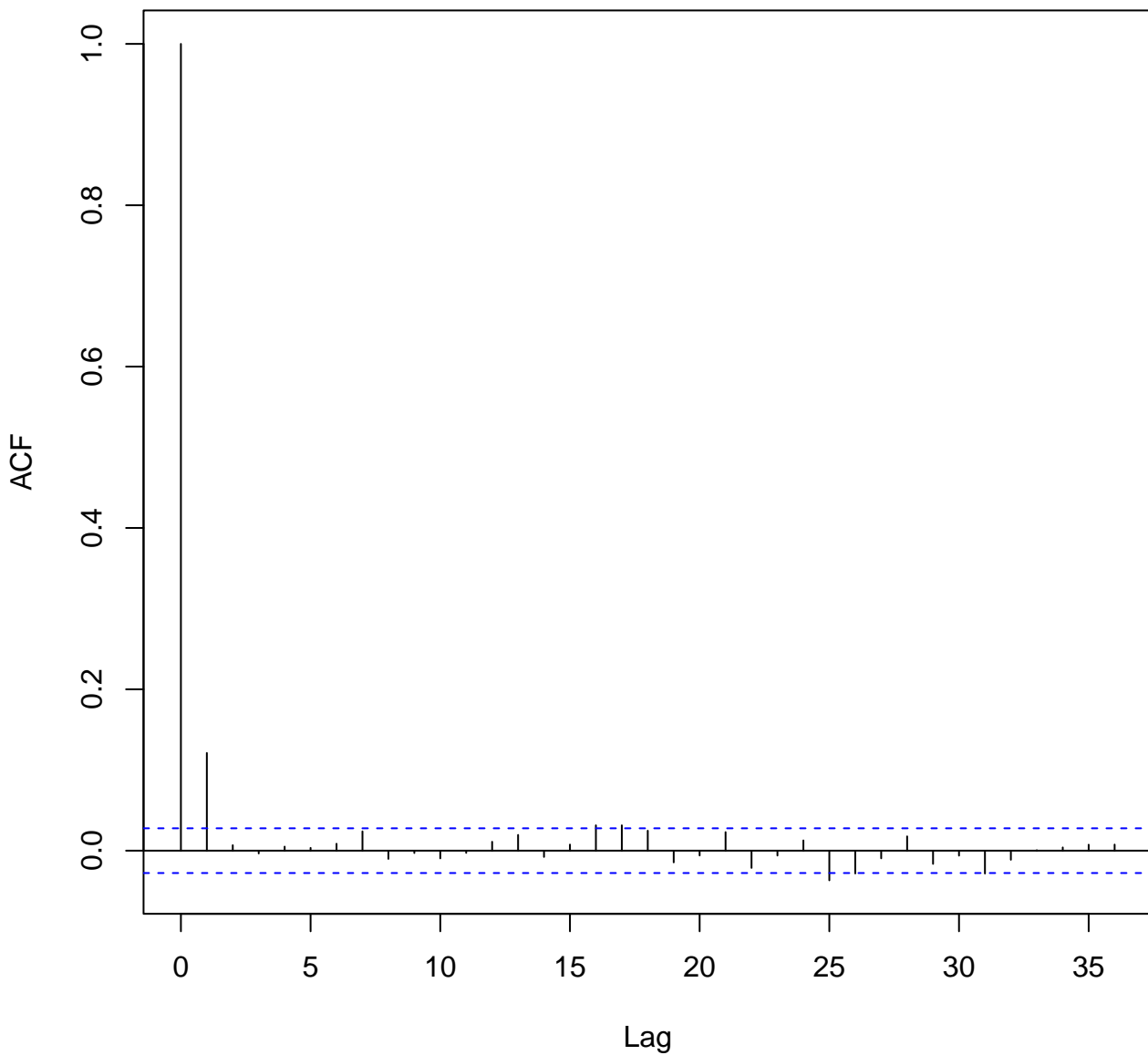
X\_27 chain 5



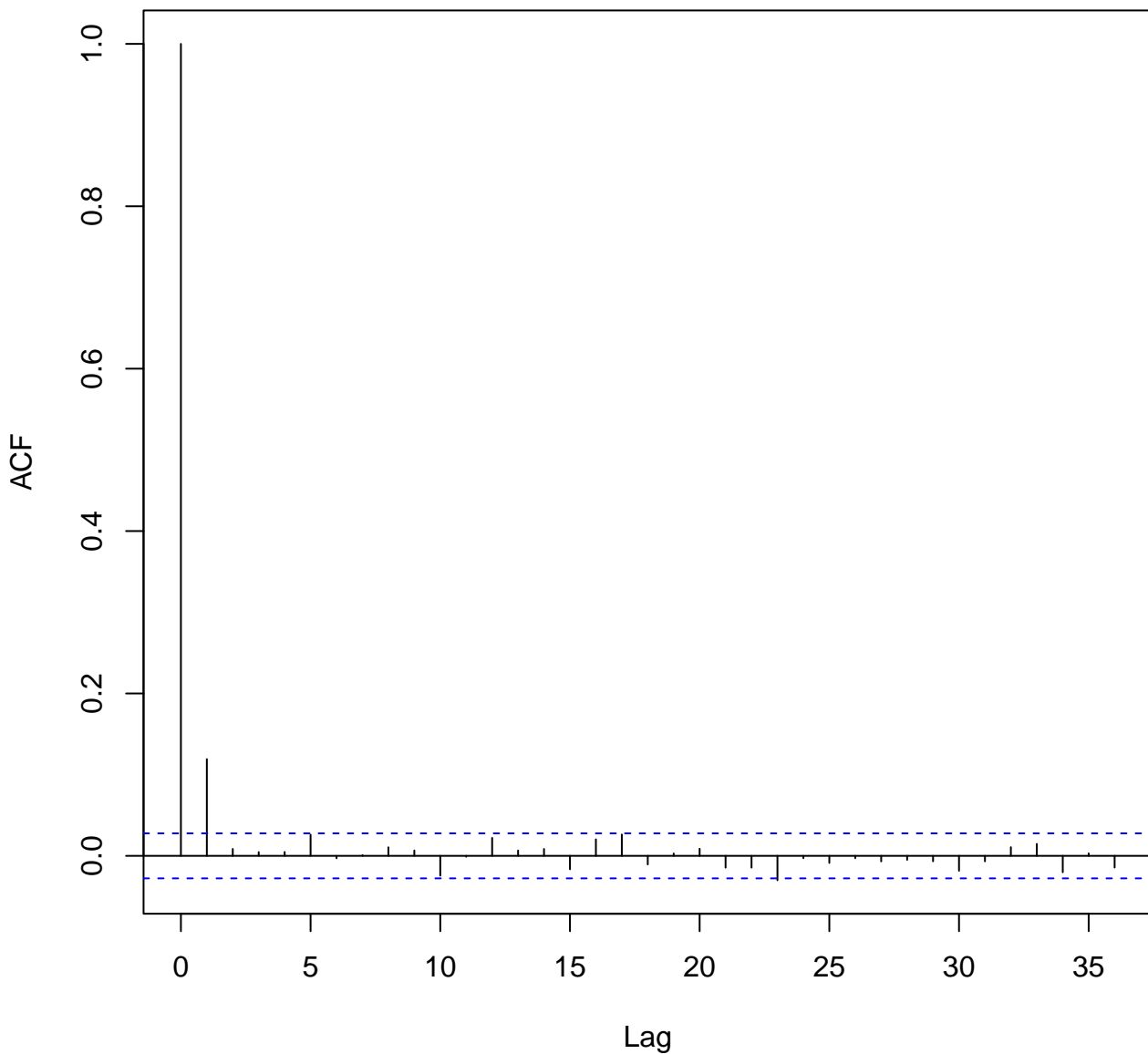
X\_27 chain 6



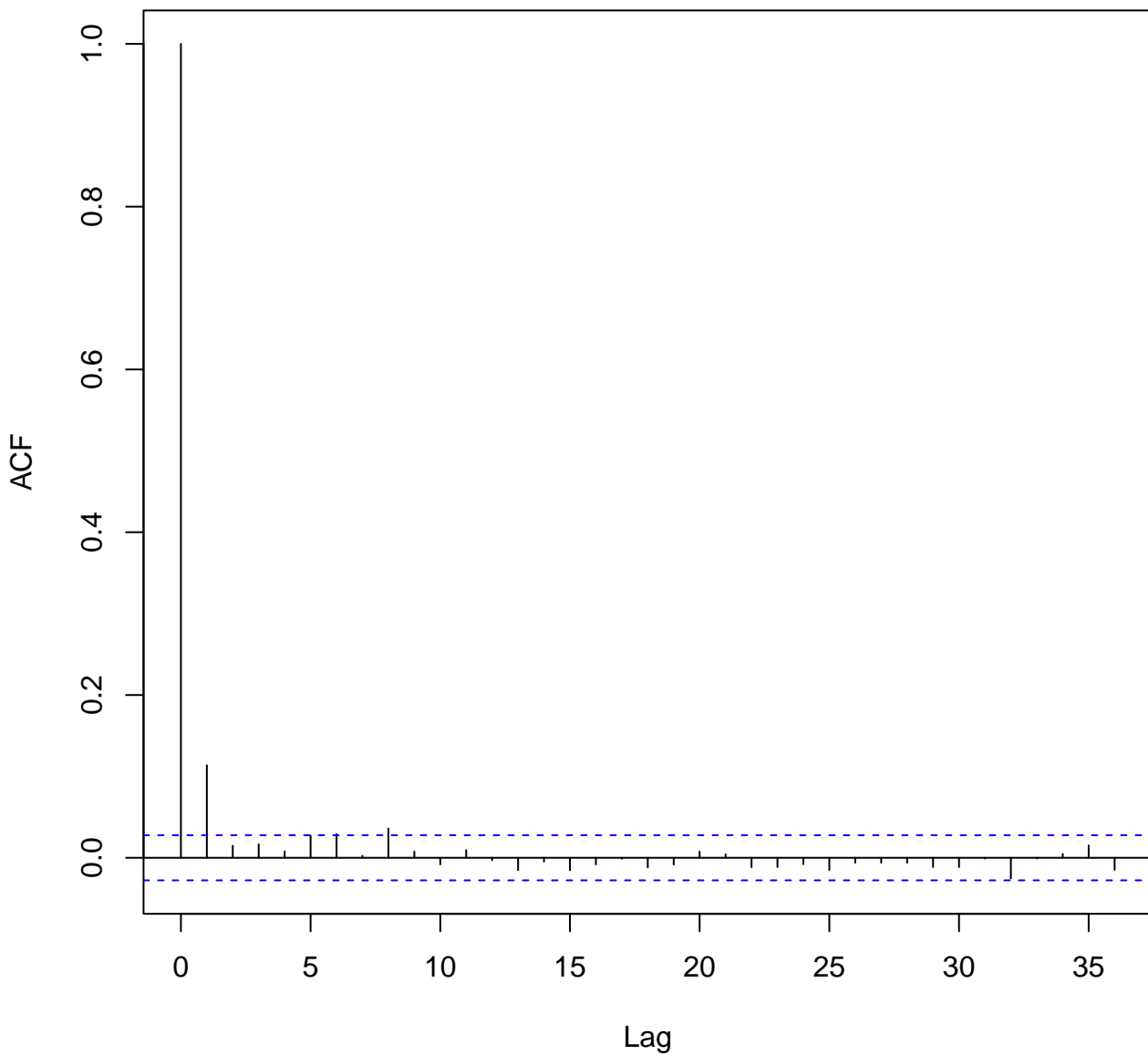
# X\_28 chain 1



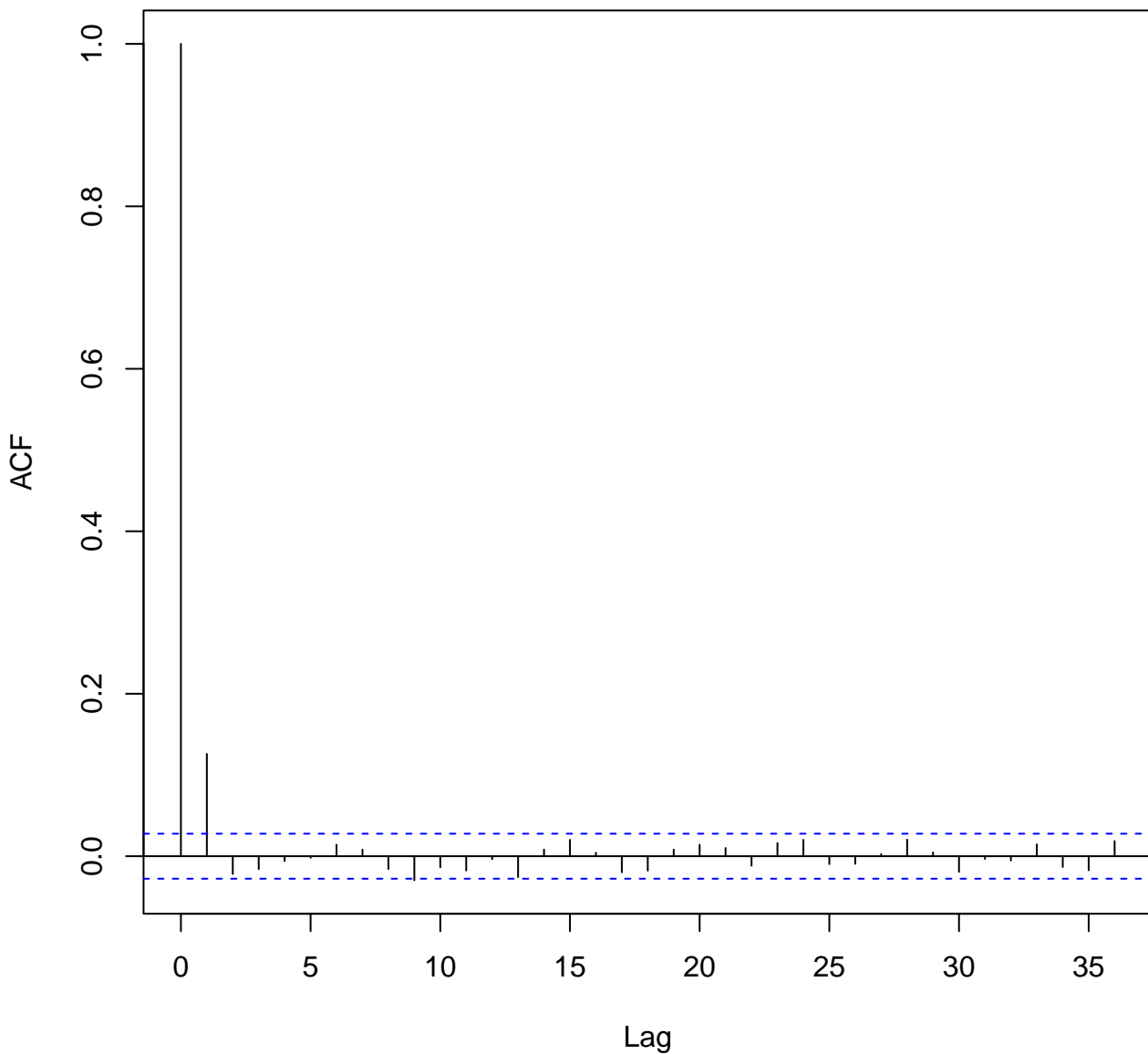
# X\_28 chain 2



X\_28 chain 3

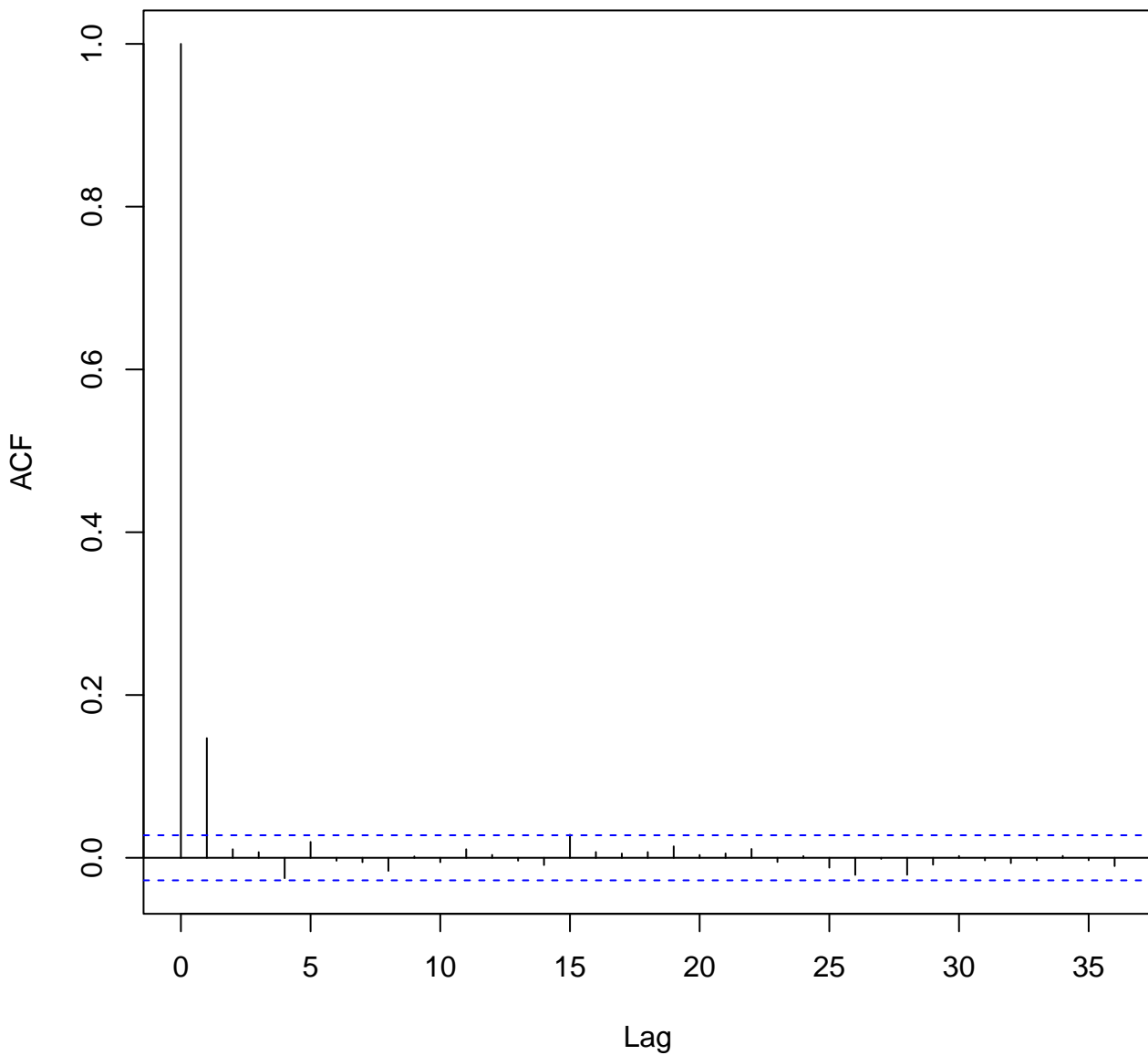


X\_28 chain 4

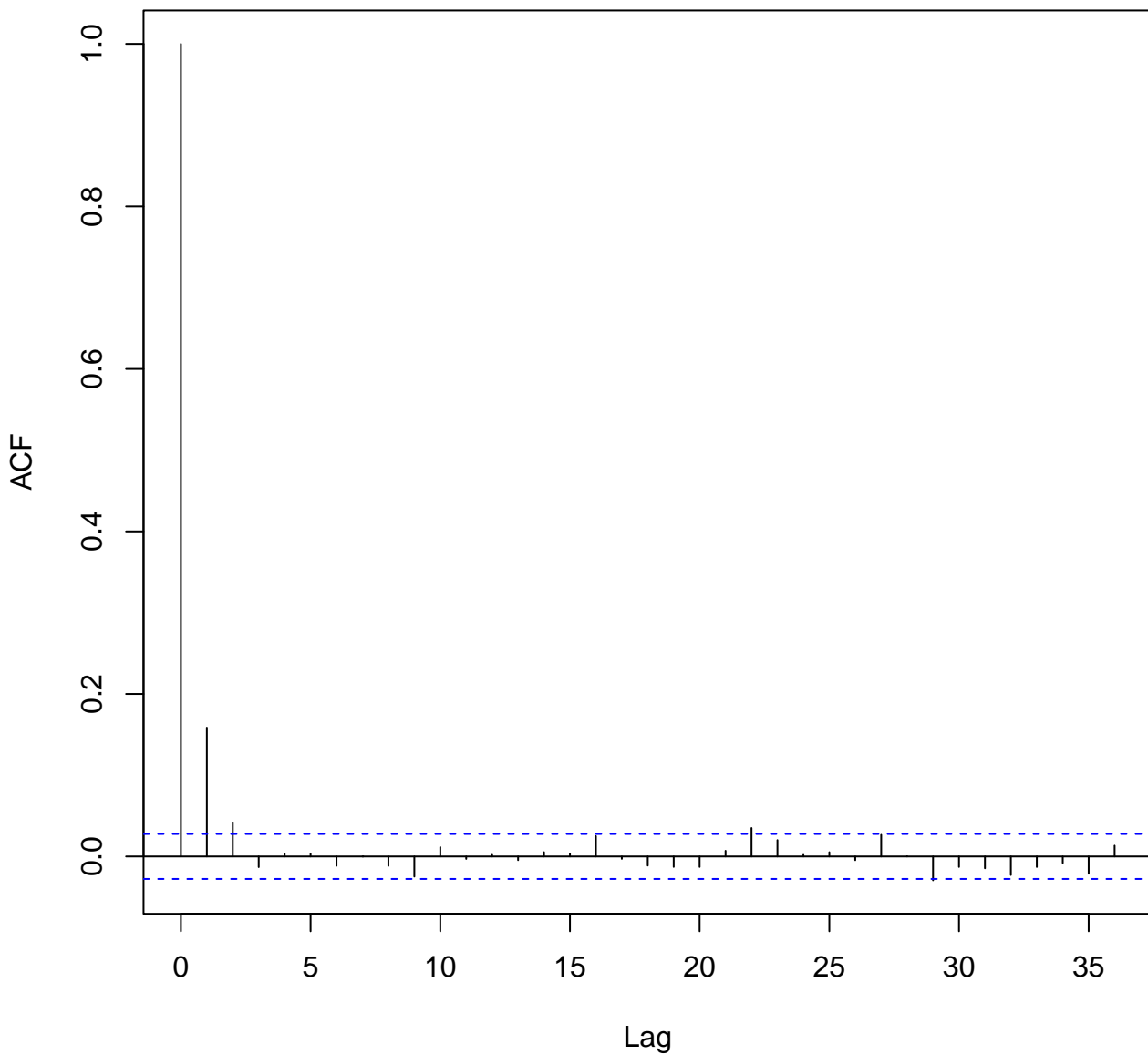




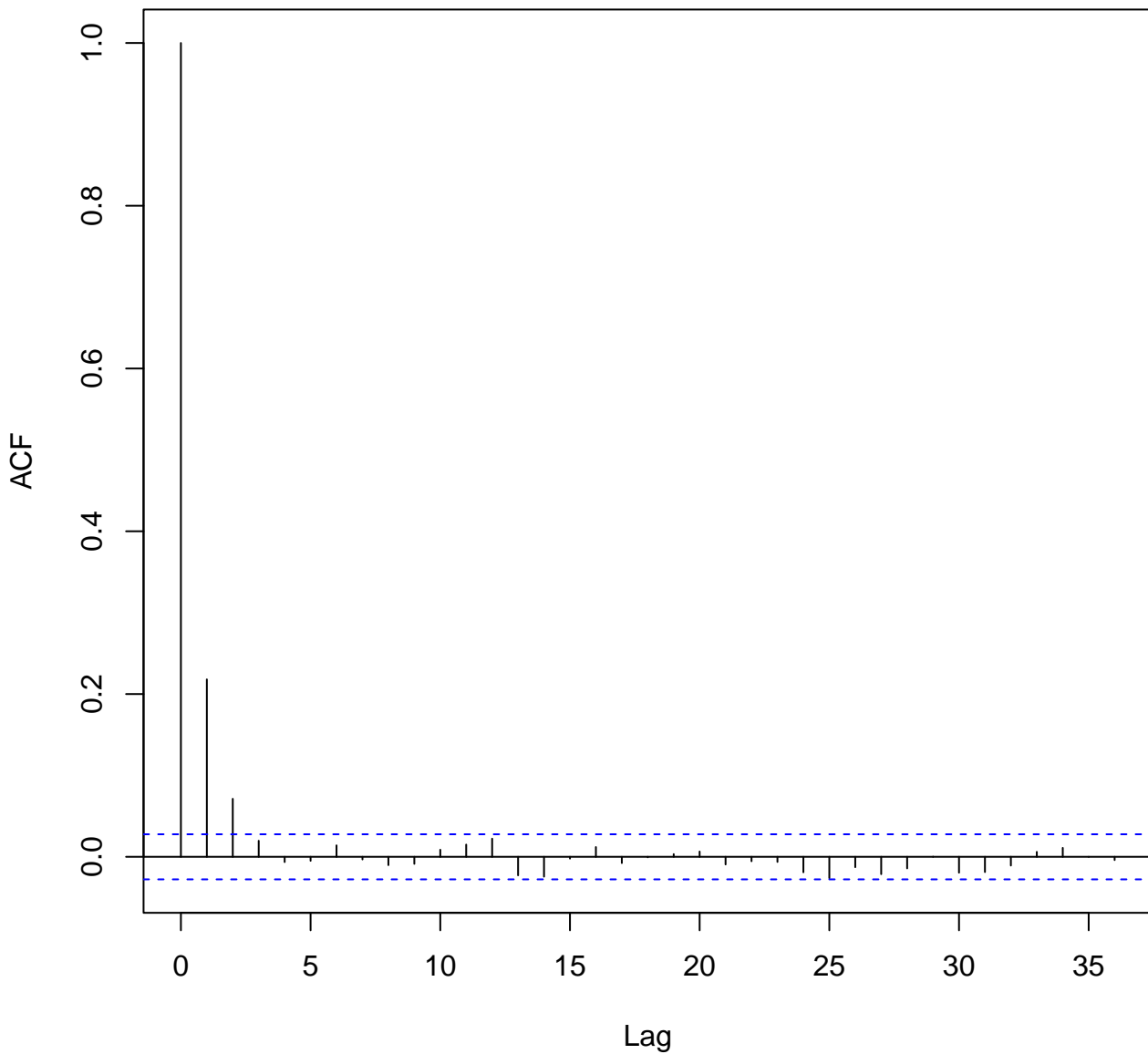
X\_28 chain 5



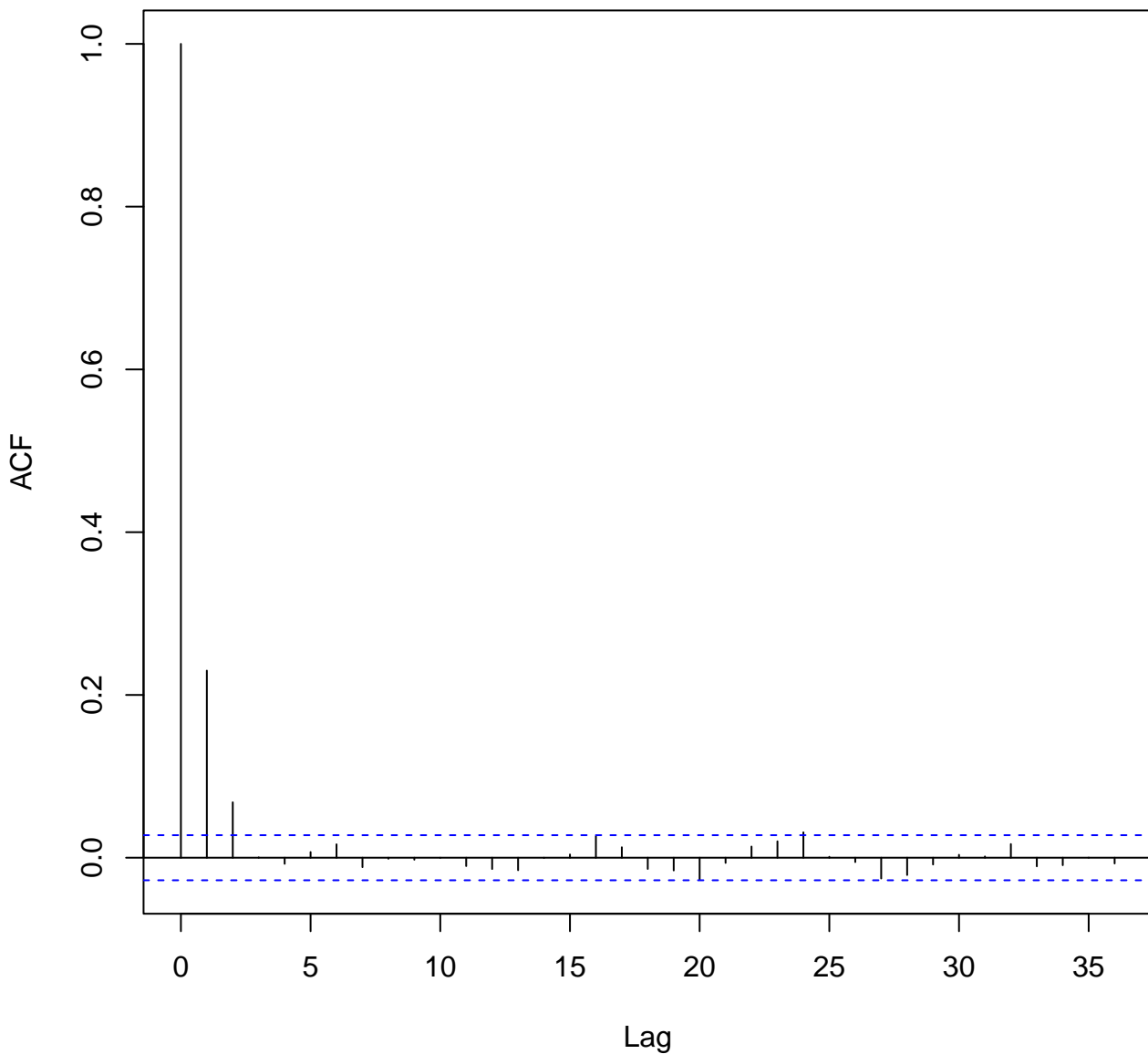
X\_28 chain 6



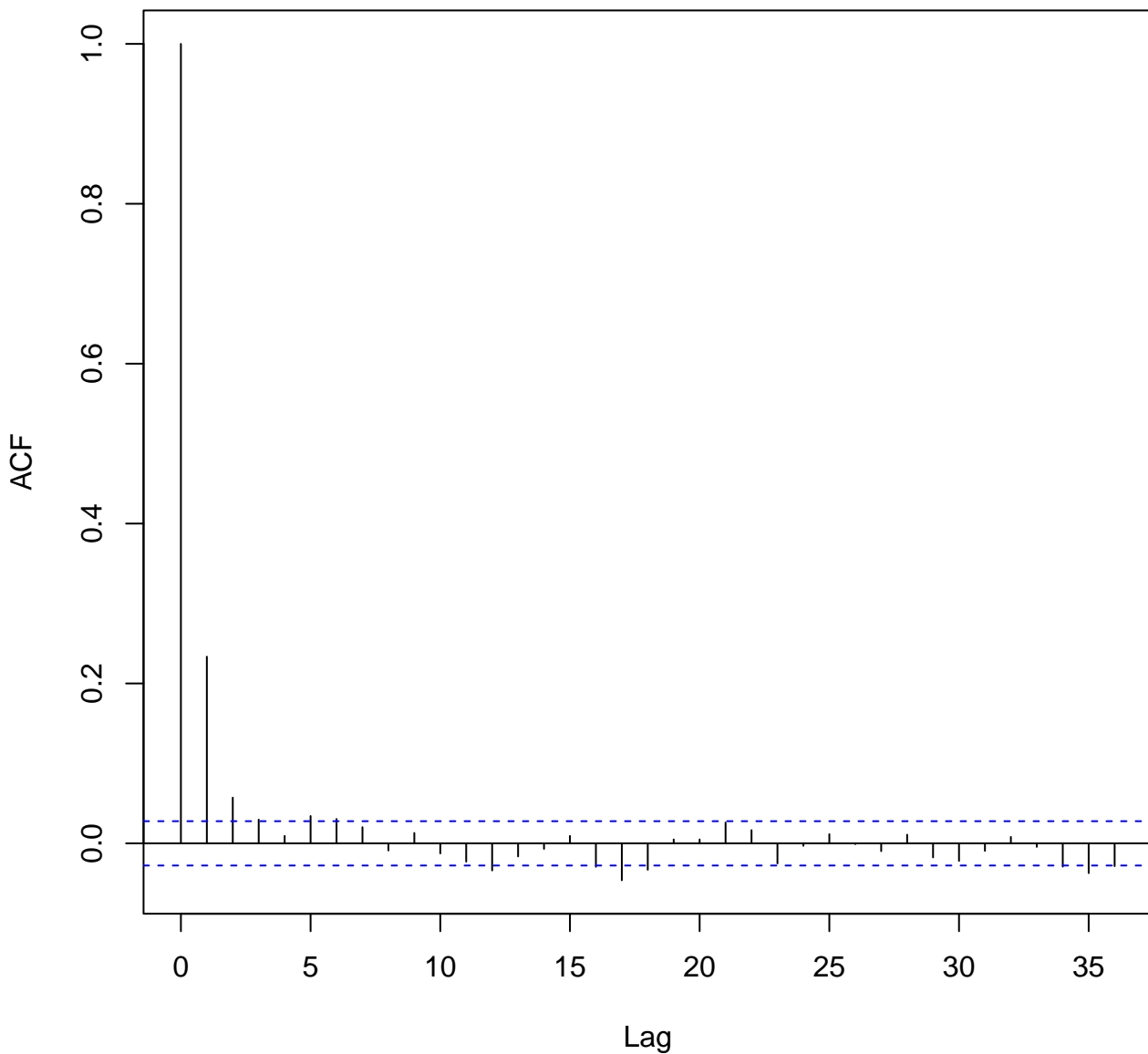
X\_29 chain 1



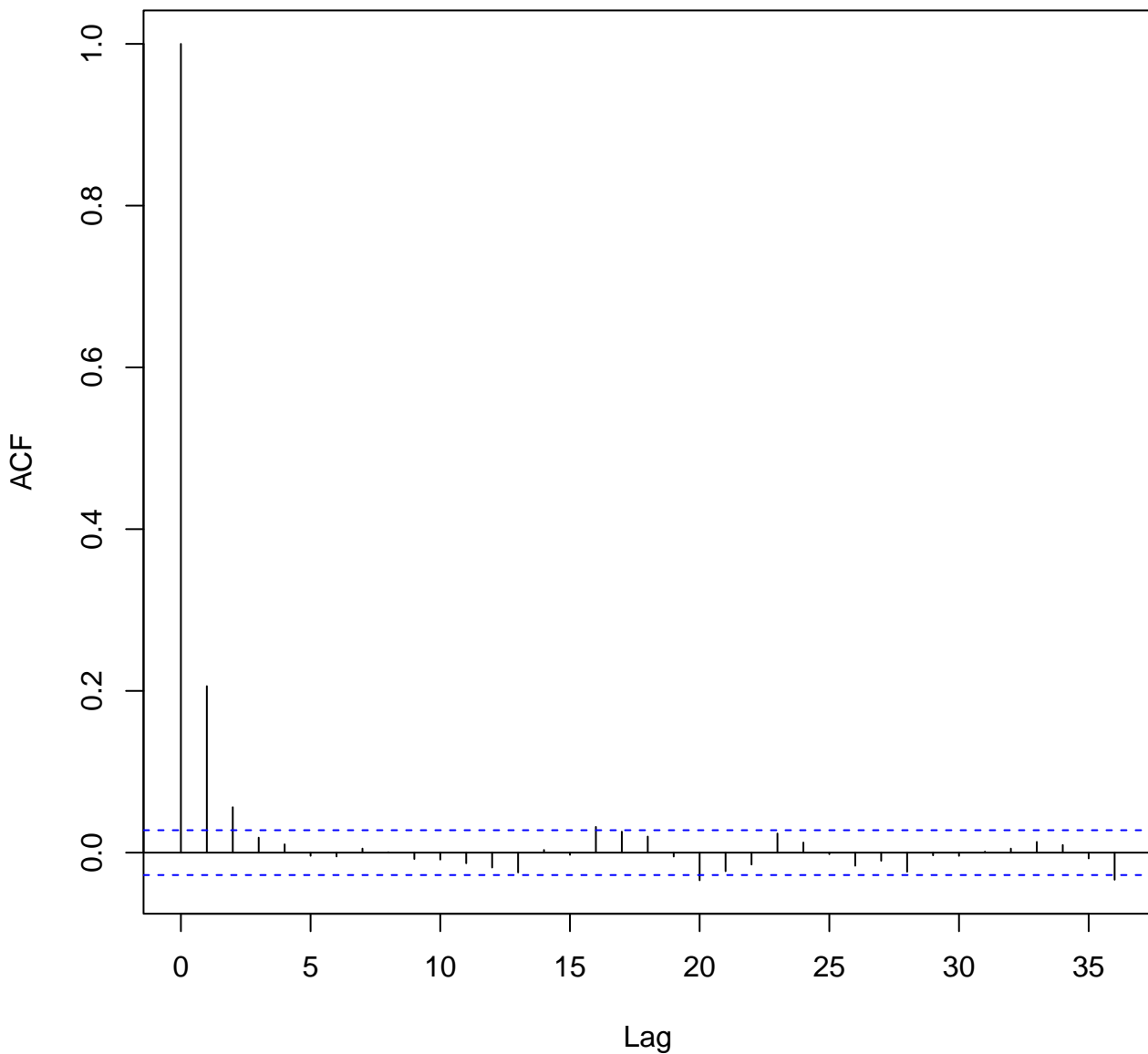
**X\_29 chain 2**



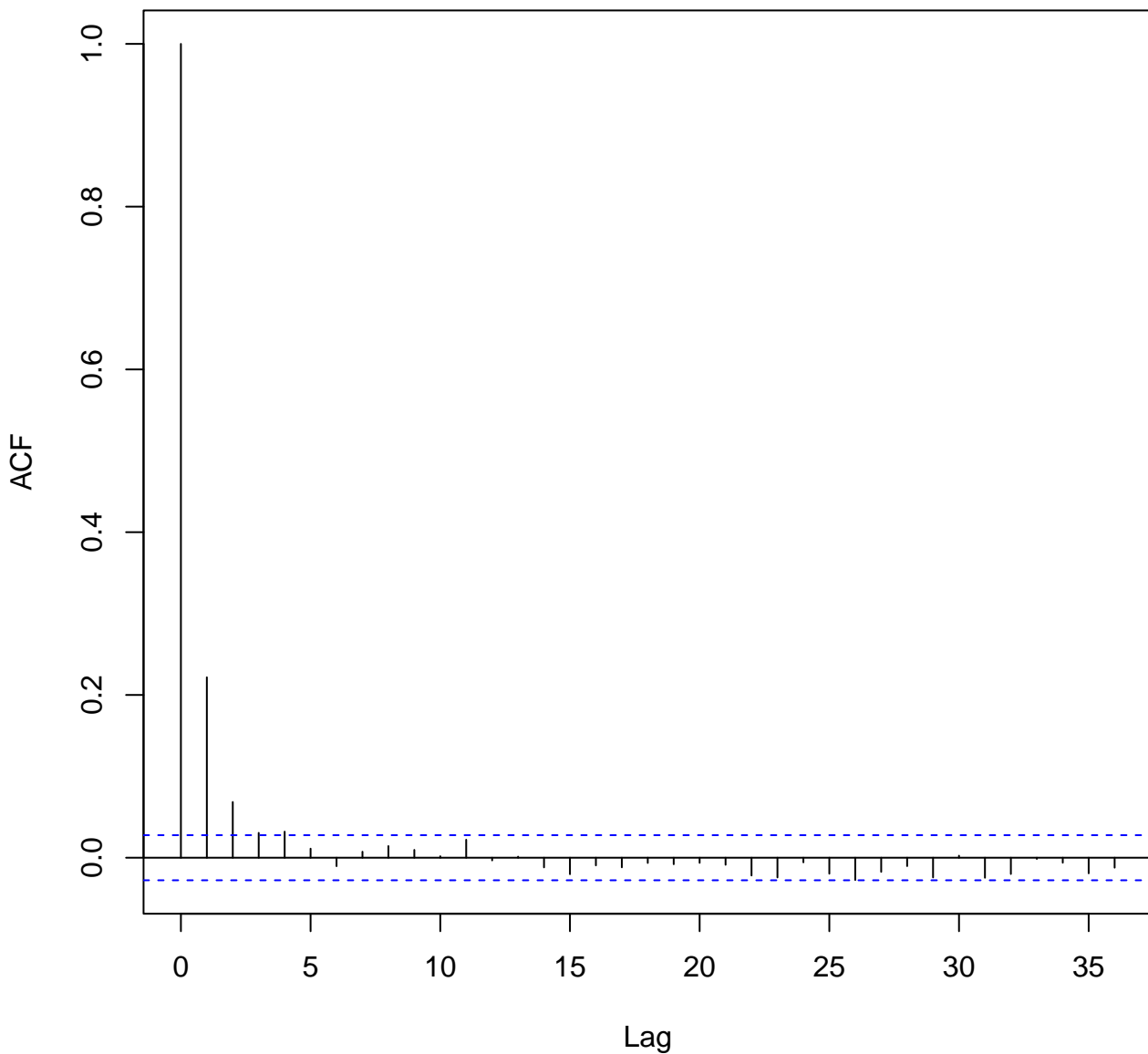
**X\_29 chain 3**



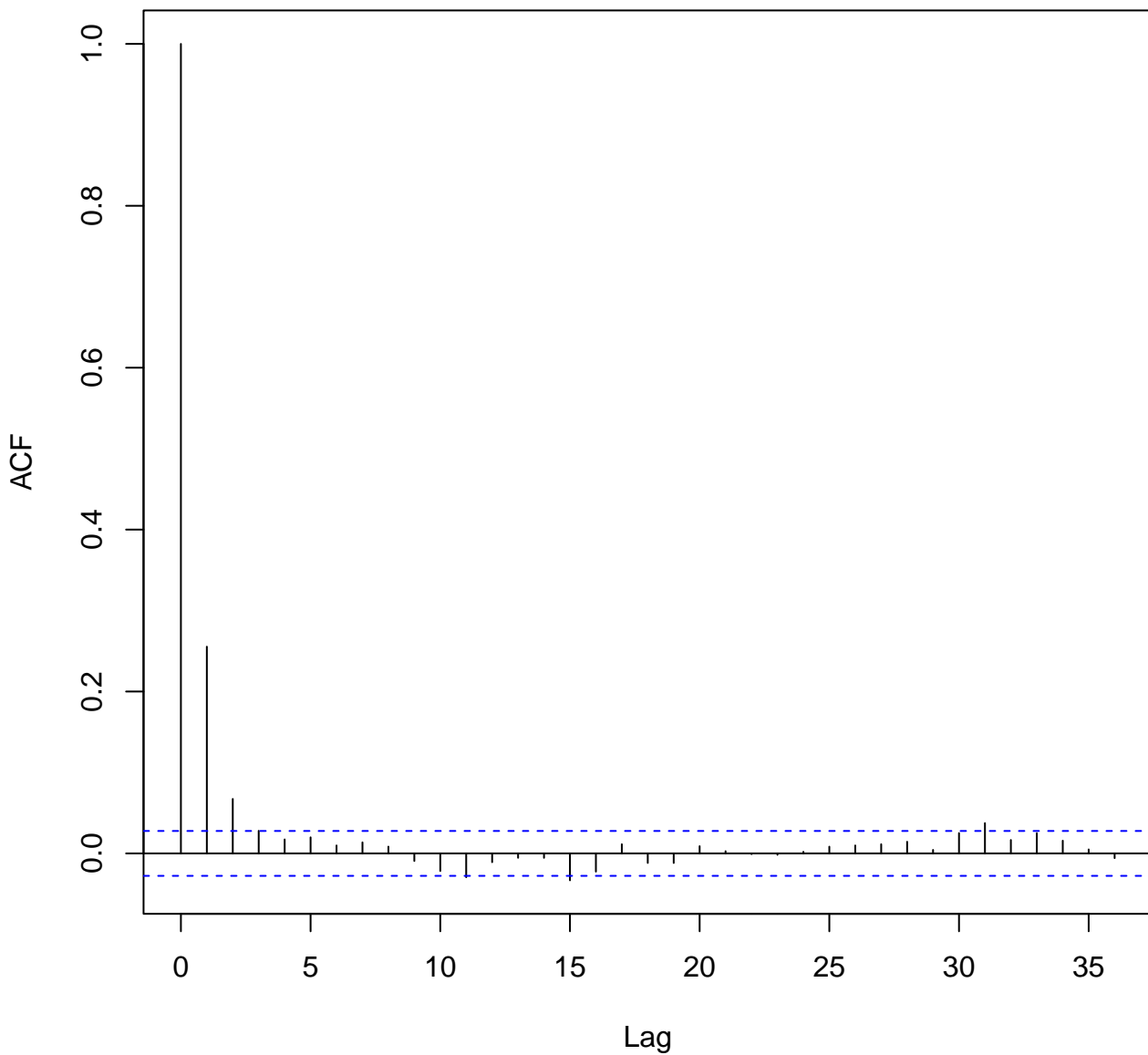
X\_29 chain 4



X\_29 chain 5

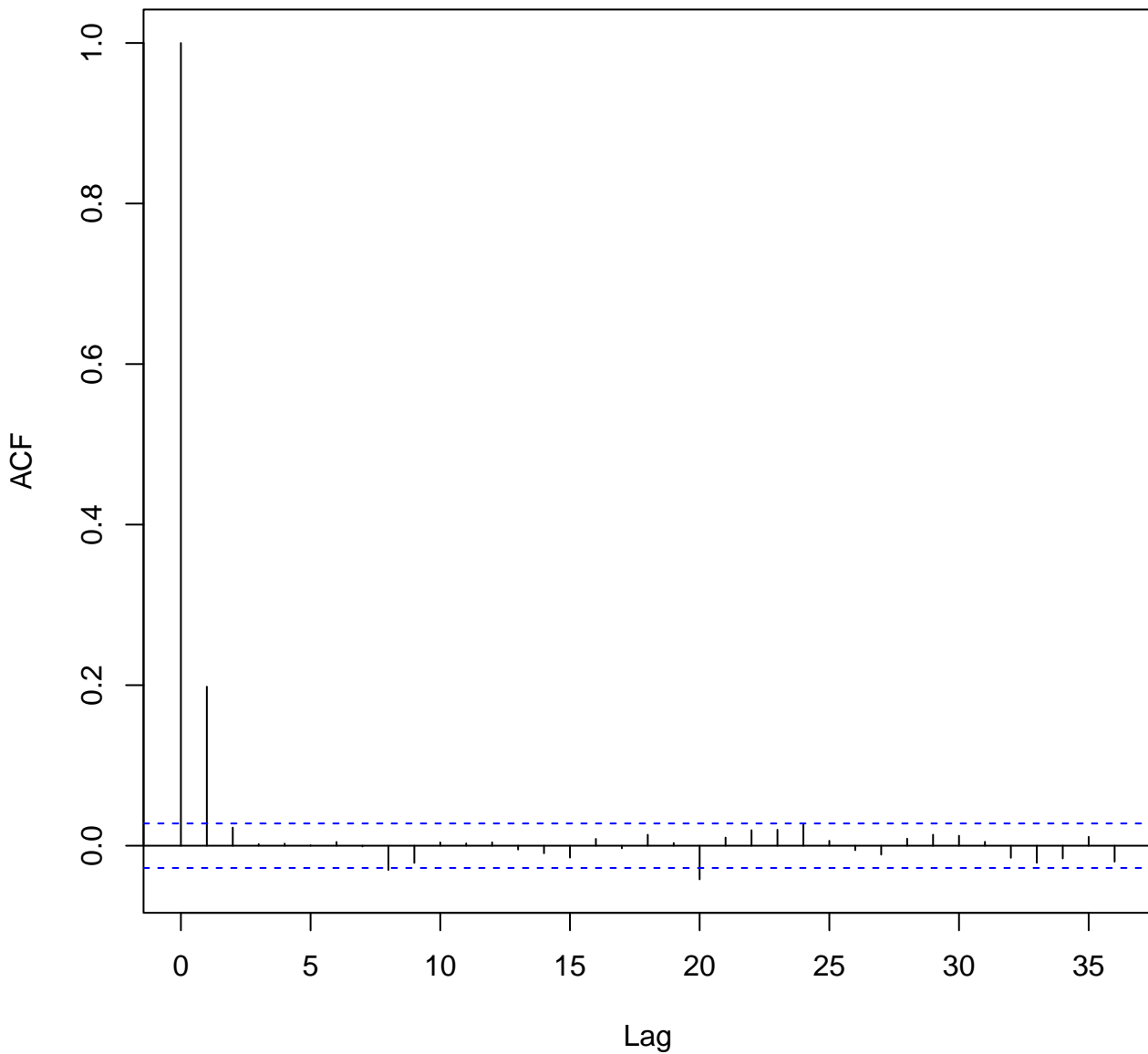


X\_29 chain 6

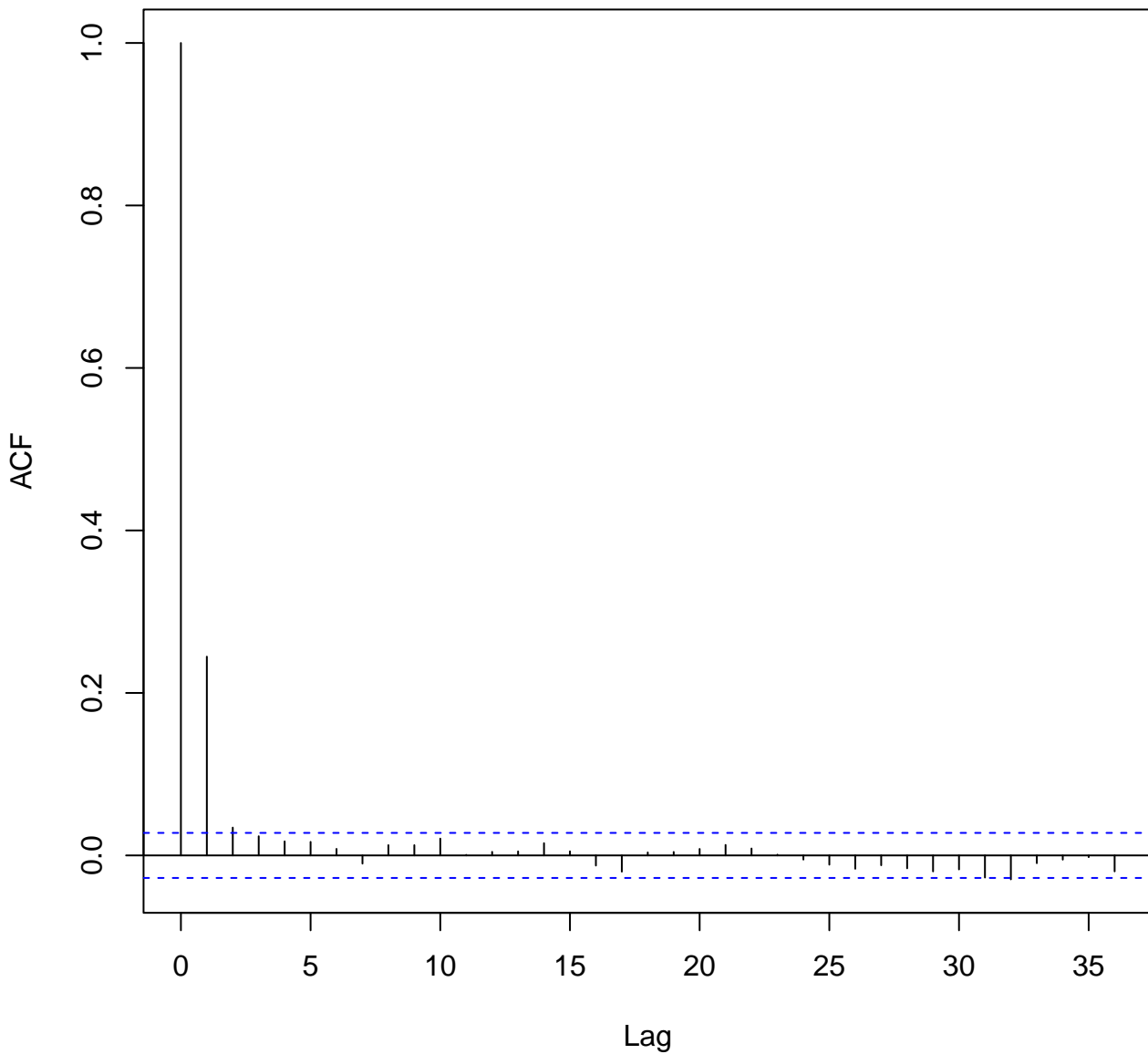




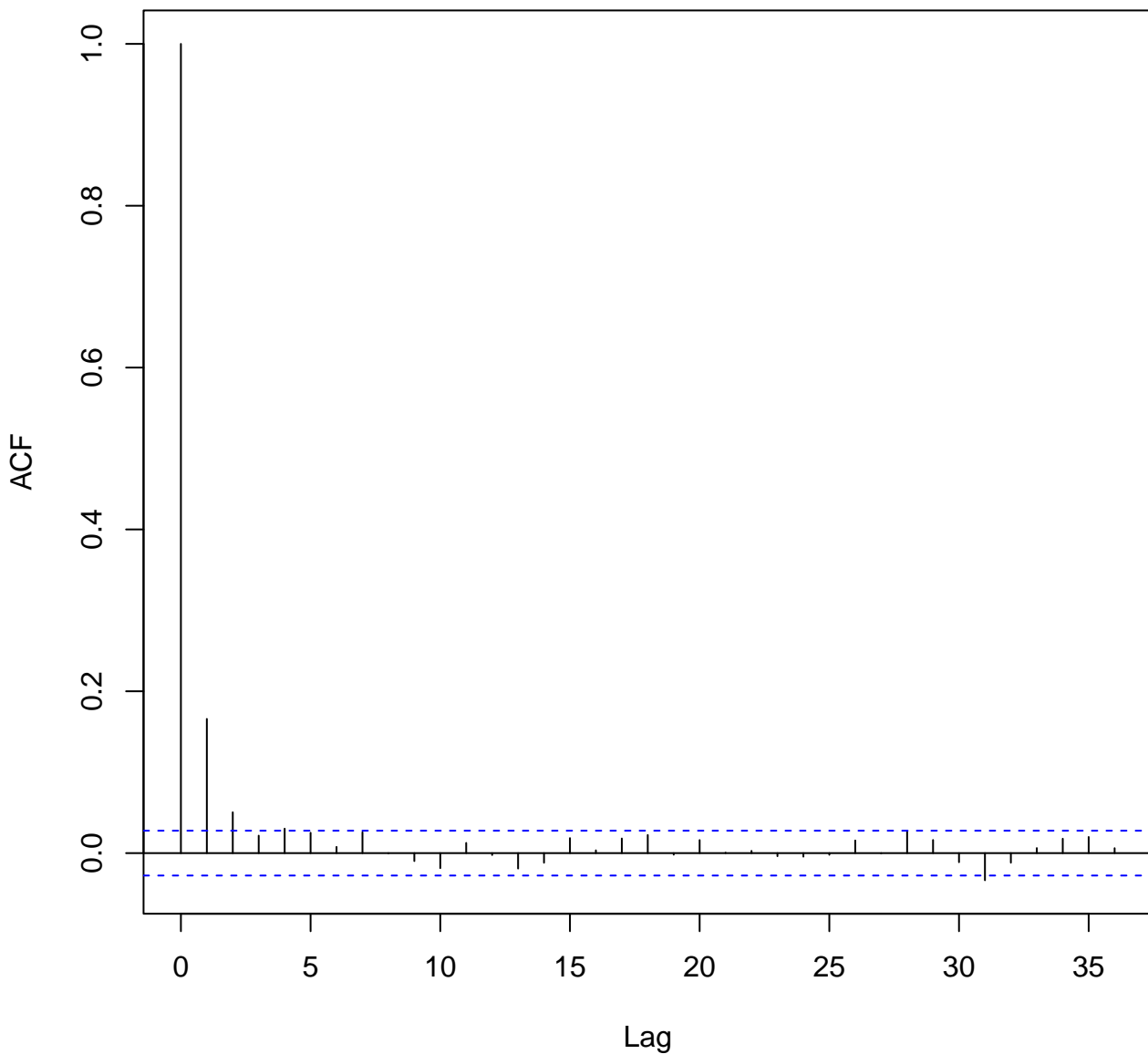
X\_30 chain 1



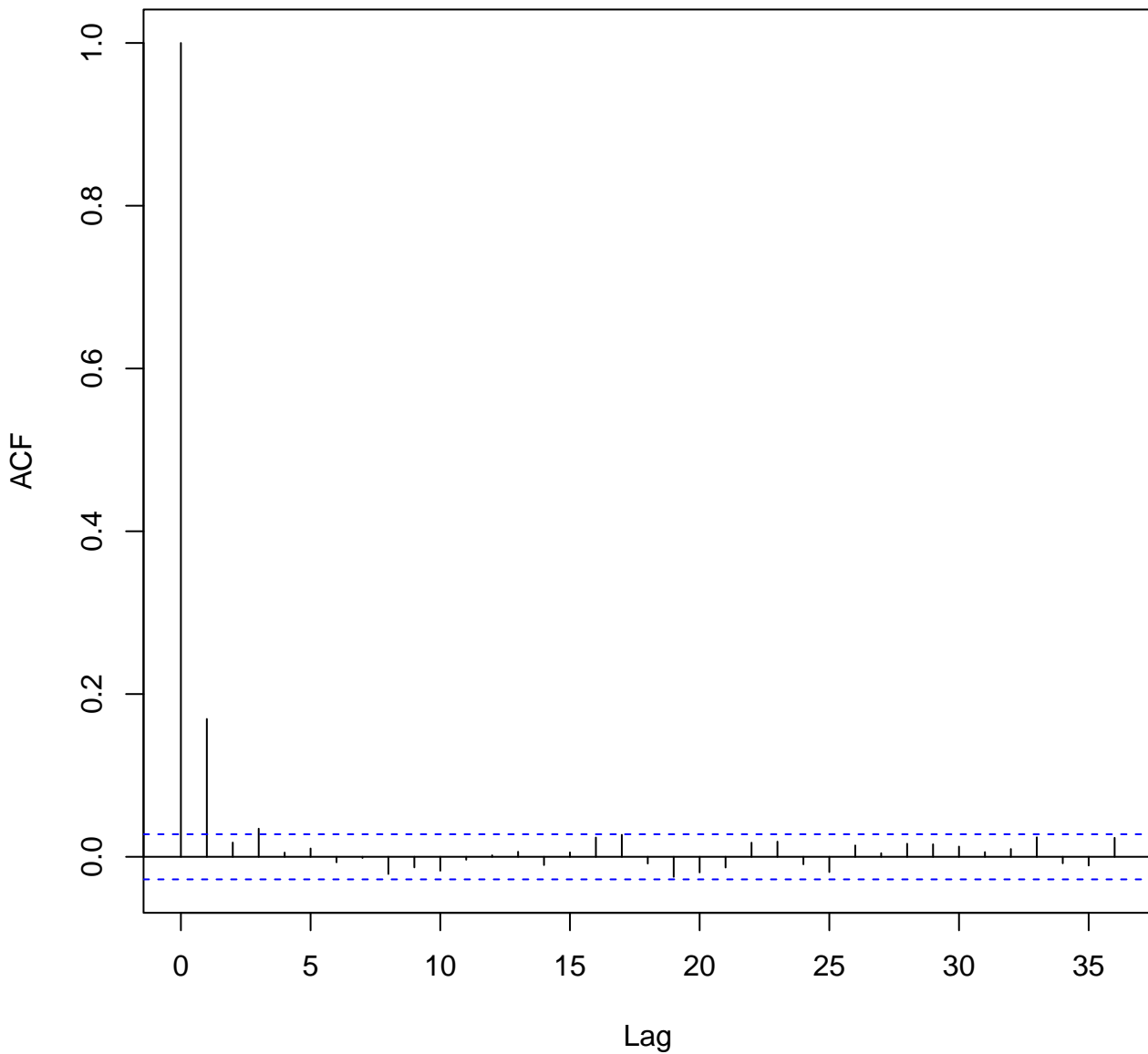
**X\_30 chain 2**



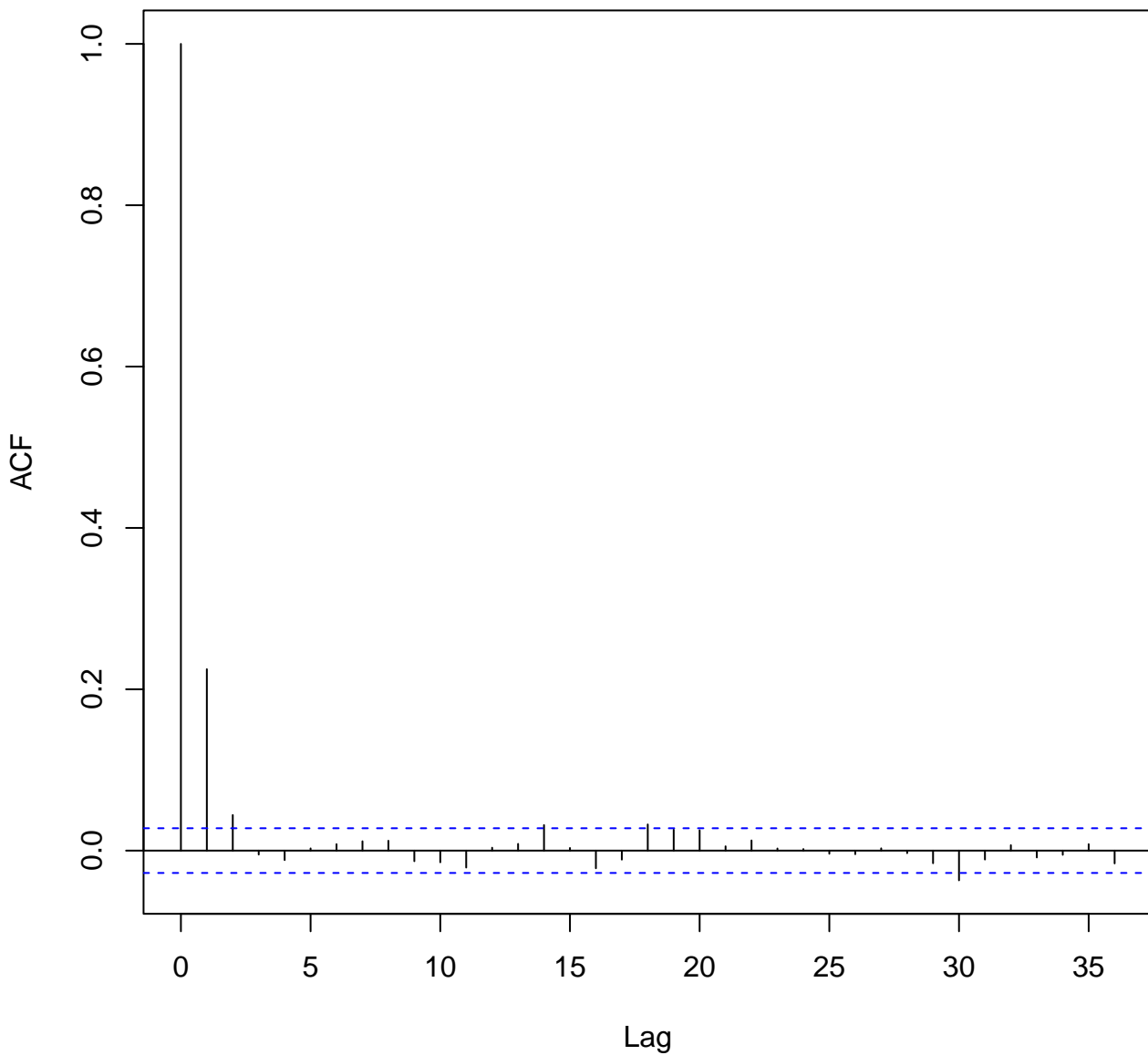
**X\_30 chain 3**



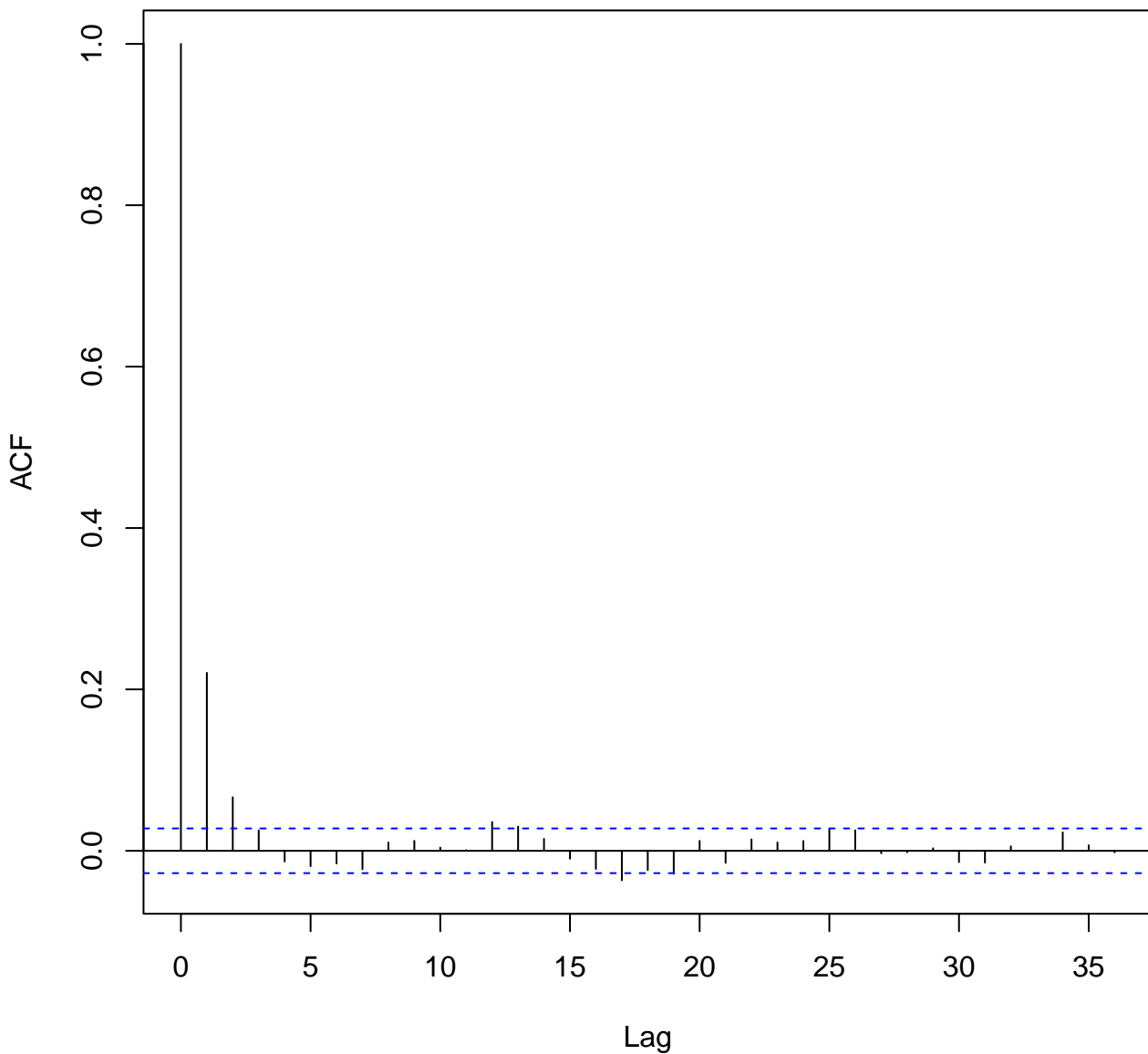
X\_30 chain 4



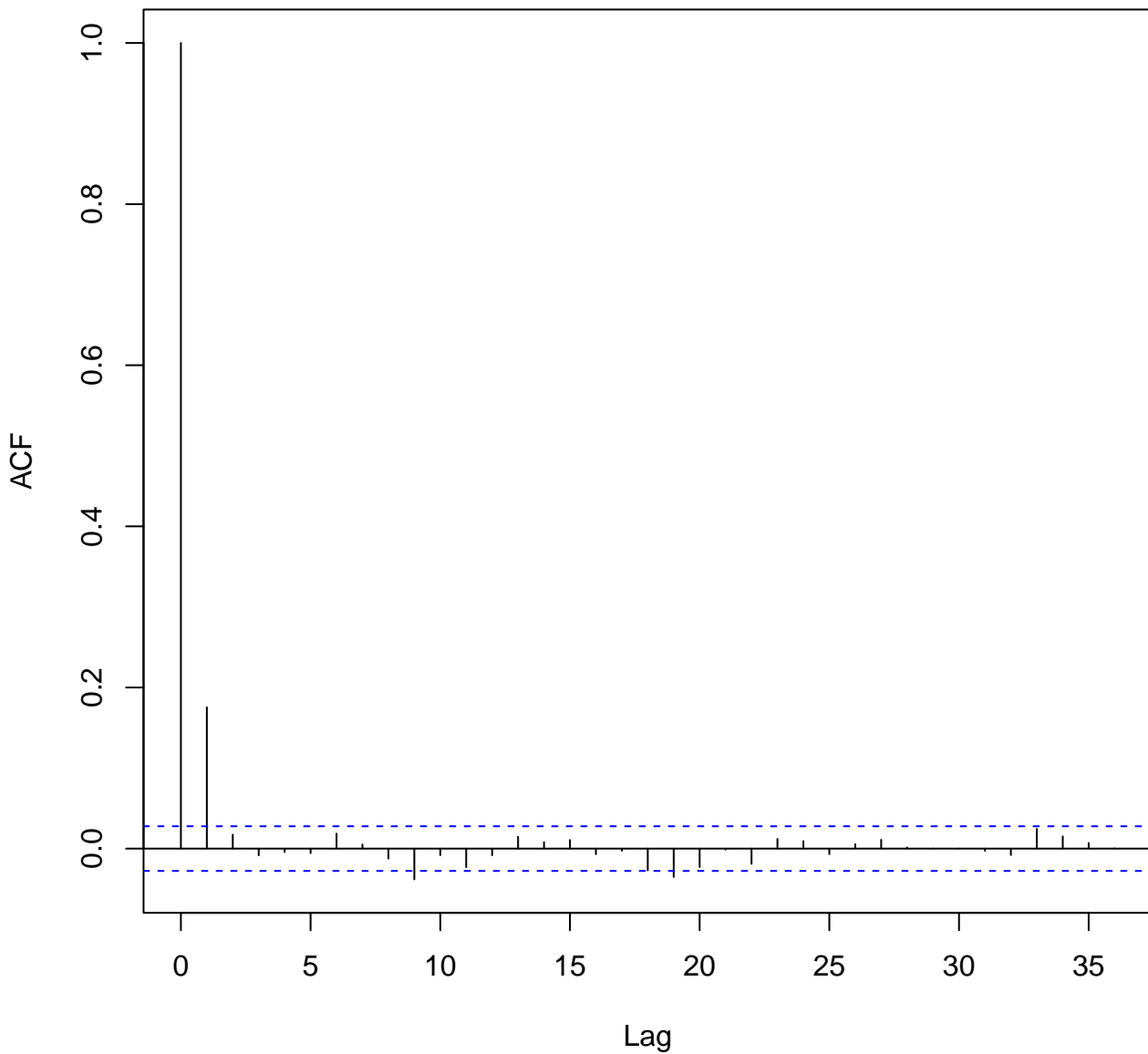
**X\_30 chain 5**



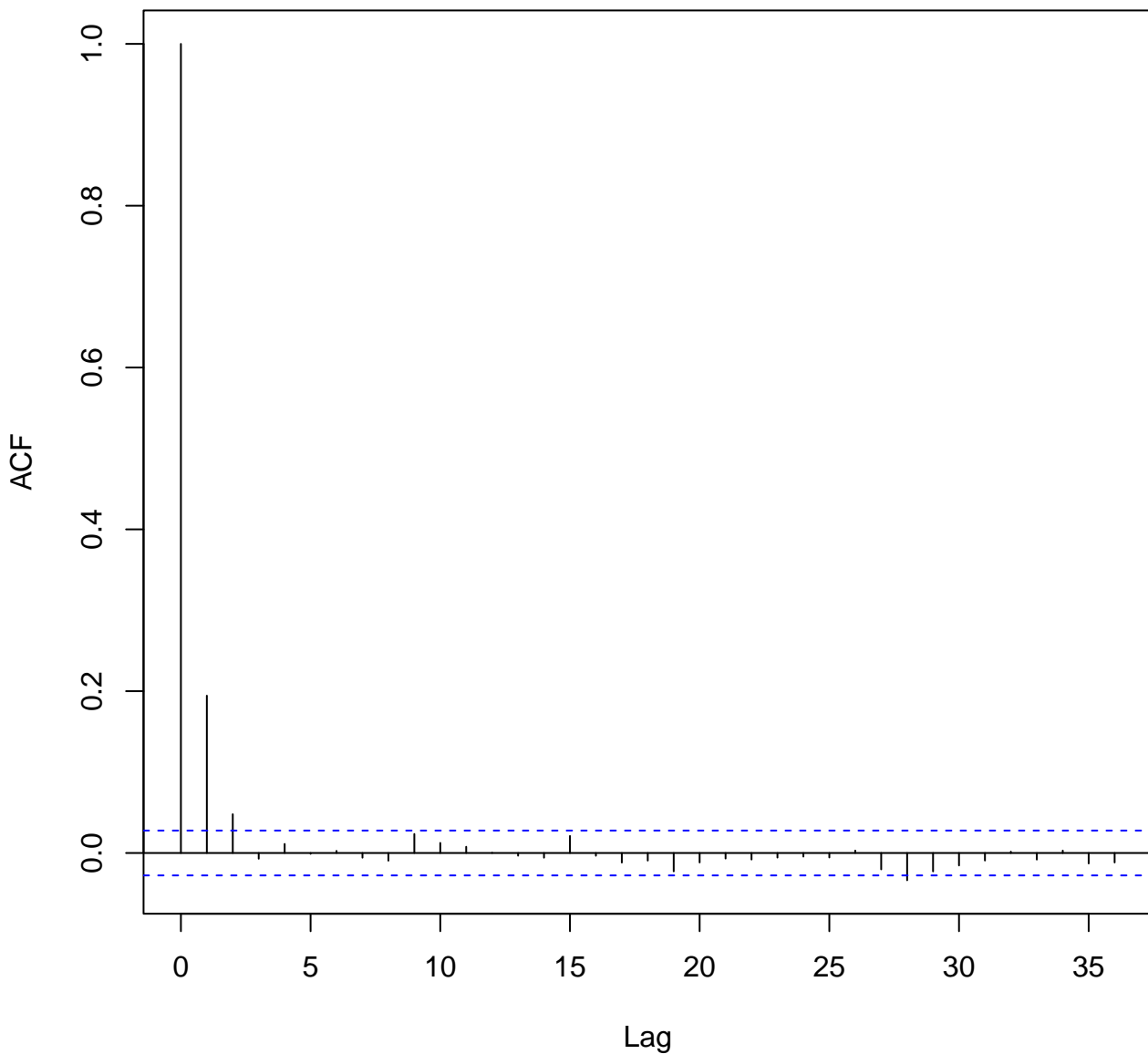
# X\_30 chain 6



# X\_31 chain 1

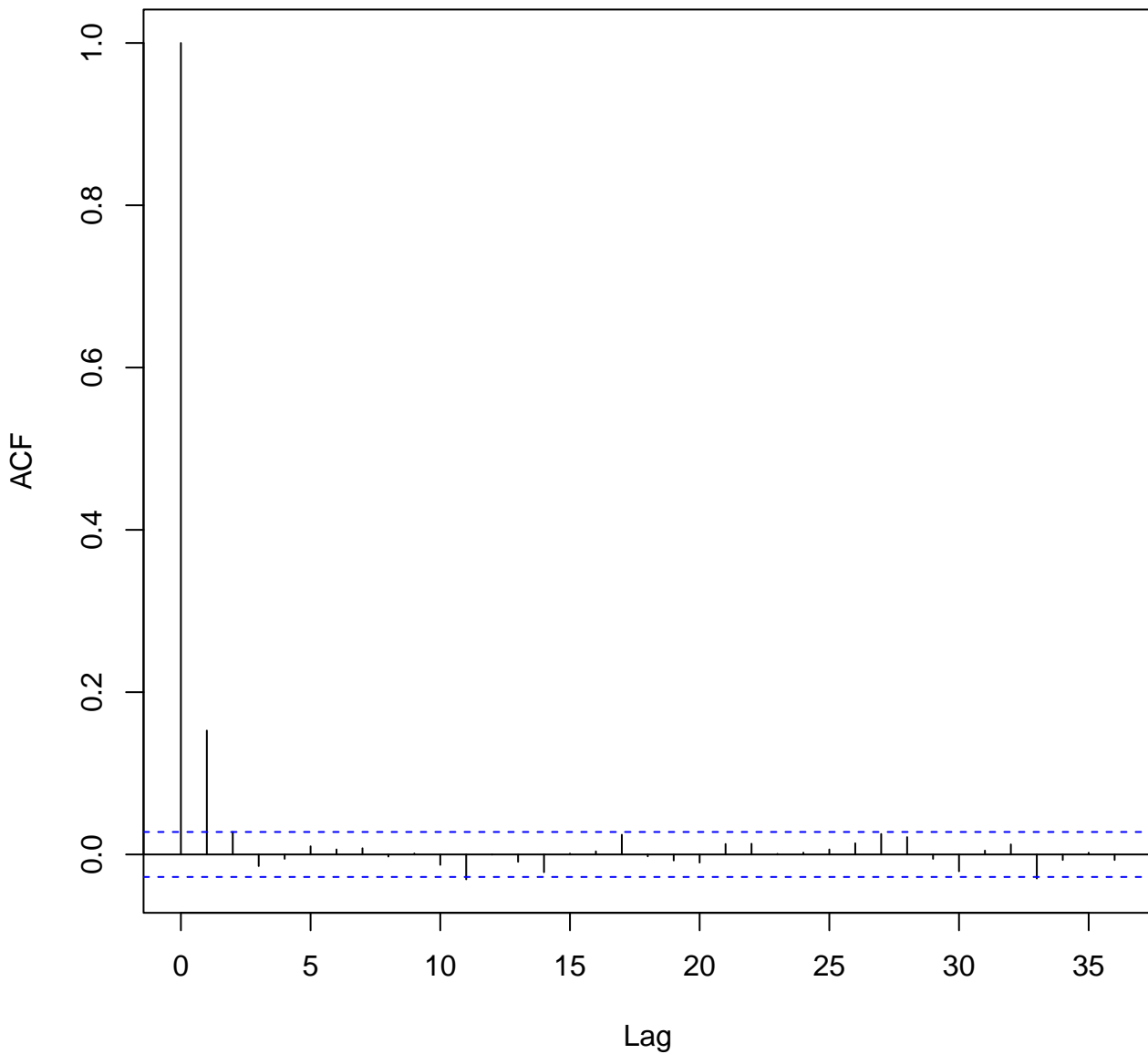


# X\_31 chain 2

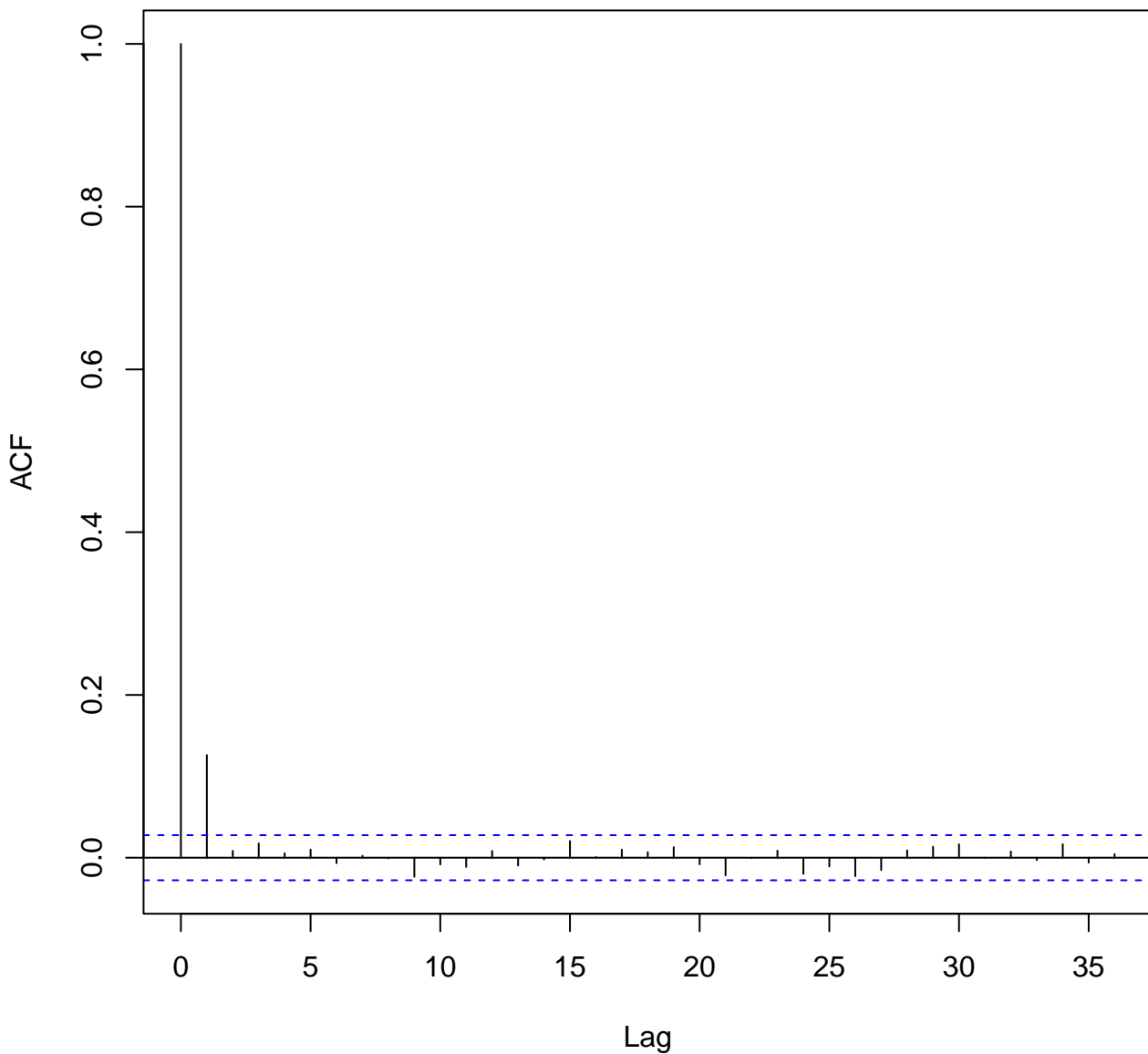




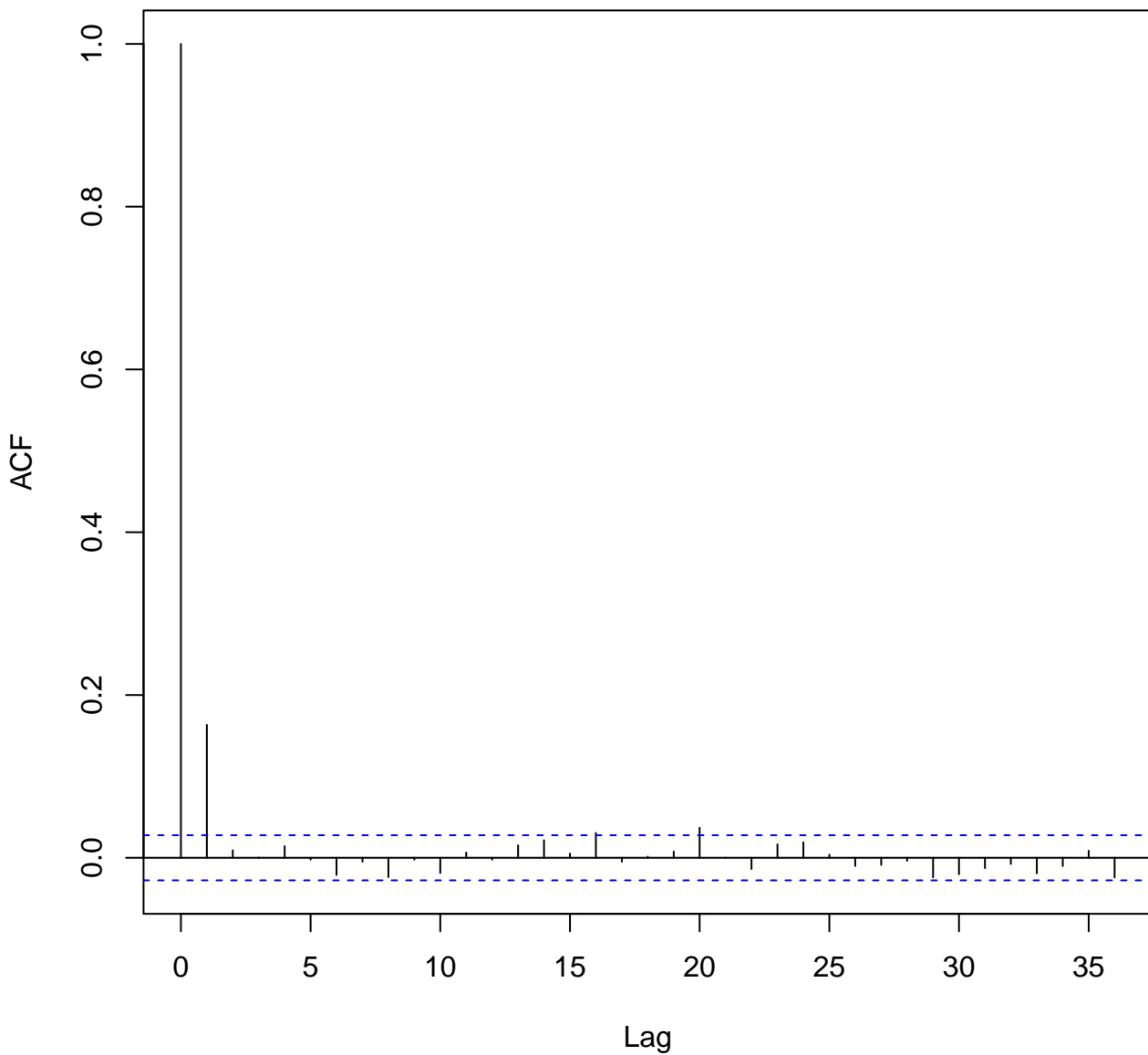
**X\_31 chain 3**



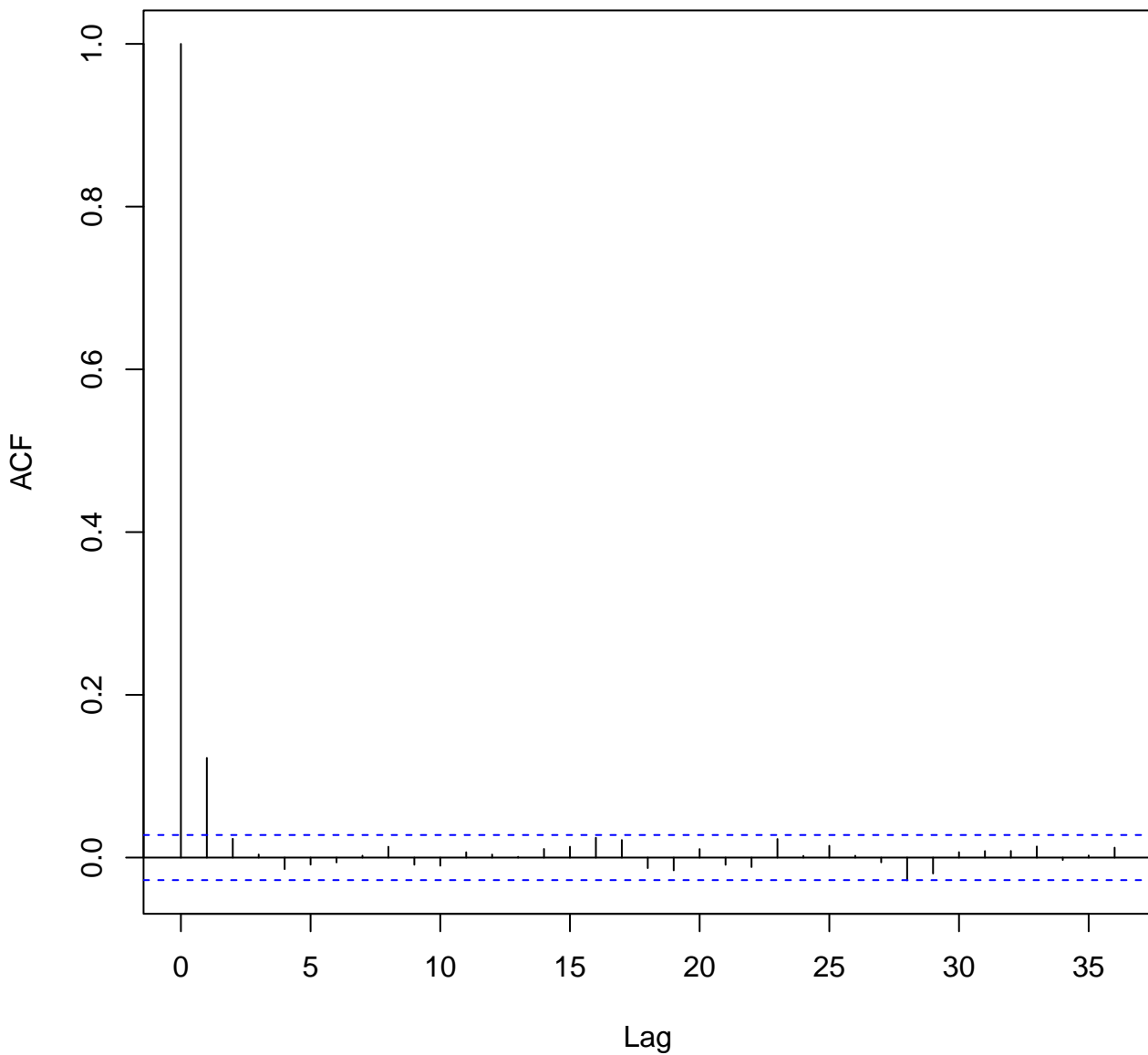
X\_31 chain 4



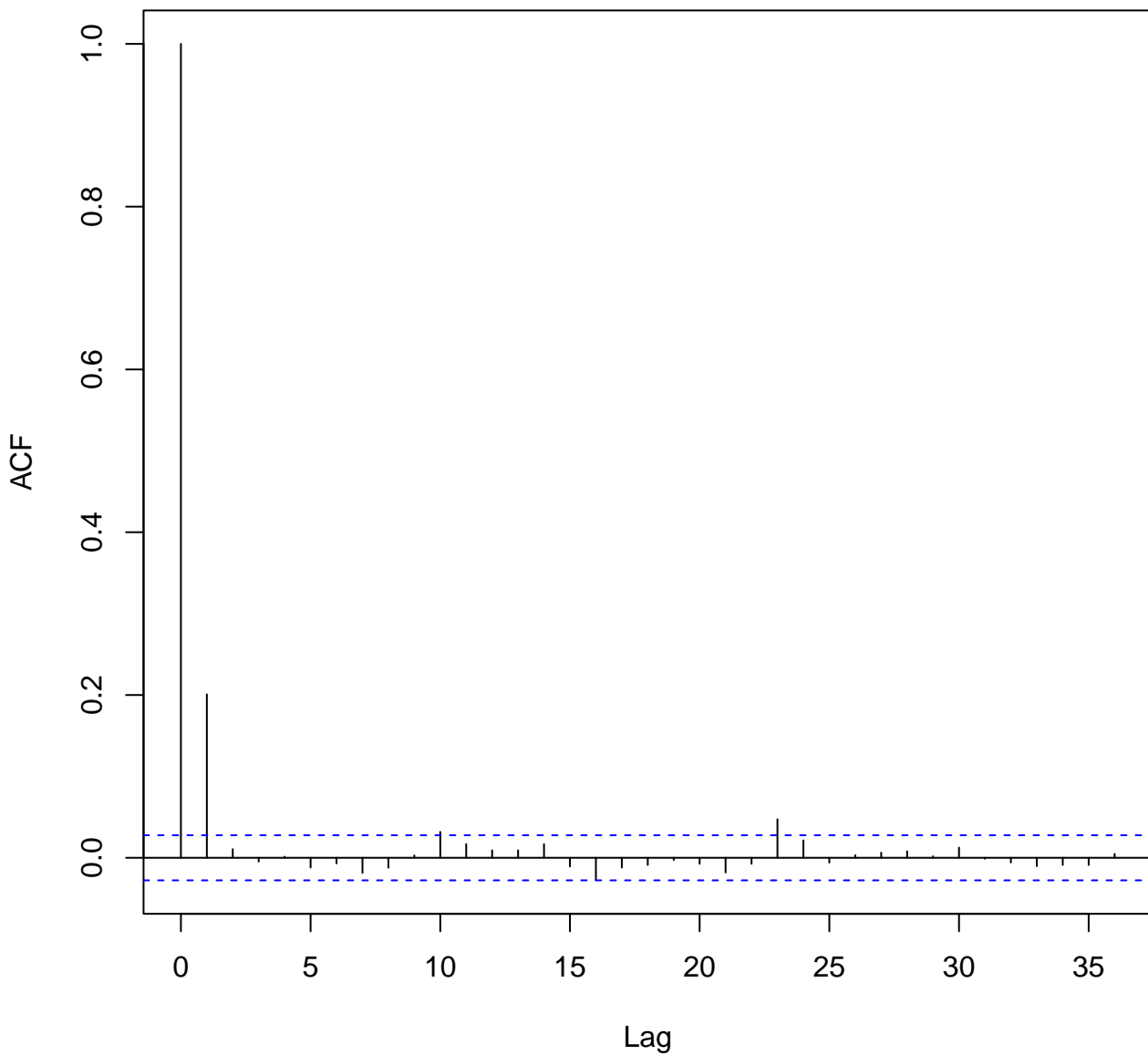
X\_31 chain 5



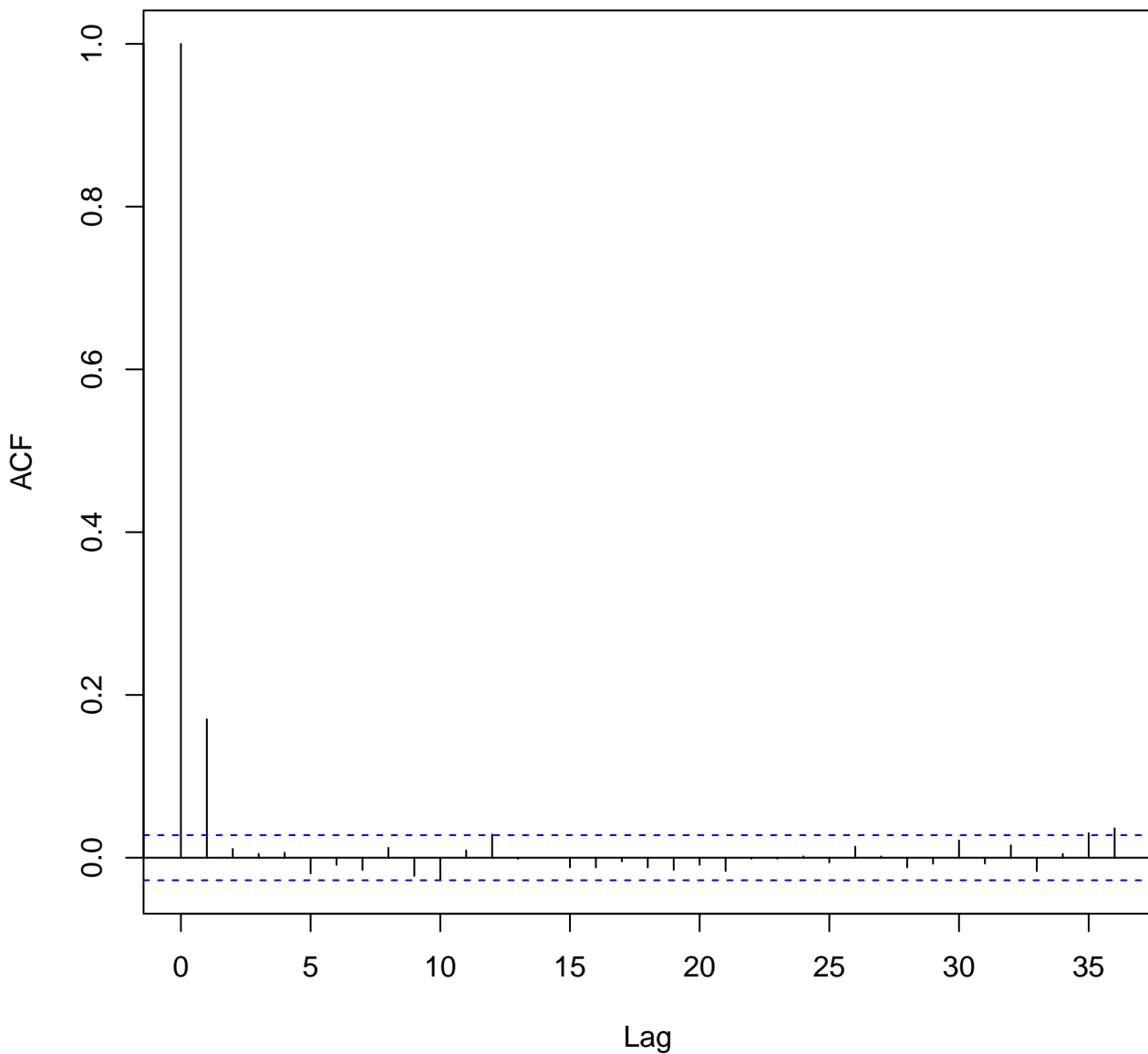
X\_31 chain 6



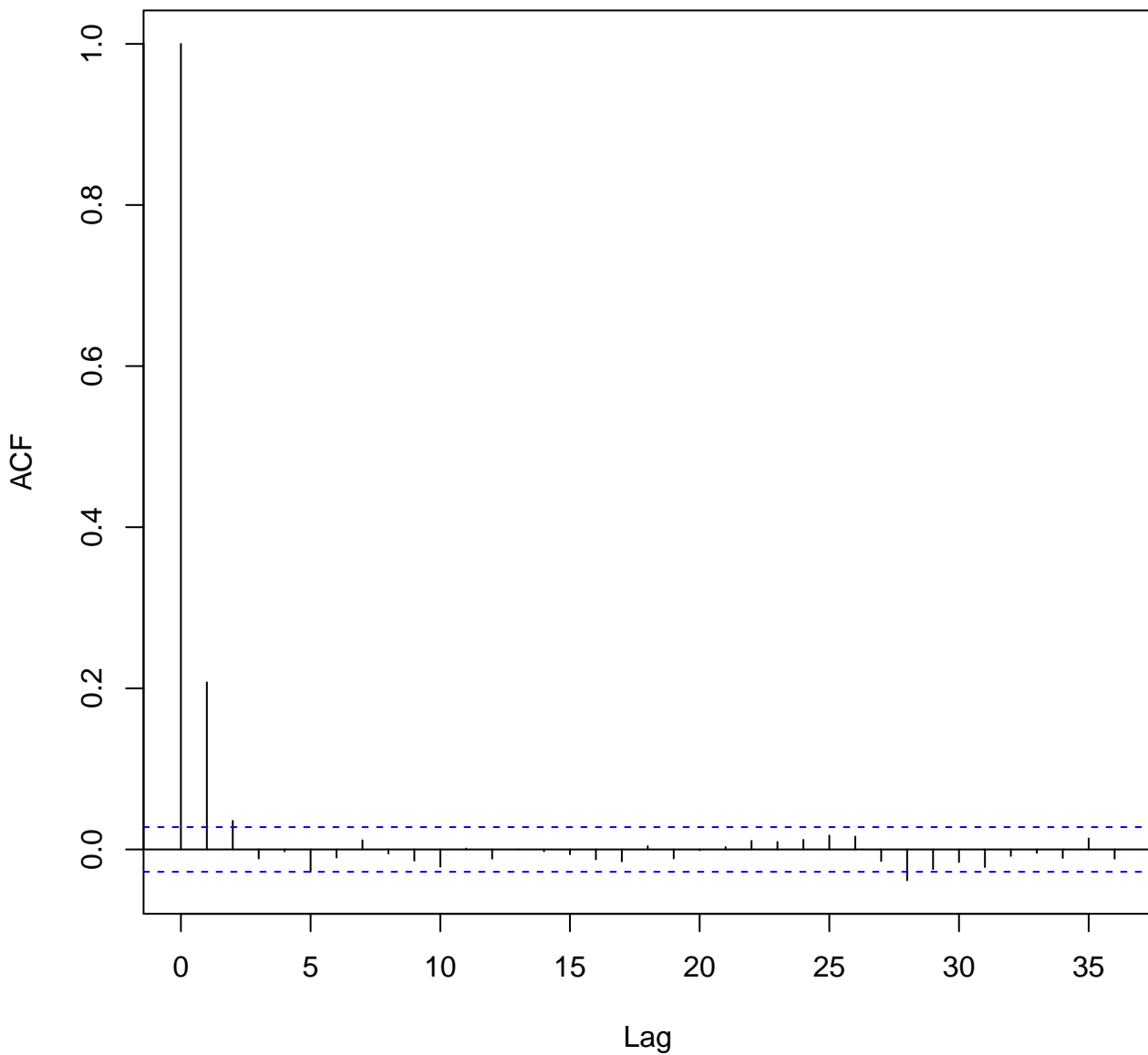
**X\_32 chain 1**



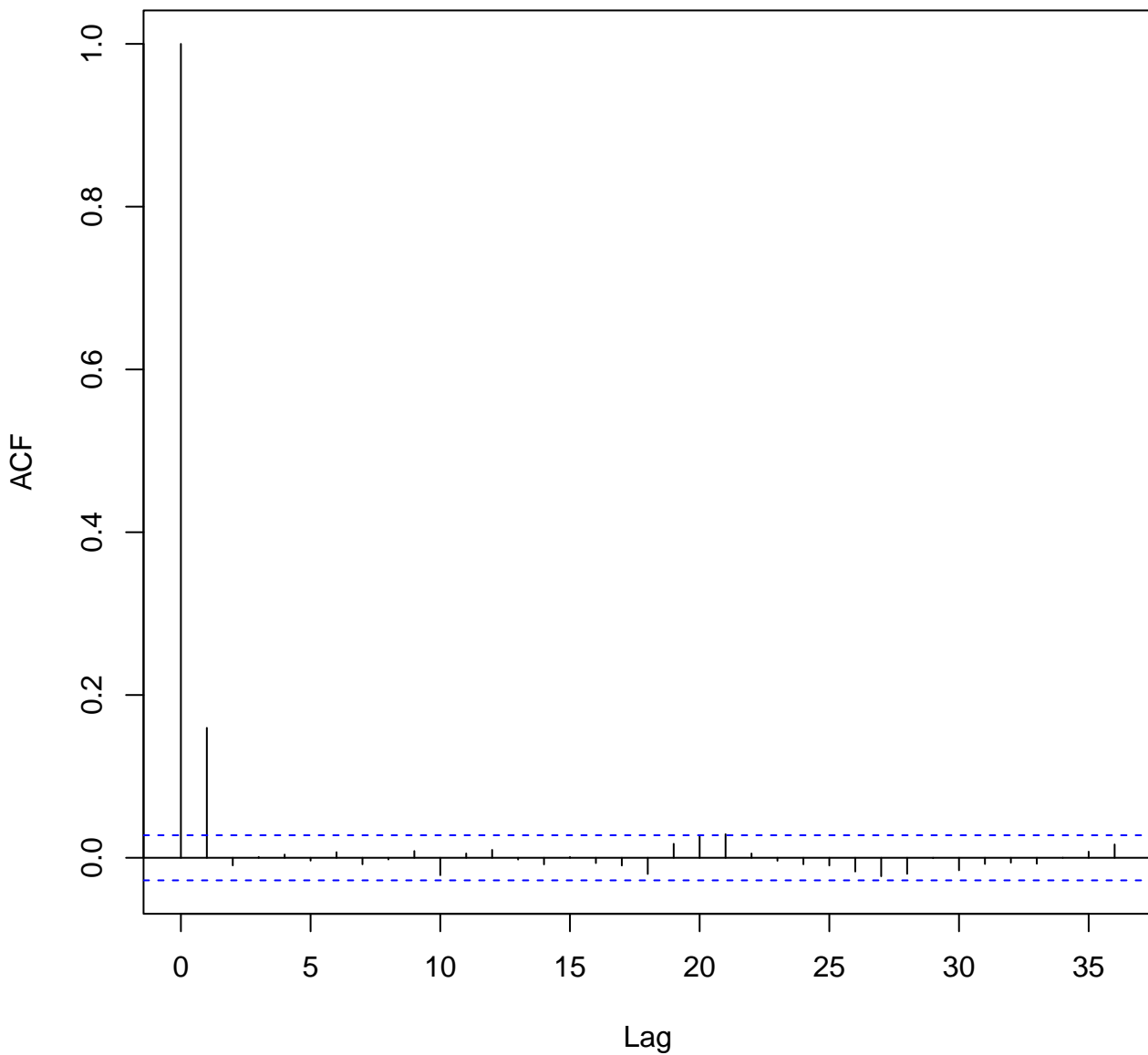
**X\_32 chain 2**



# X\_32 chain 3

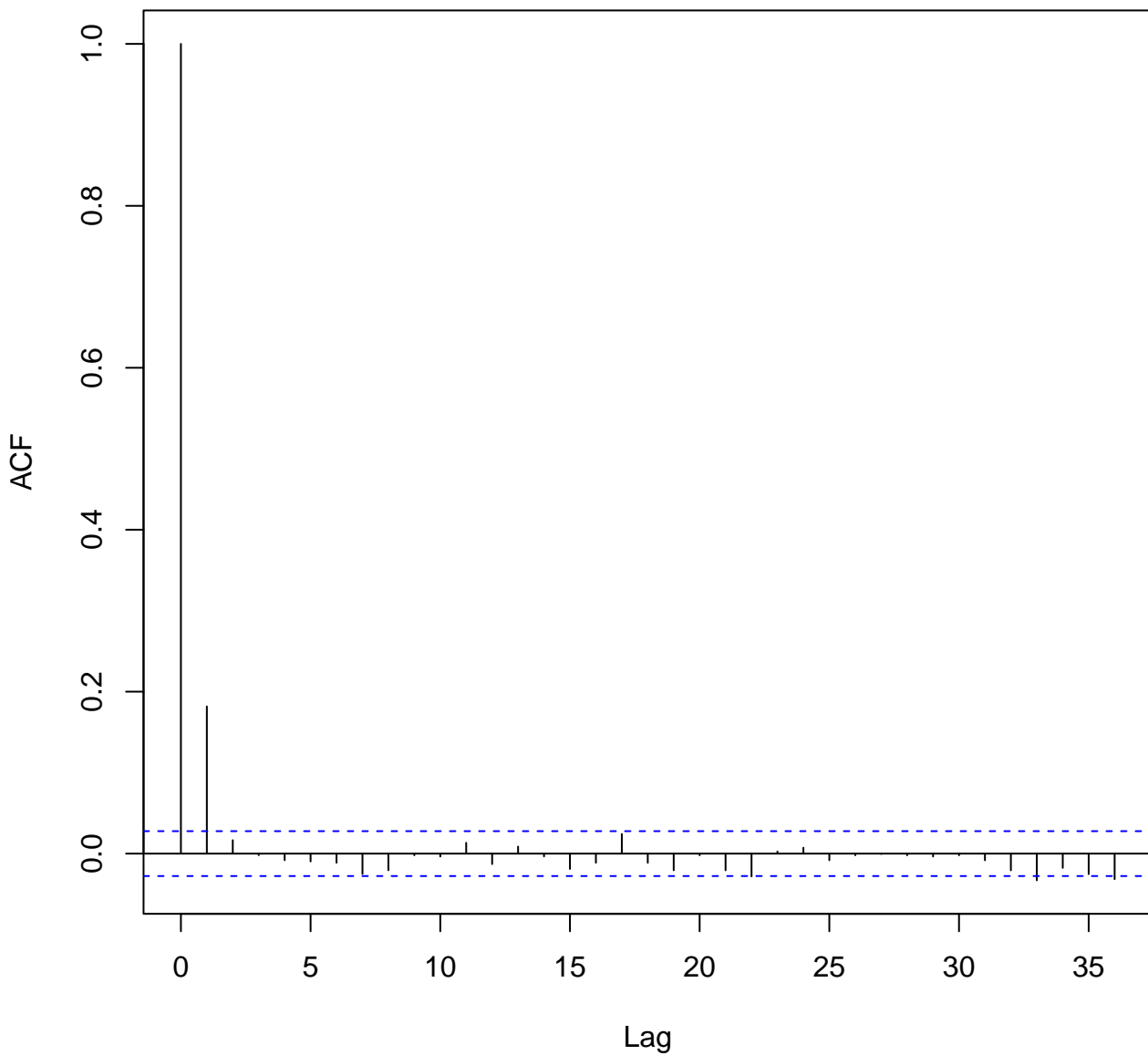


X\_32 chain 4

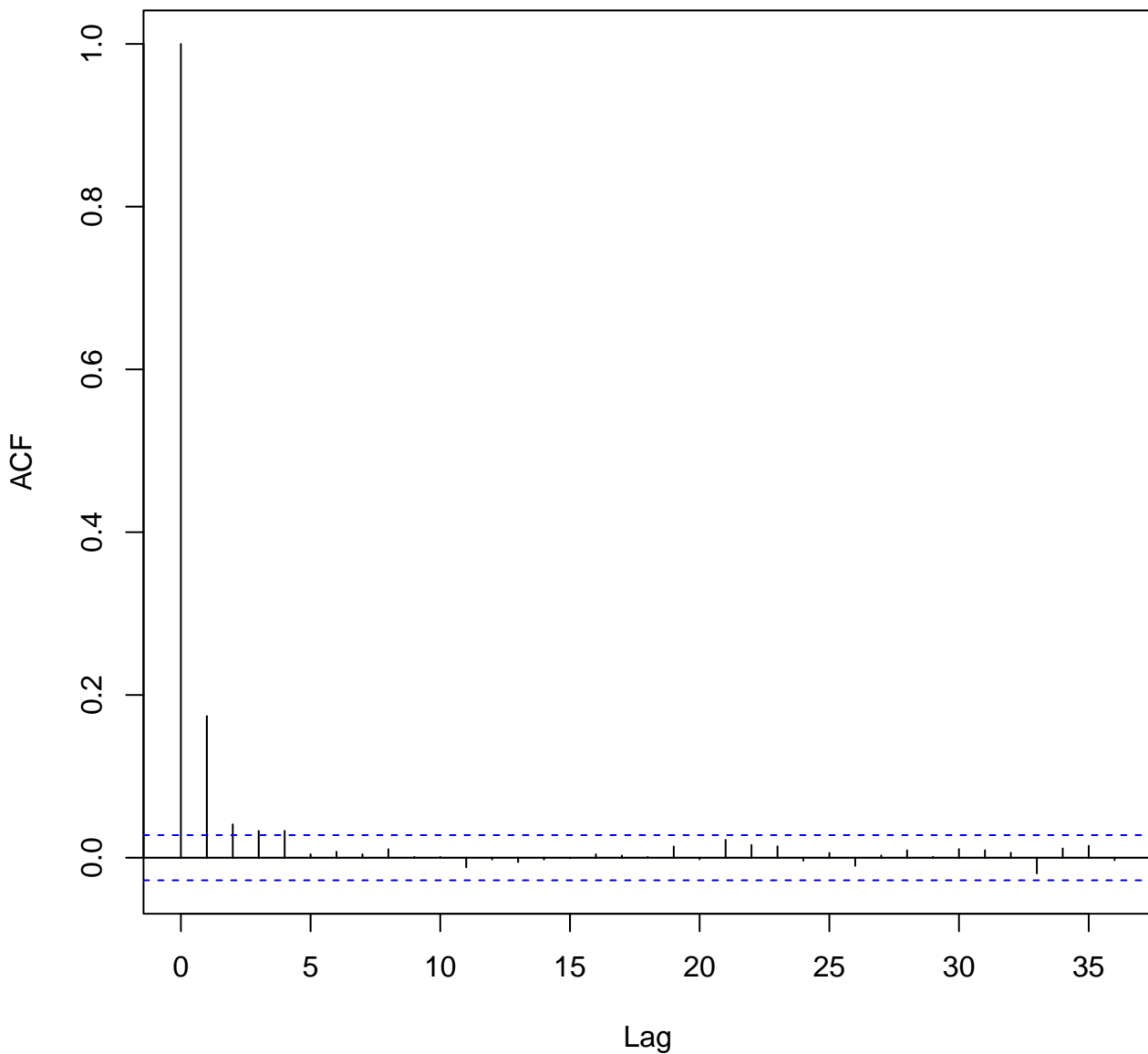




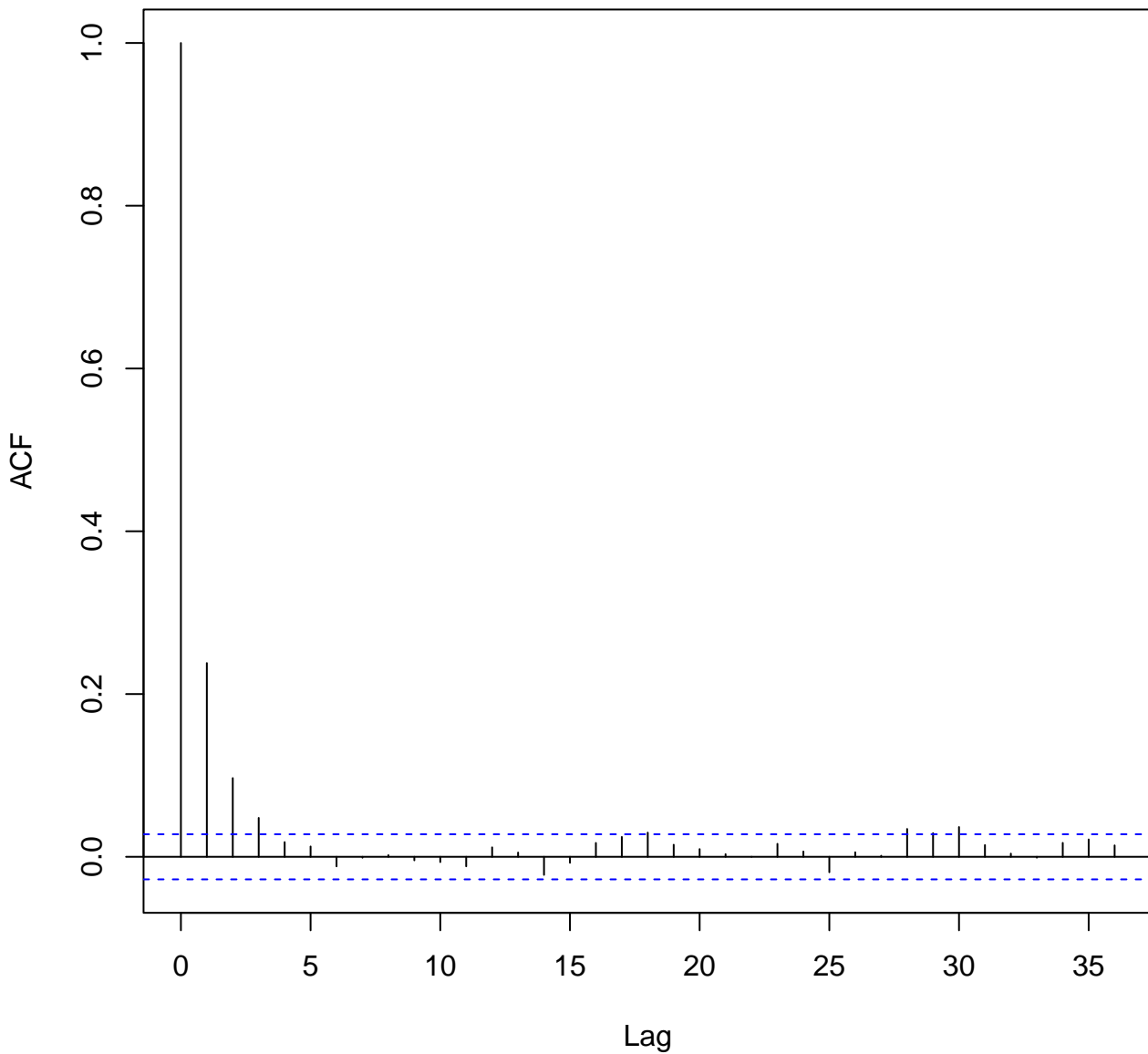
**X\_32 chain 5**



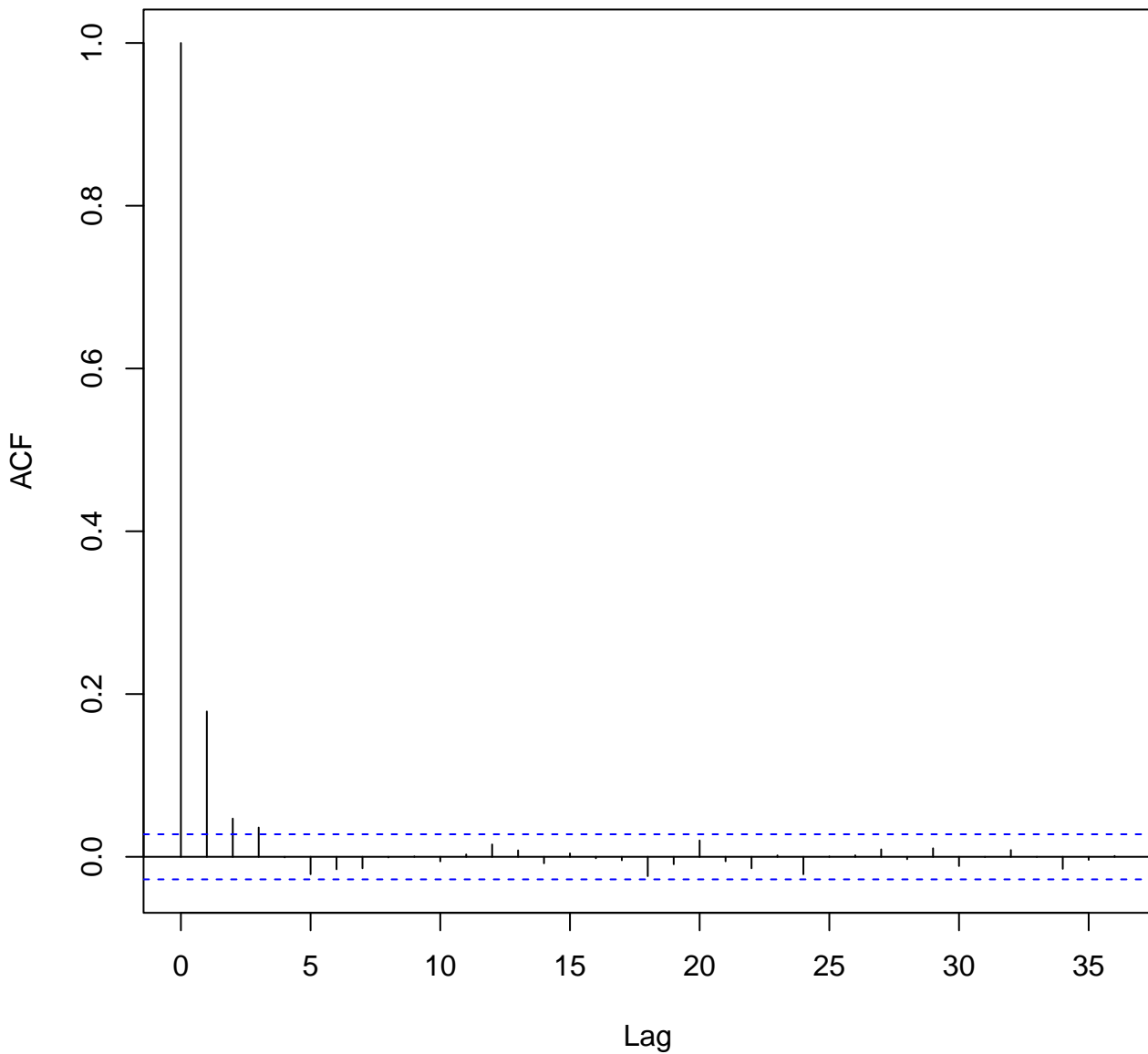
# X\_32 chain 6



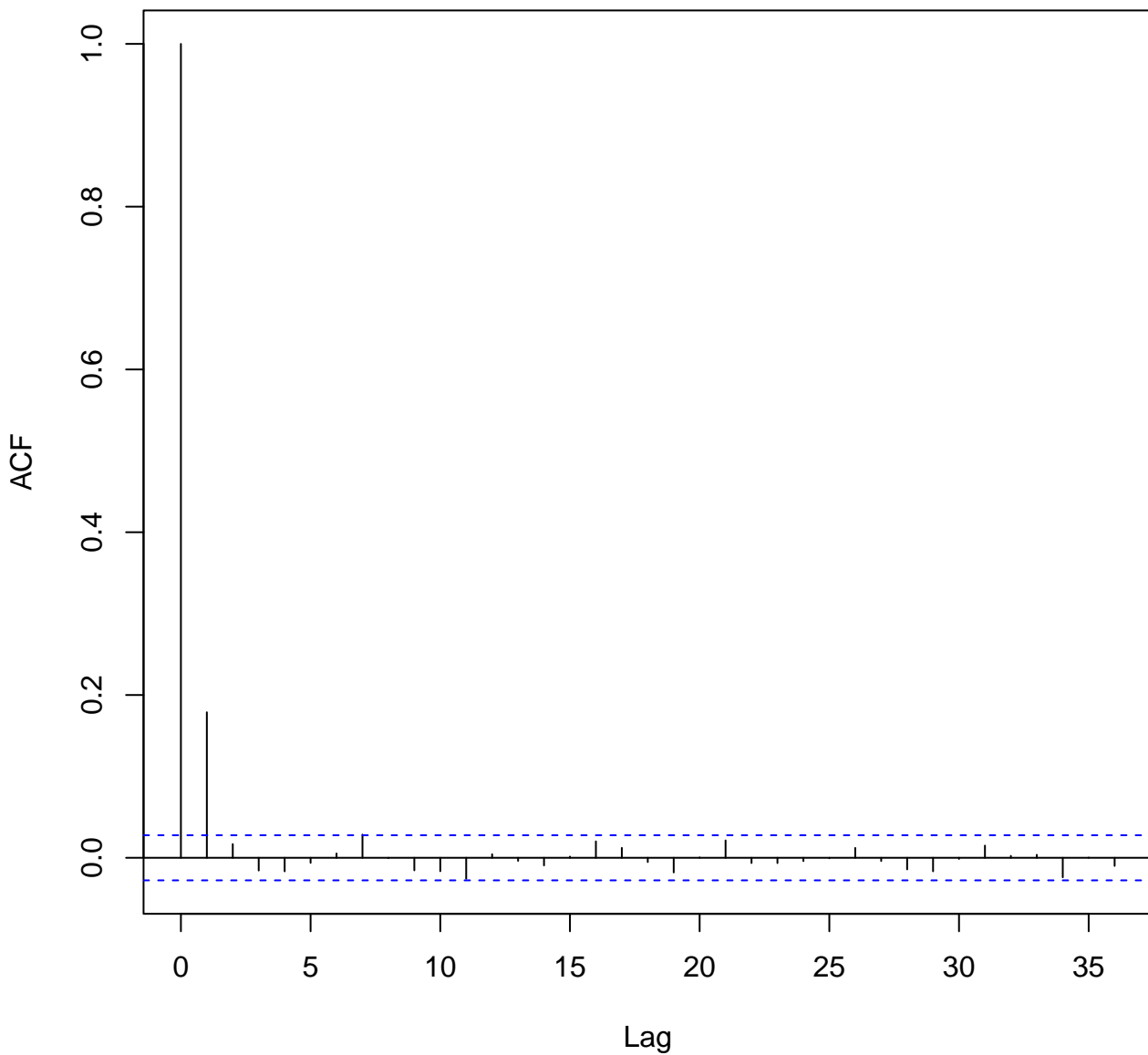
X\_33 chain 1



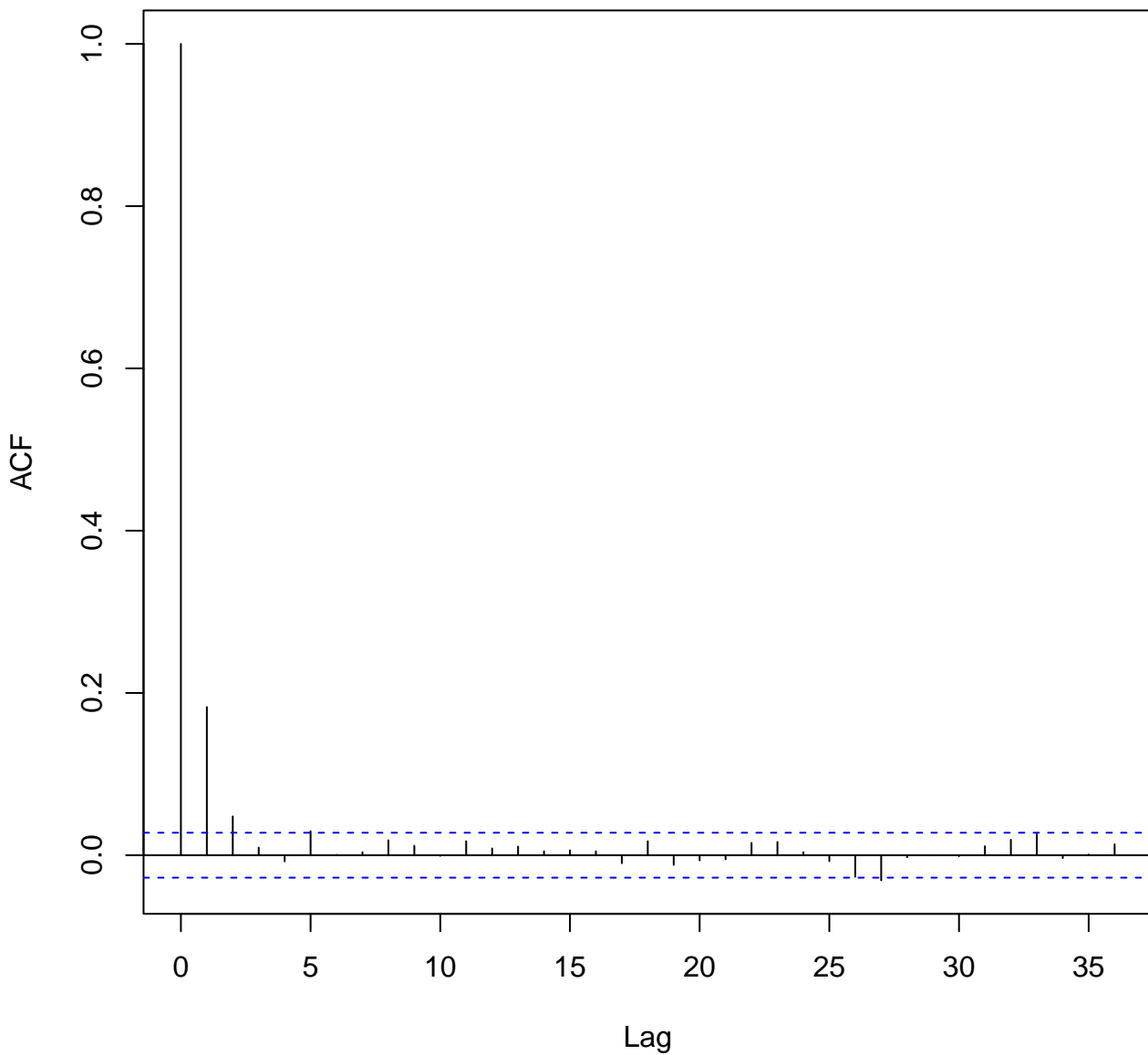
**X\_33 chain 2**



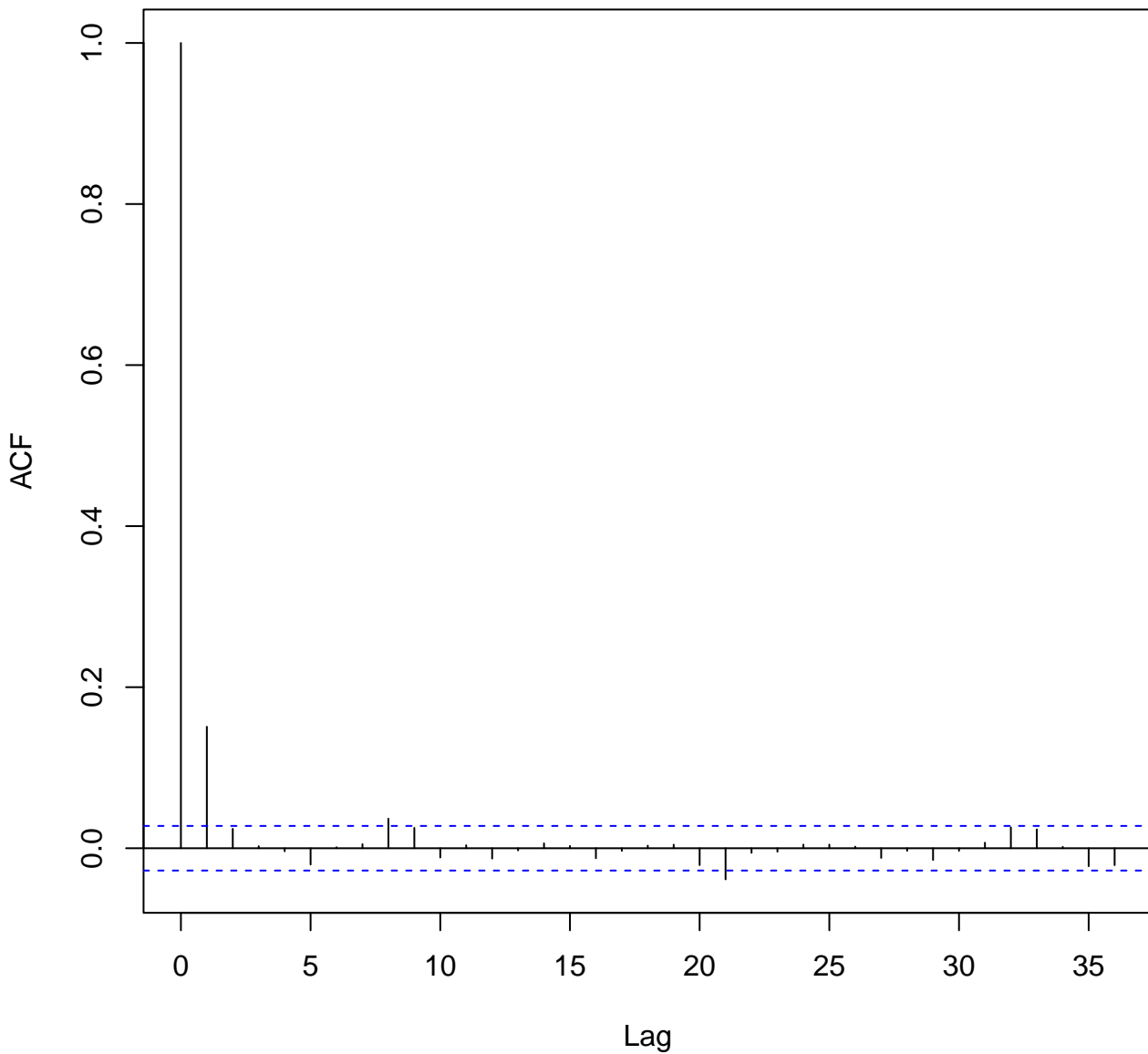
**X\_33 chain 3**



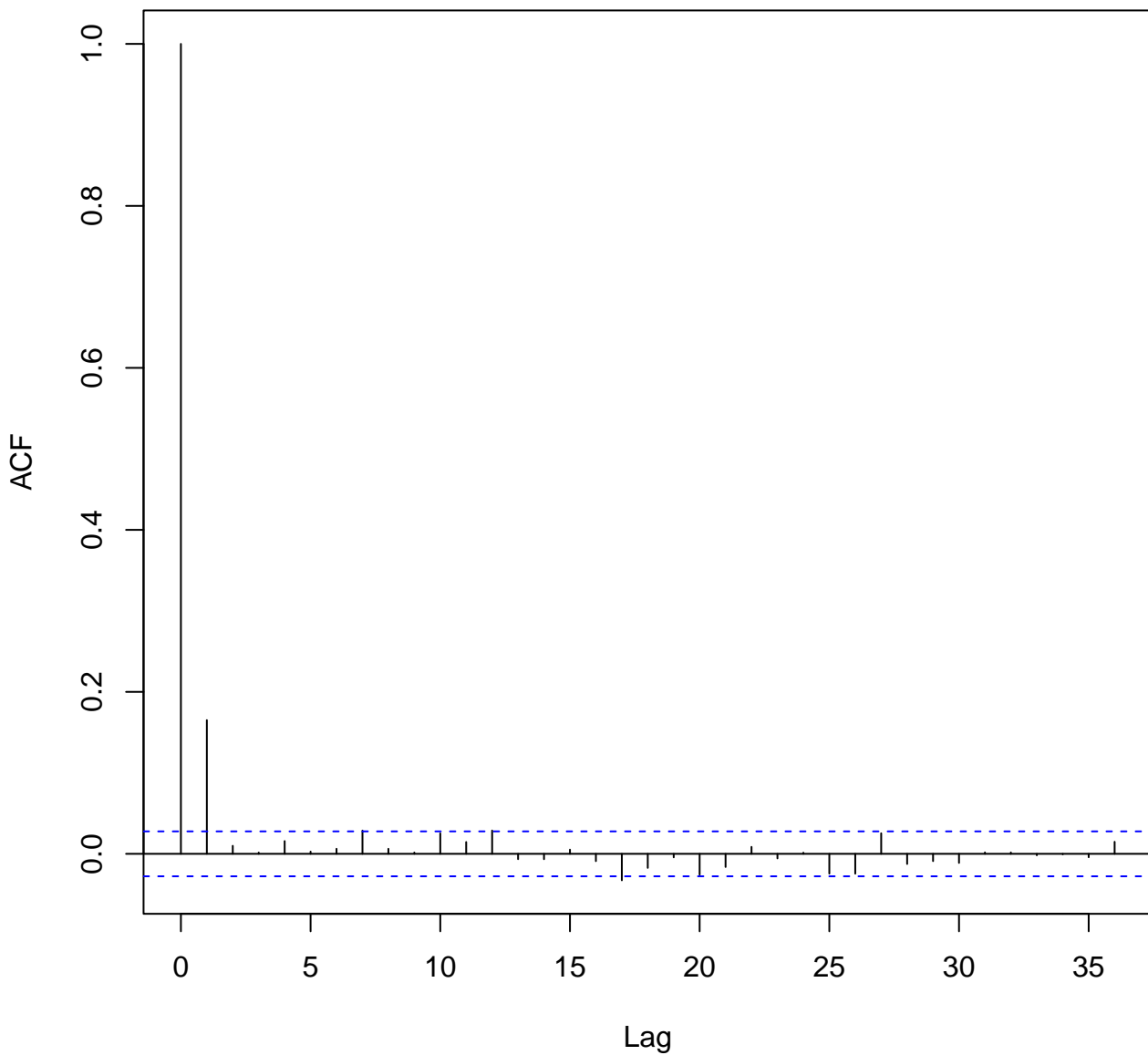
X\_33 chain 4



# X\_33 chain 5

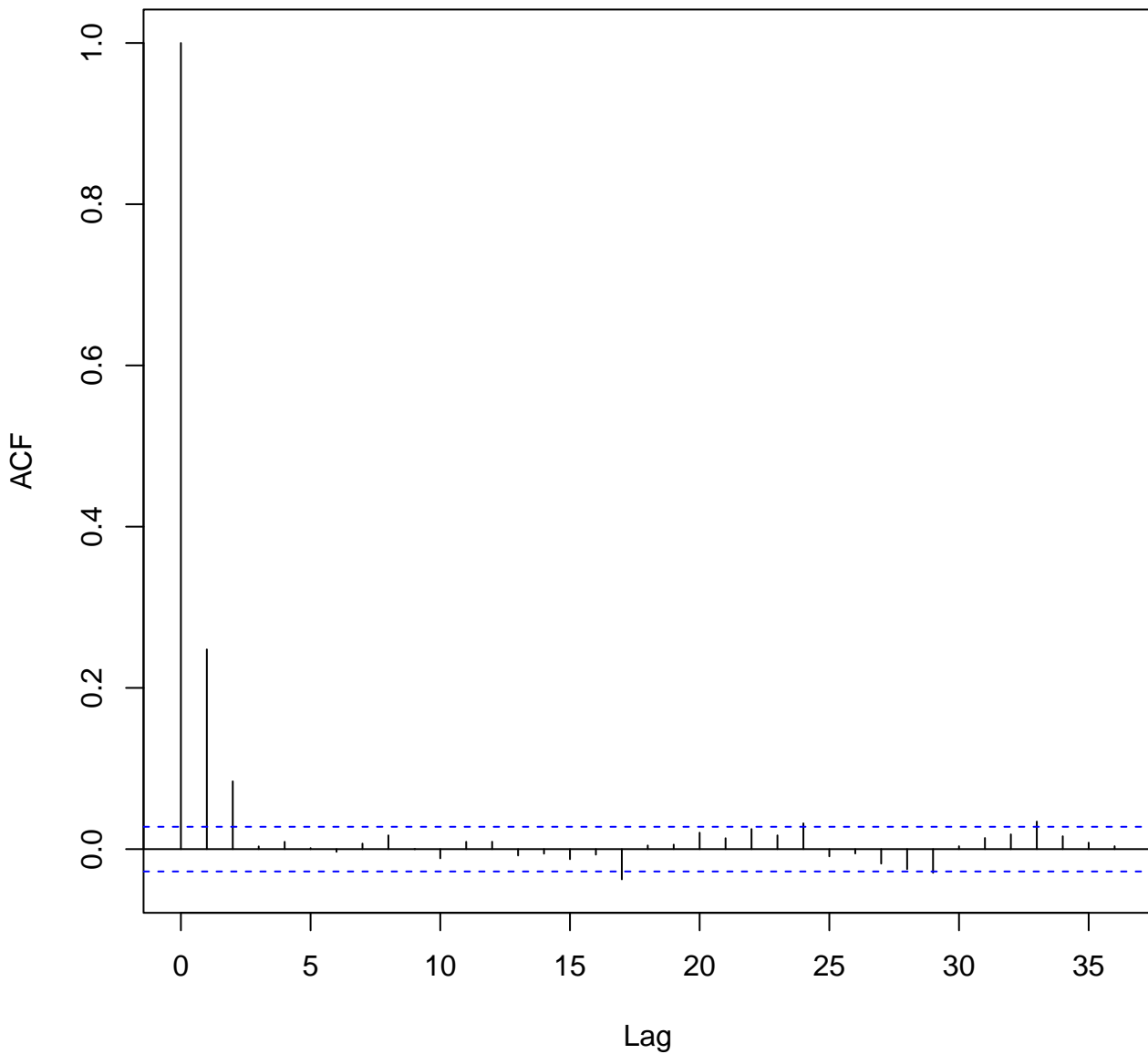


**X\_33 chain 6**

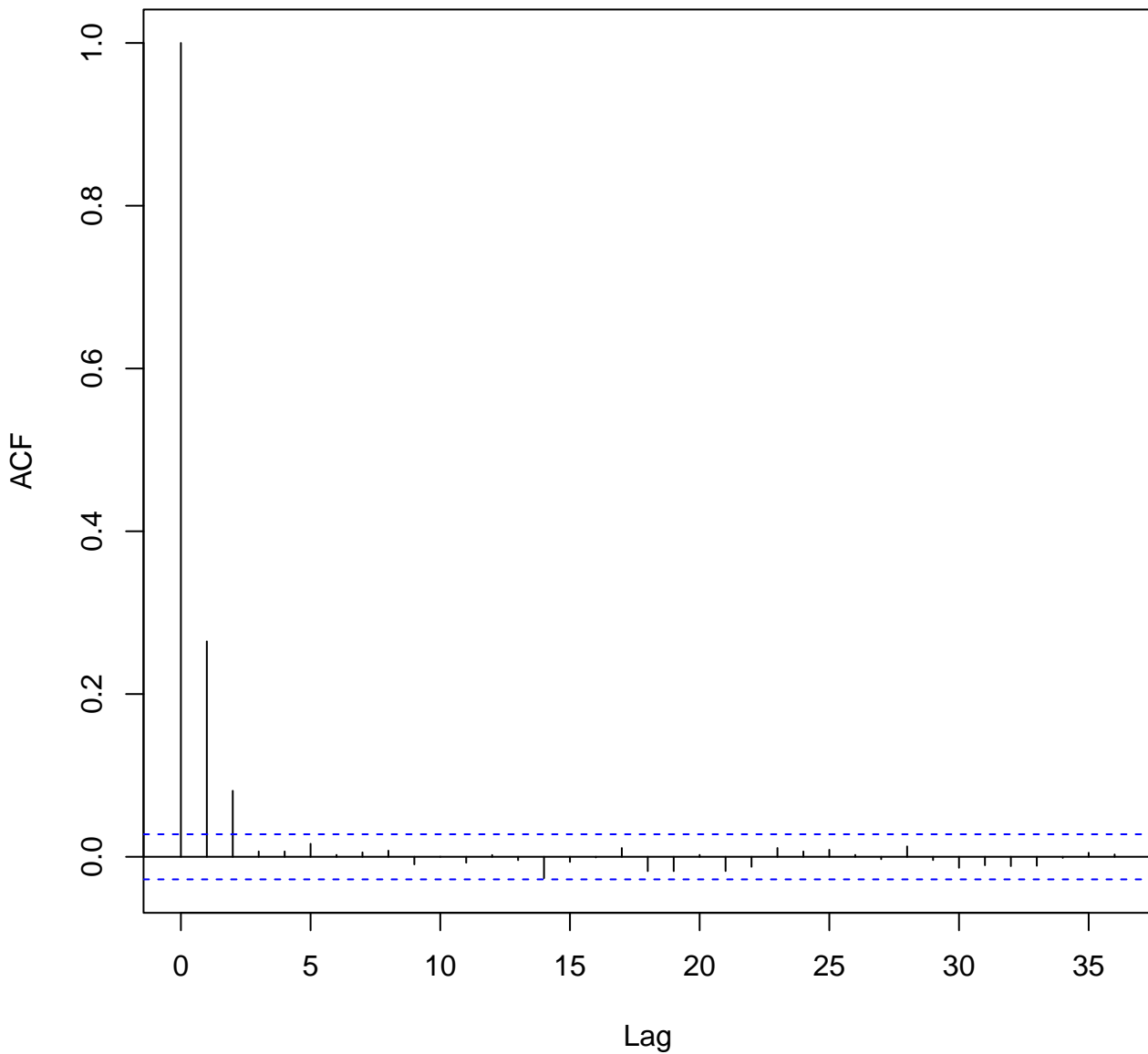




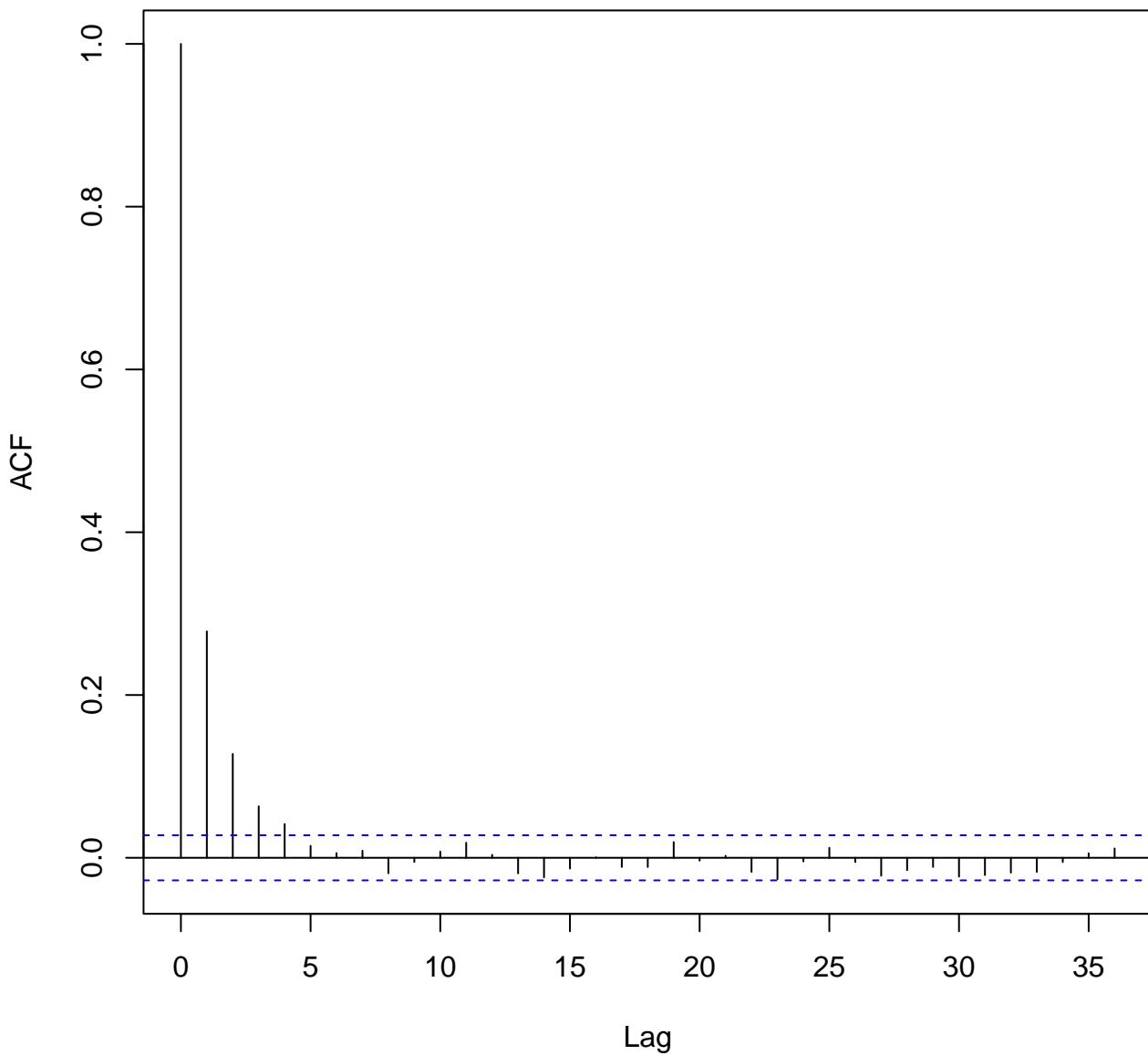
# X\_34 chain 1



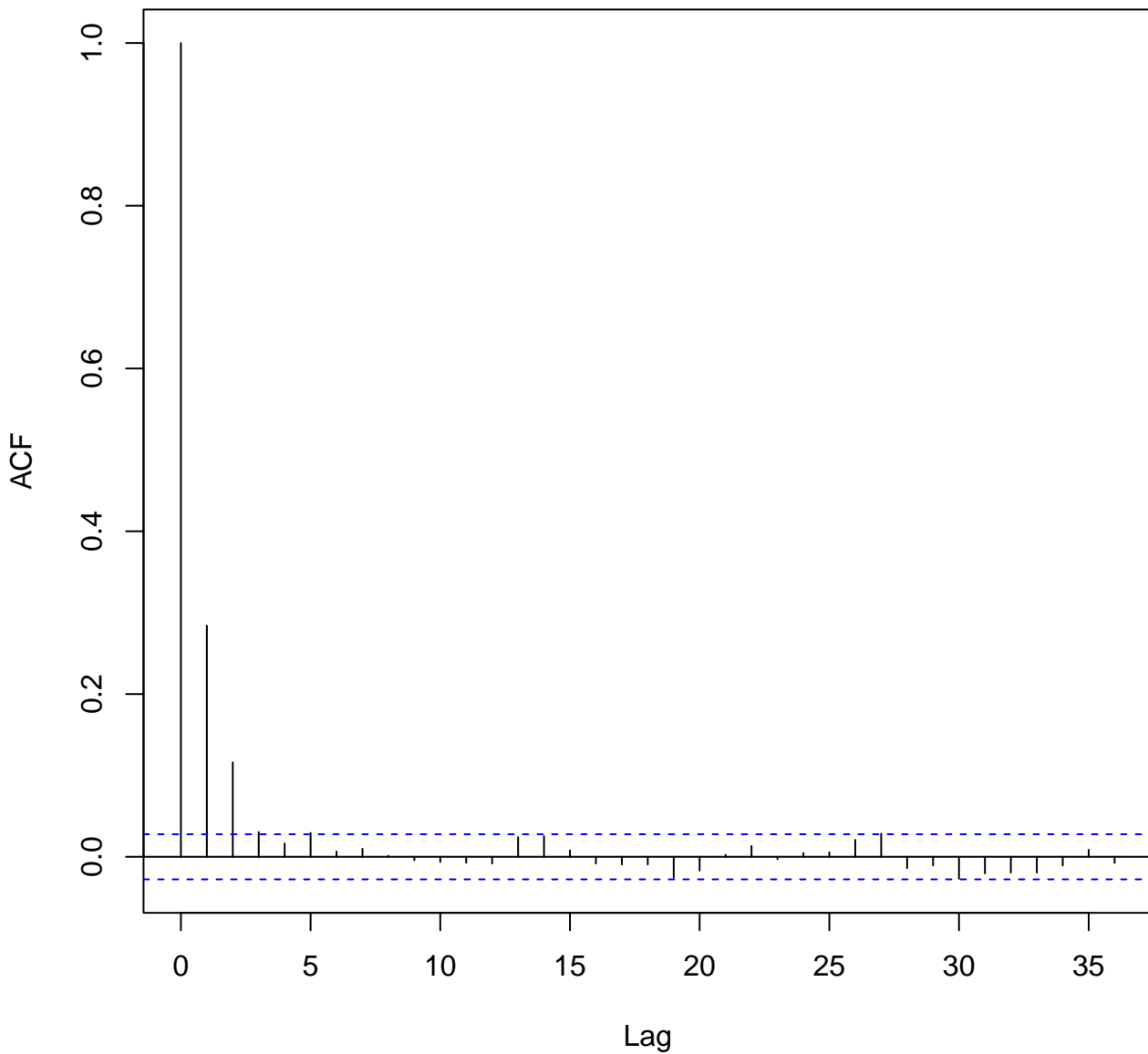
**X\_34 chain 2**



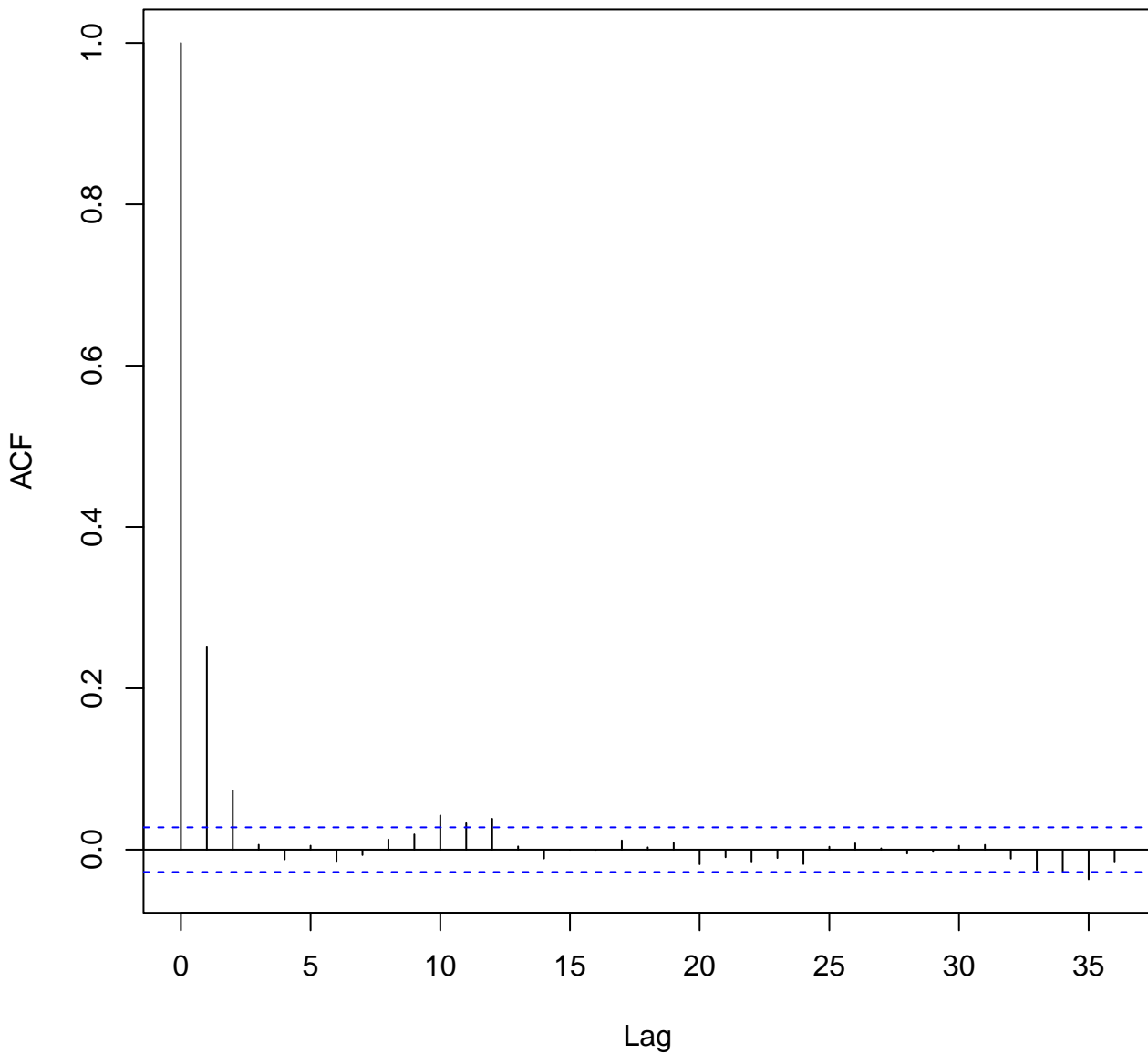
**X\_34 chain 3**



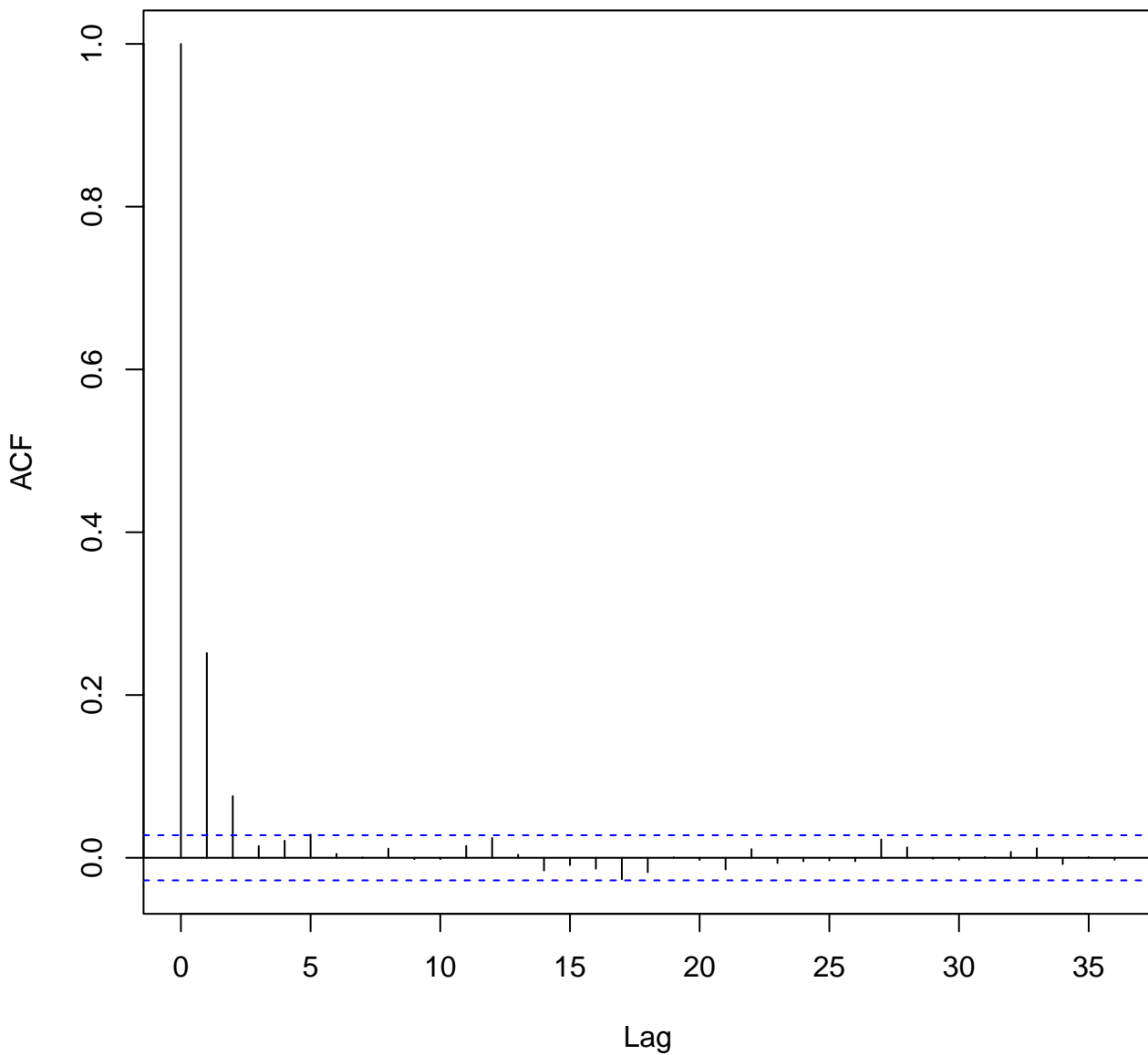
**X\_34 chain 4**



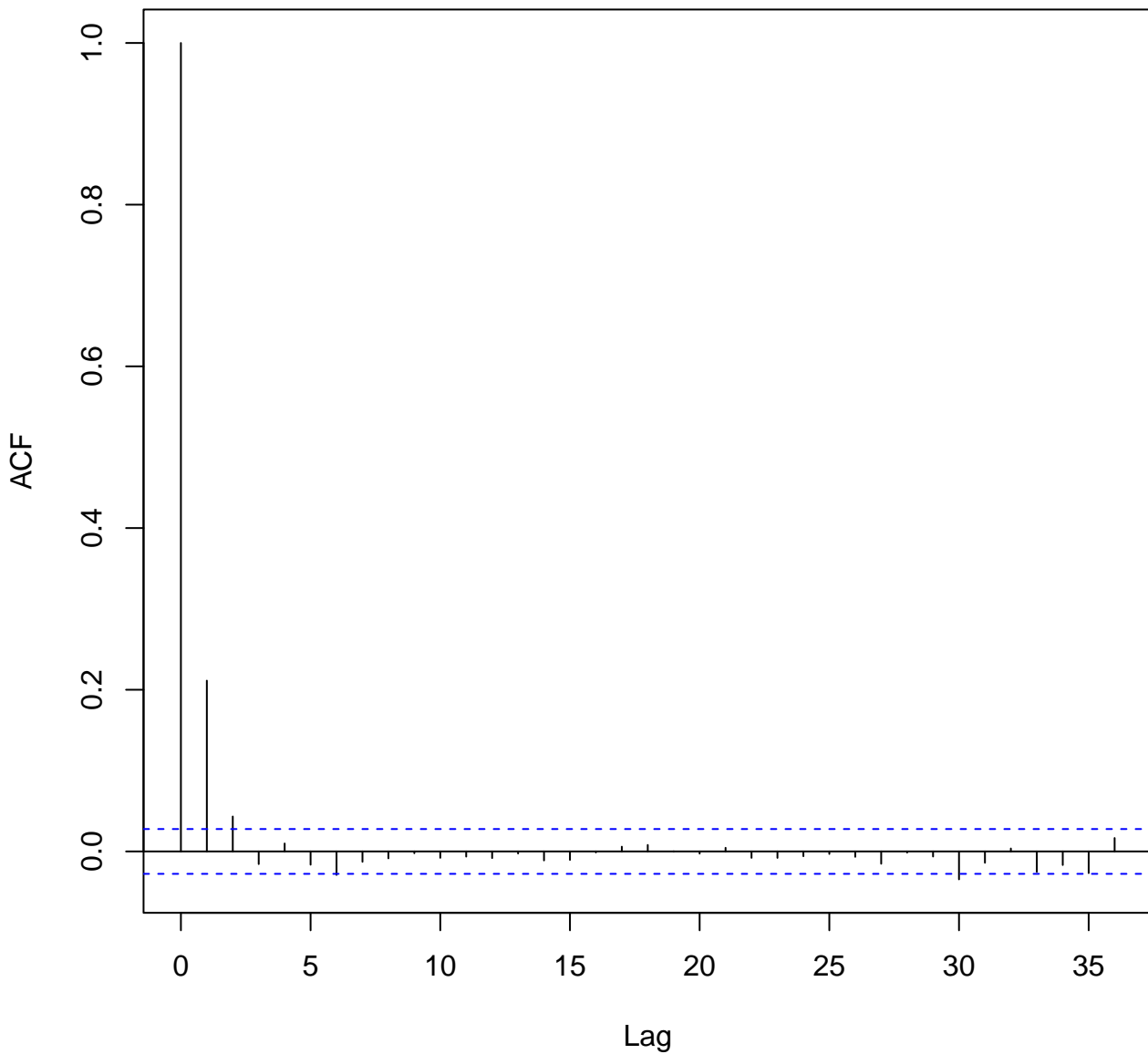
# X\_34 chain 5



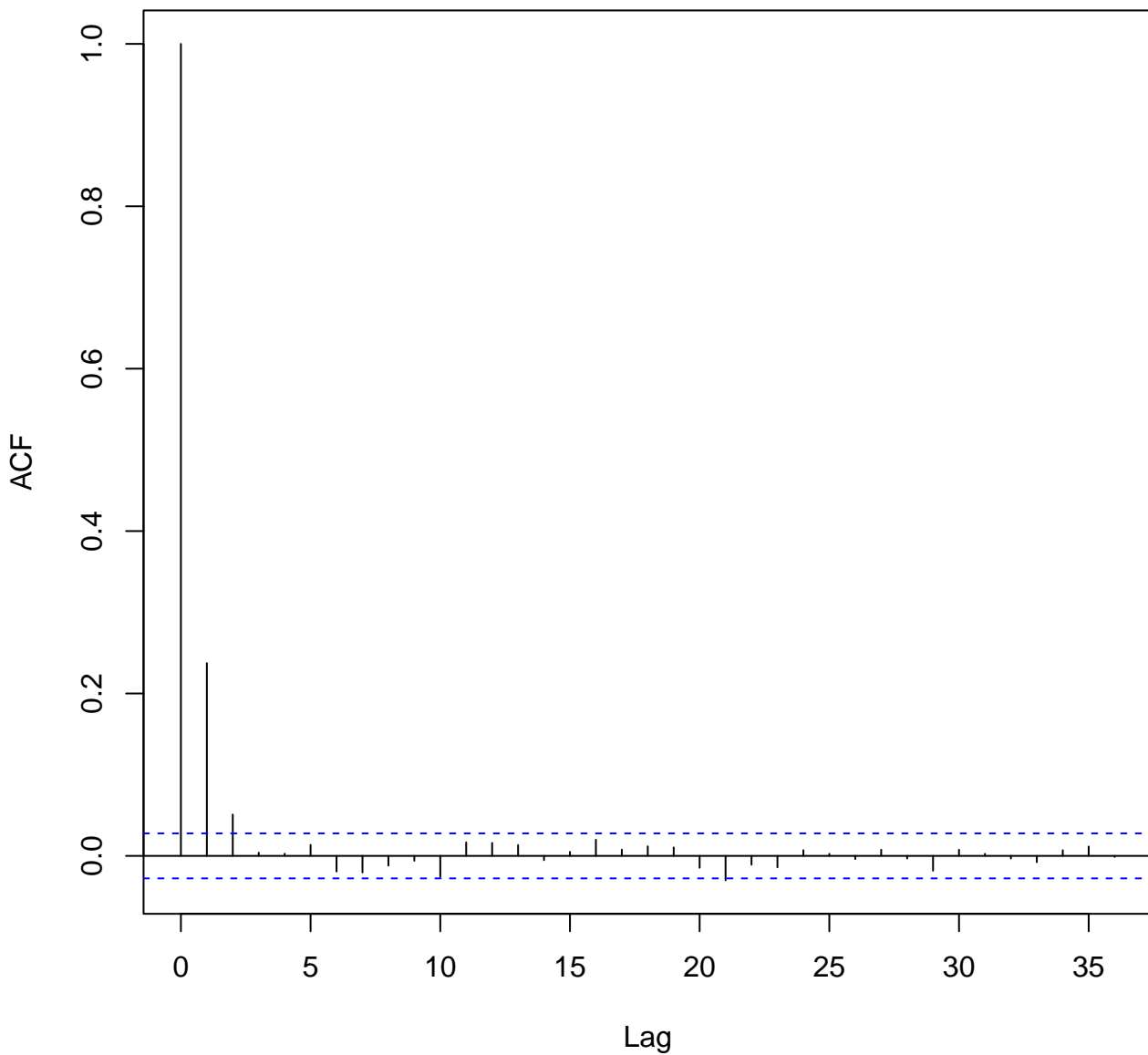
X\_34 chain 6



X\_35 chain 1

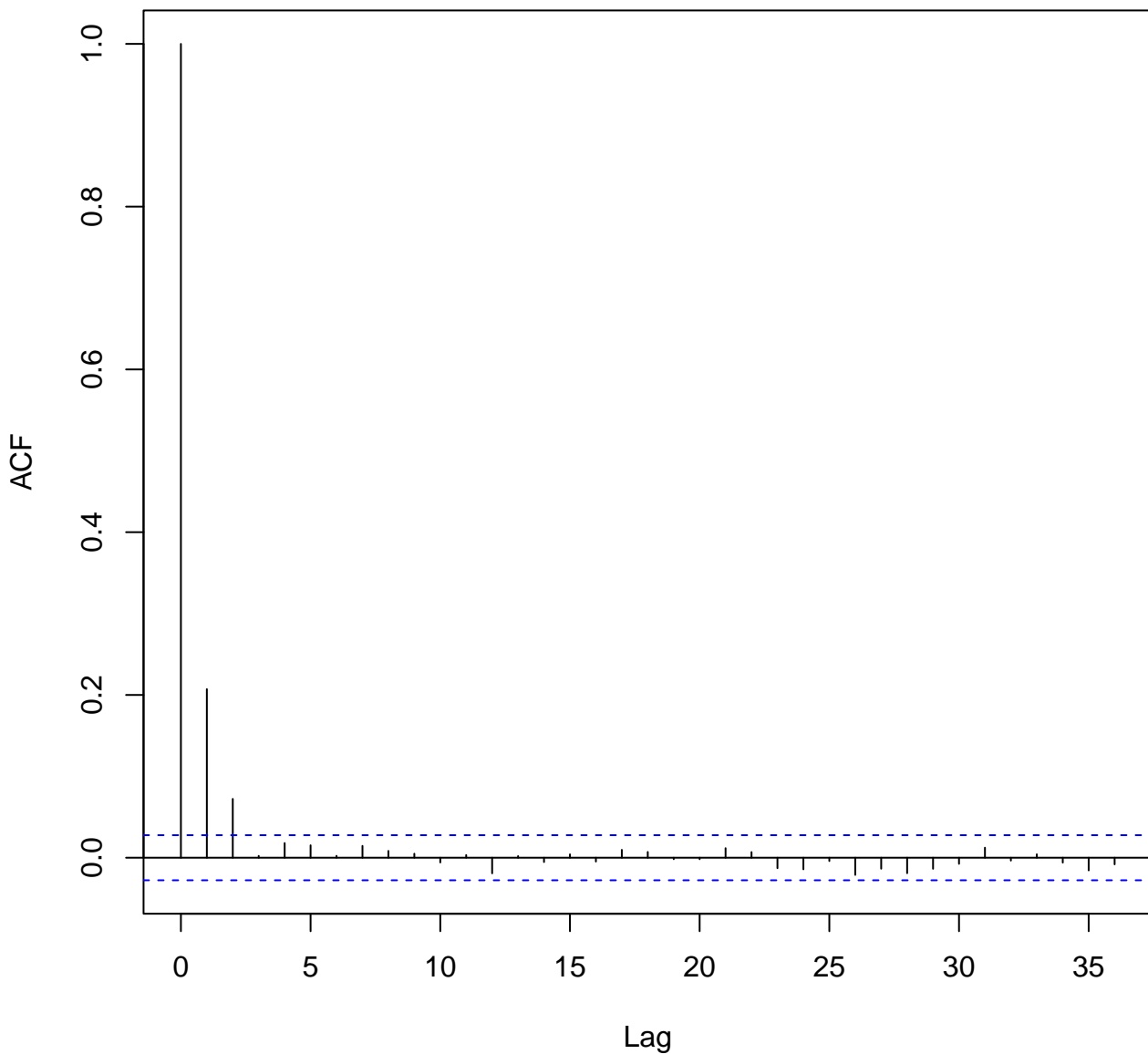


**X\_35 chain 2**

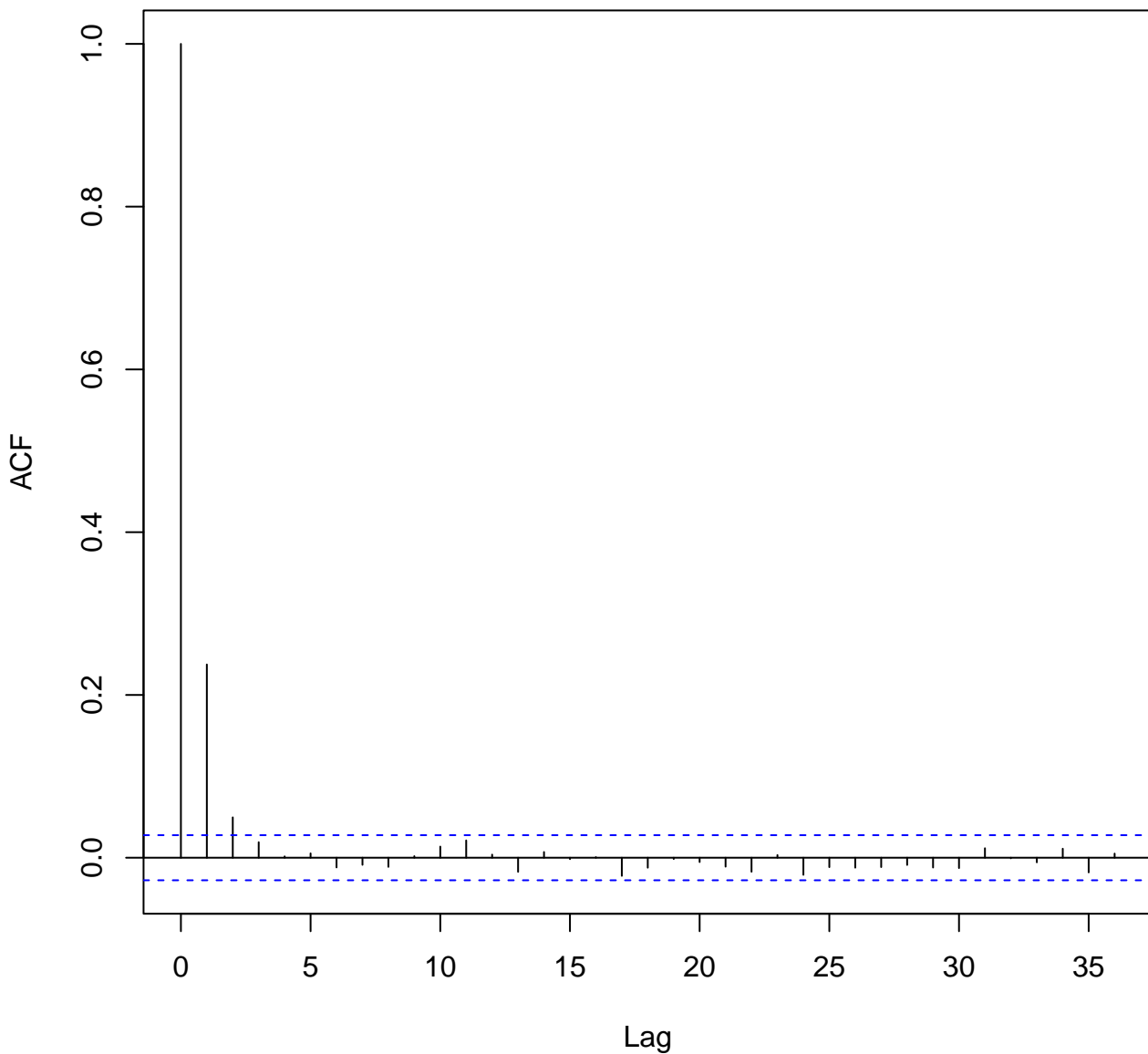




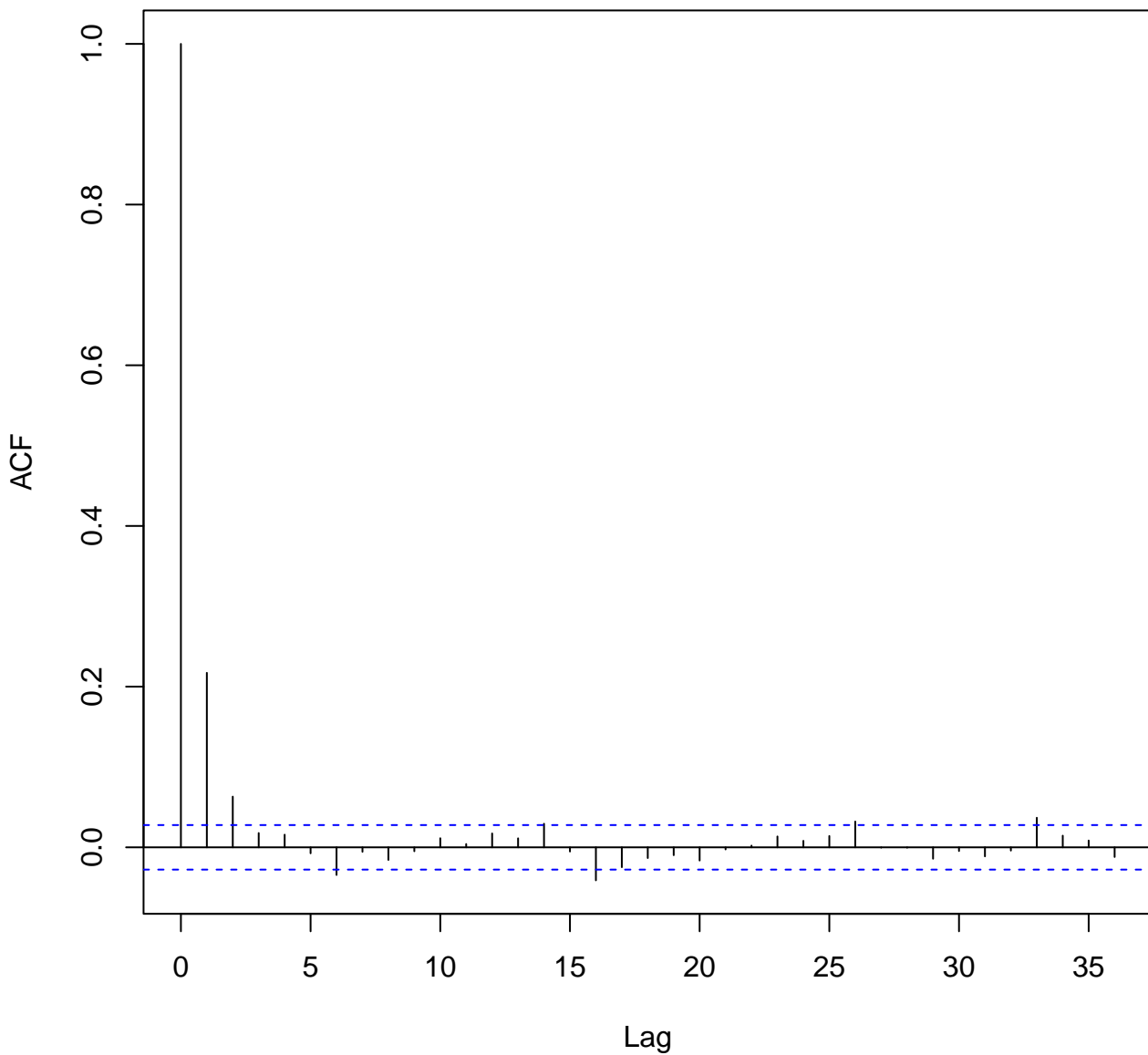
**X\_35 chain 3**



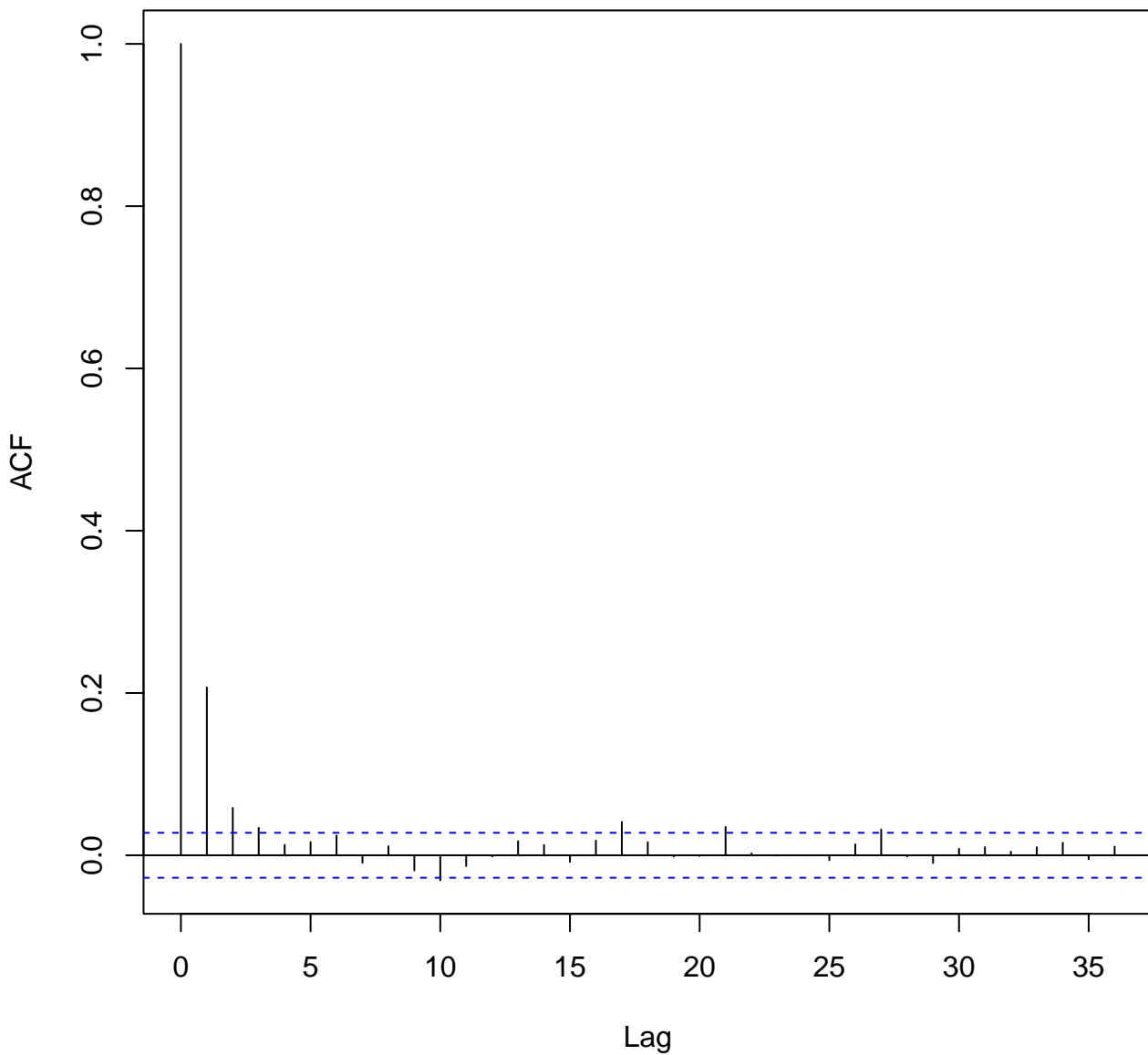
X\_35 chain 4



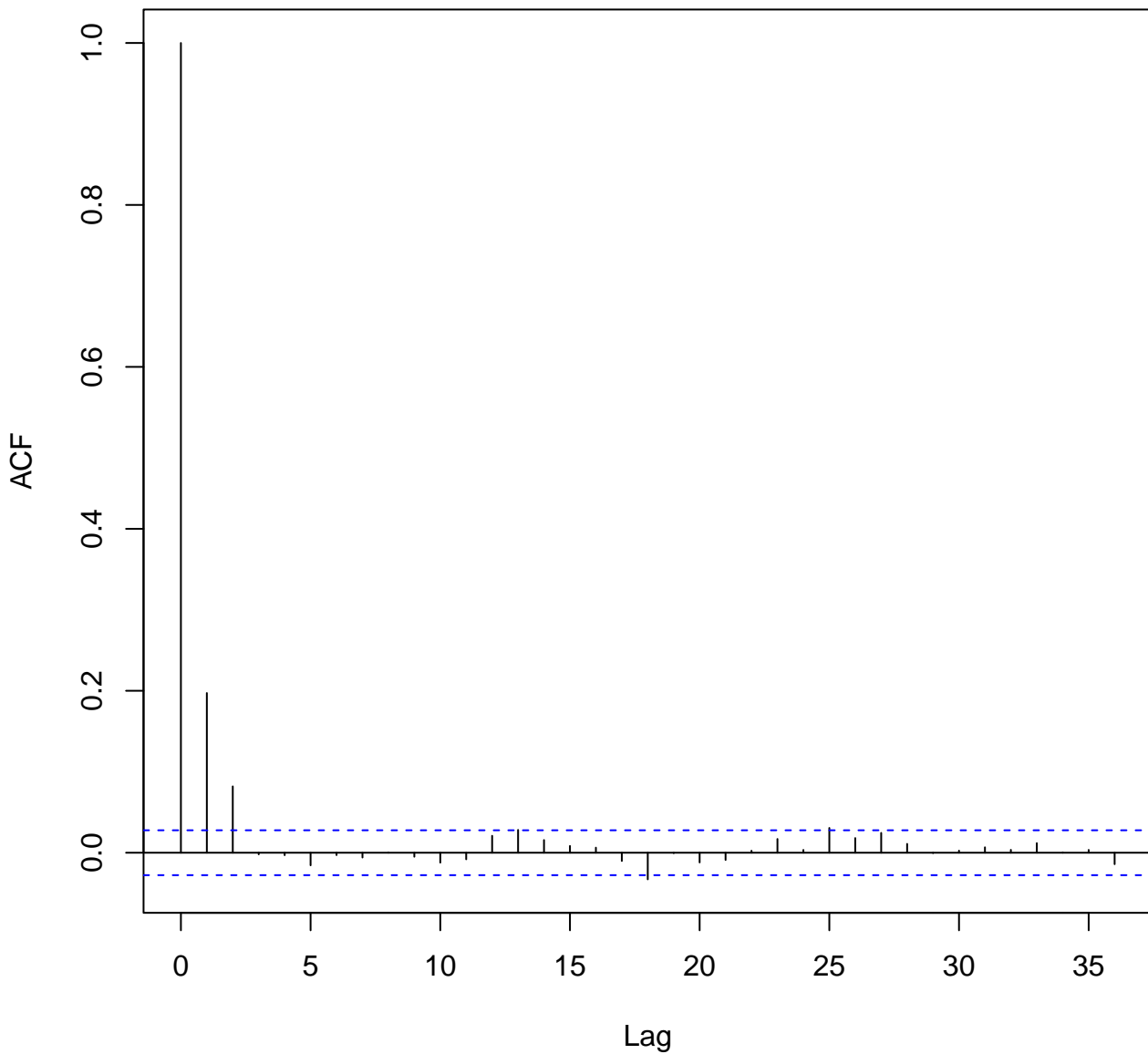
# X\_35 chain 5



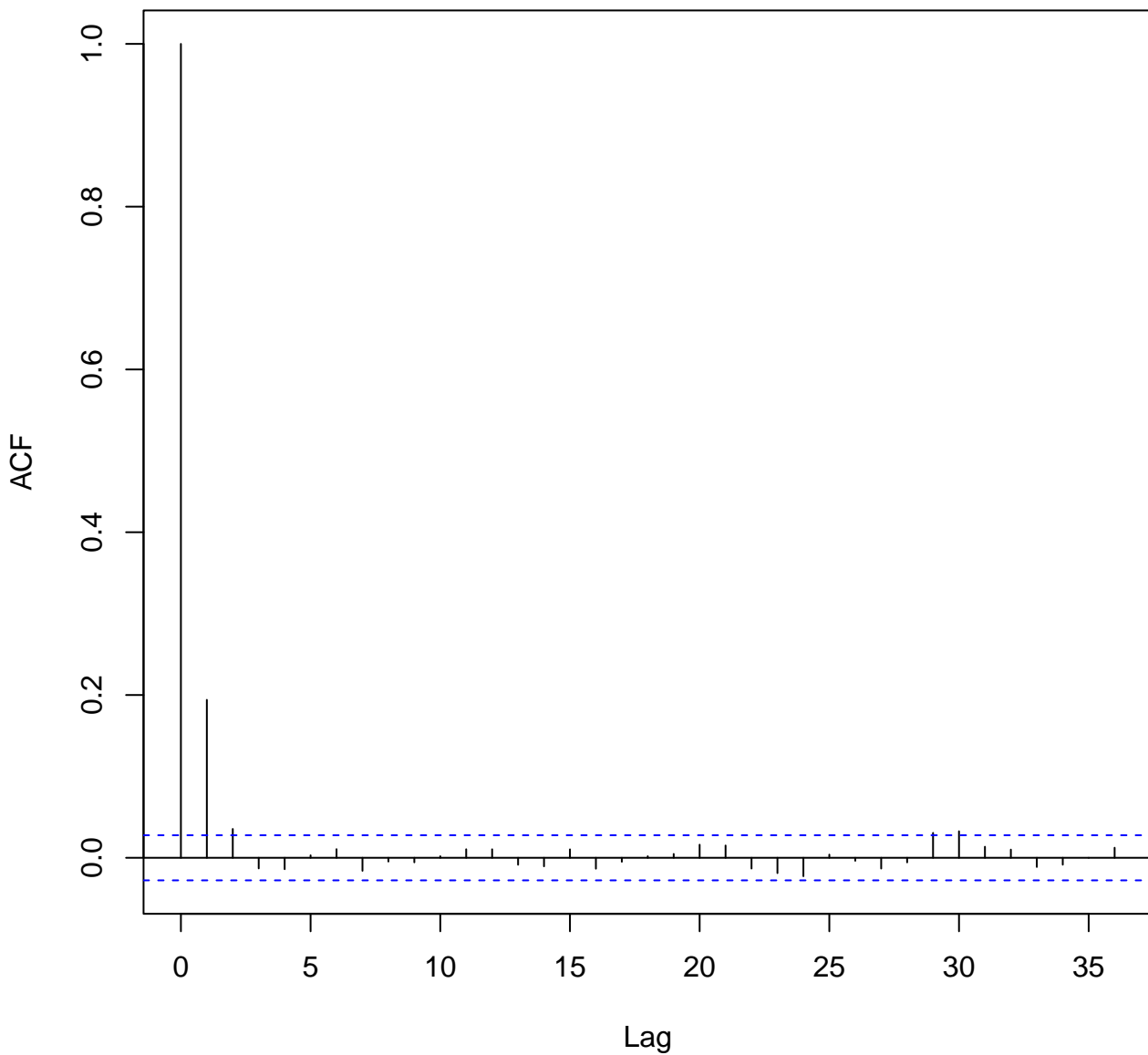
# X\_35 chain 6



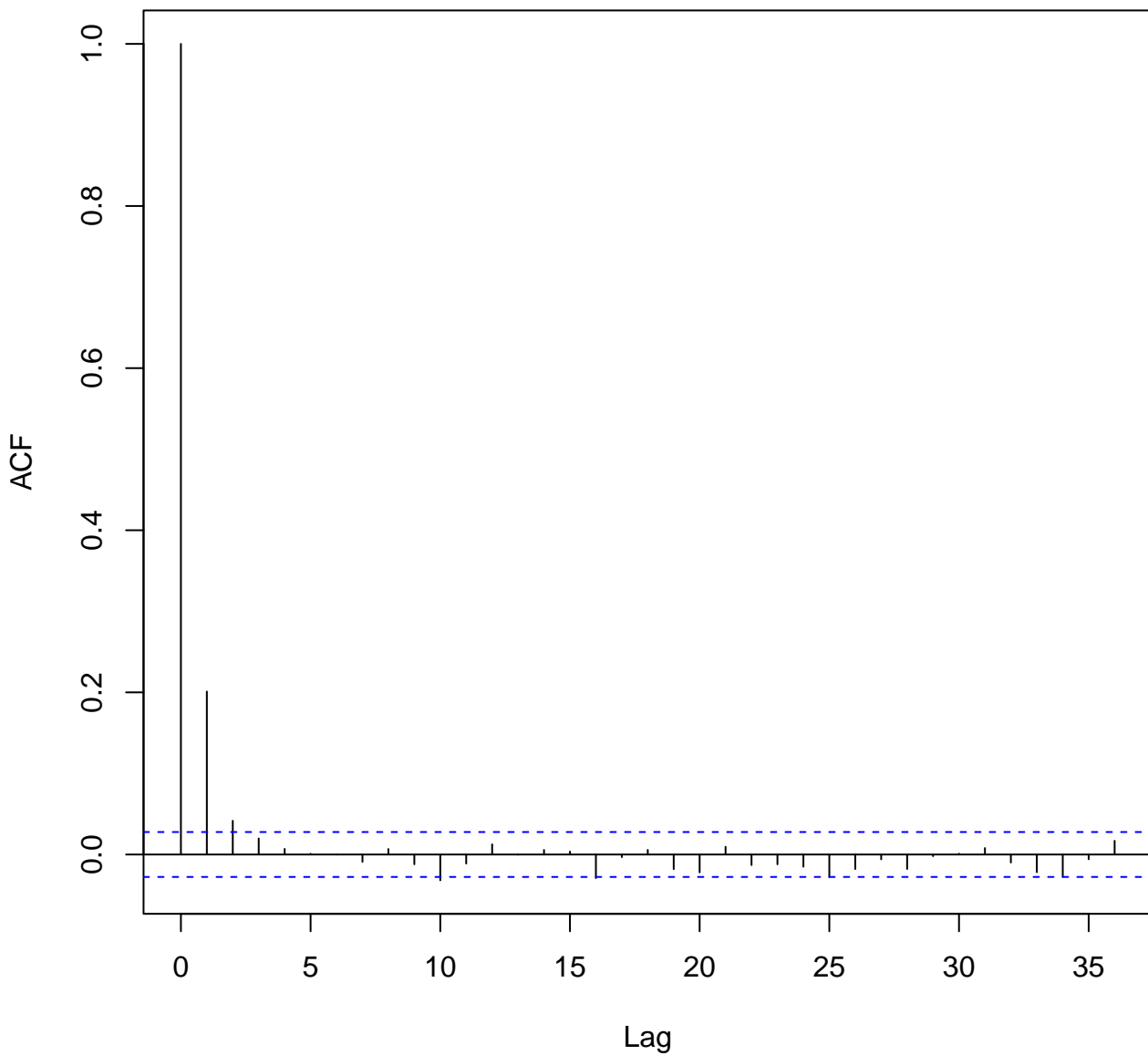
X\_36 chain 1



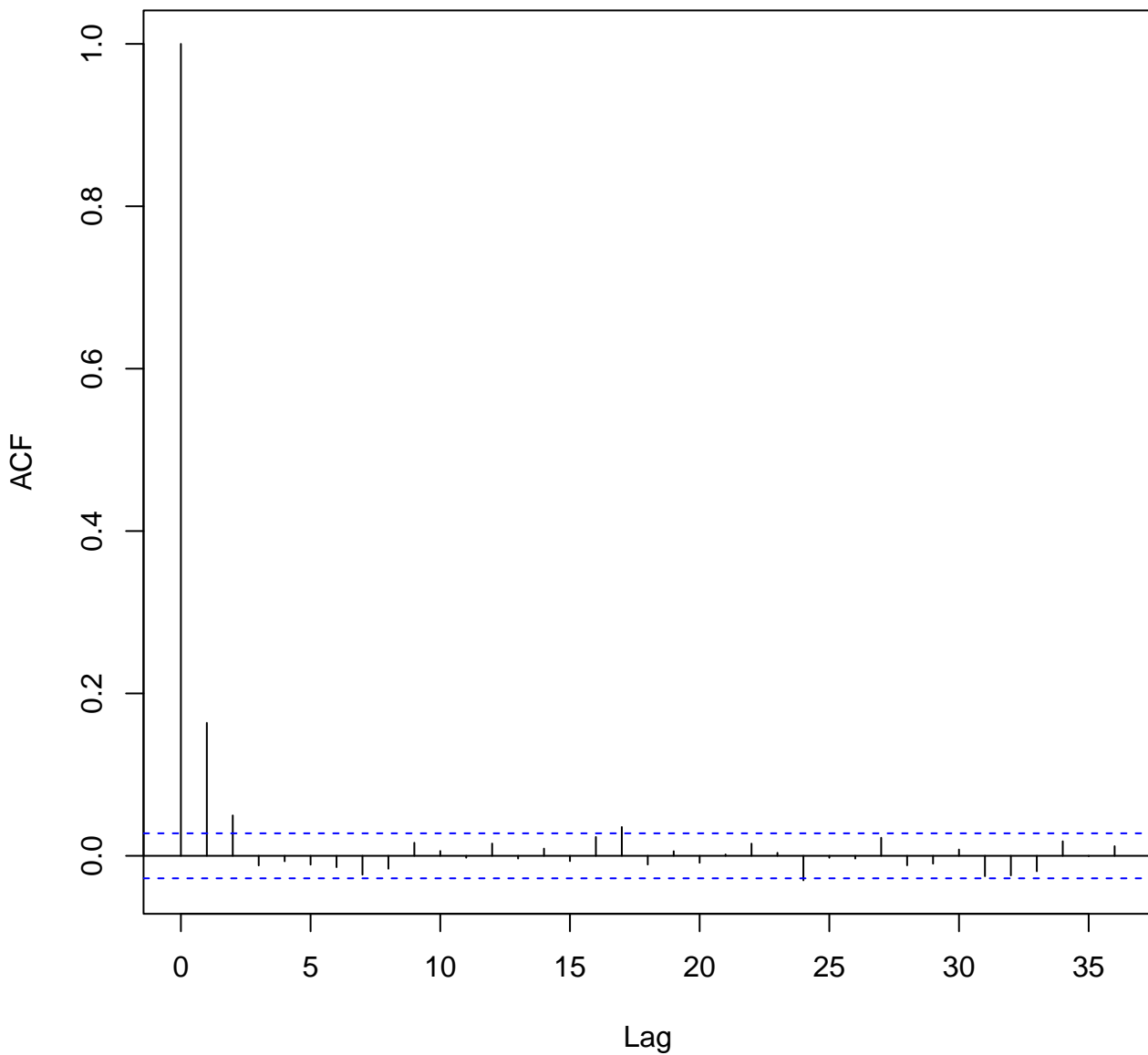
X\_36 chain 2



**X\_36 chain 3**

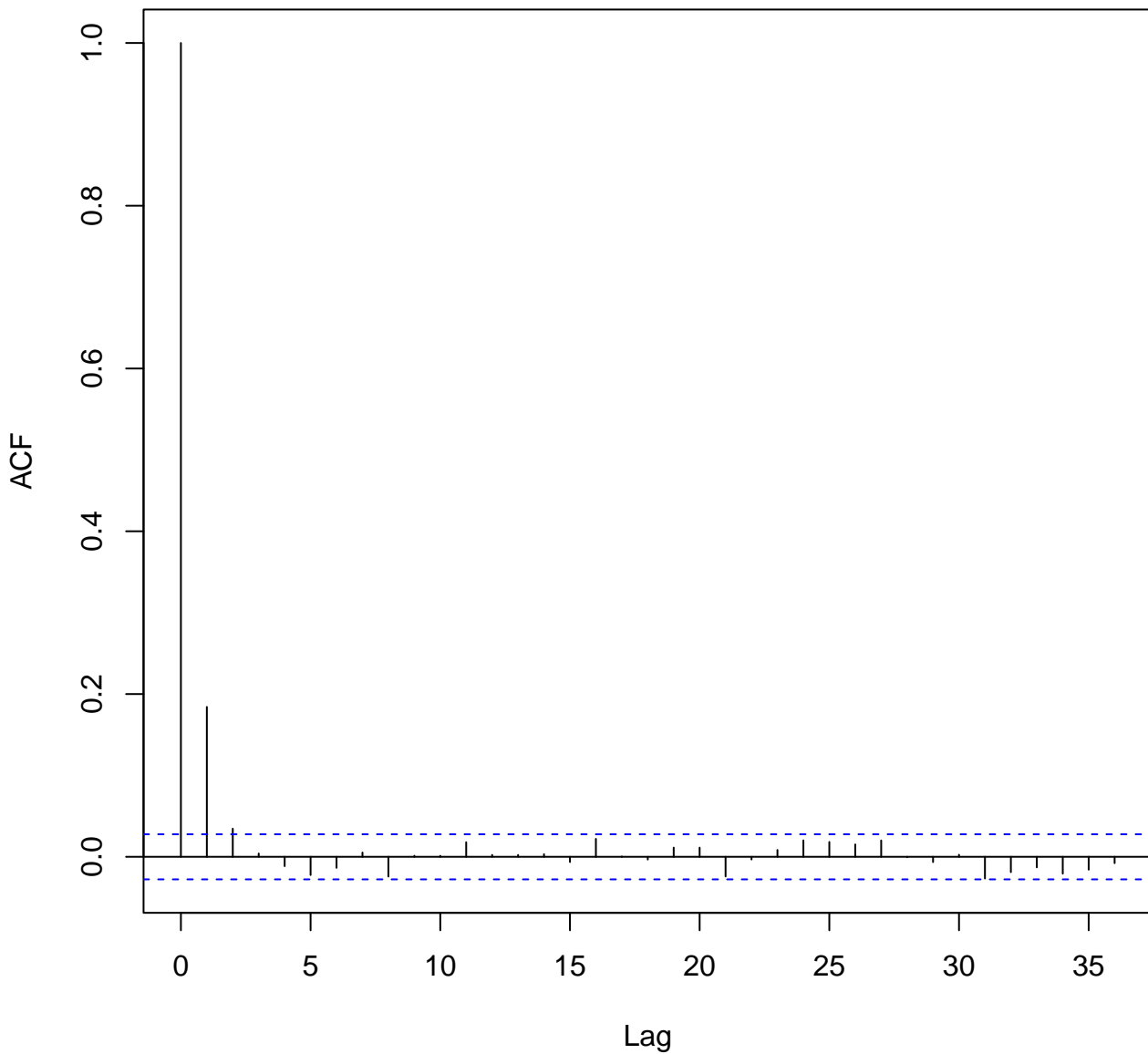


**X\_36 chain 4**

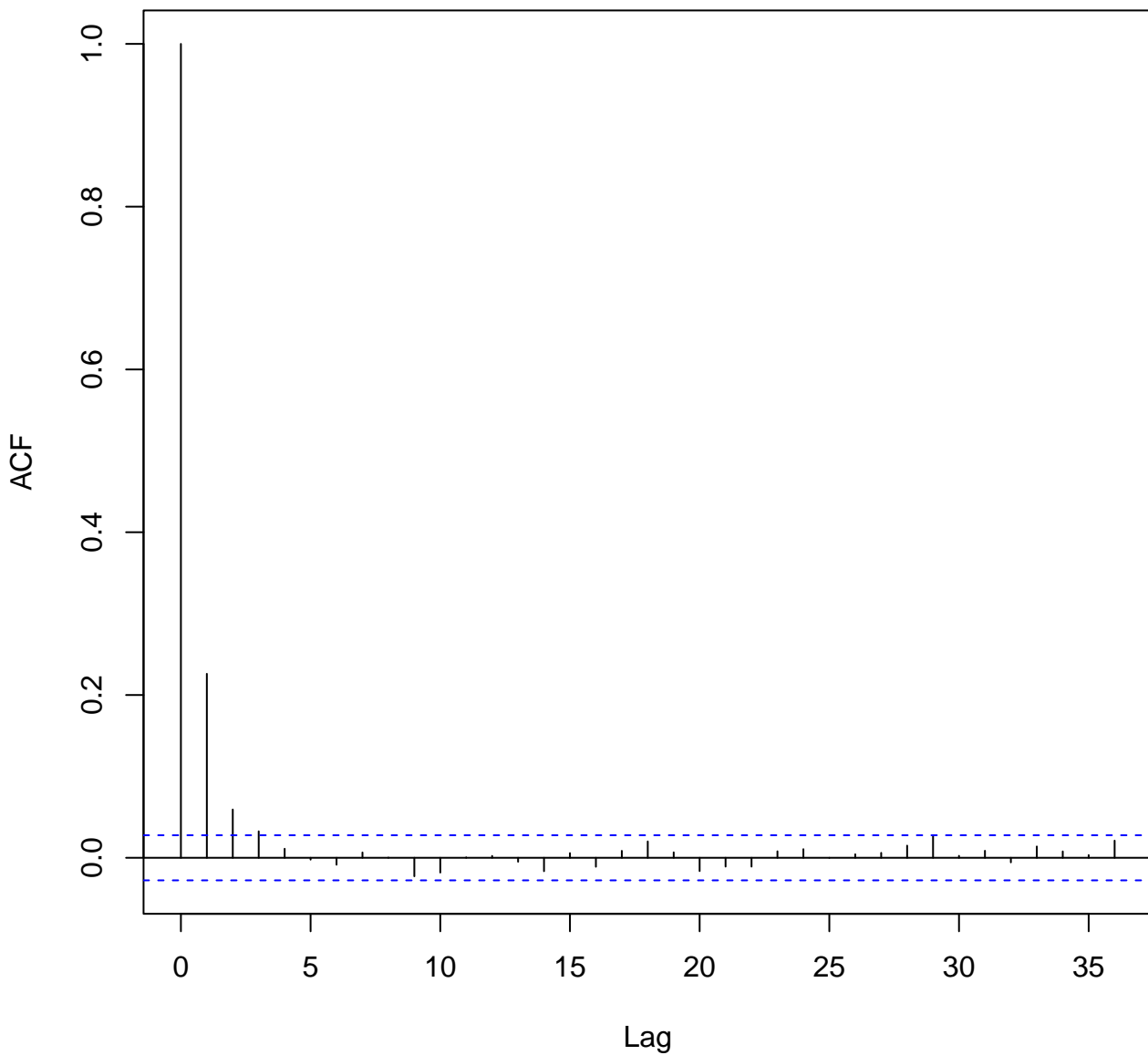




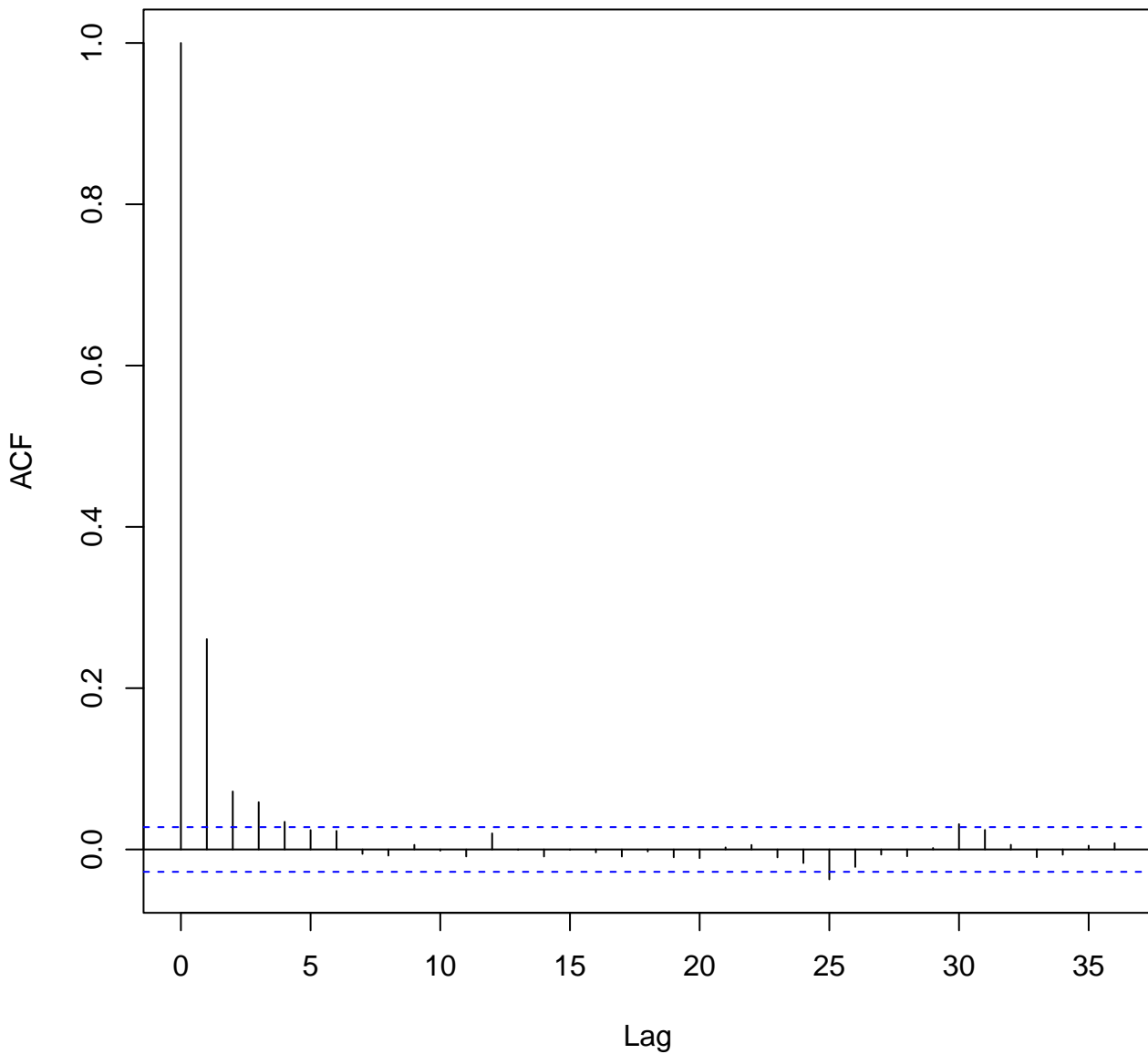
X\_36 chain 5



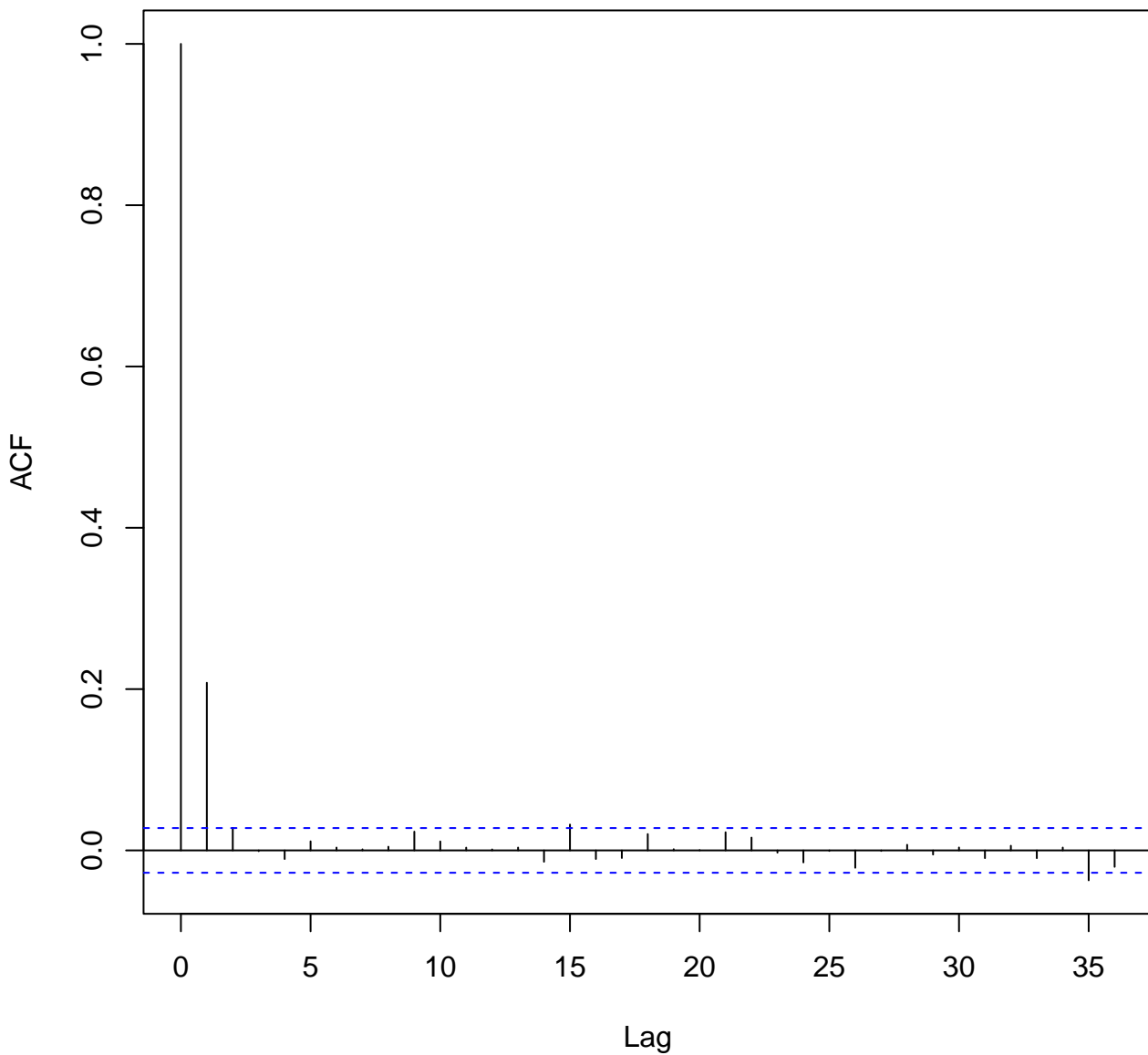
X\_36 chain 6



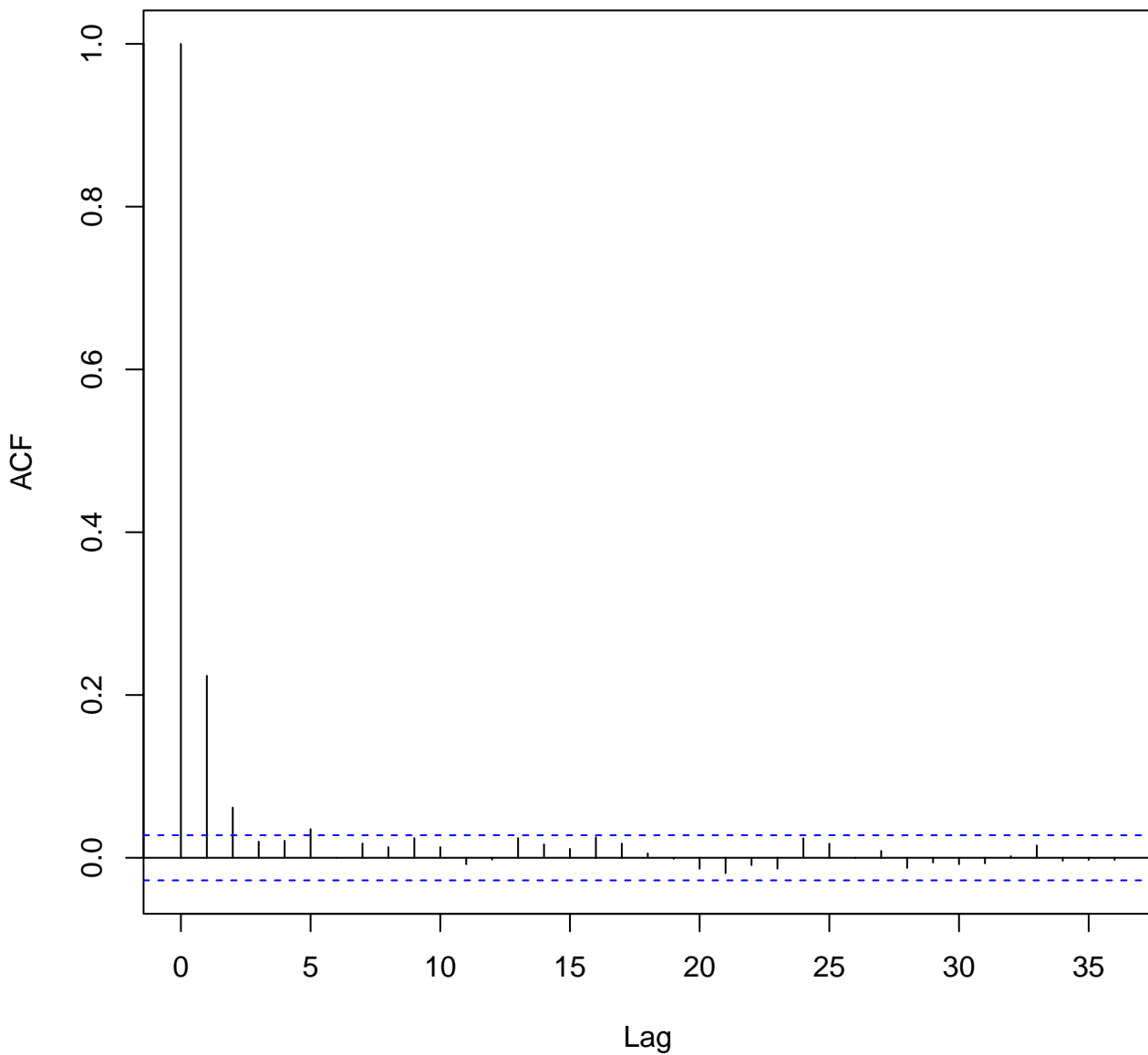
# X\_37 chain 1



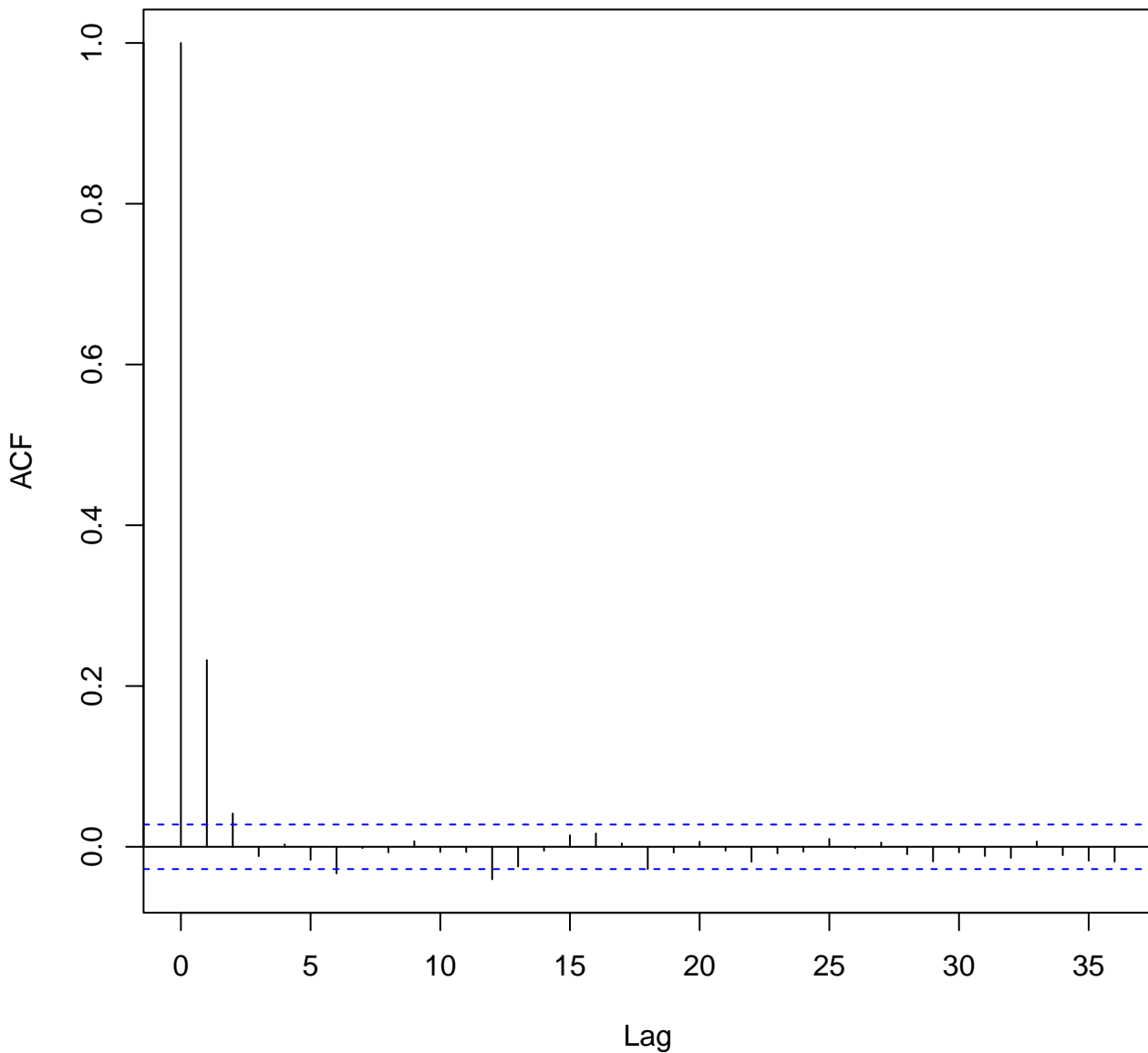
# X\_37 chain 2



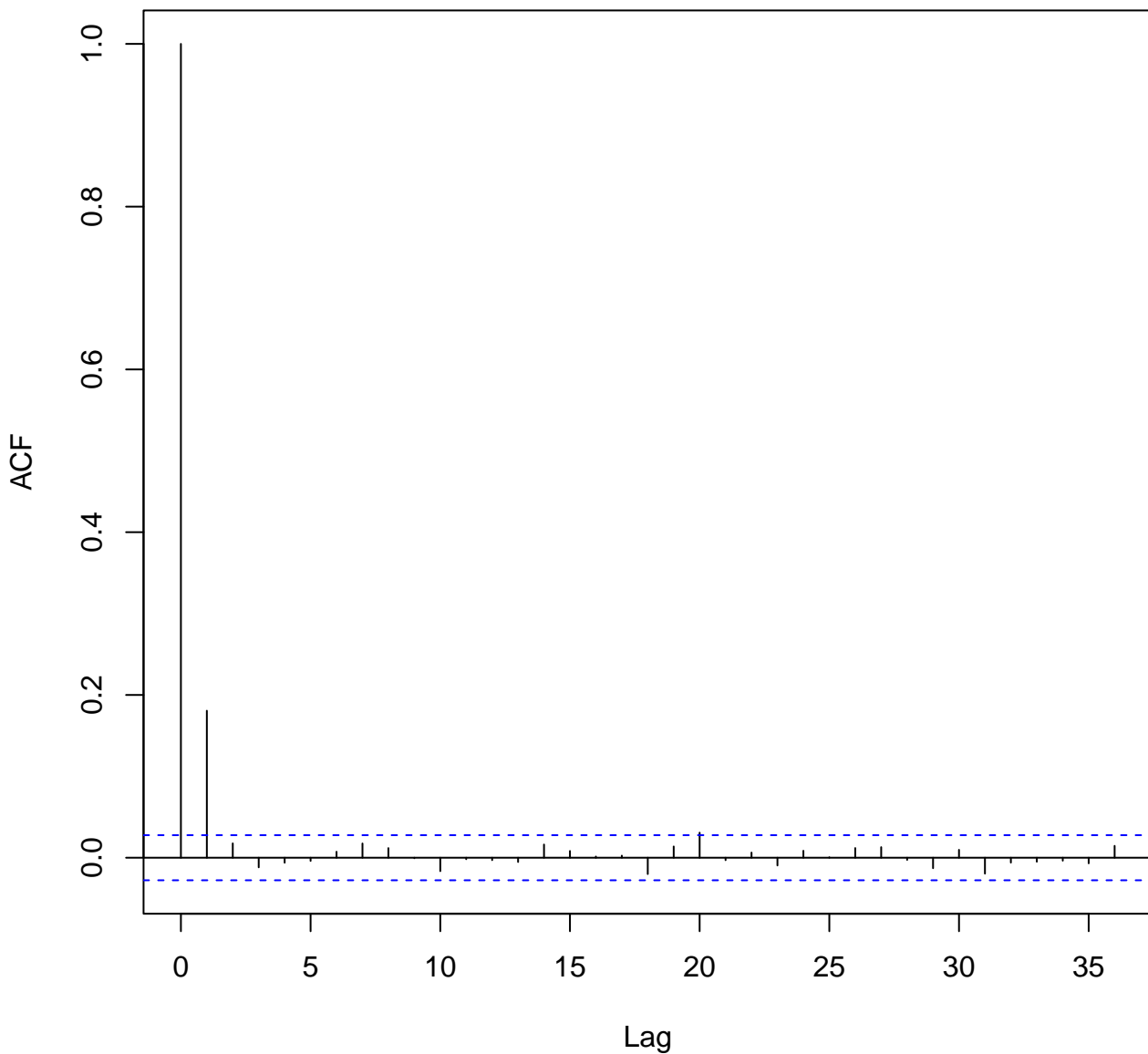
**X\_37 chain 3**



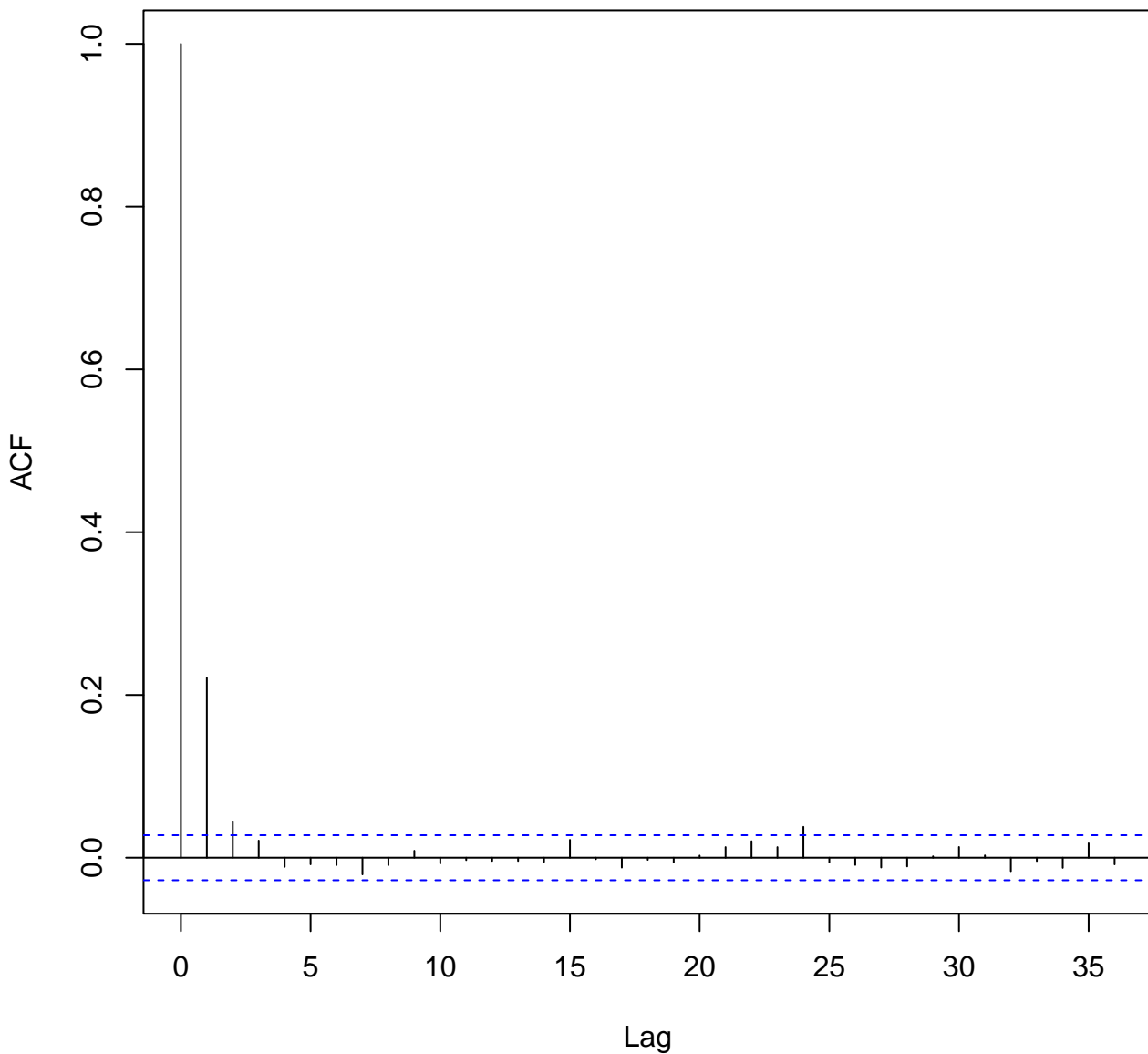
**X\_37 chain 4**



**X\_37 chain 5**

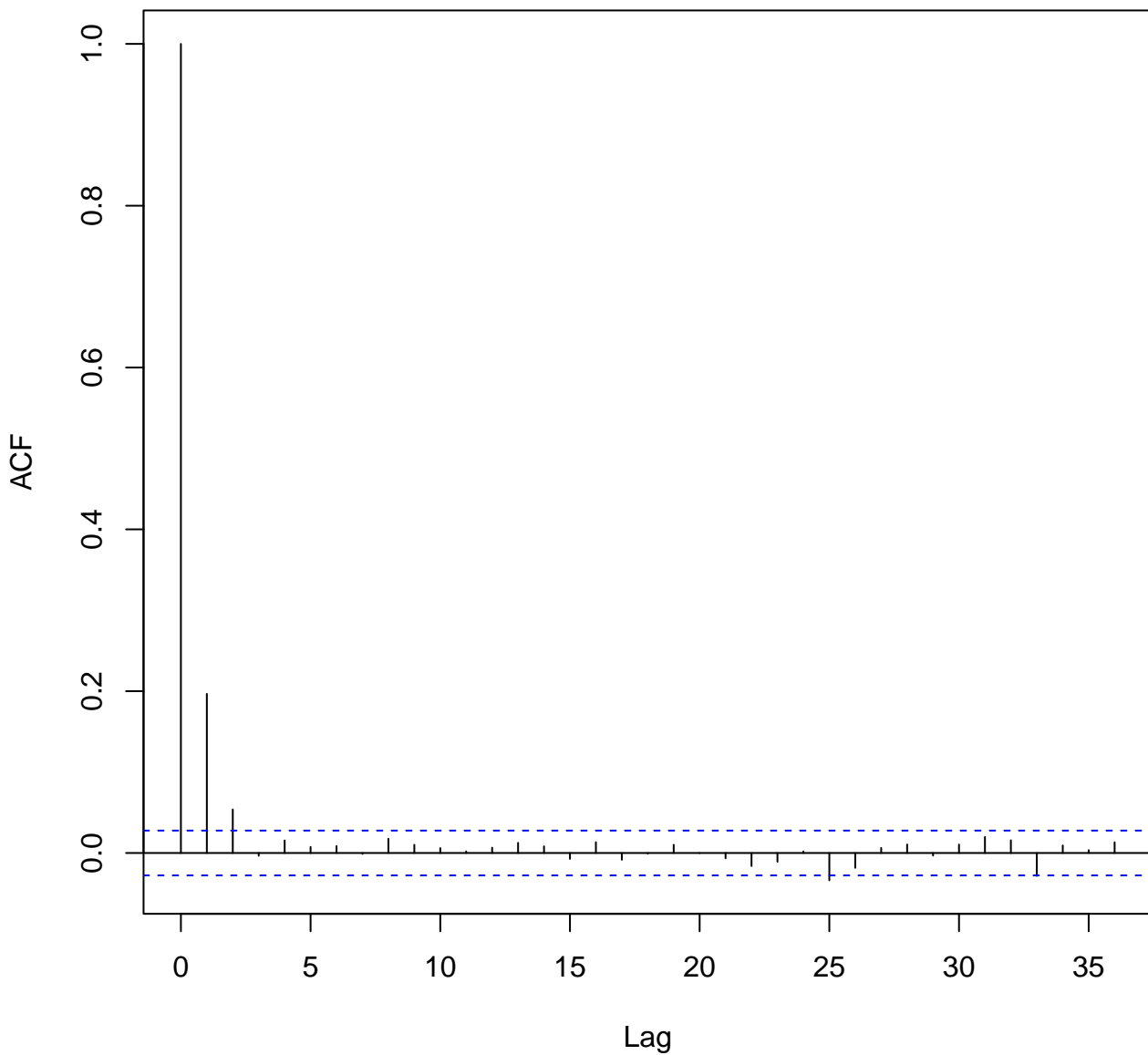


**X\_37 chain 6**

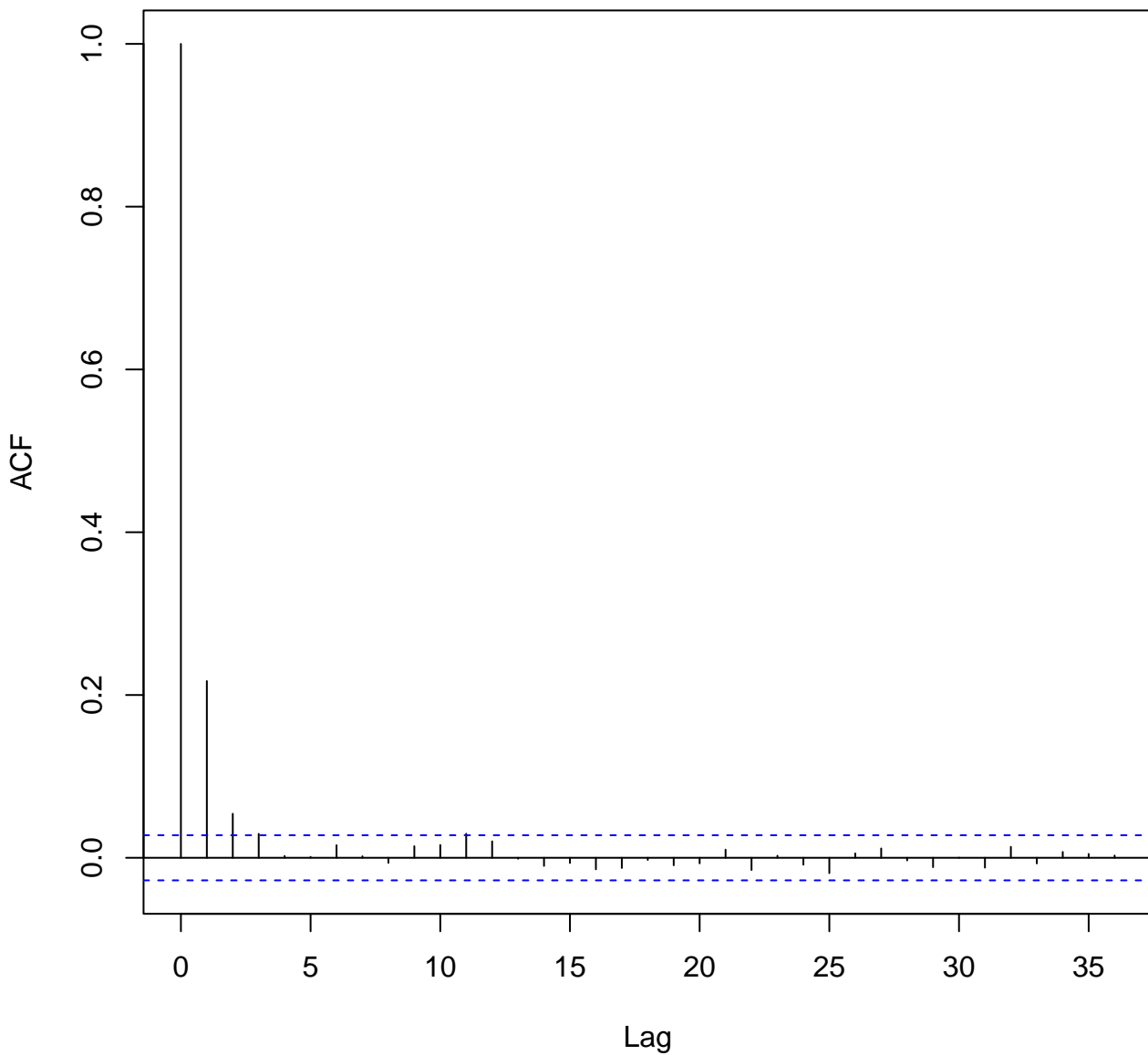




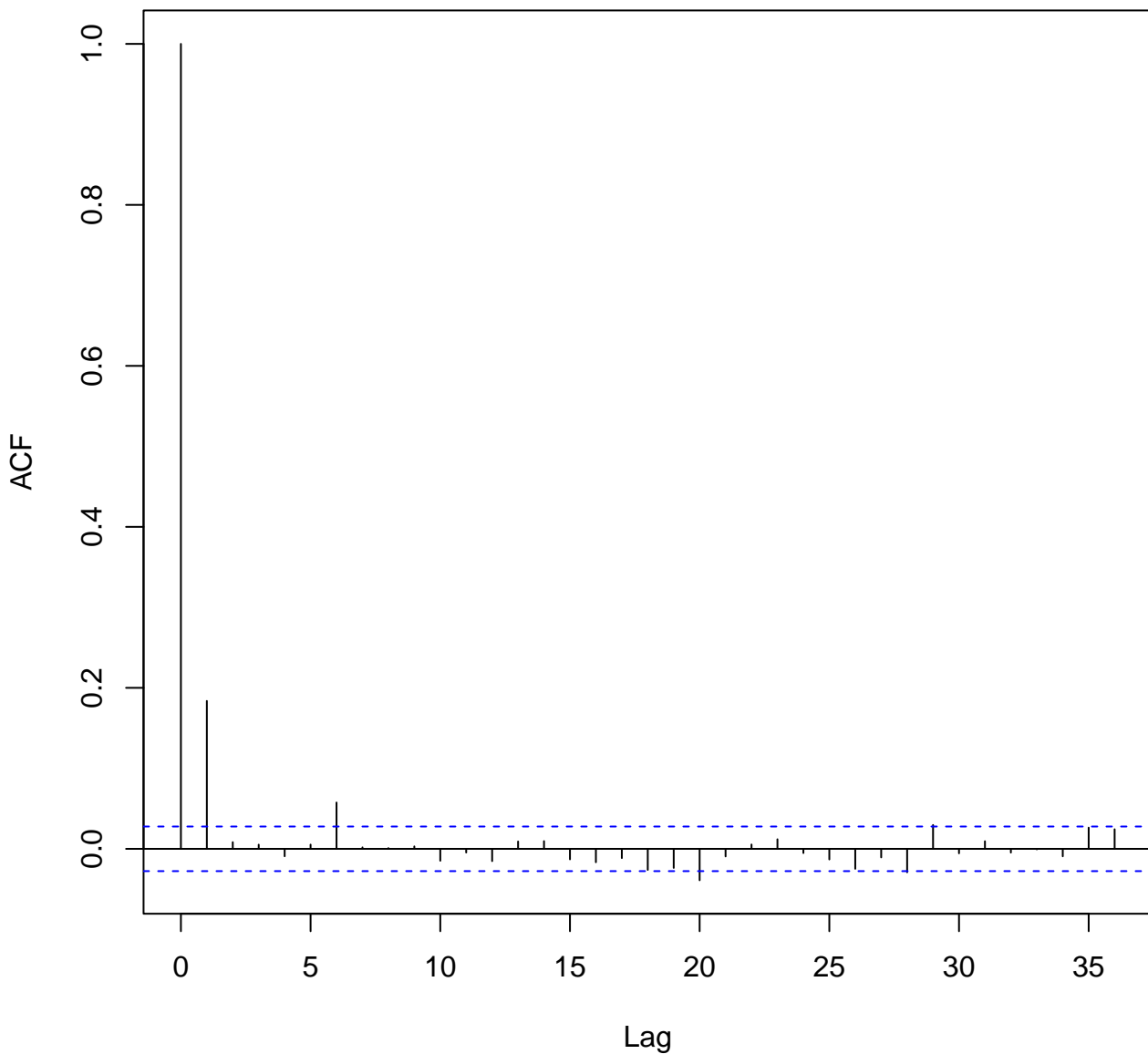
X\_38 chain 1



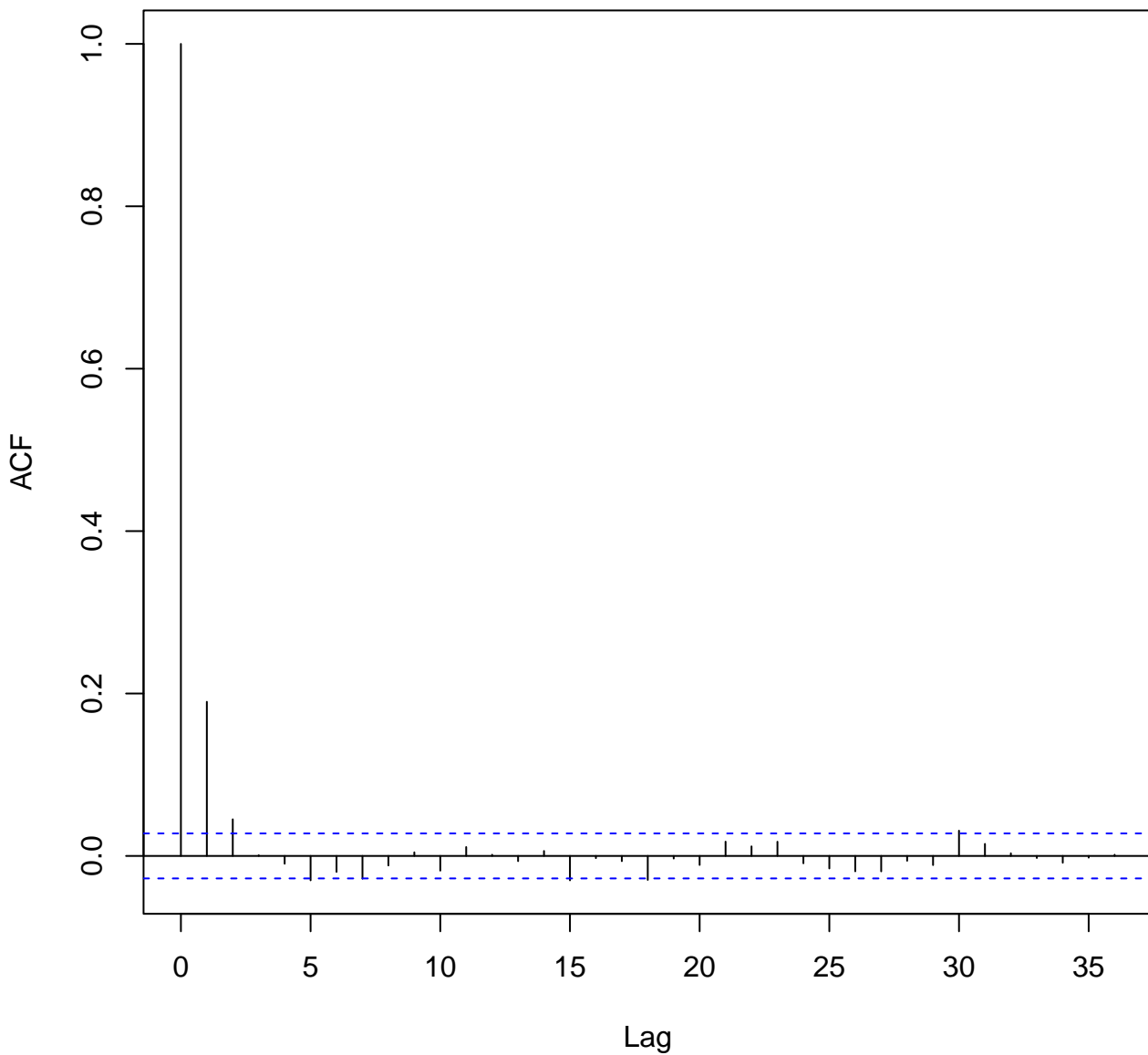
**X\_38 chain 2**



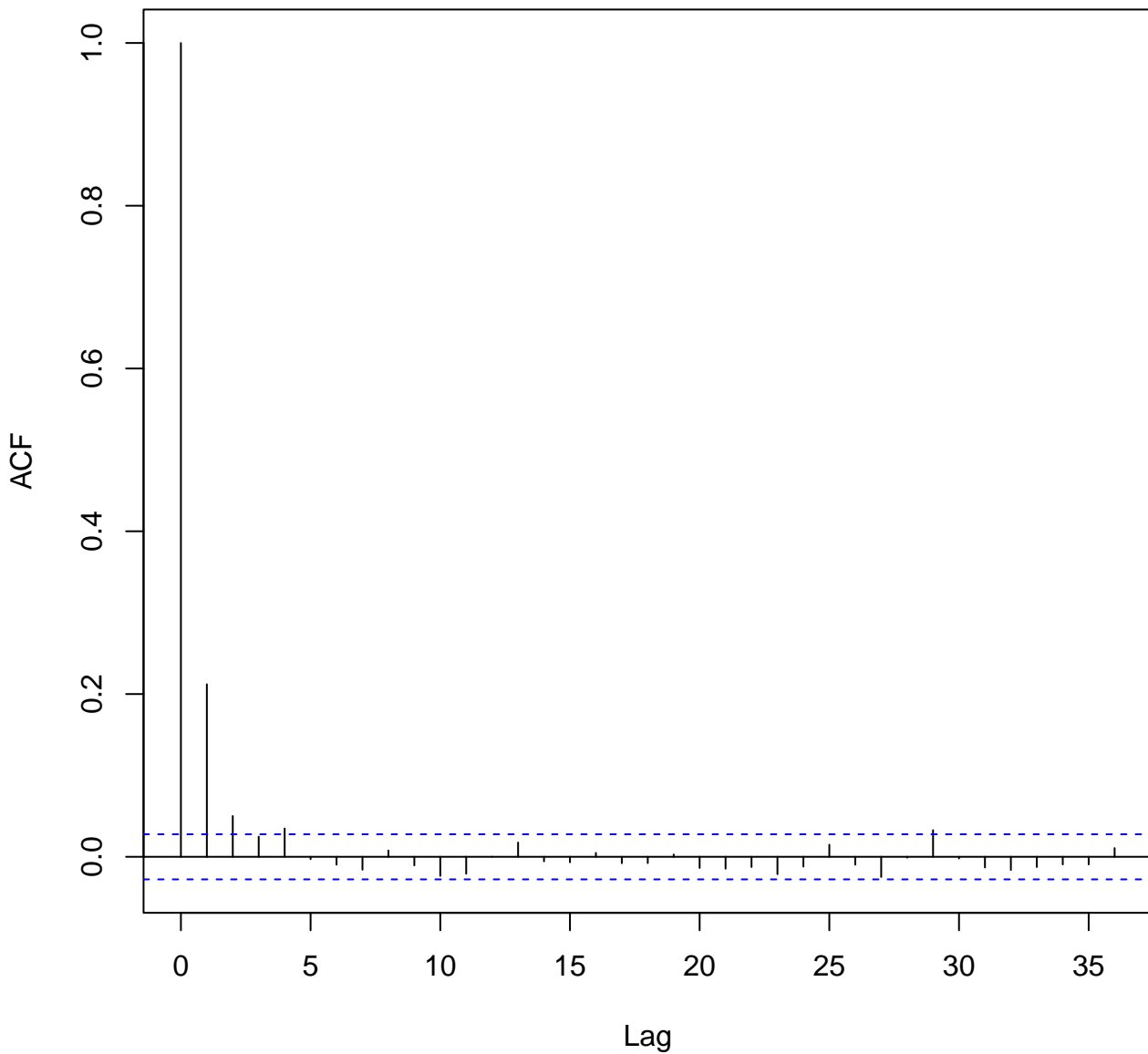
**X\_38 chain 3**



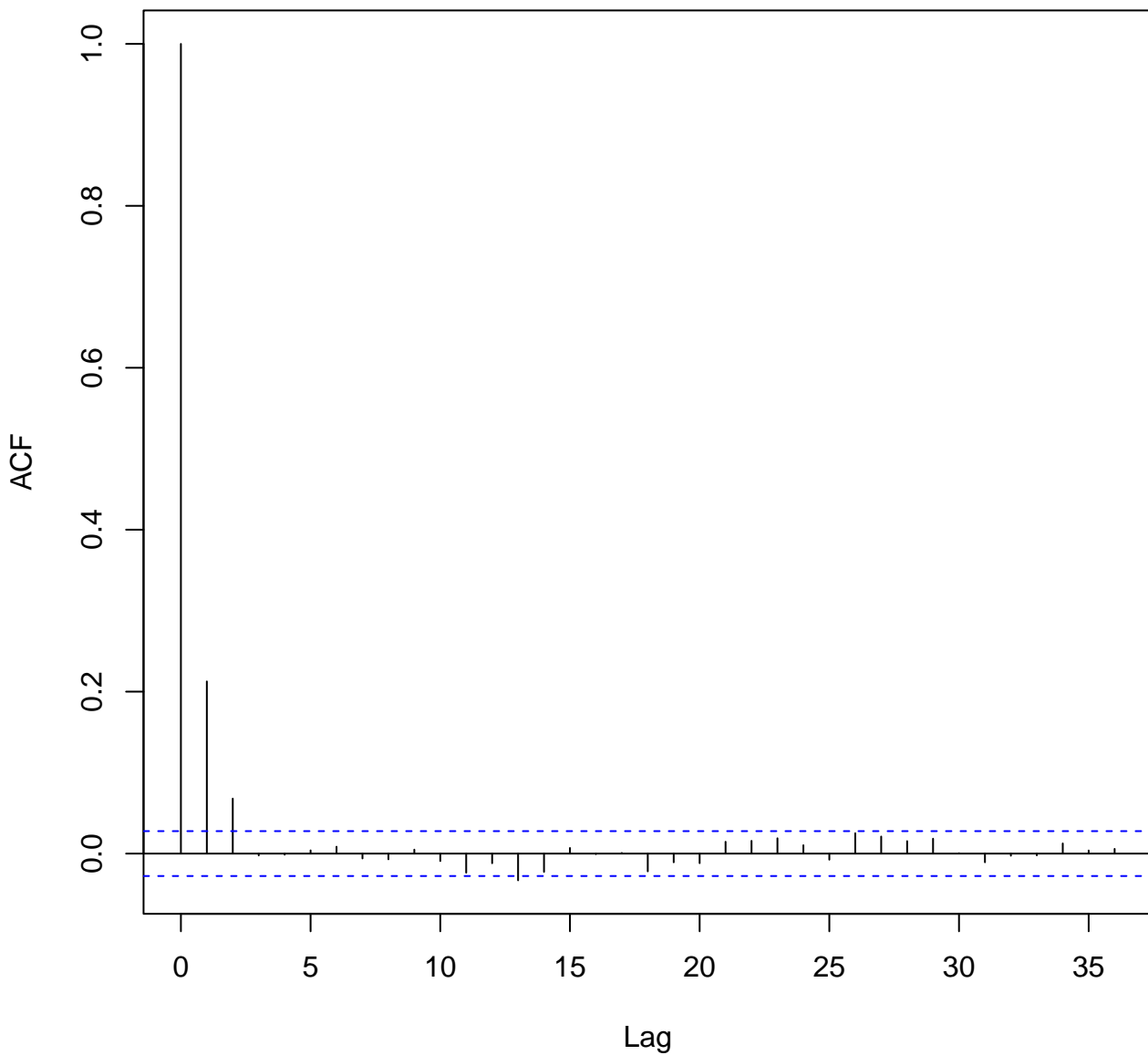
X\_38 chain 4



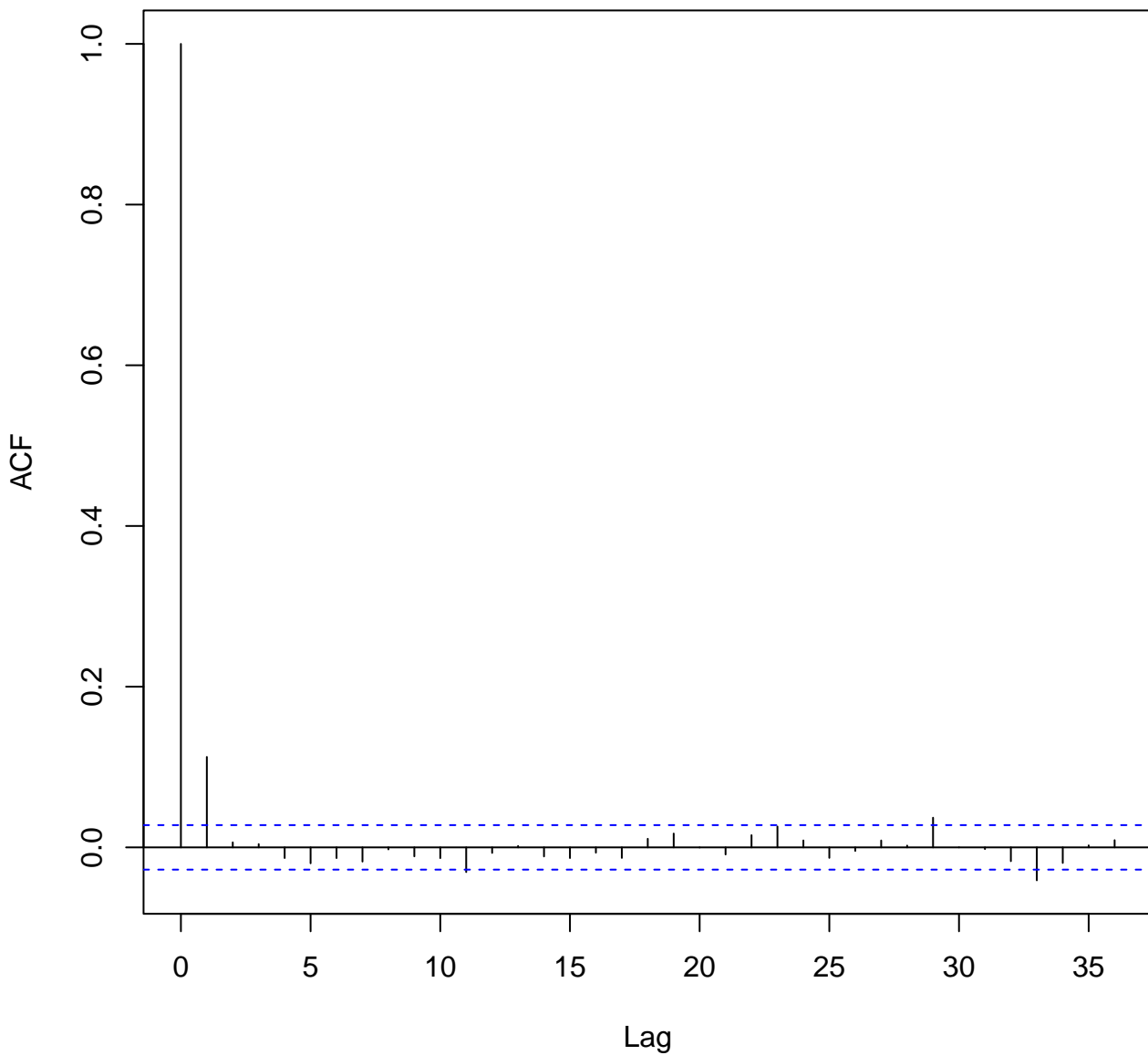
**X\_38 chain 5**



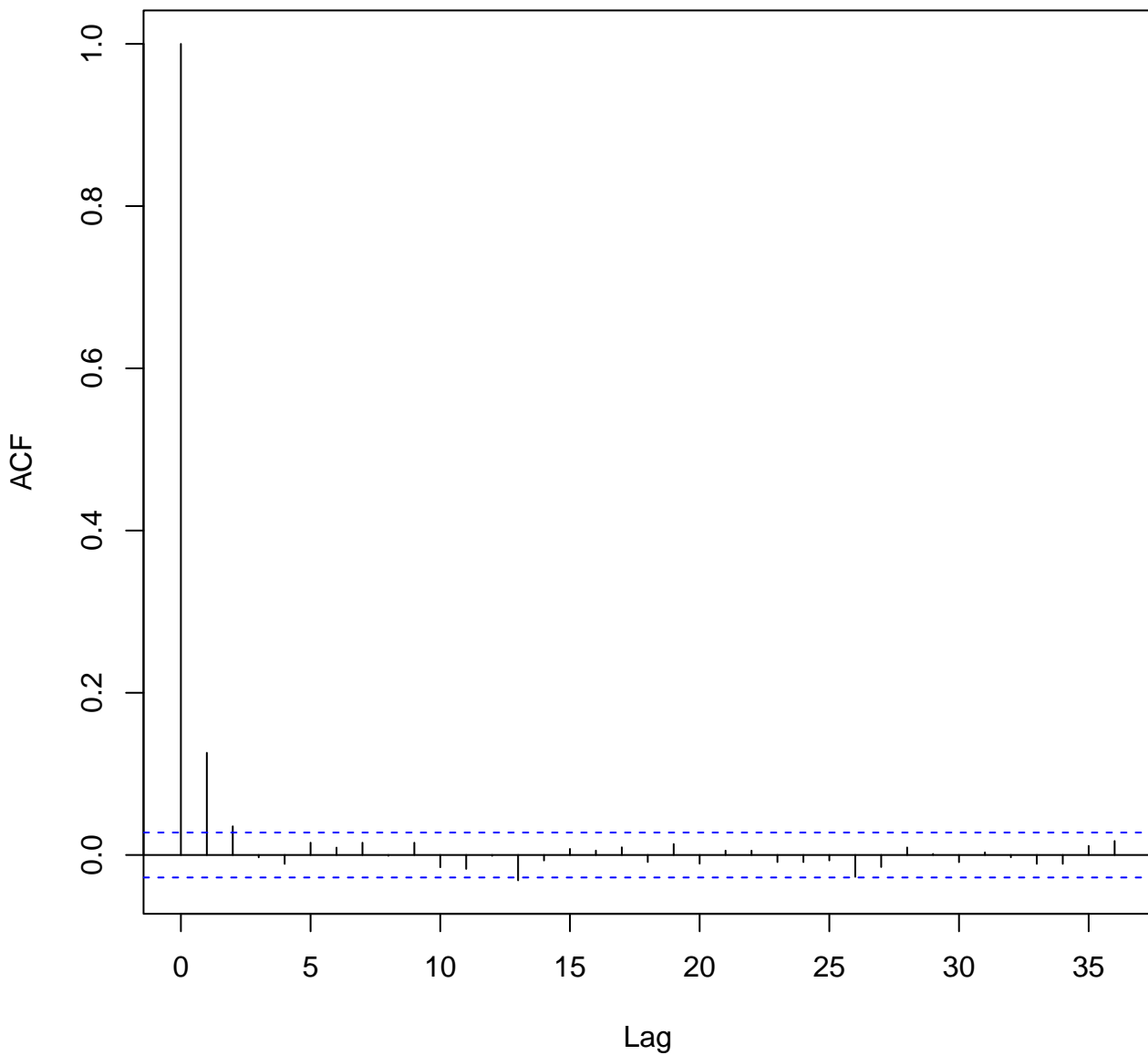
# X\_38 chain 6



# X\_39 chain 1

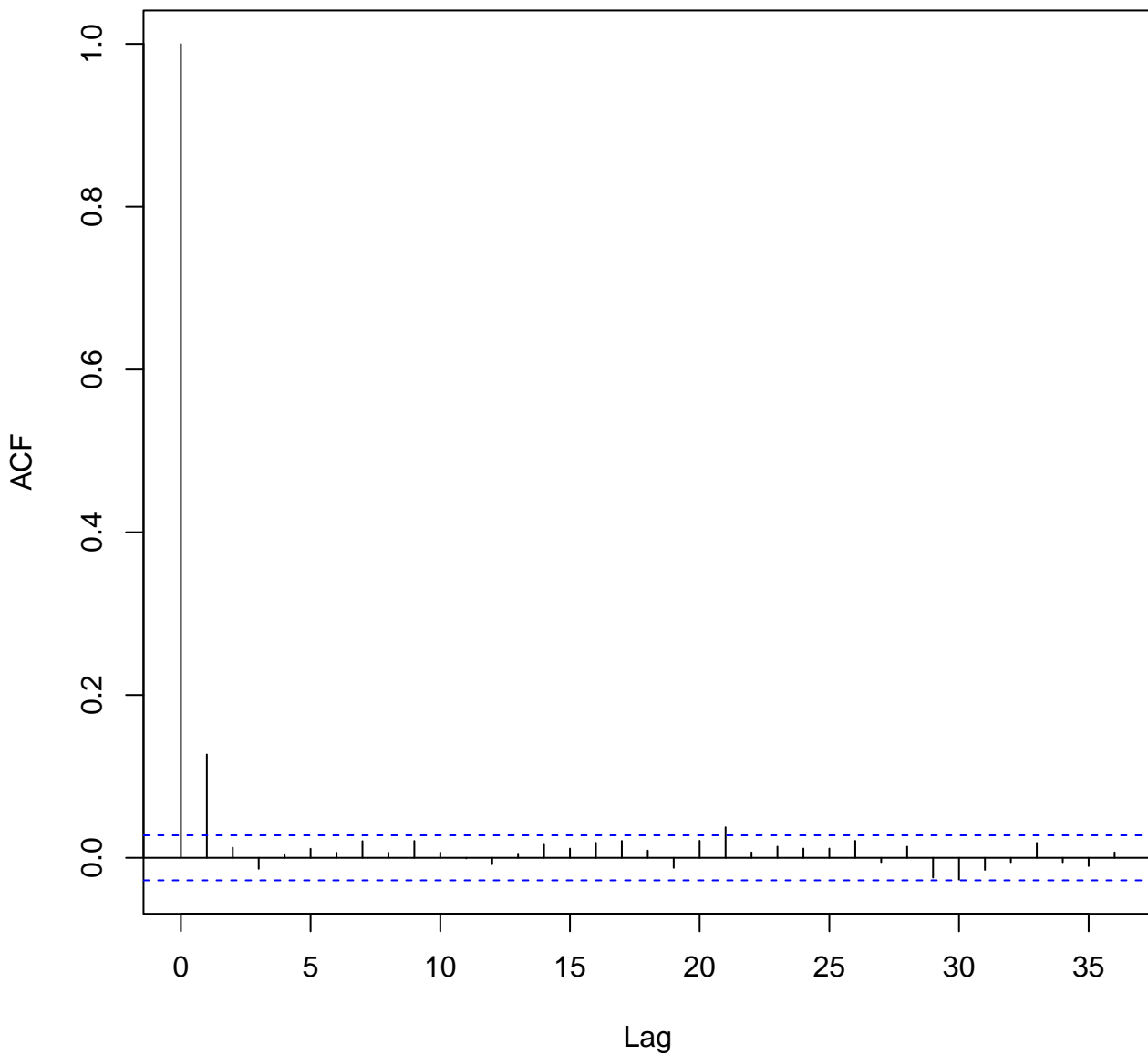


# X\_39 chain 2

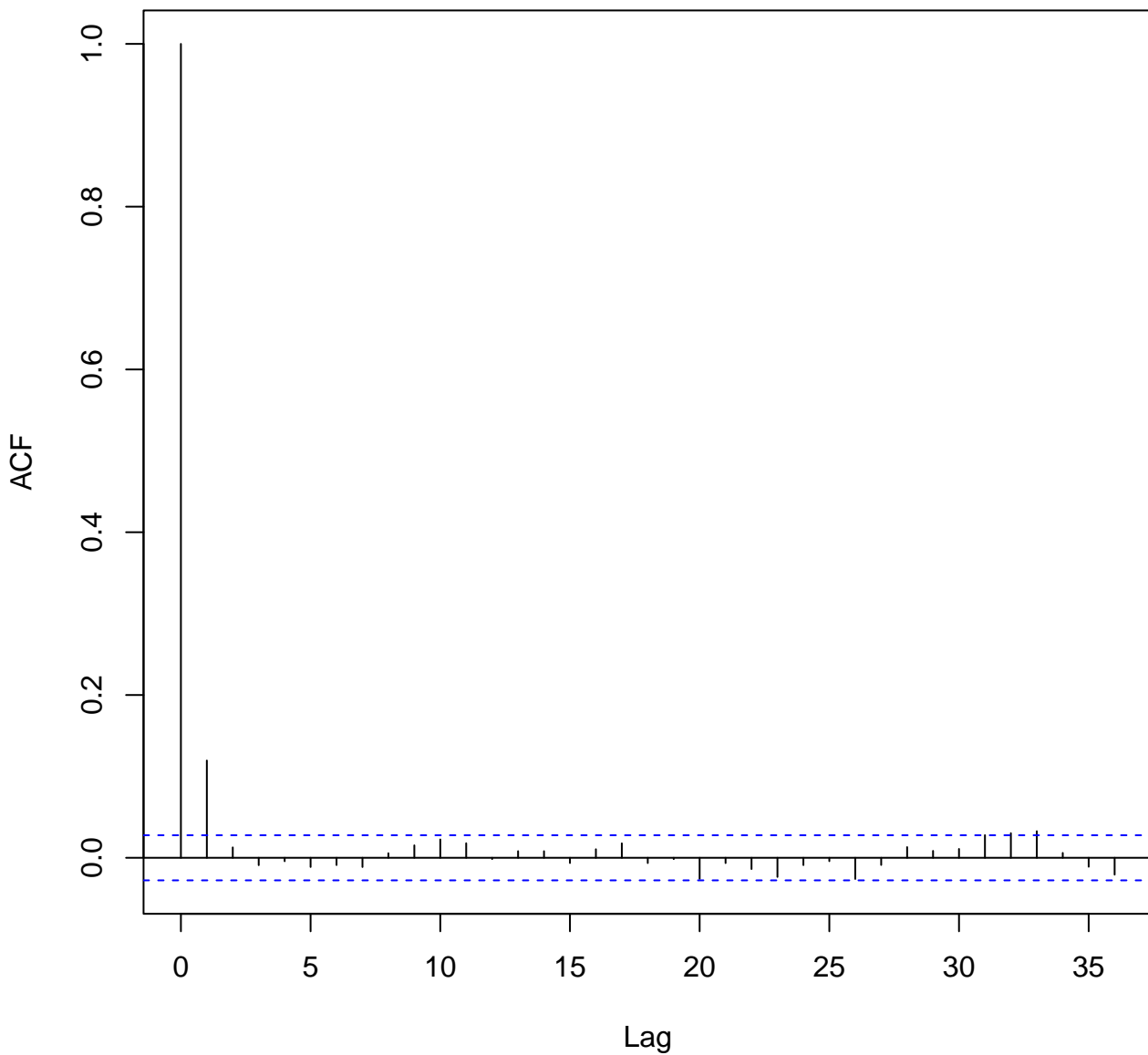




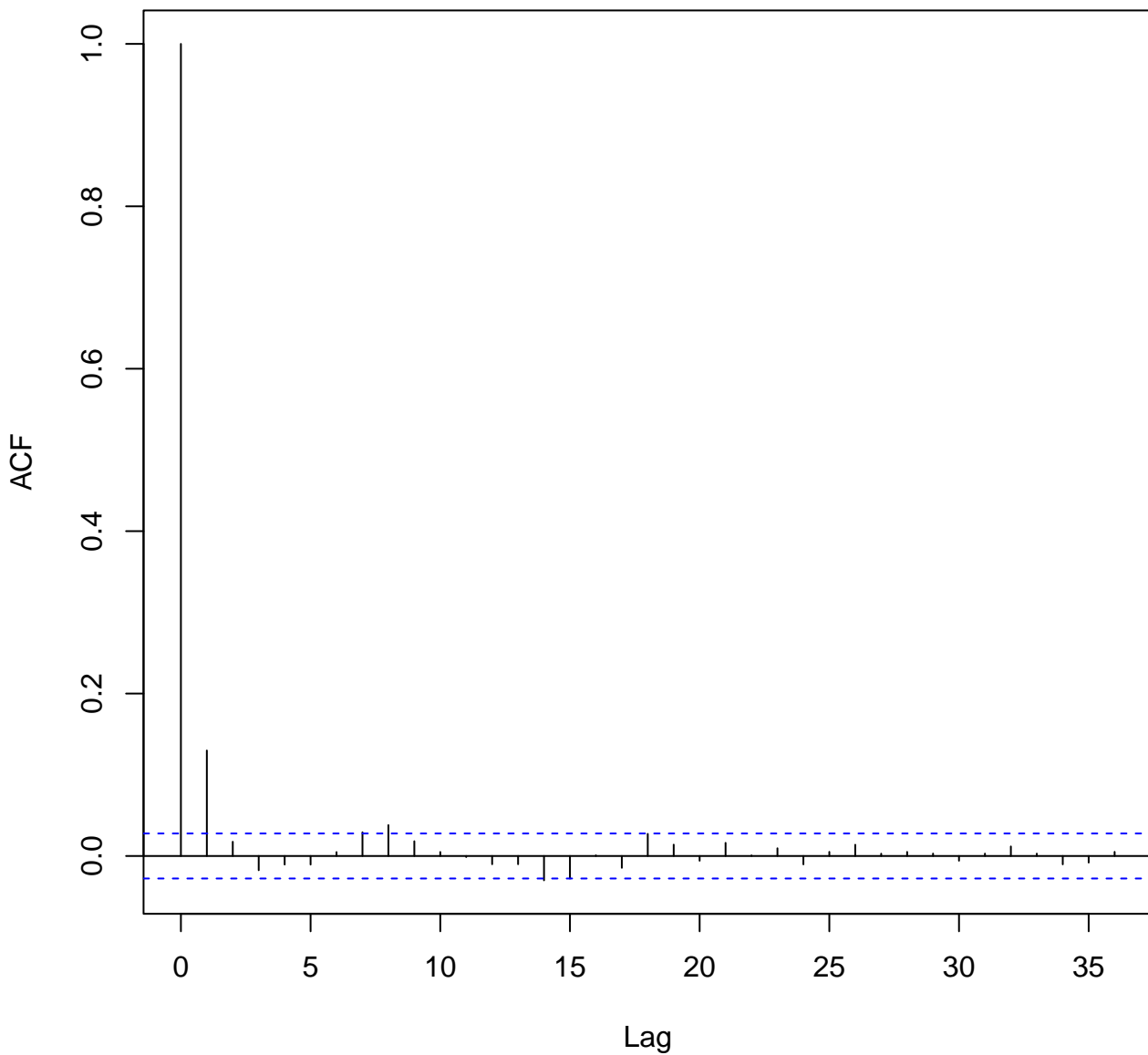
**X\_39 chain 3**



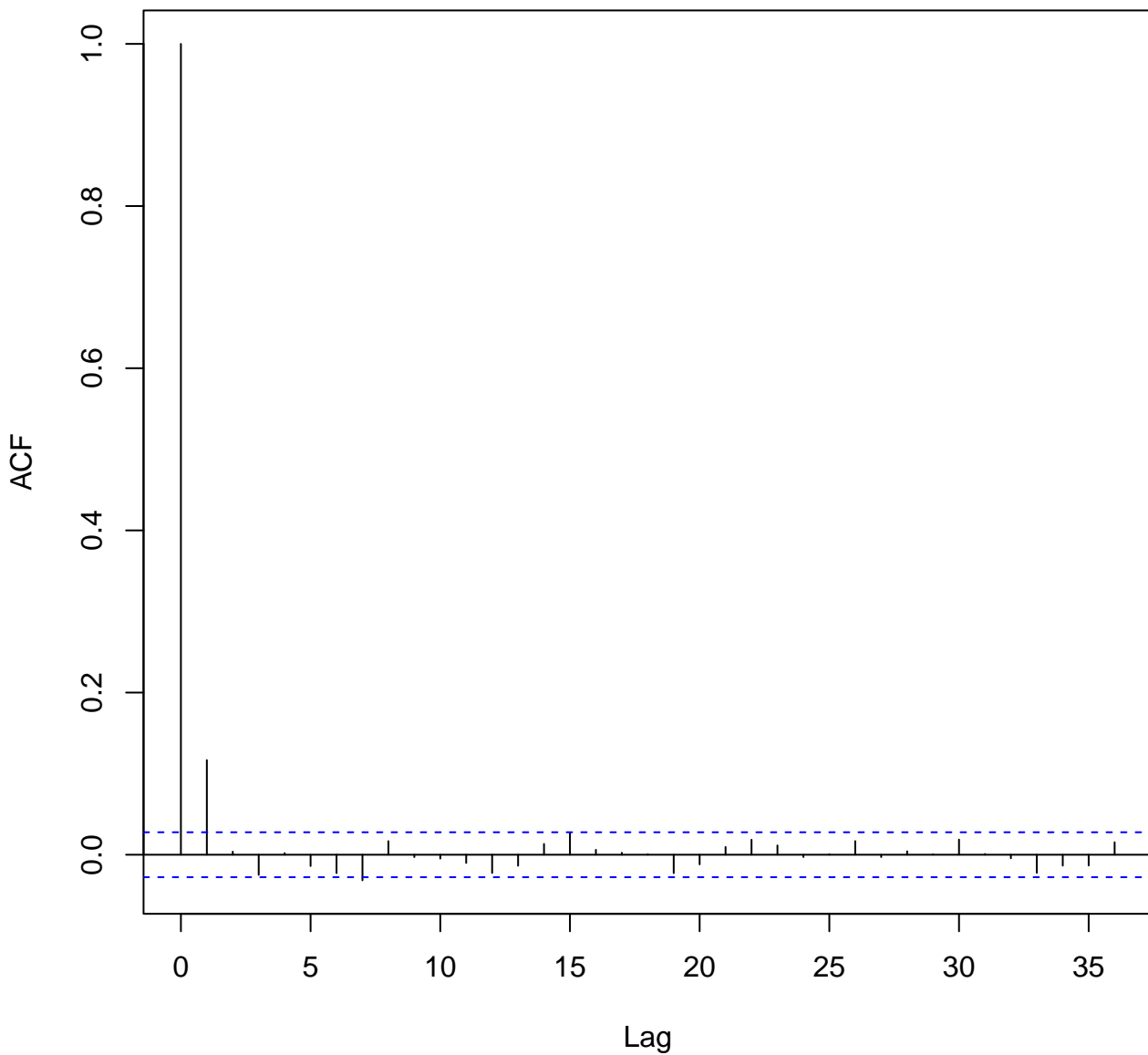
**X\_39 chain 4**



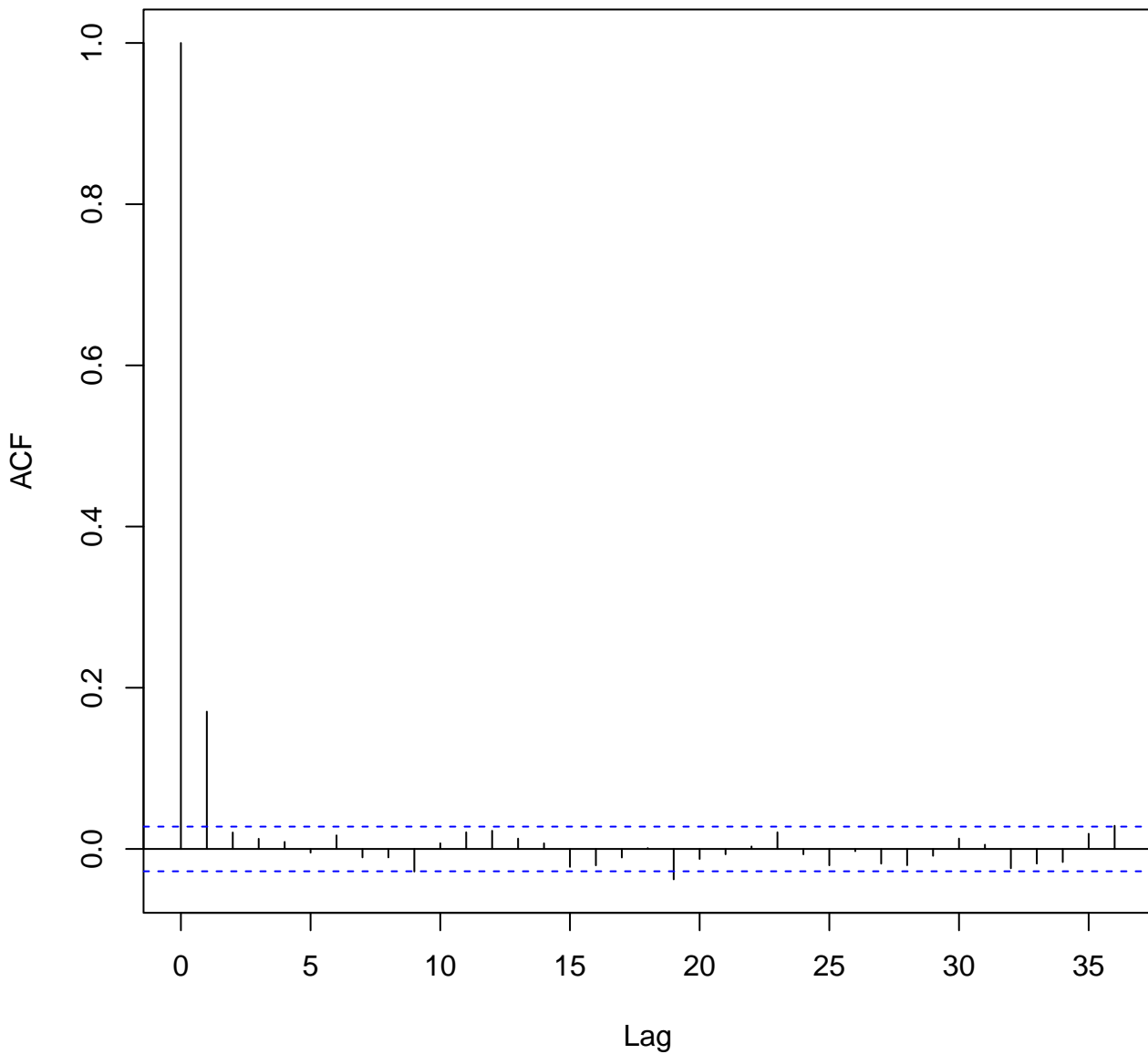
**X\_39 chain 5**



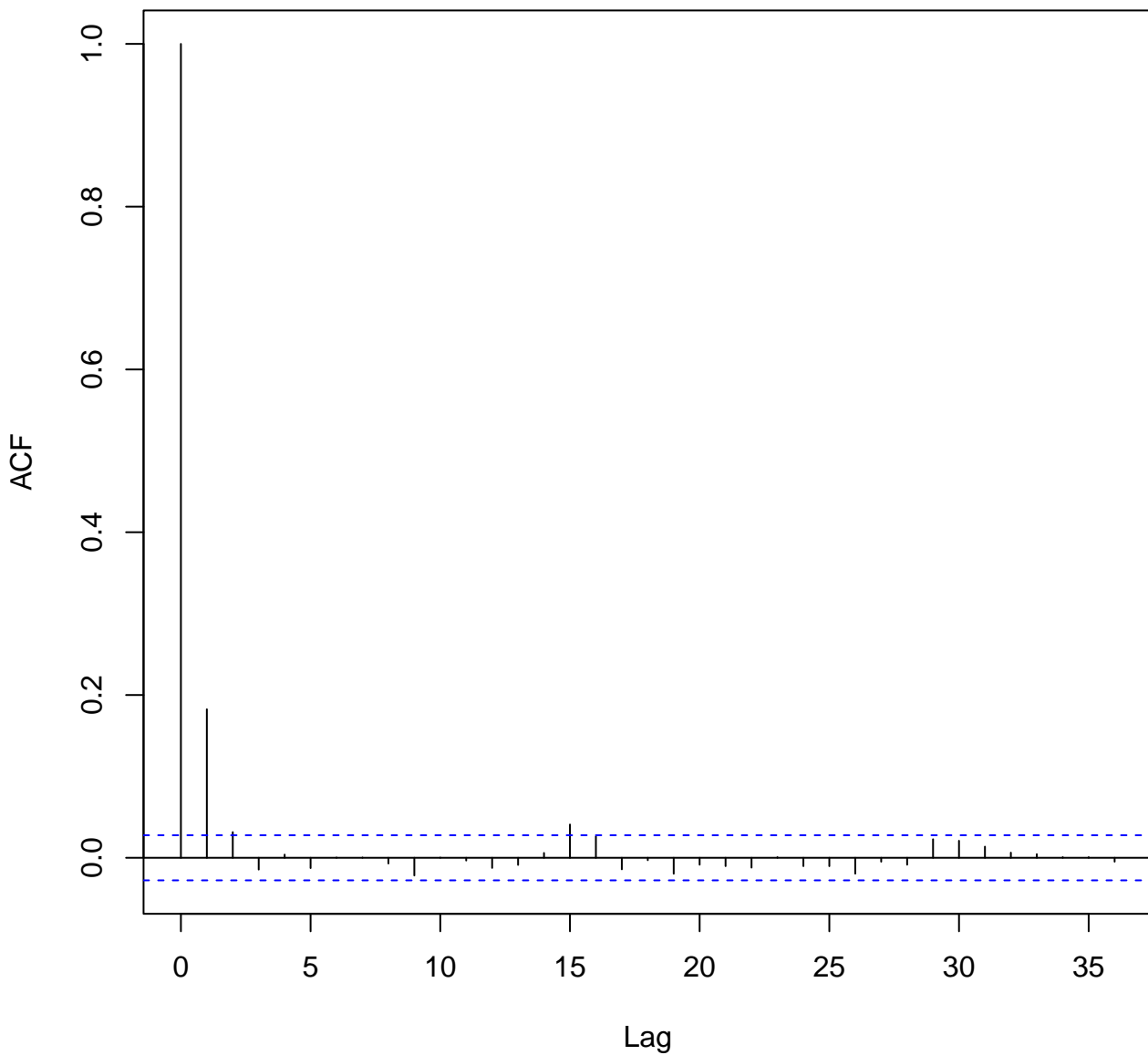
**X\_39 chain 6**



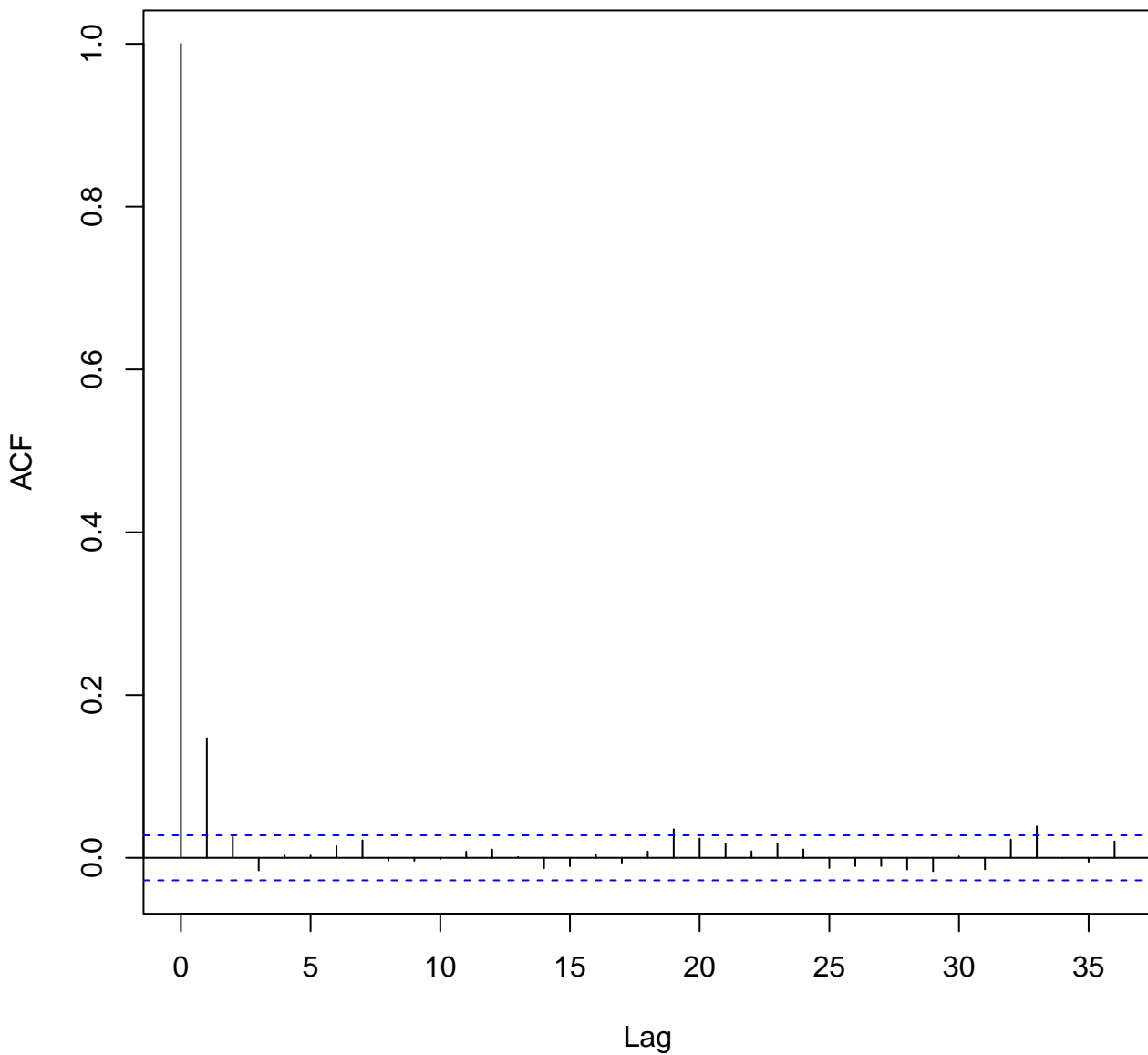
# X\_40 chain 1



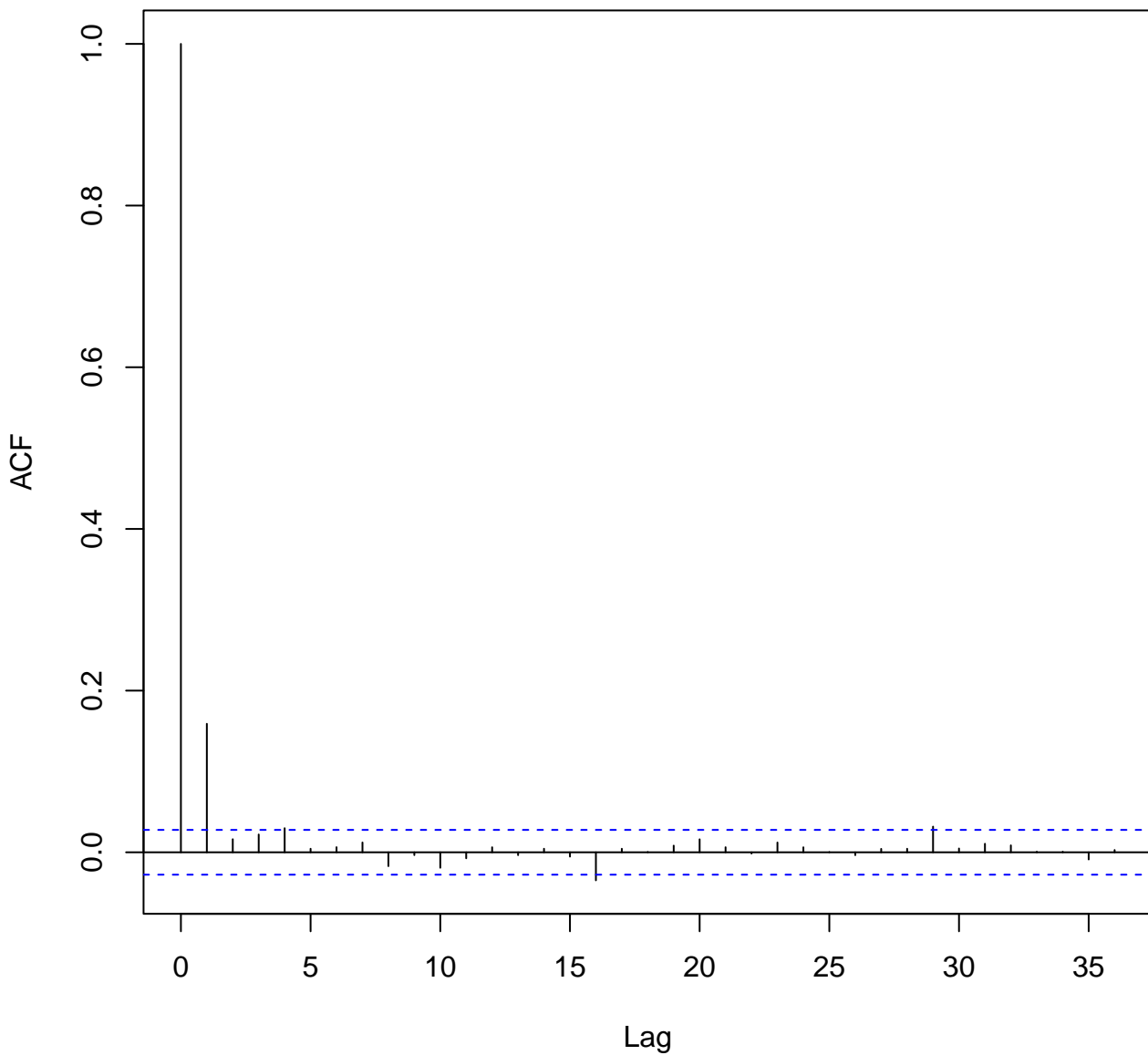
**X\_40 chain 2**



**X\_40 chain 3**

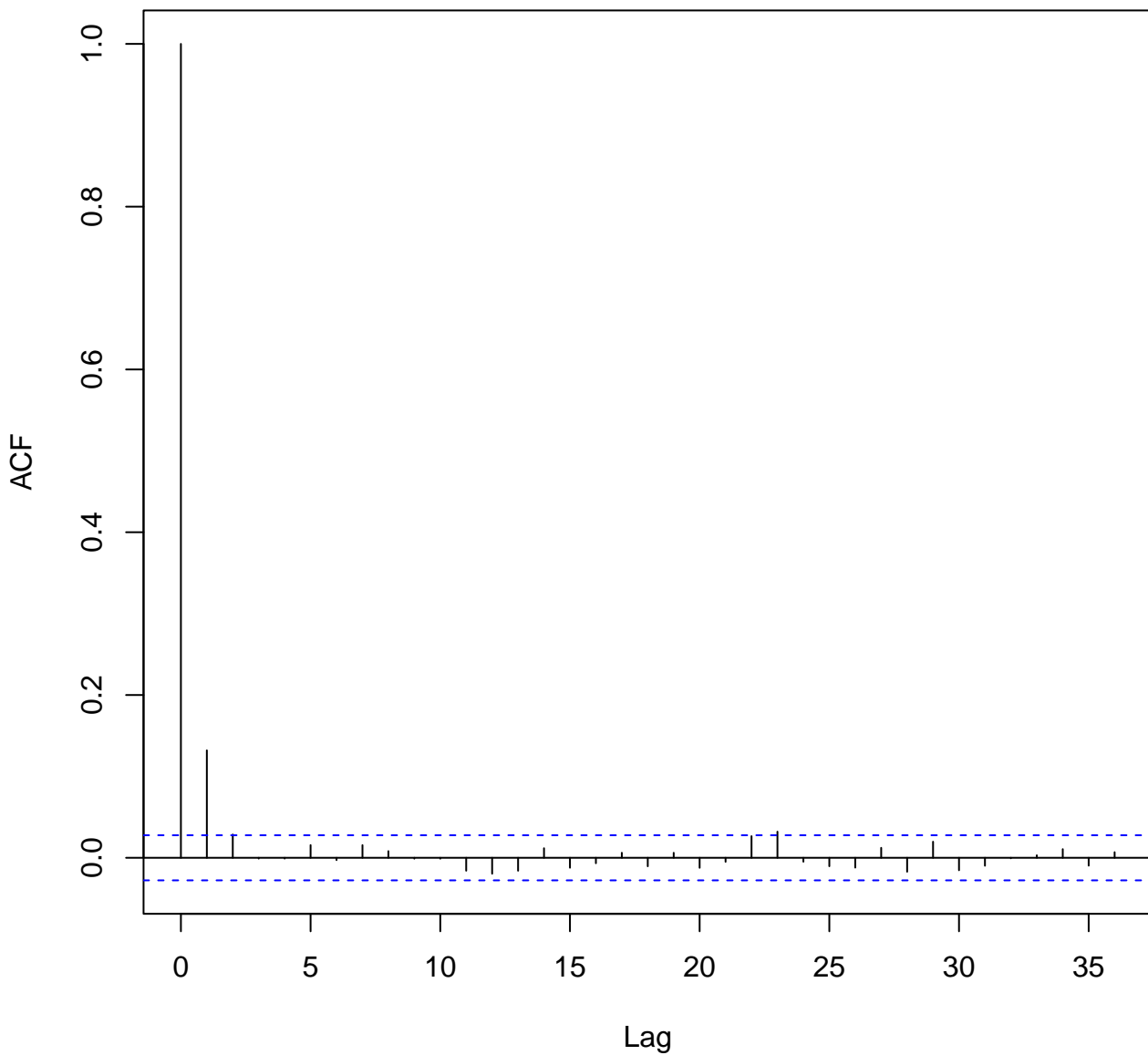


X\_40 chain 4

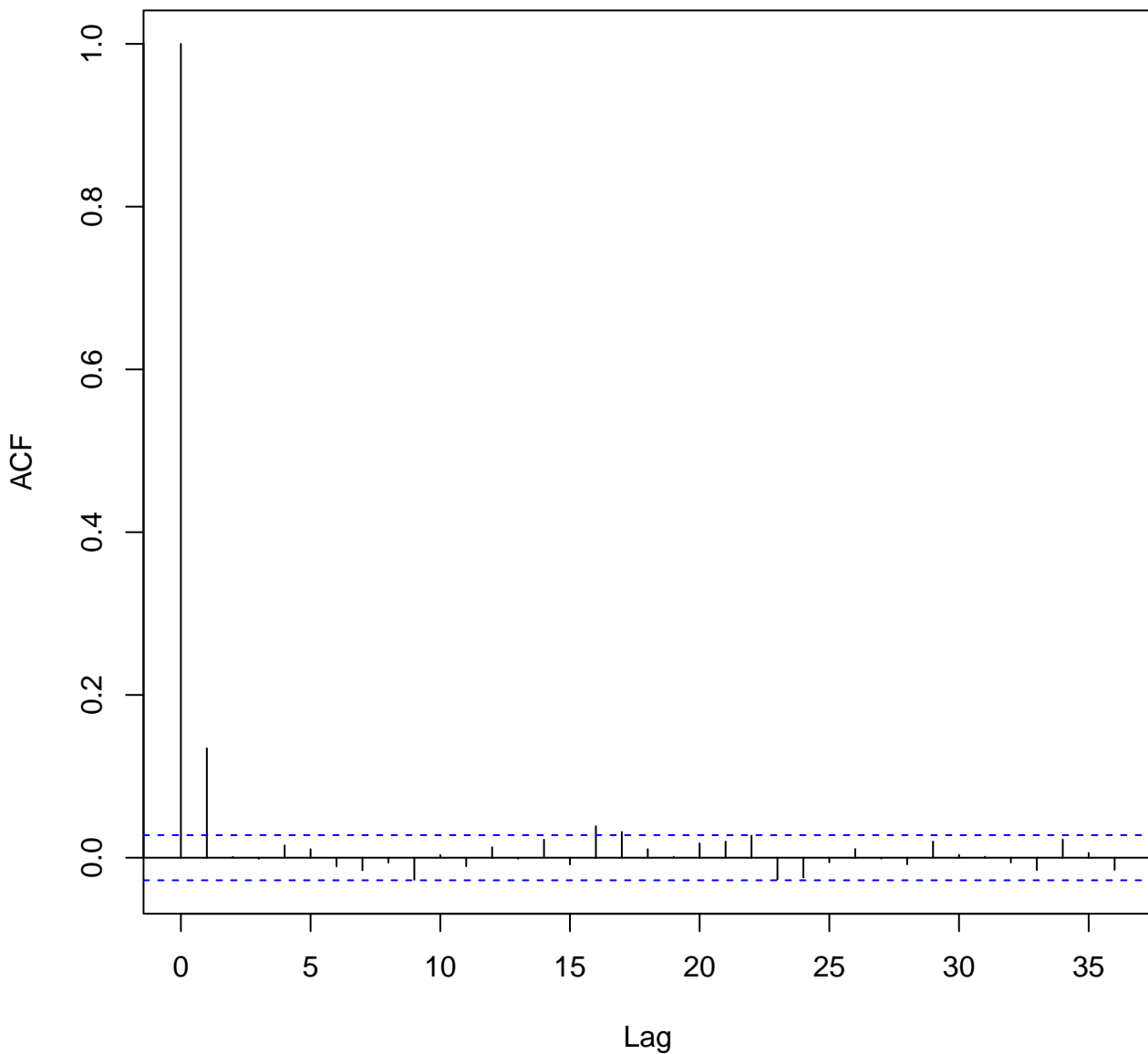




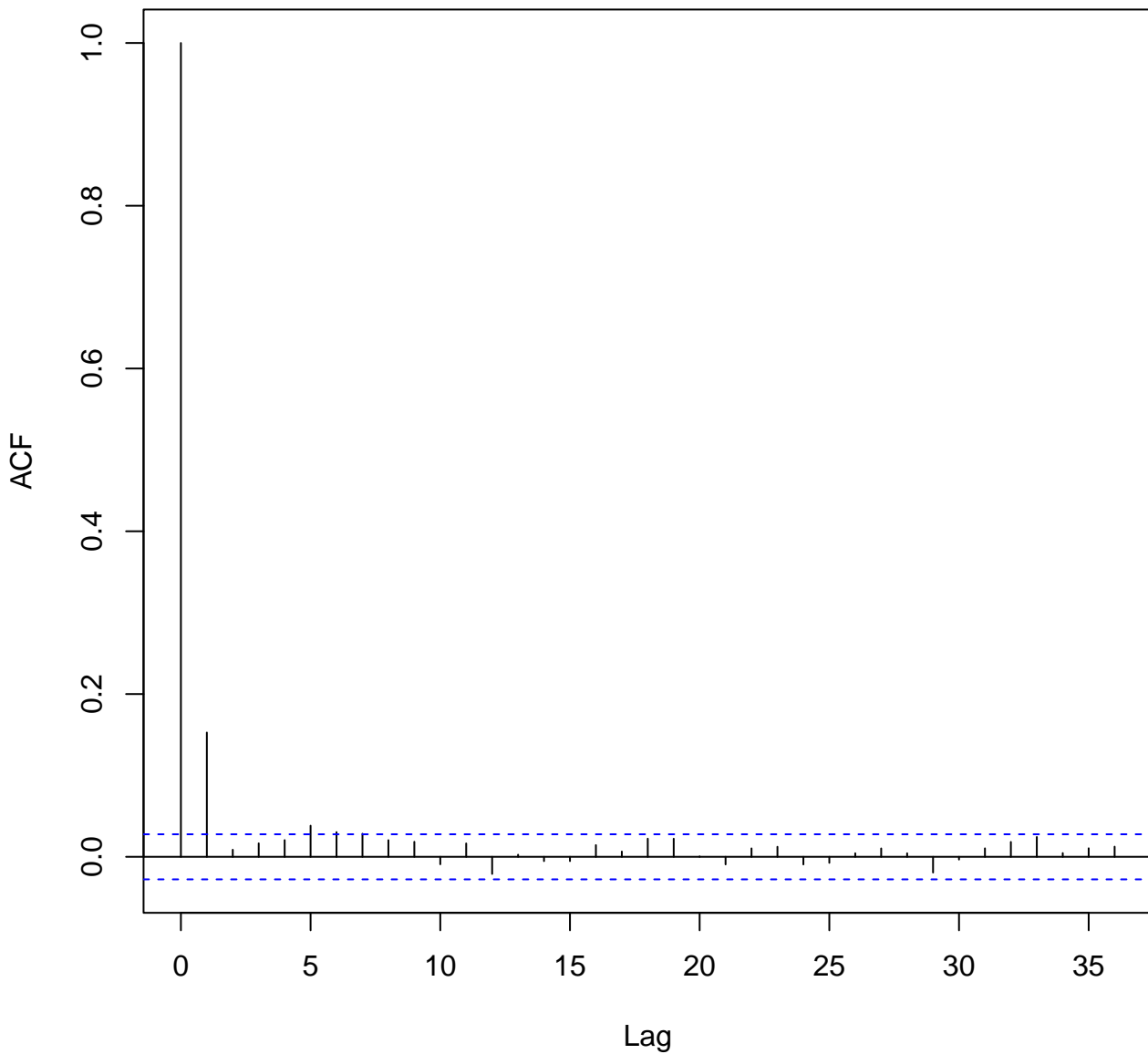
**X\_40 chain 5**



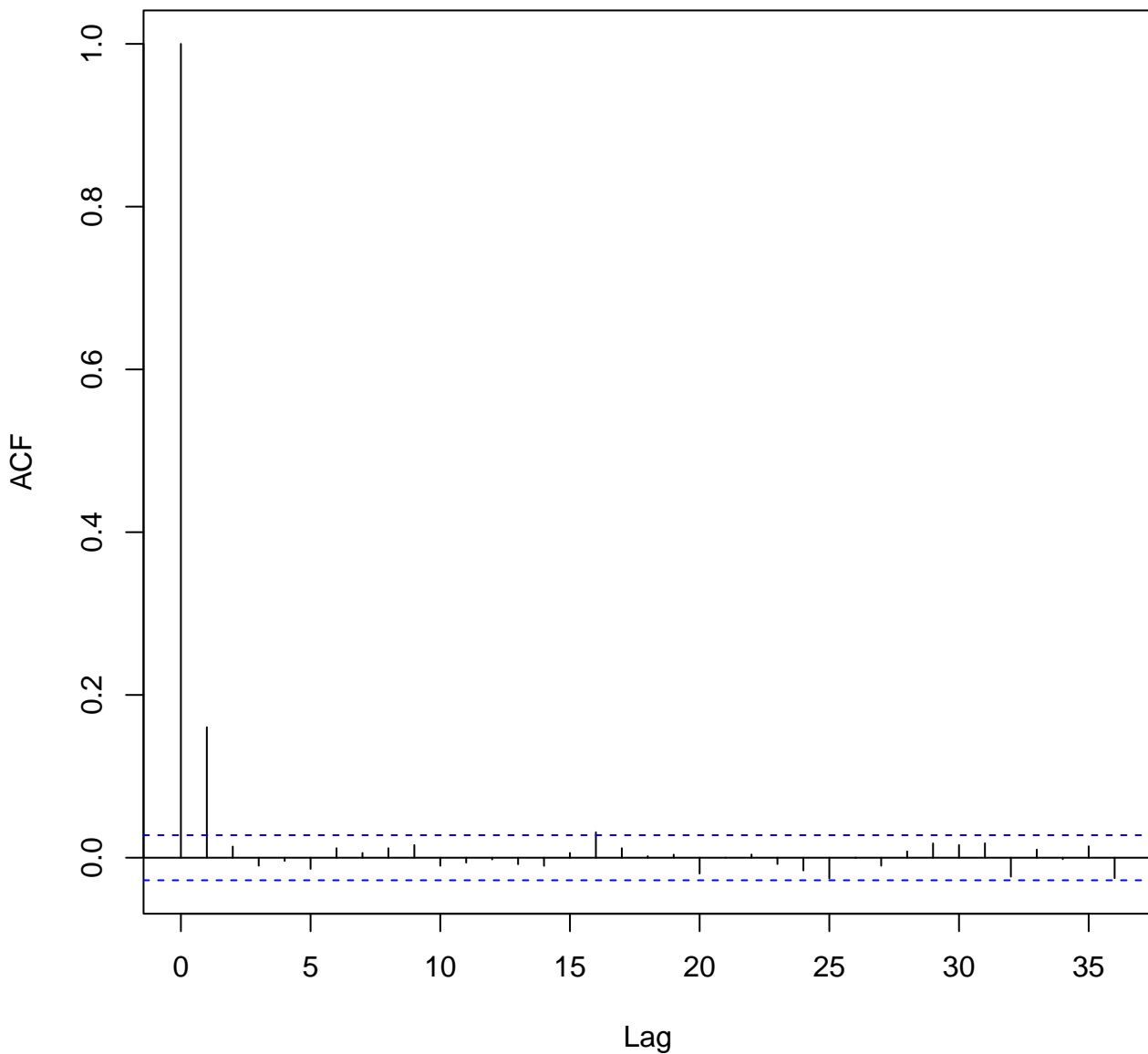
X\_40 chain 6



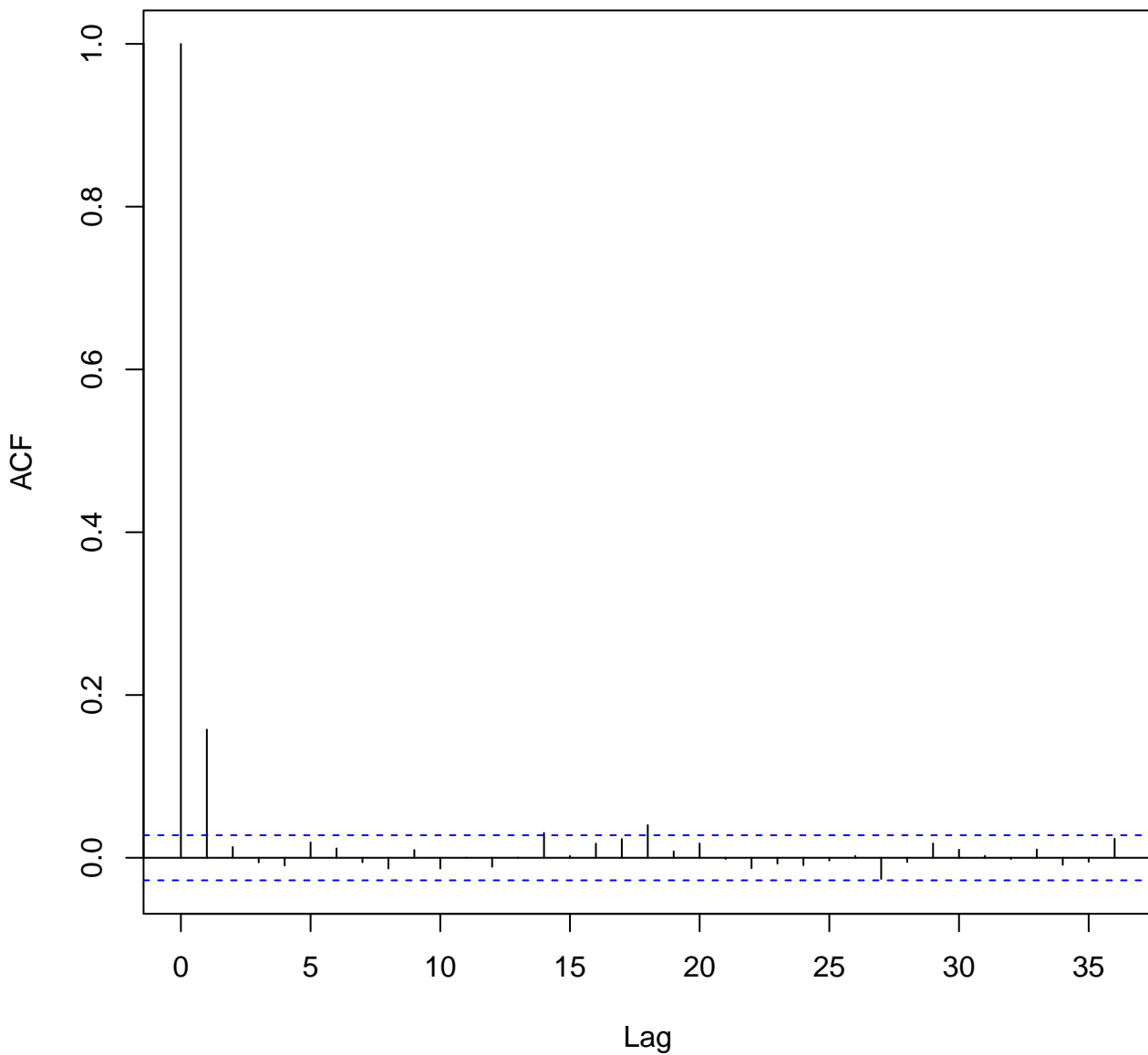
# X\_41 chain 1



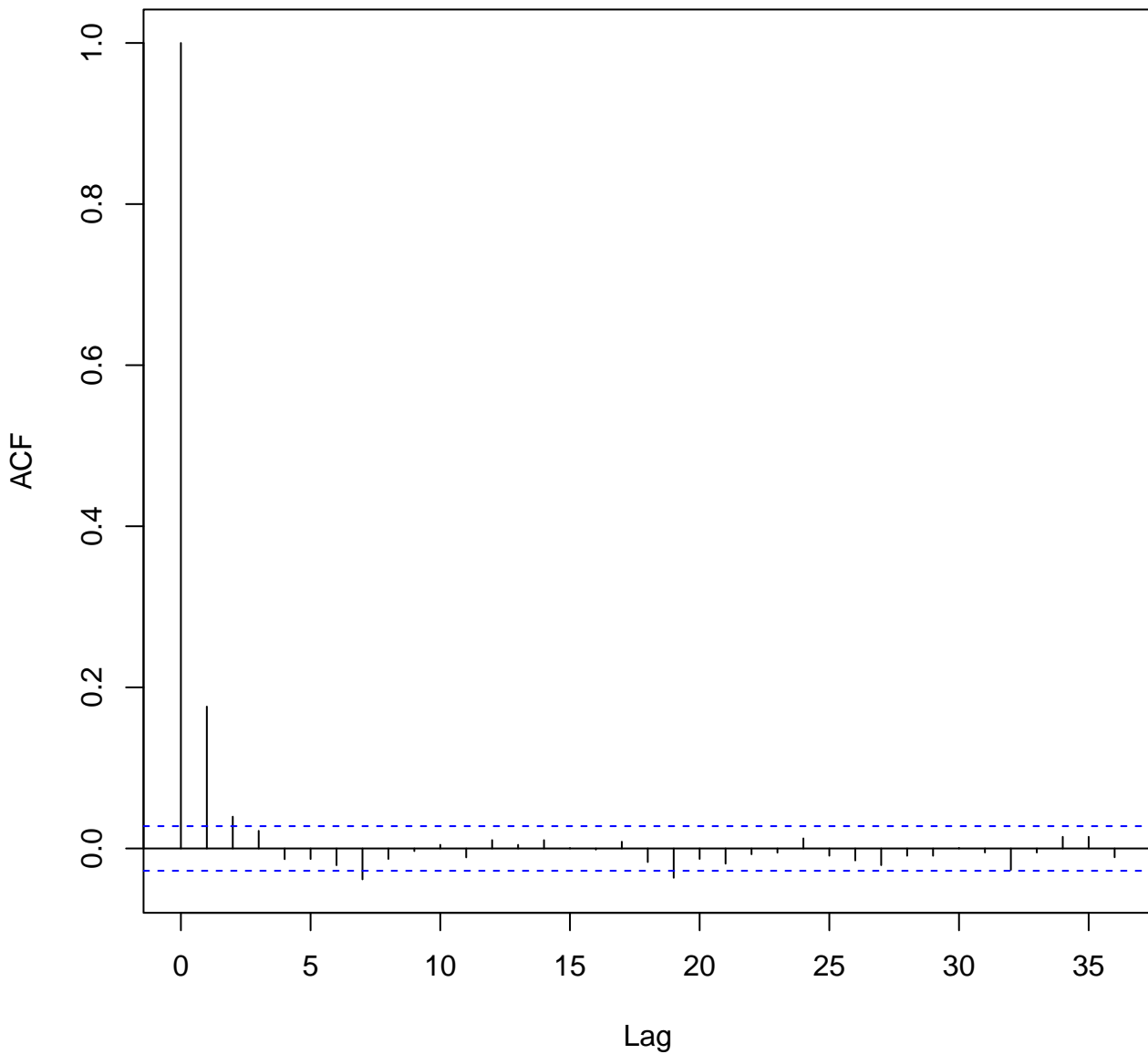
# X\_41 chain 2



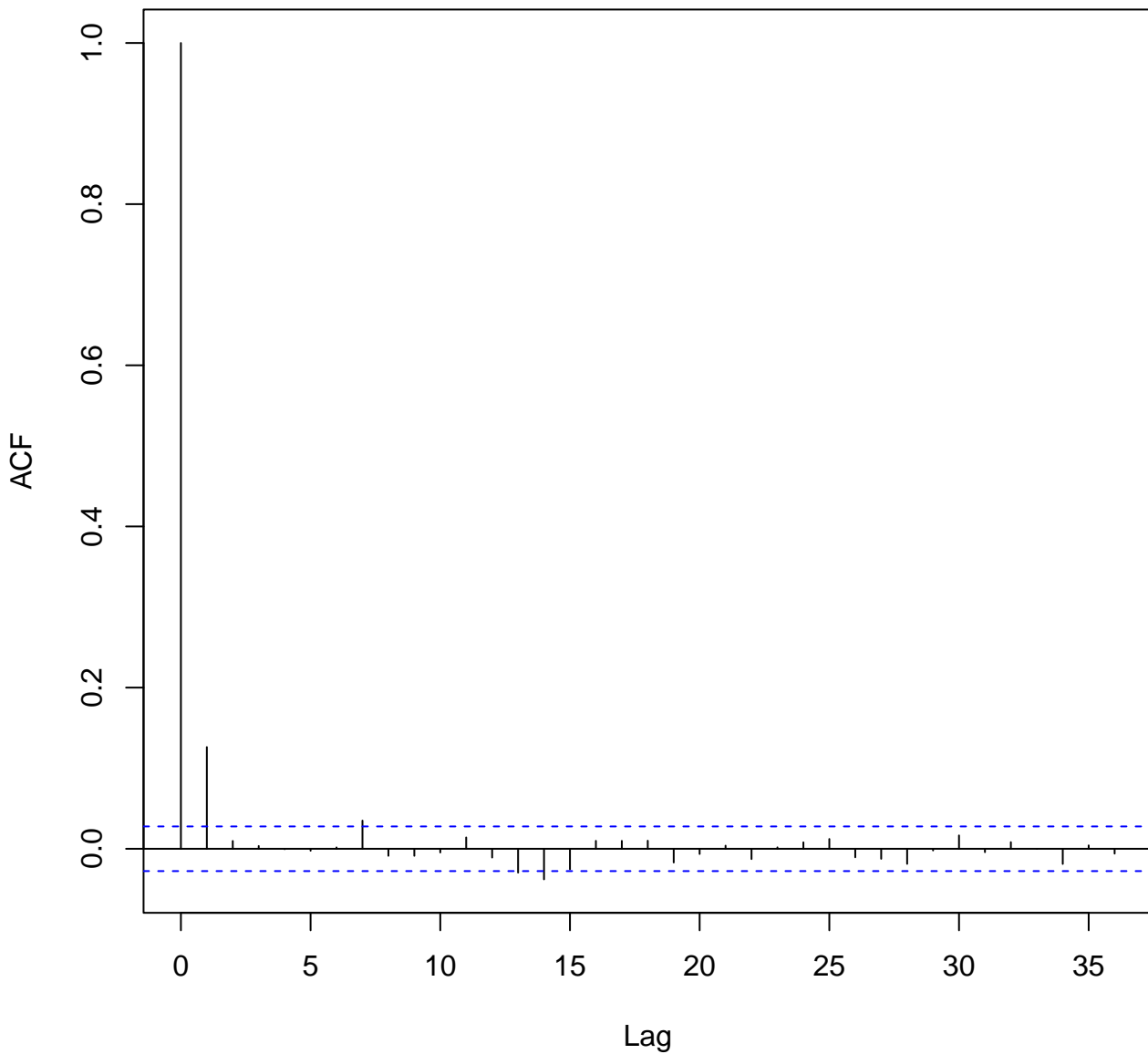
X\_41 chain 3



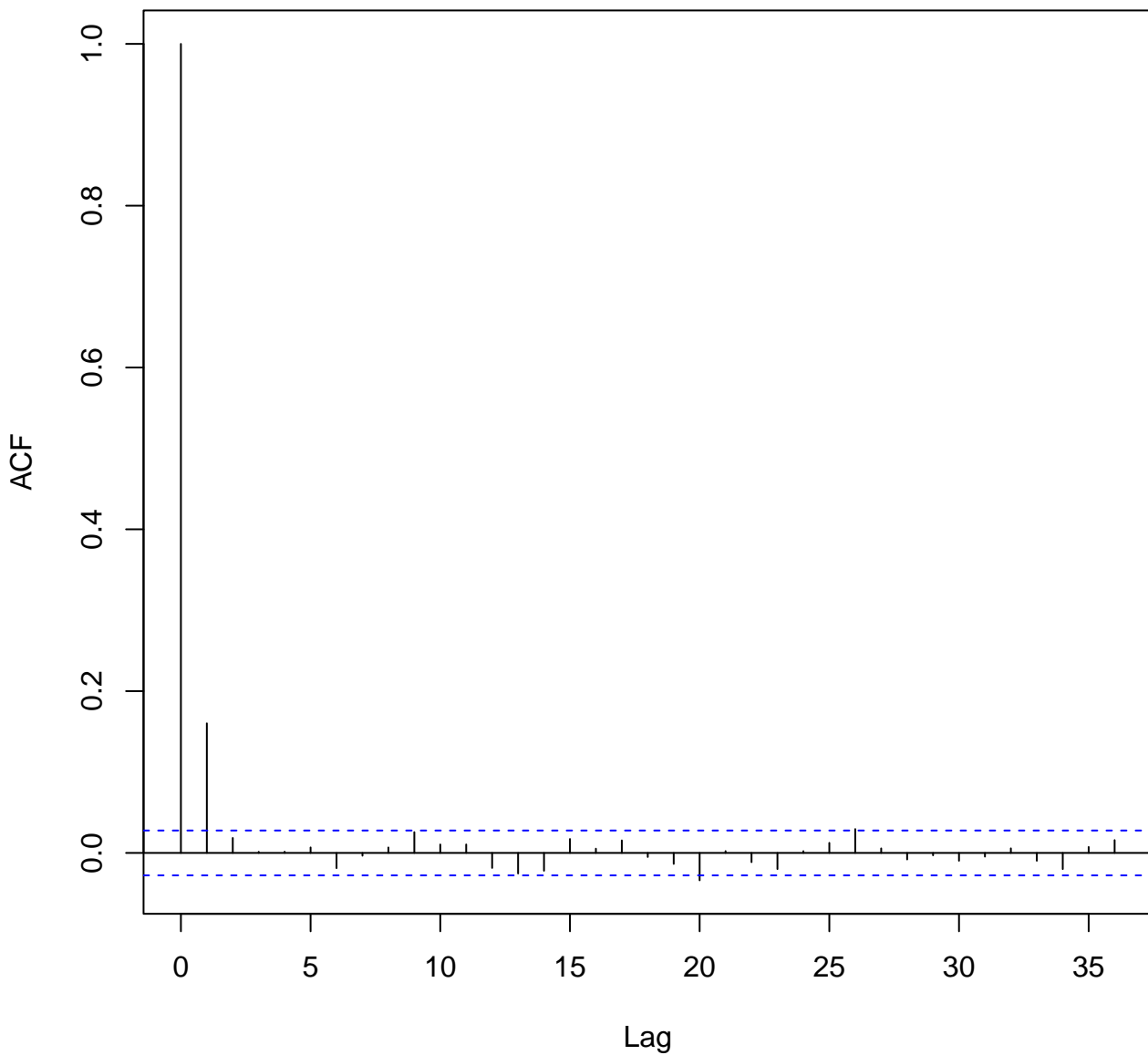
X\_41 chain 4



X\_41 chain 5

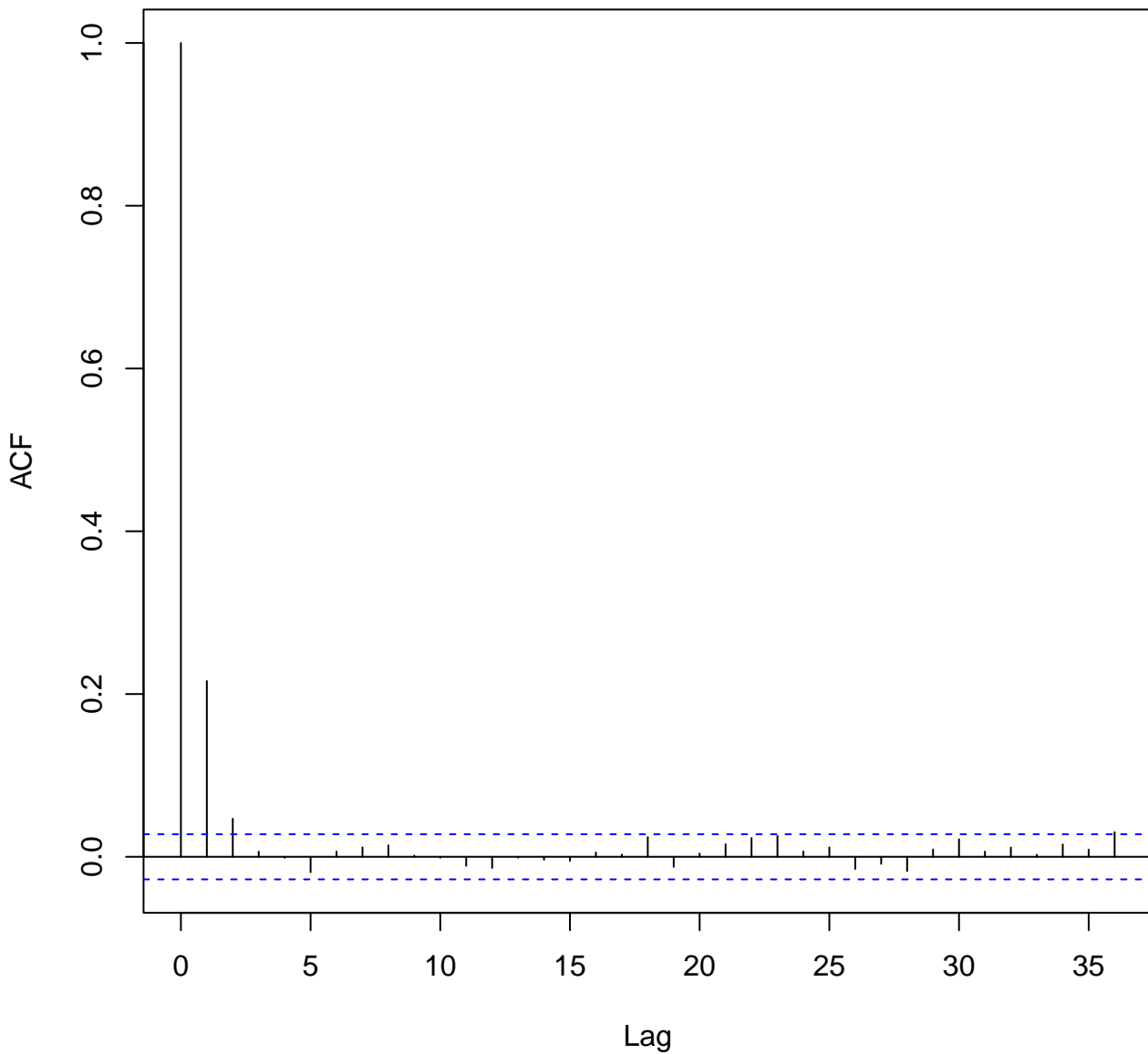


X\_41 chain 6

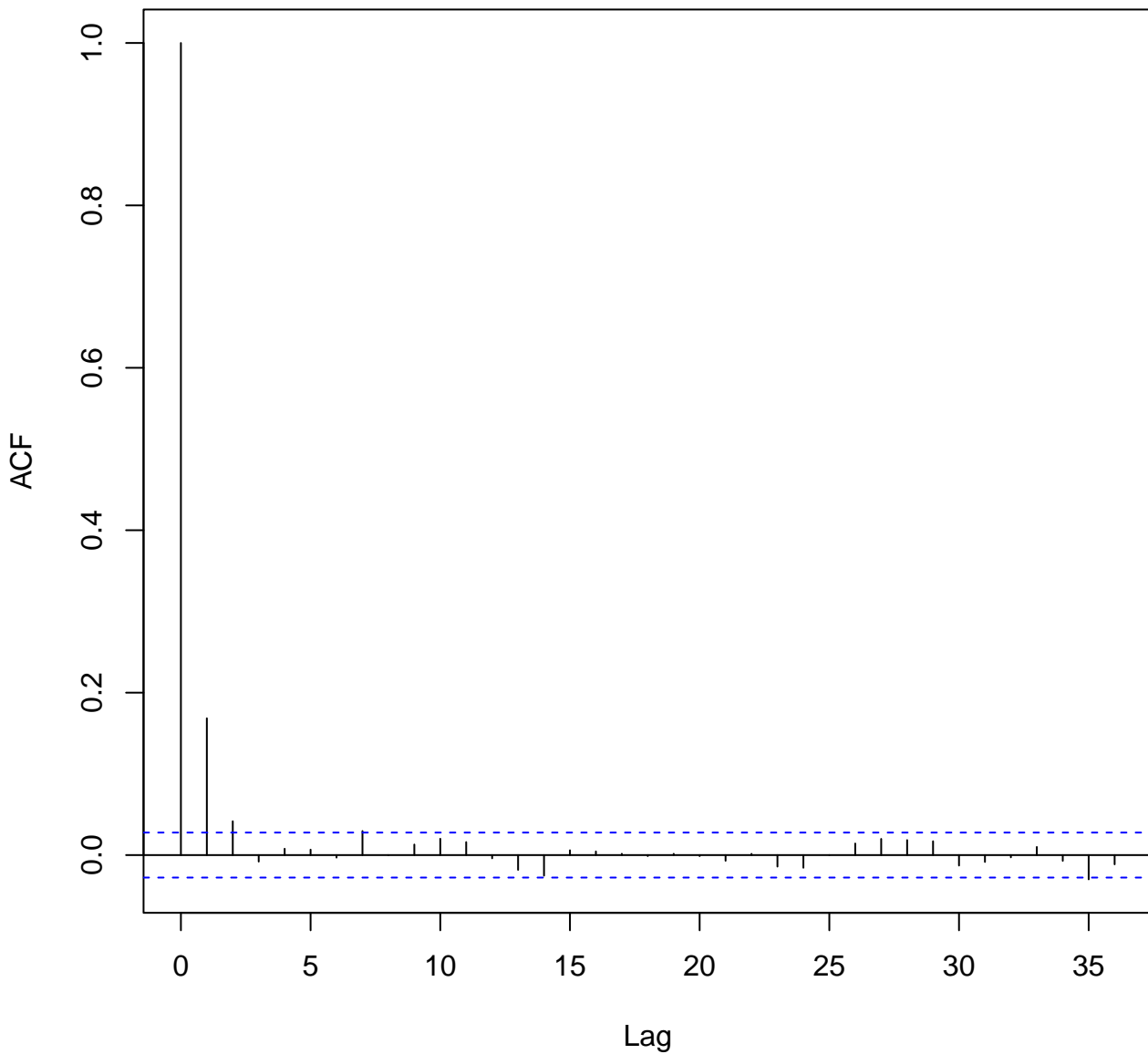




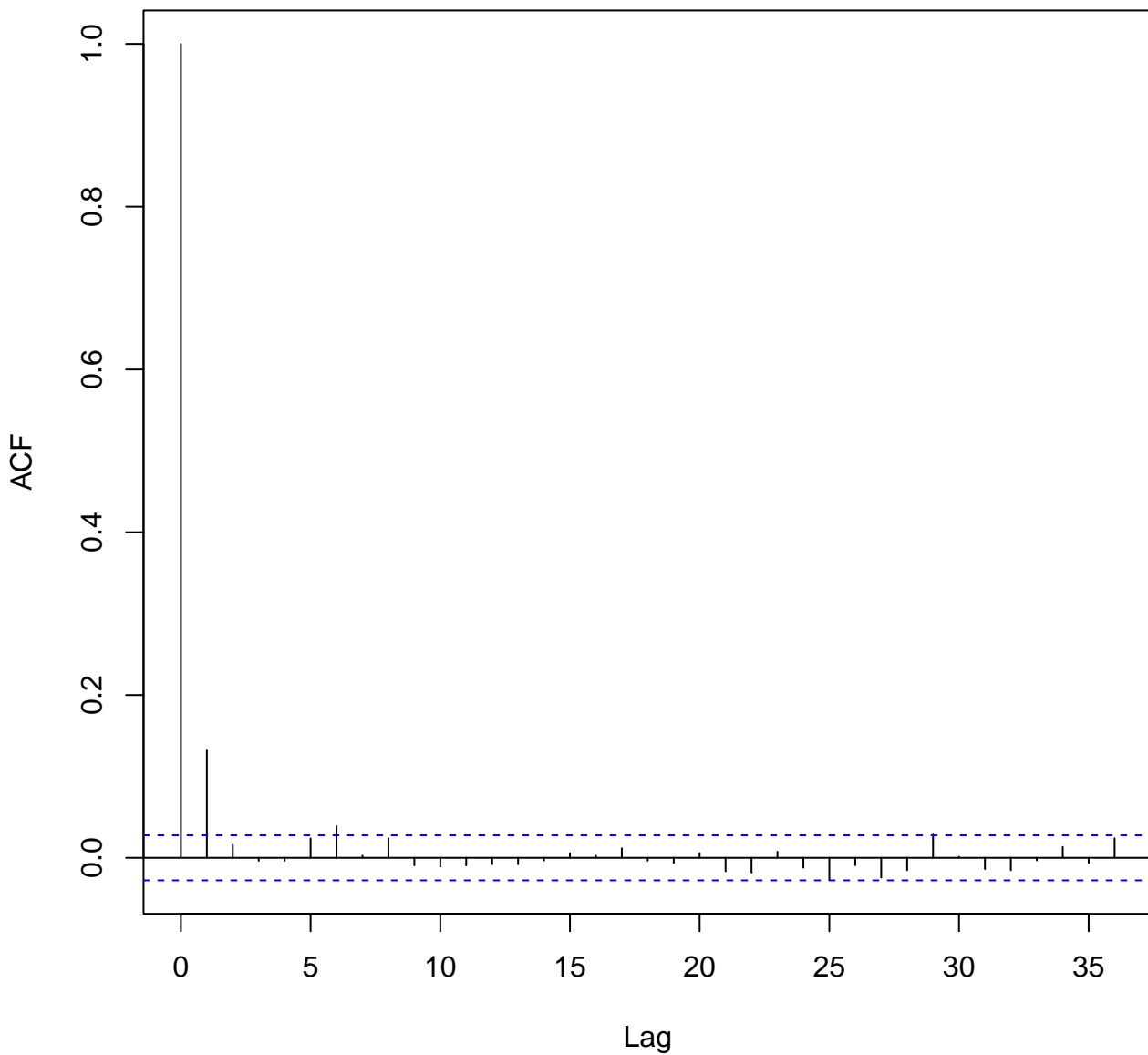
X\_42 chain 1



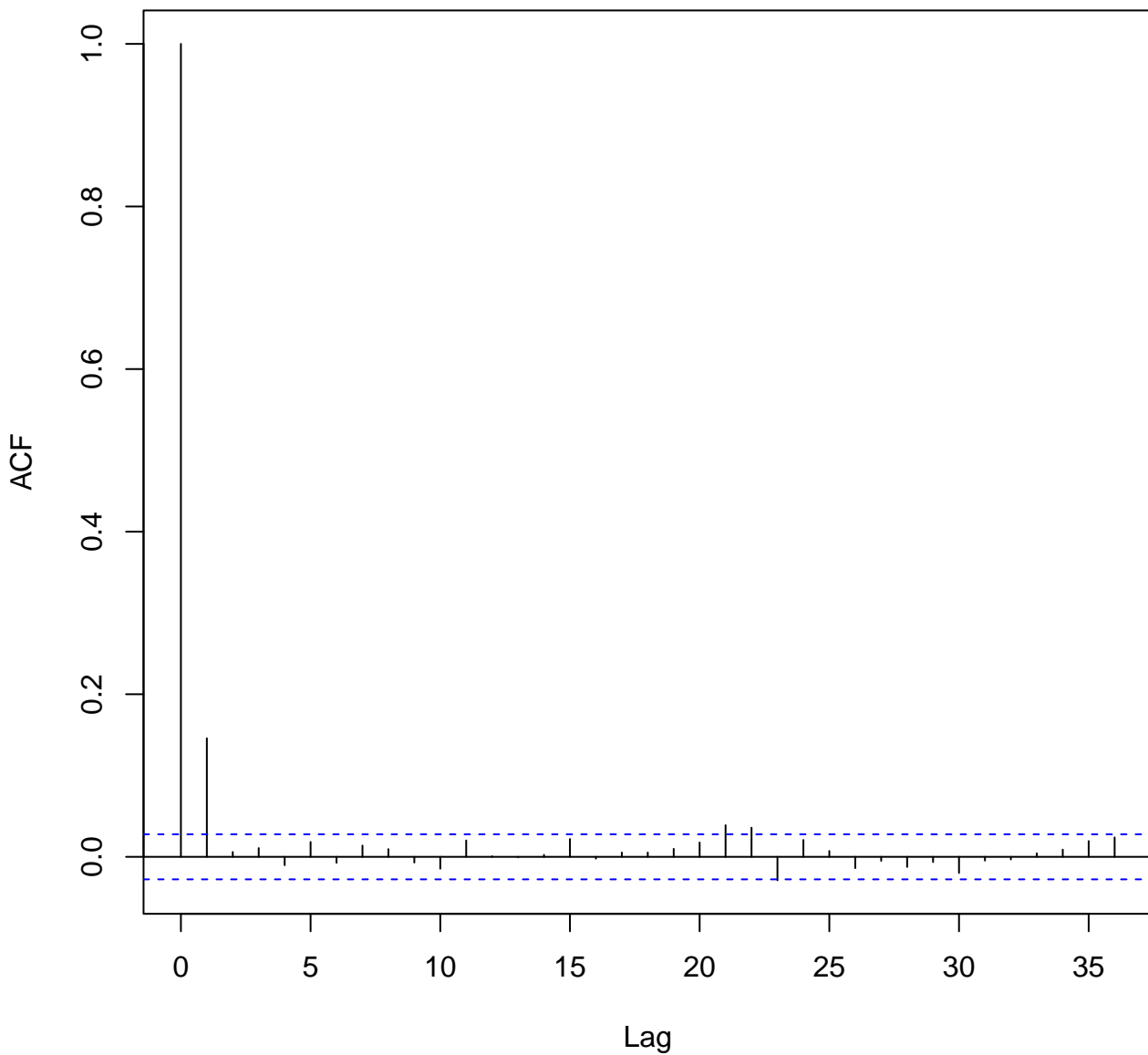
# X\_42 chain 2



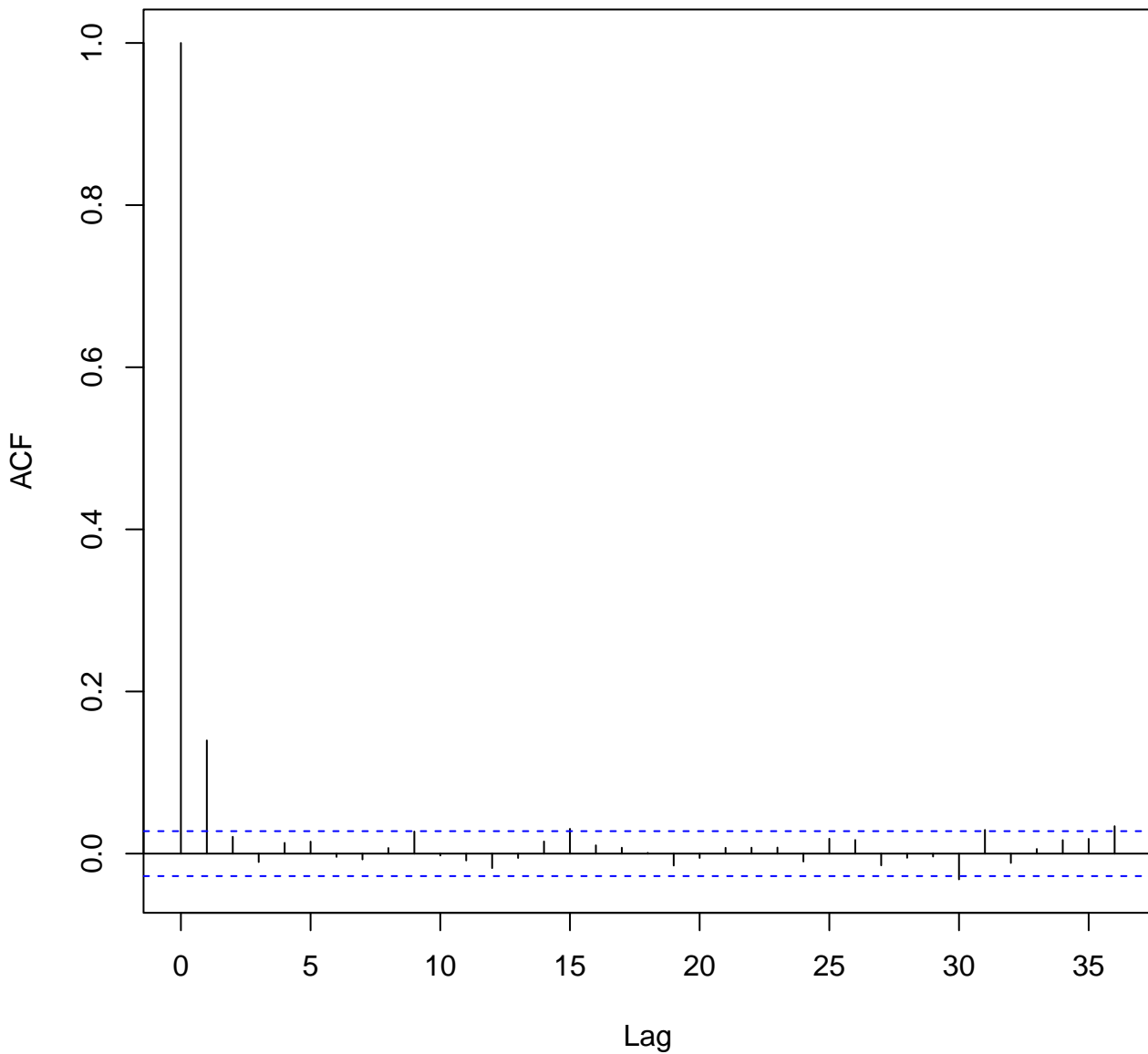
X\_42 chain 3



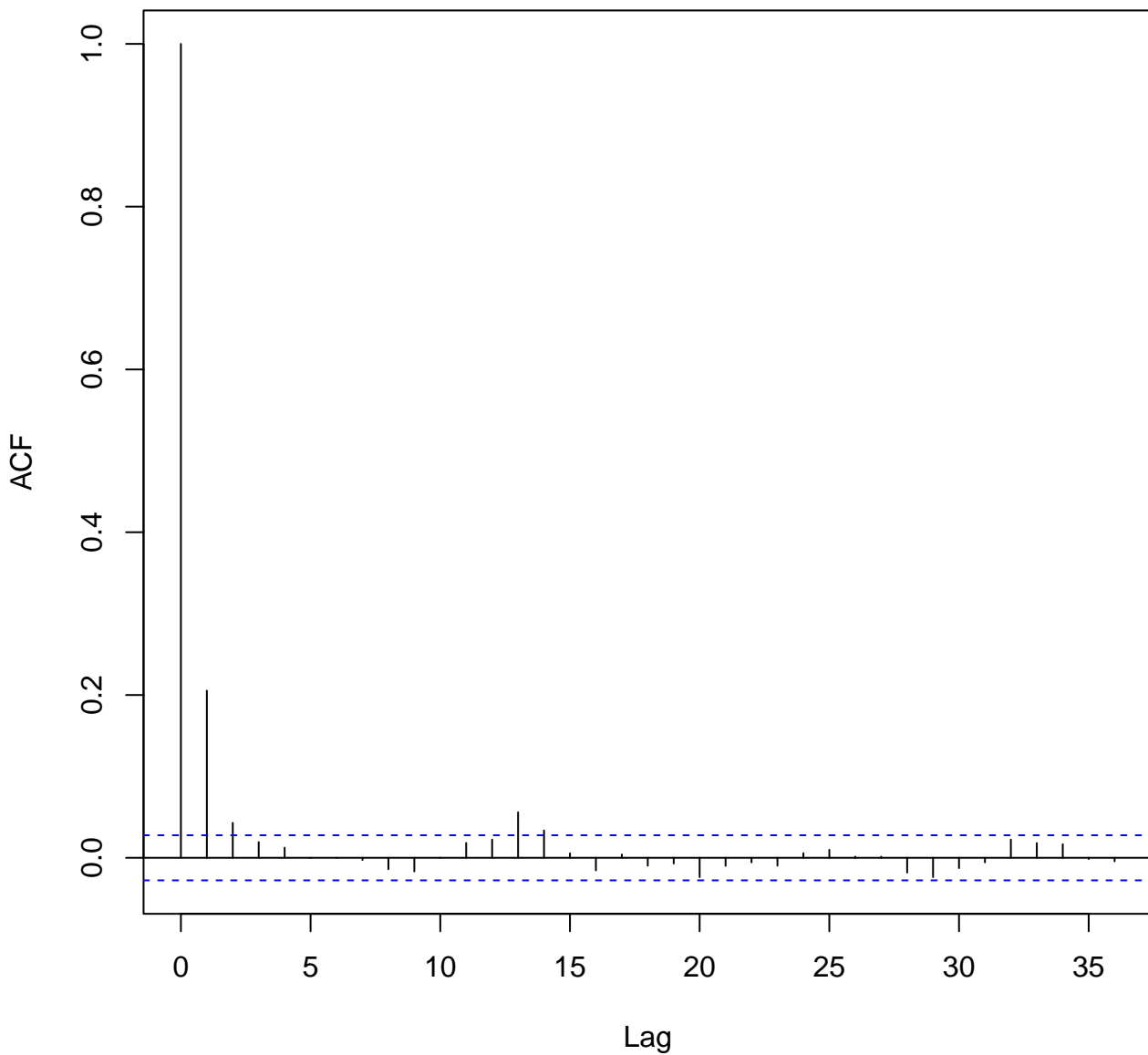
X\_42 chain 4



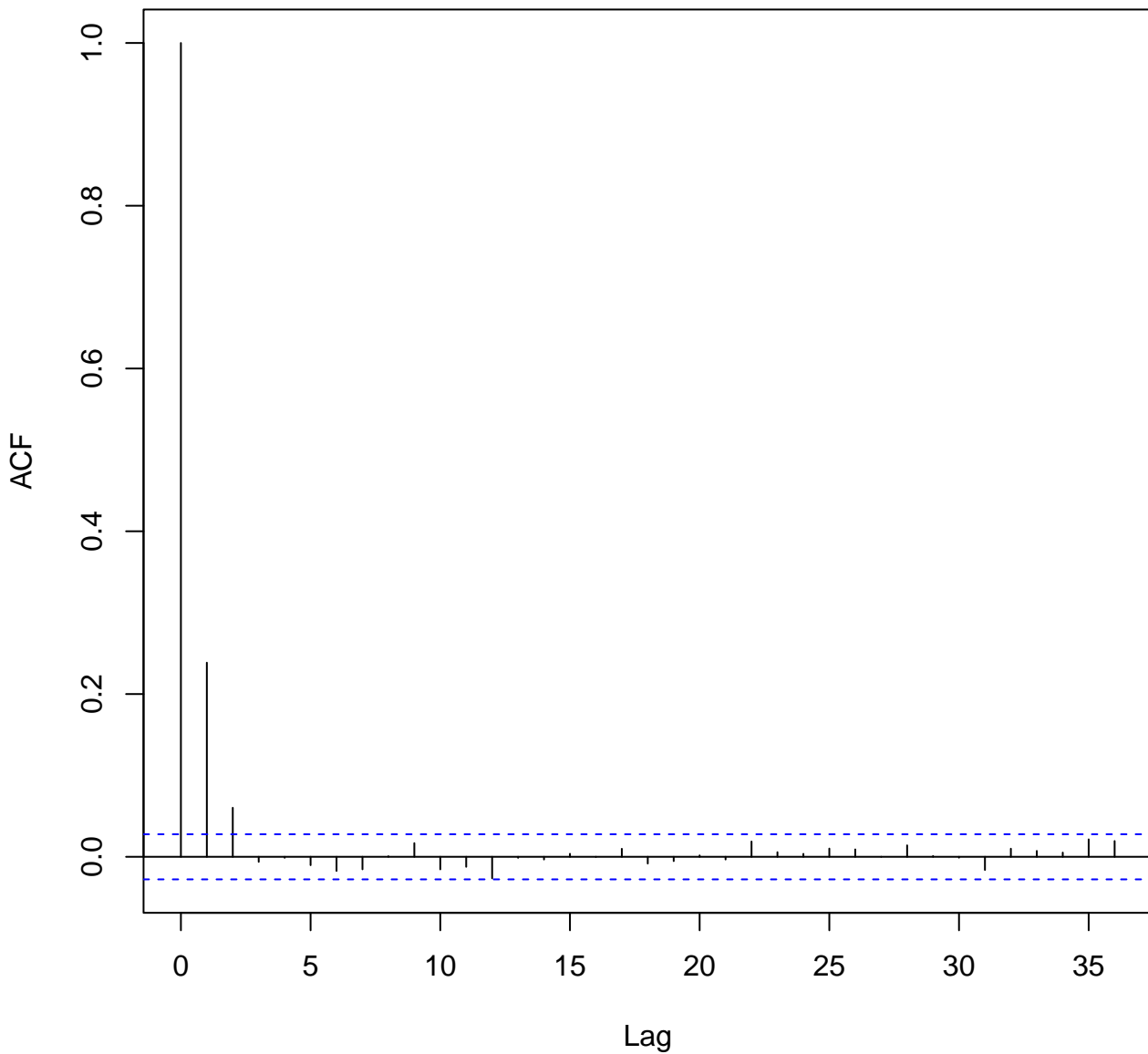
X\_42 chain 5



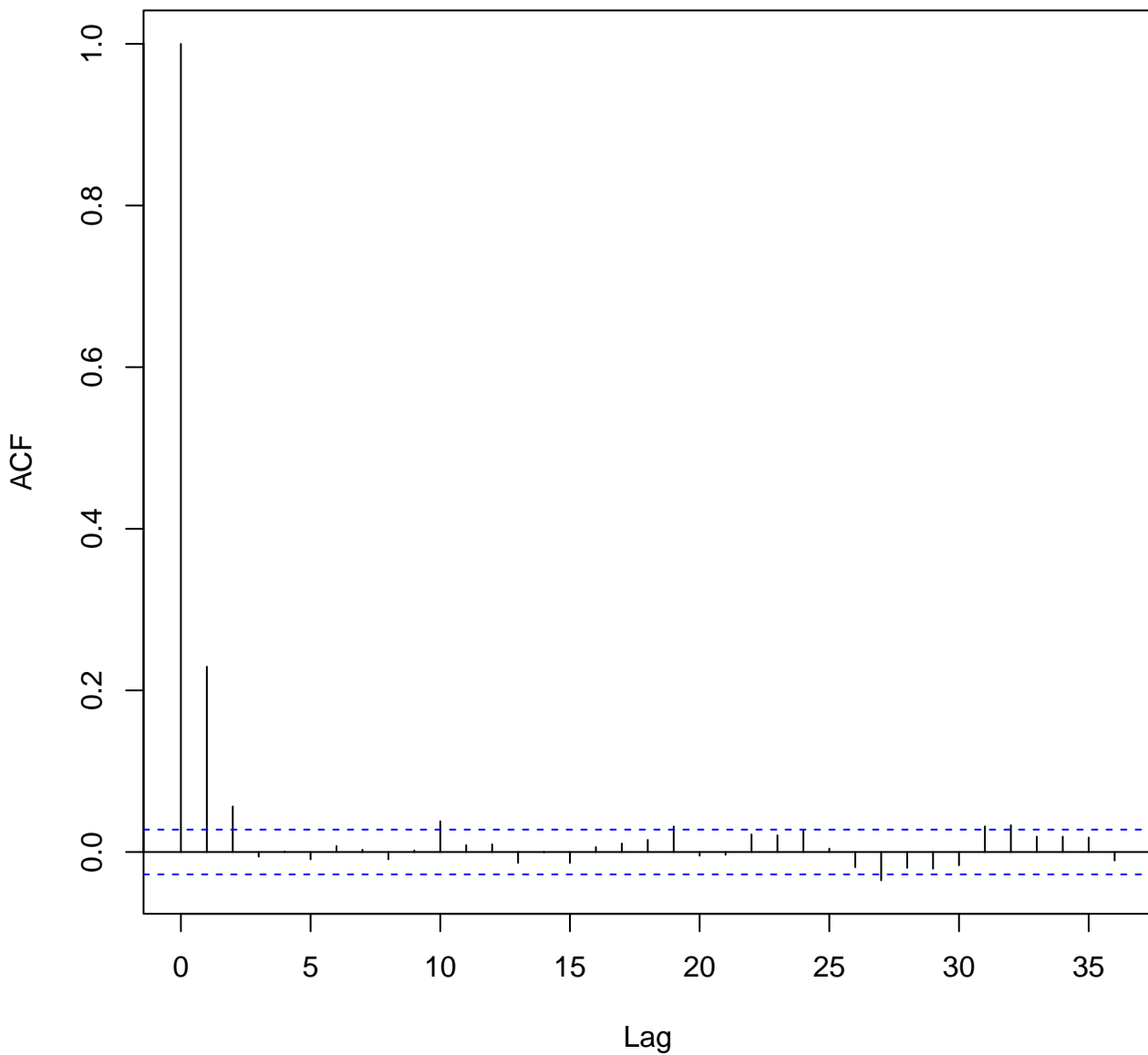
X\_42 chain 6



**X\_43 chain 1**

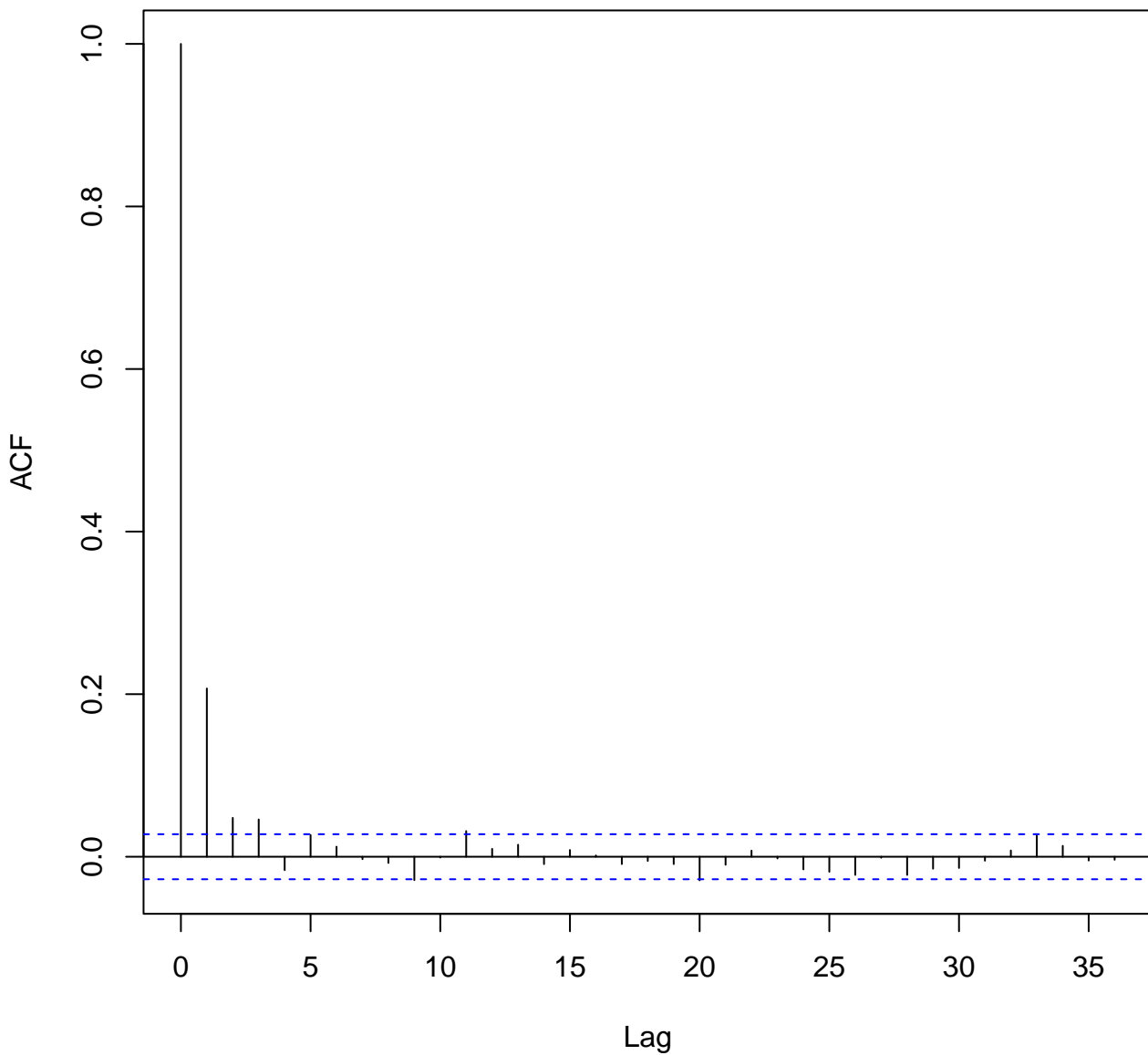


# X\_43 chain 2

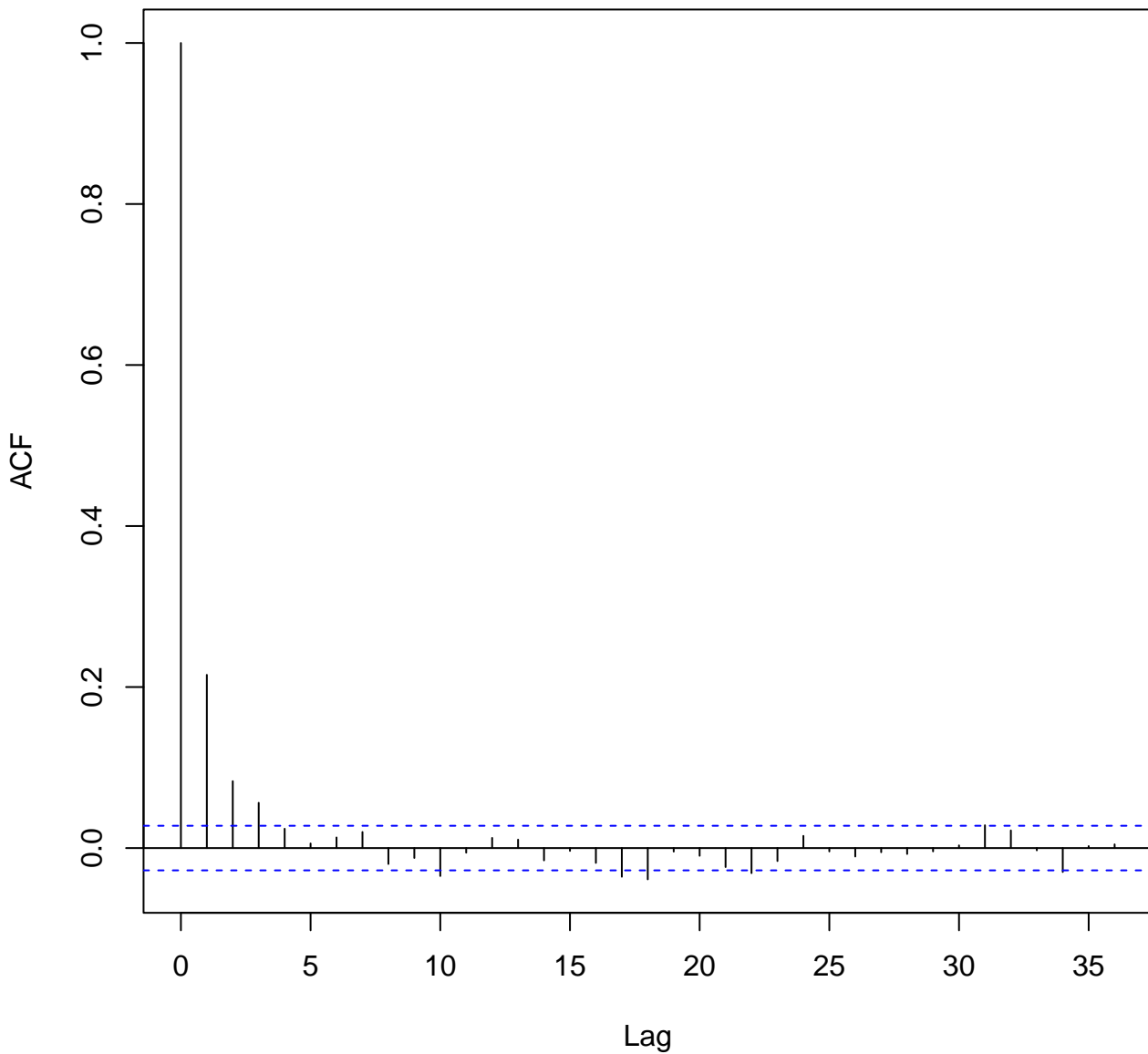




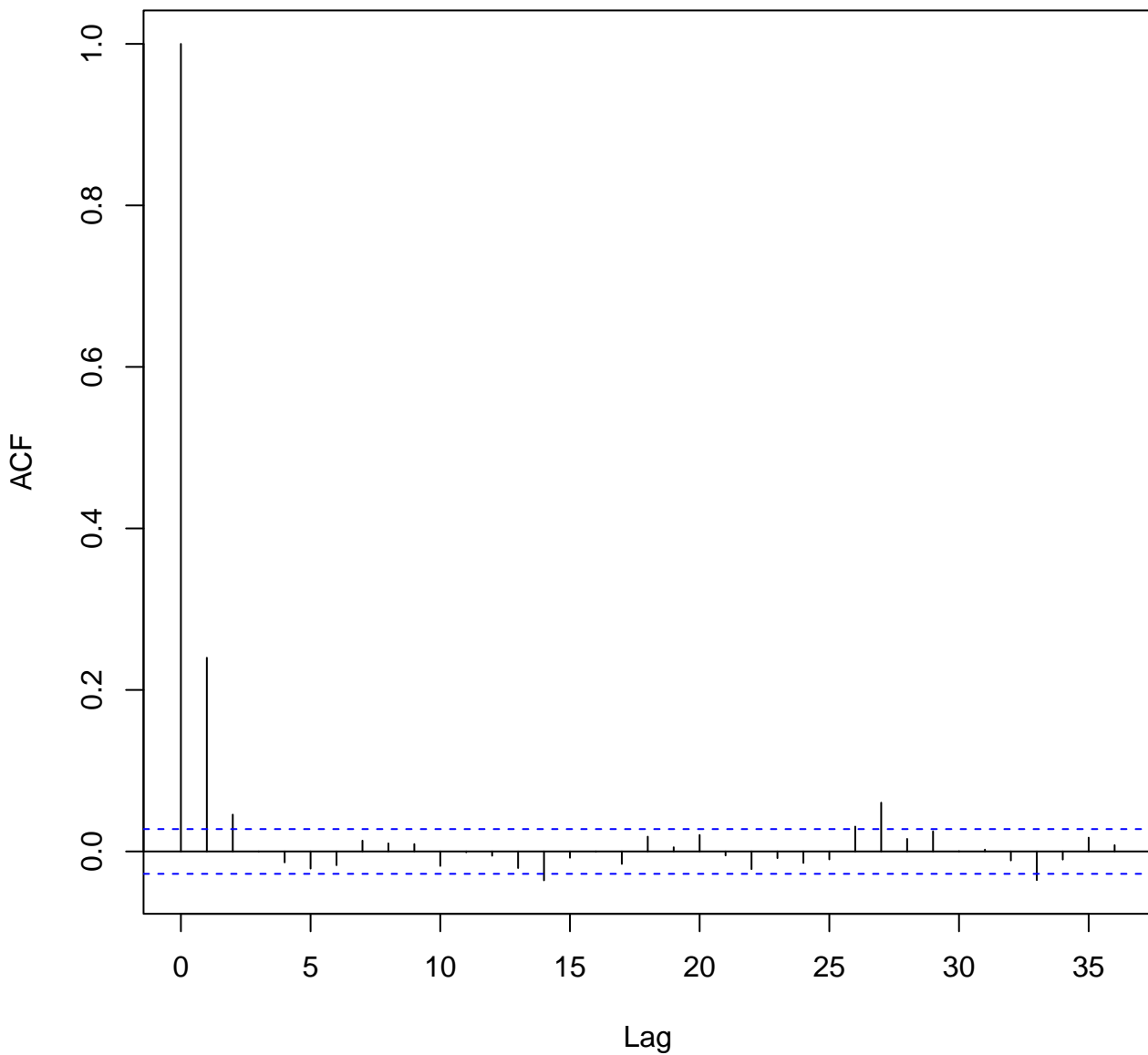
**X\_43 chain 3**



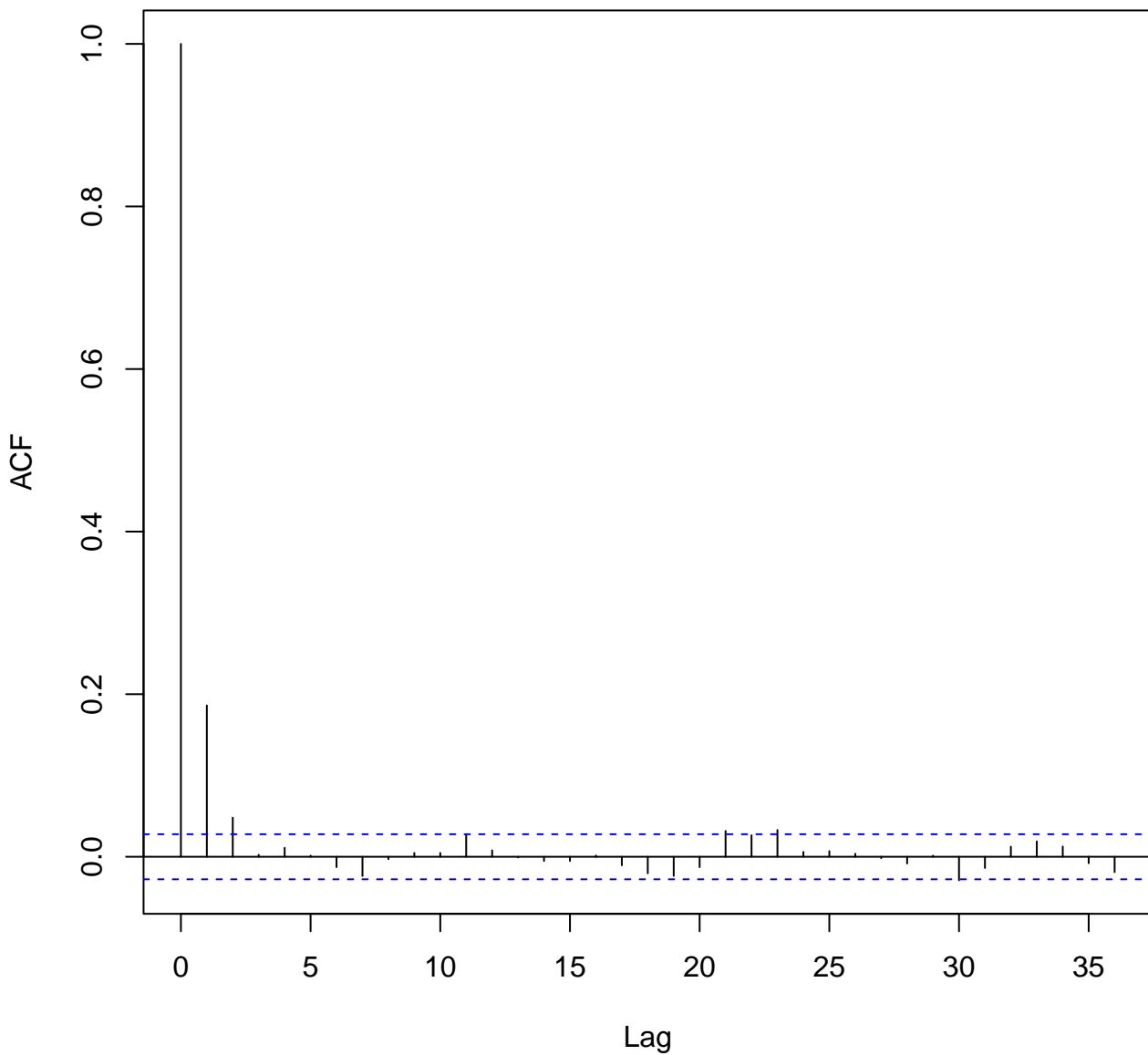
# X\_43 chain 4



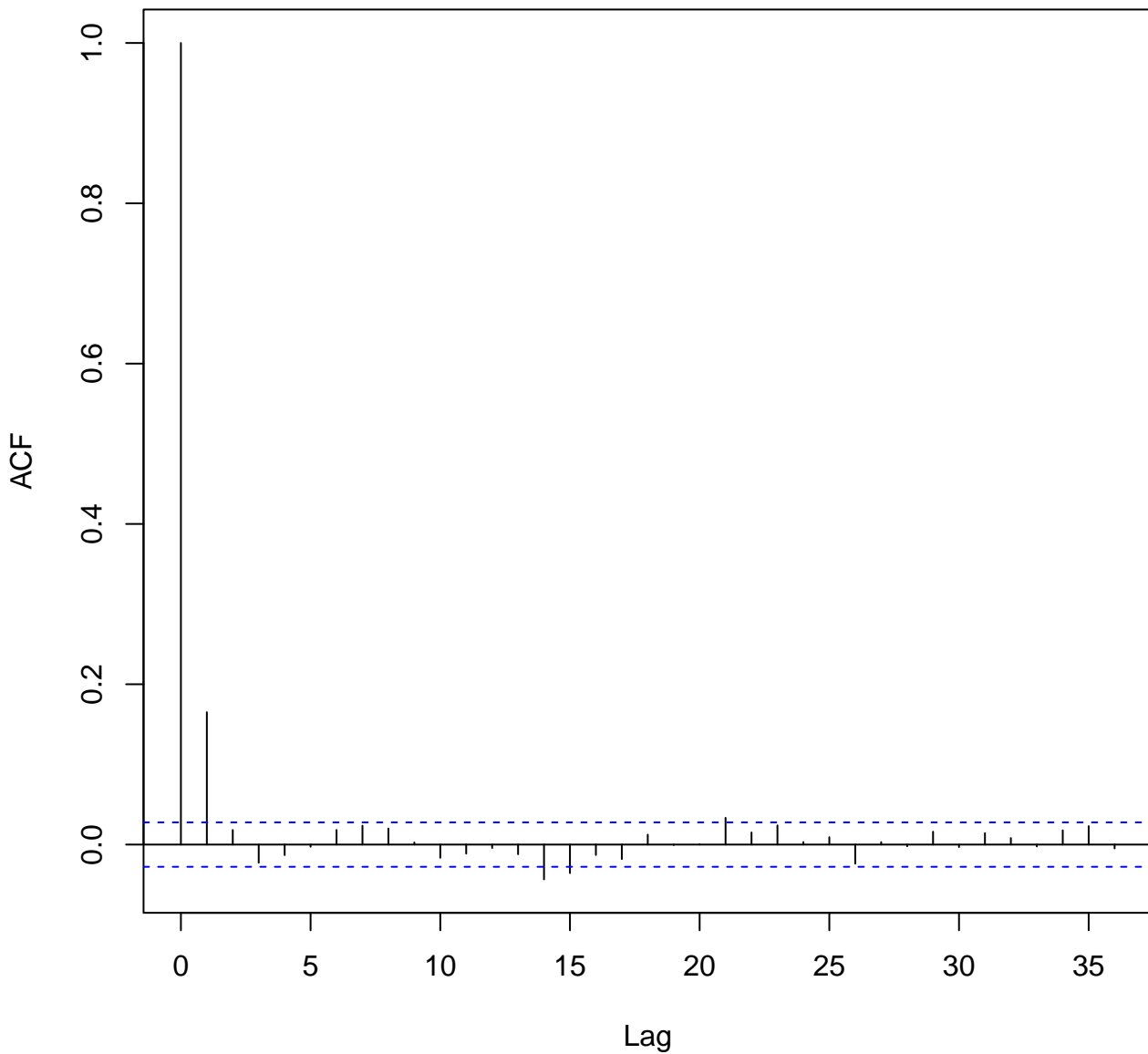
# X\_43 chain 5



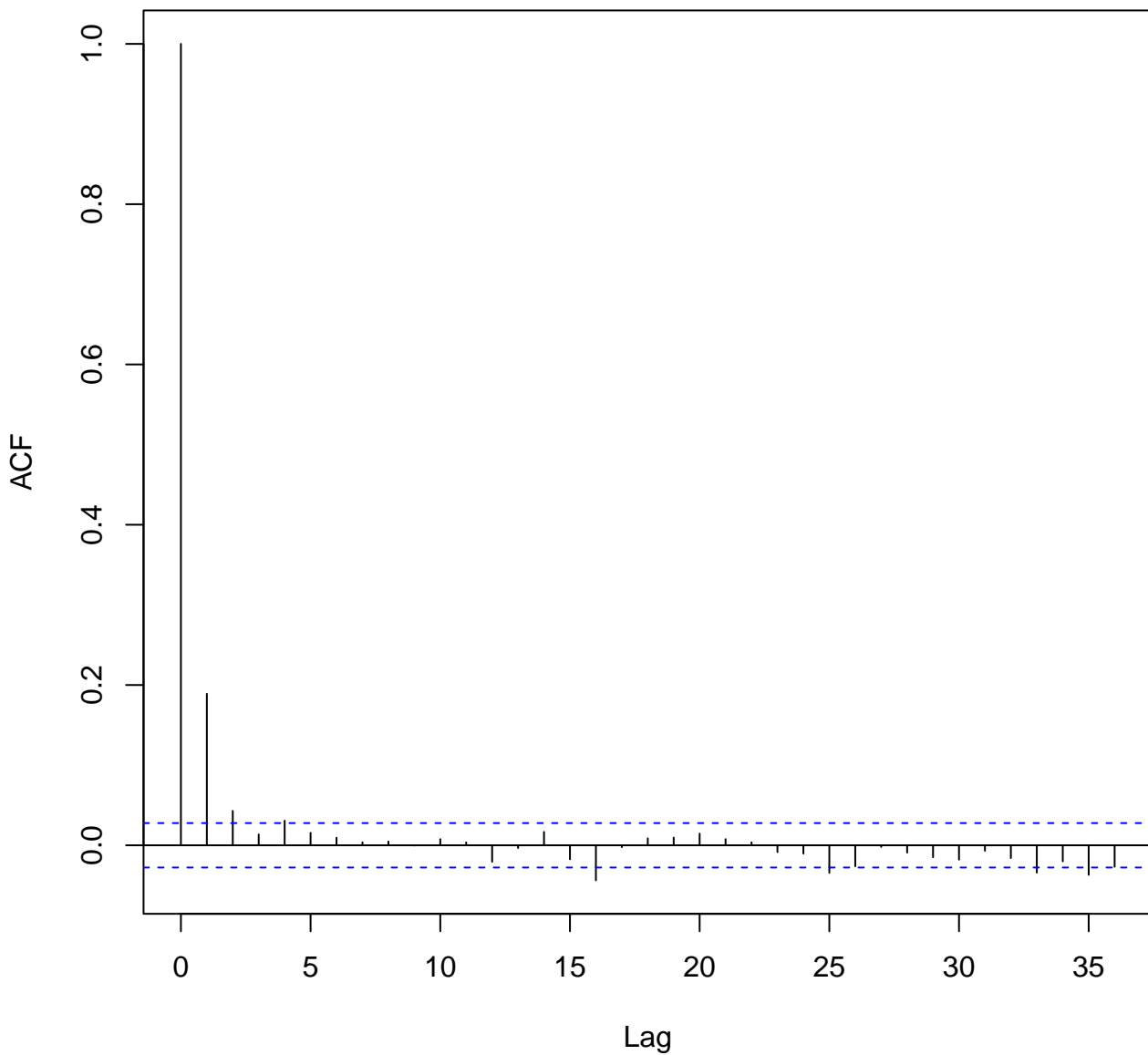
**X\_43 chain 6**



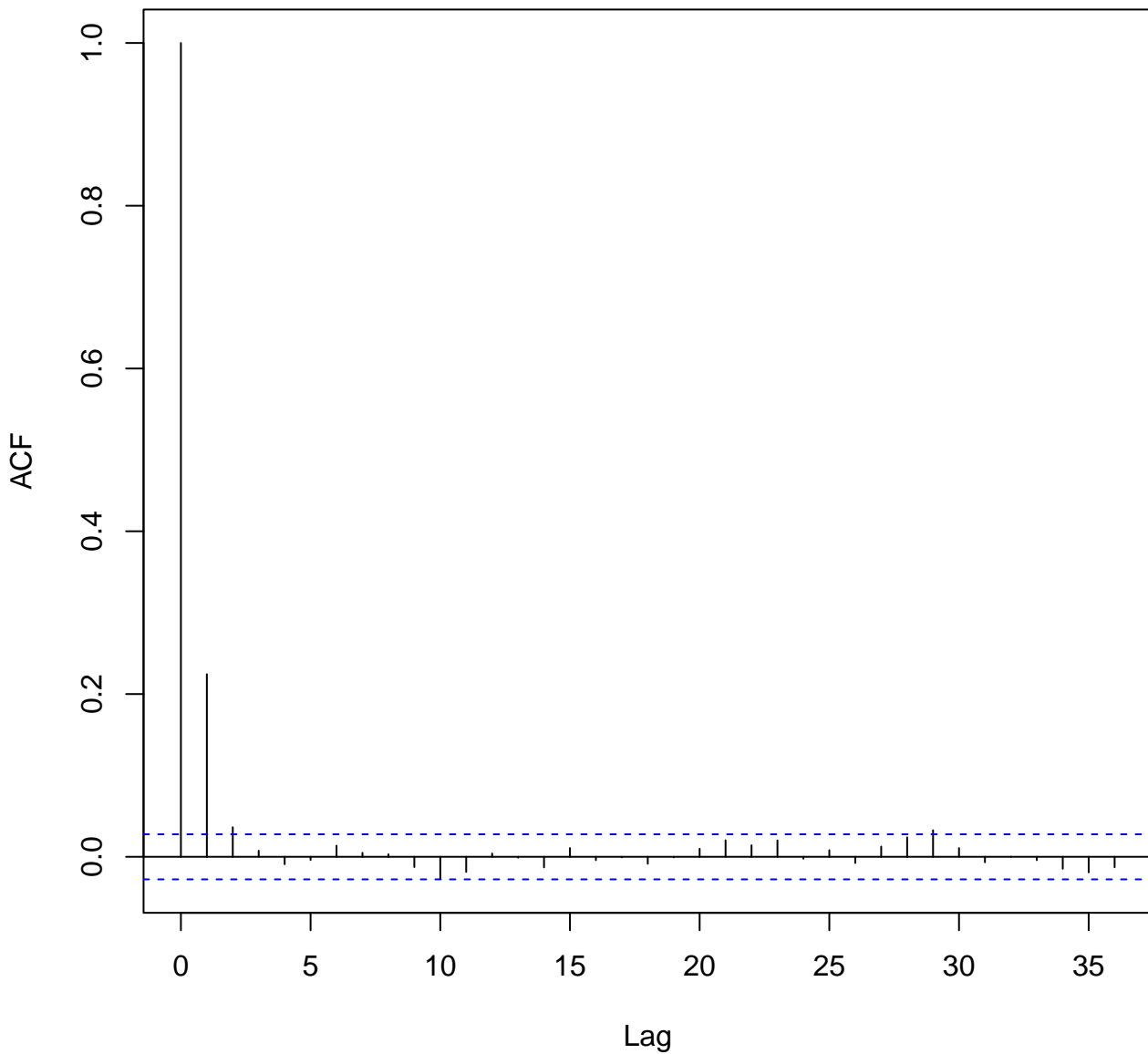
# X\_44 chain 1



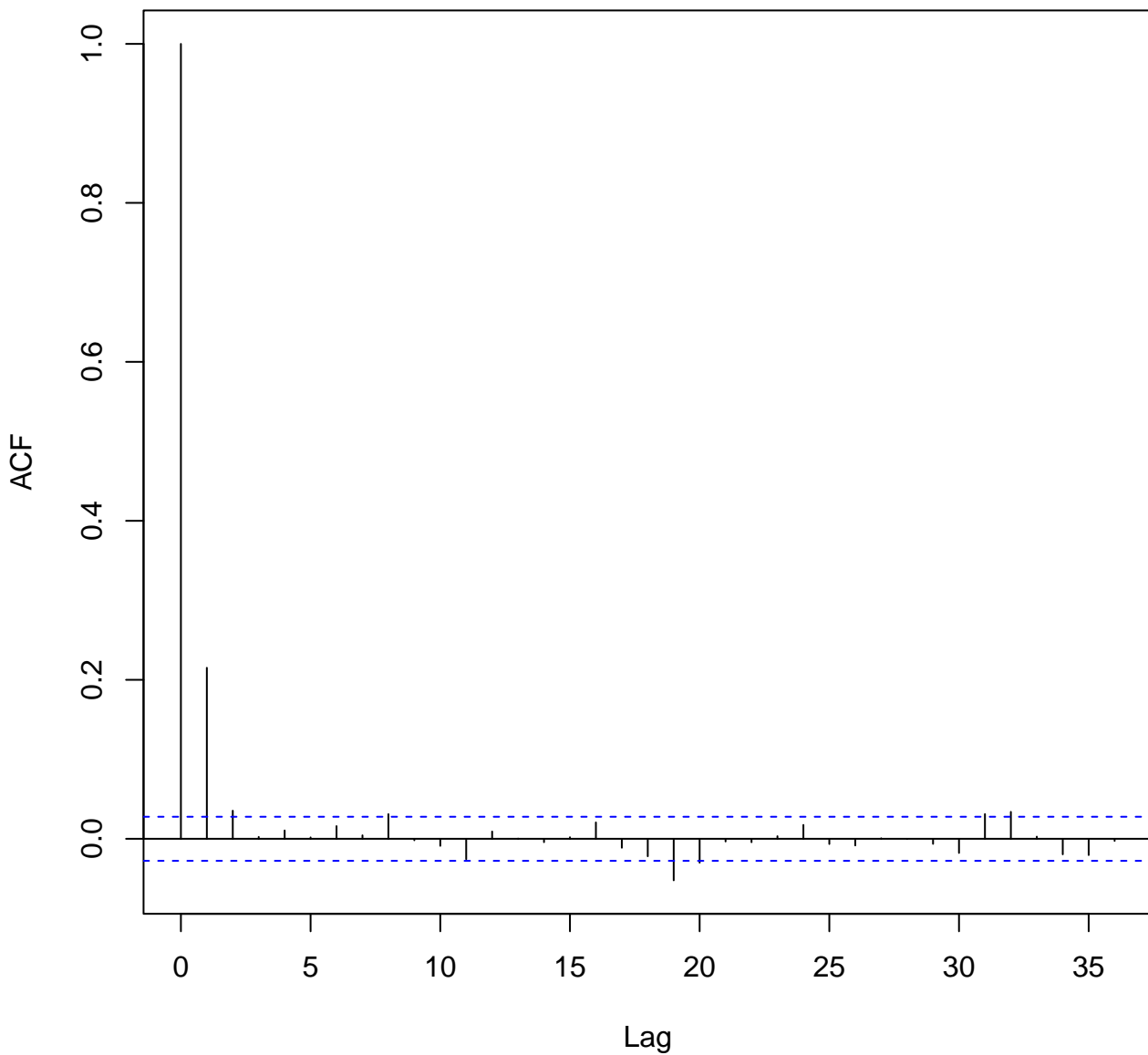
**X\_44 chain 2**



X\_44 chain 3

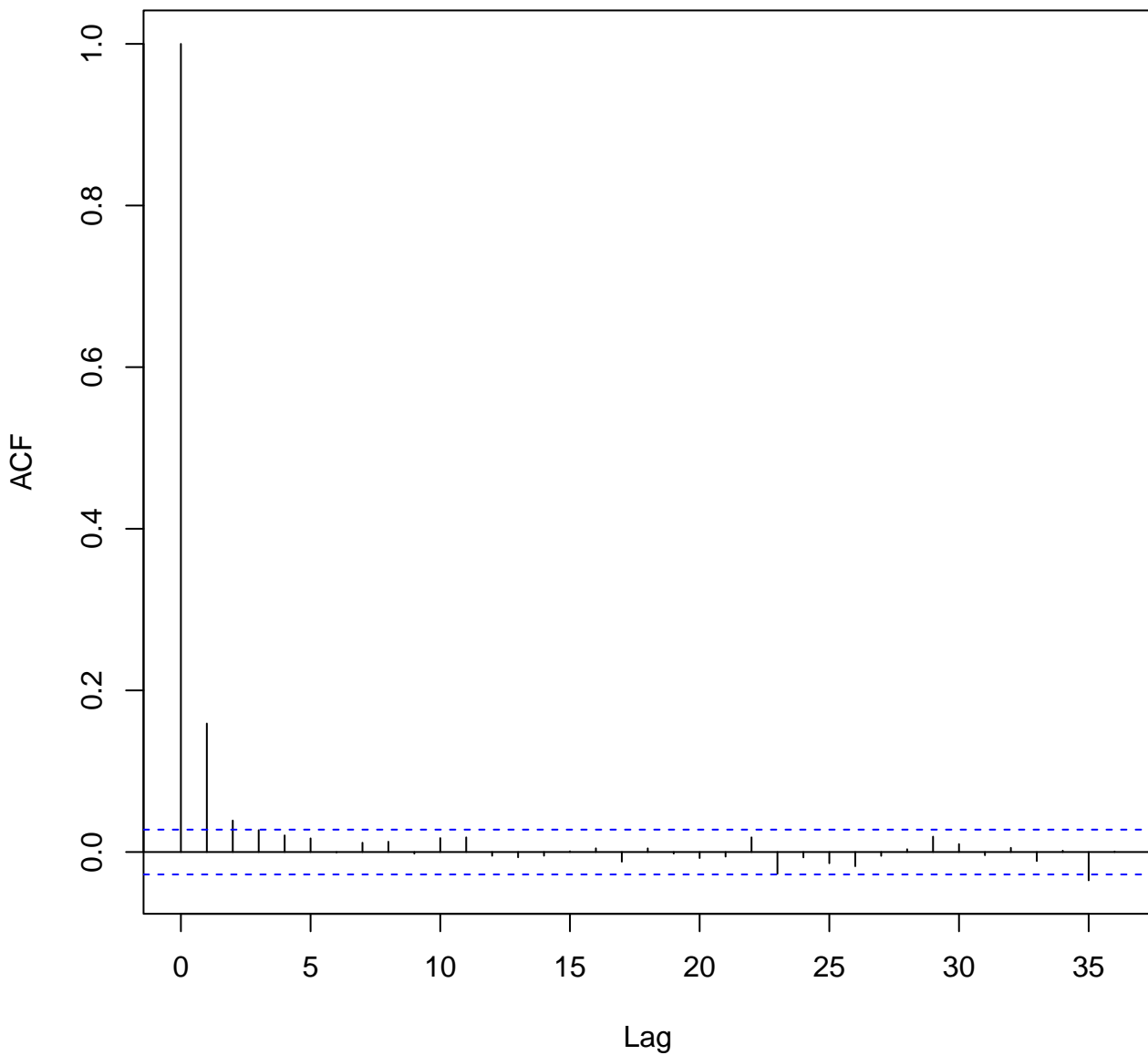


X\_44 chain 4

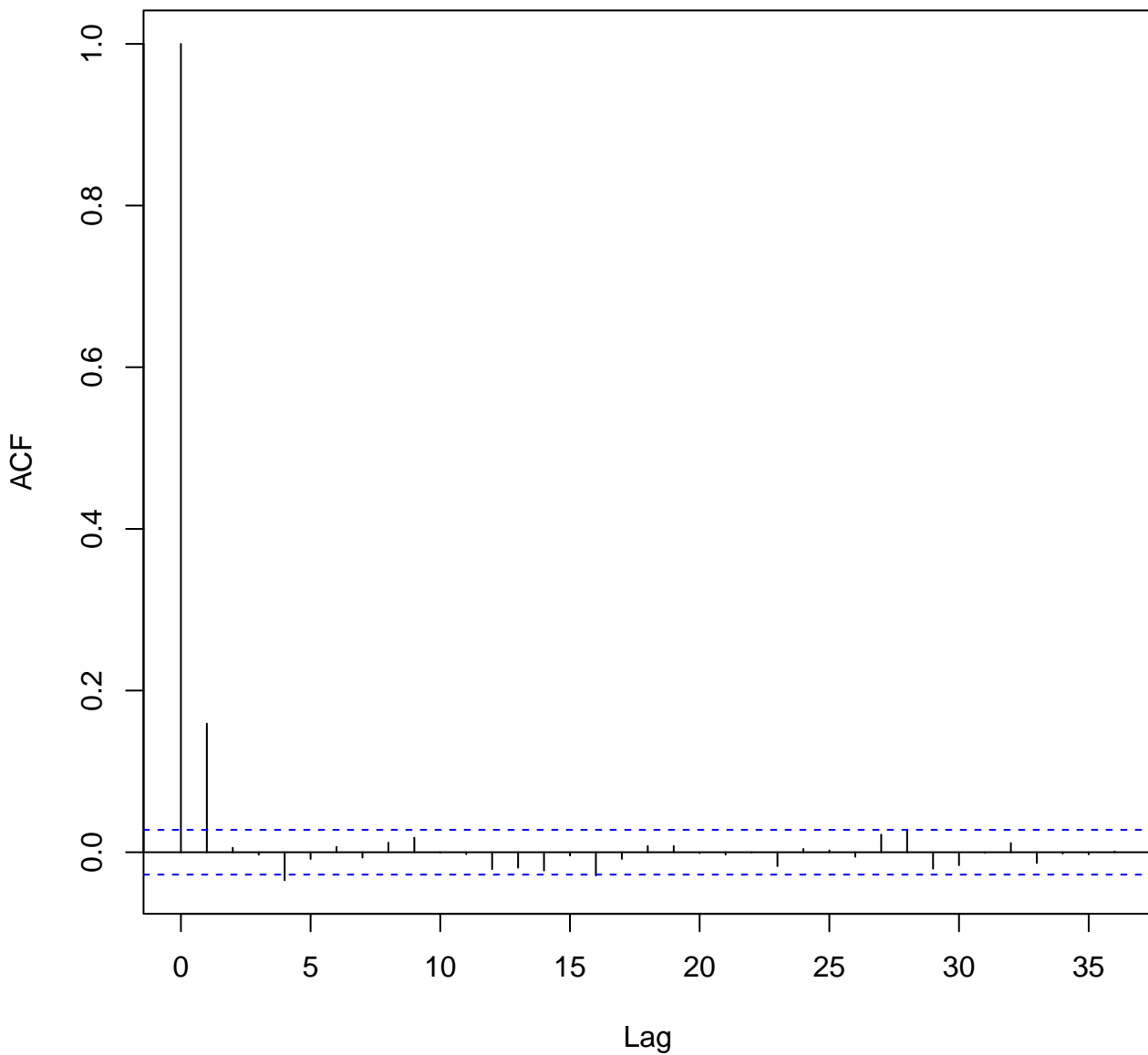




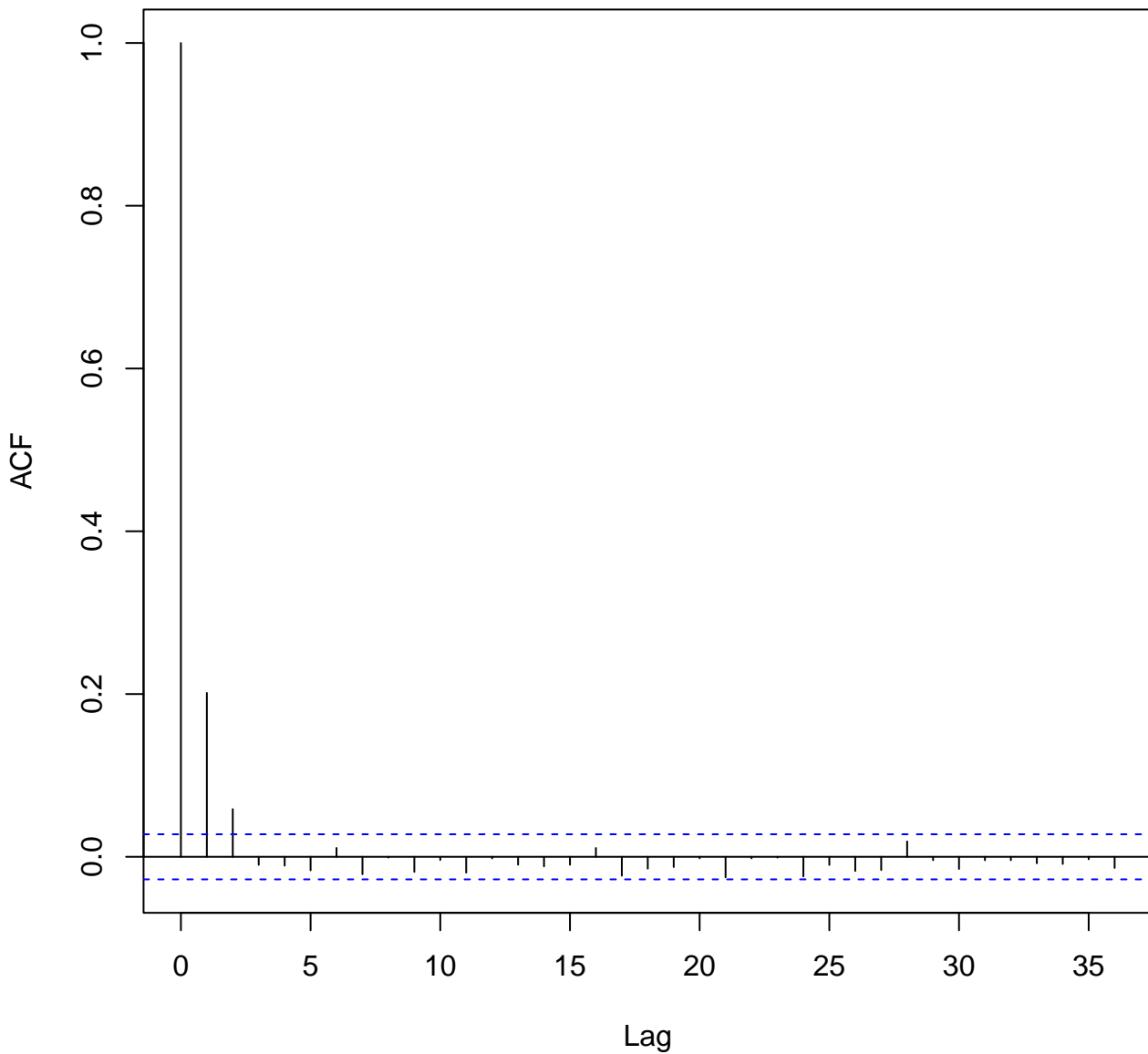
**X\_44 chain 5**



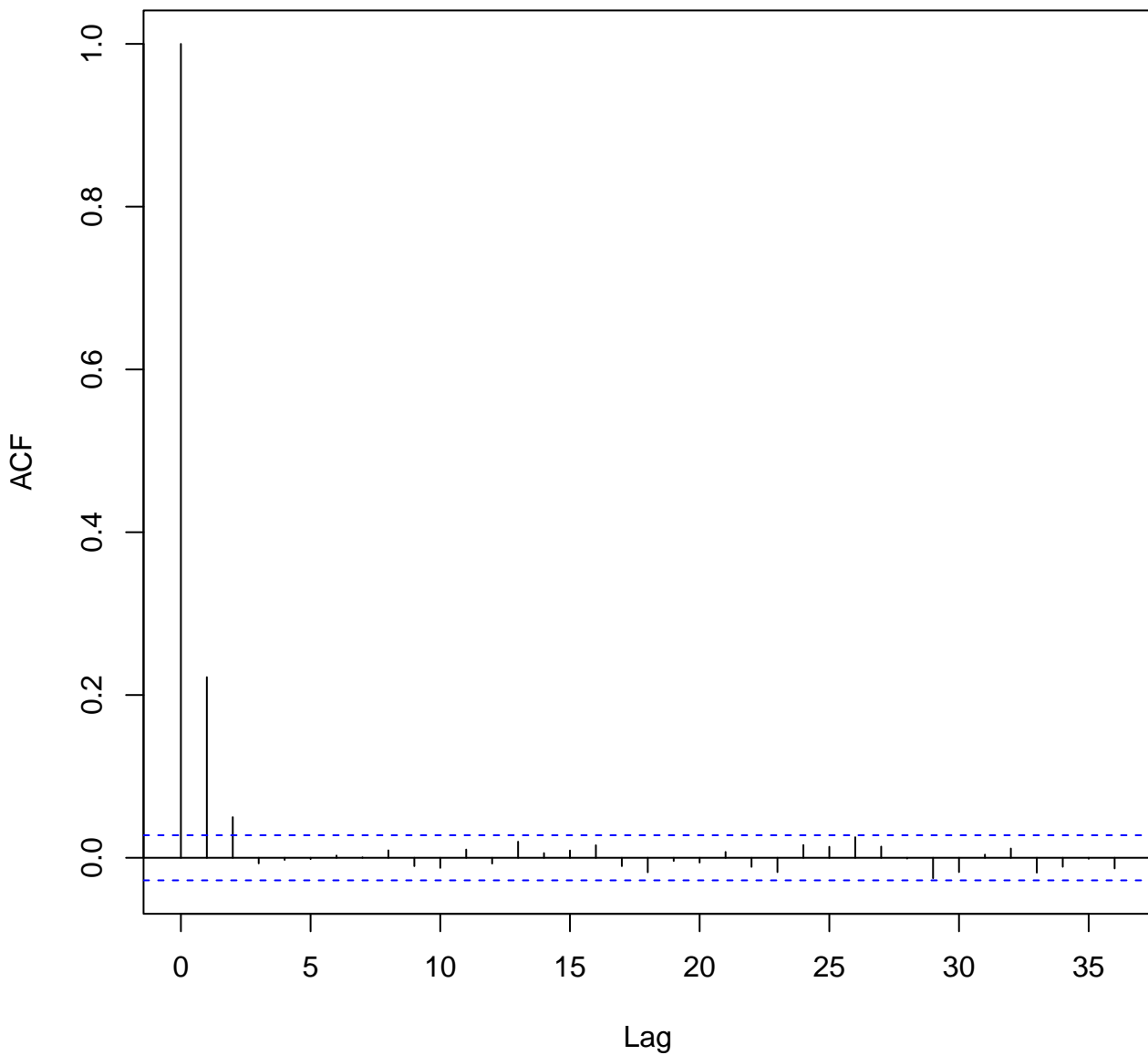
X\_44 chain 6



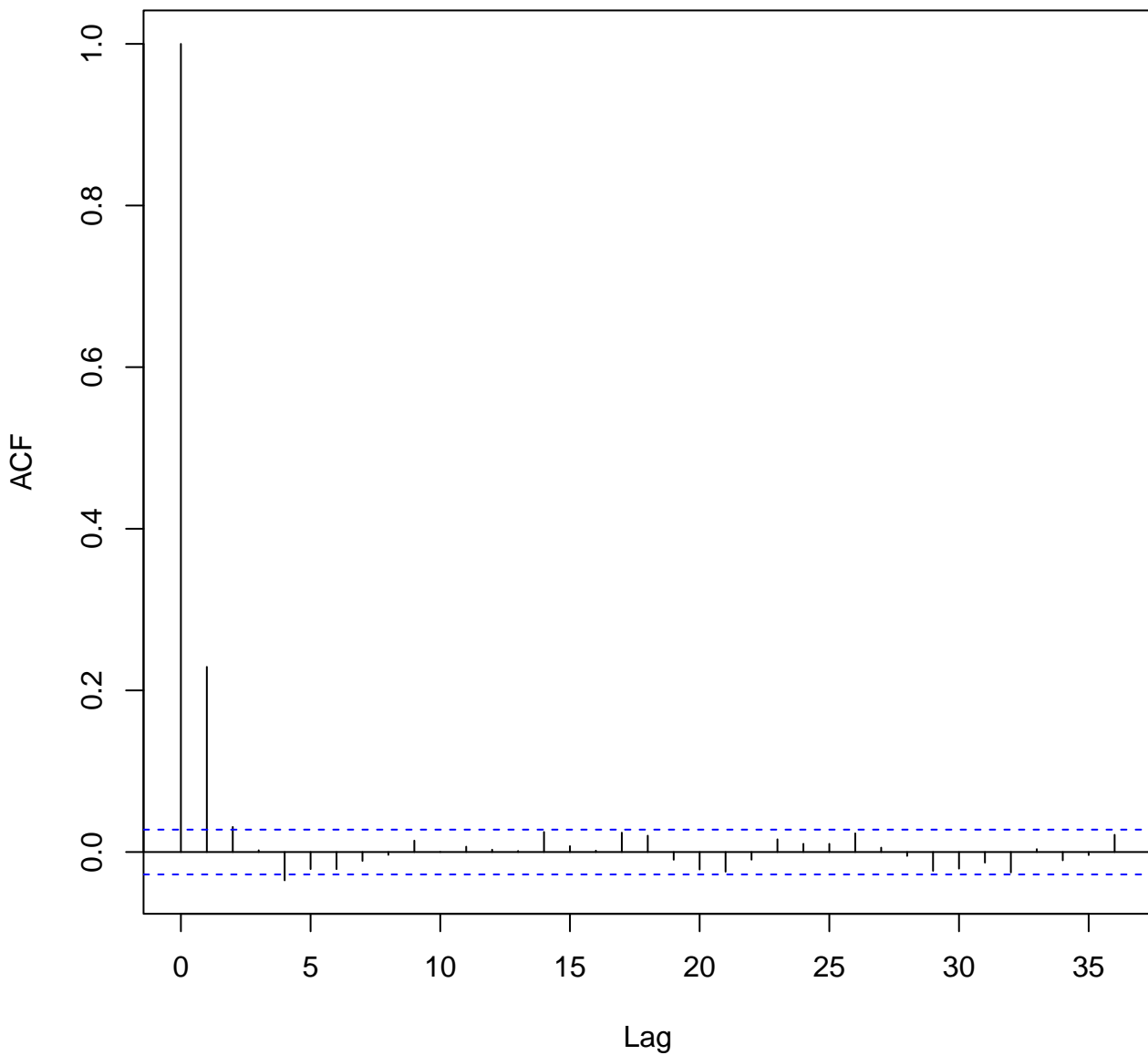
**X\_45 chain 1**



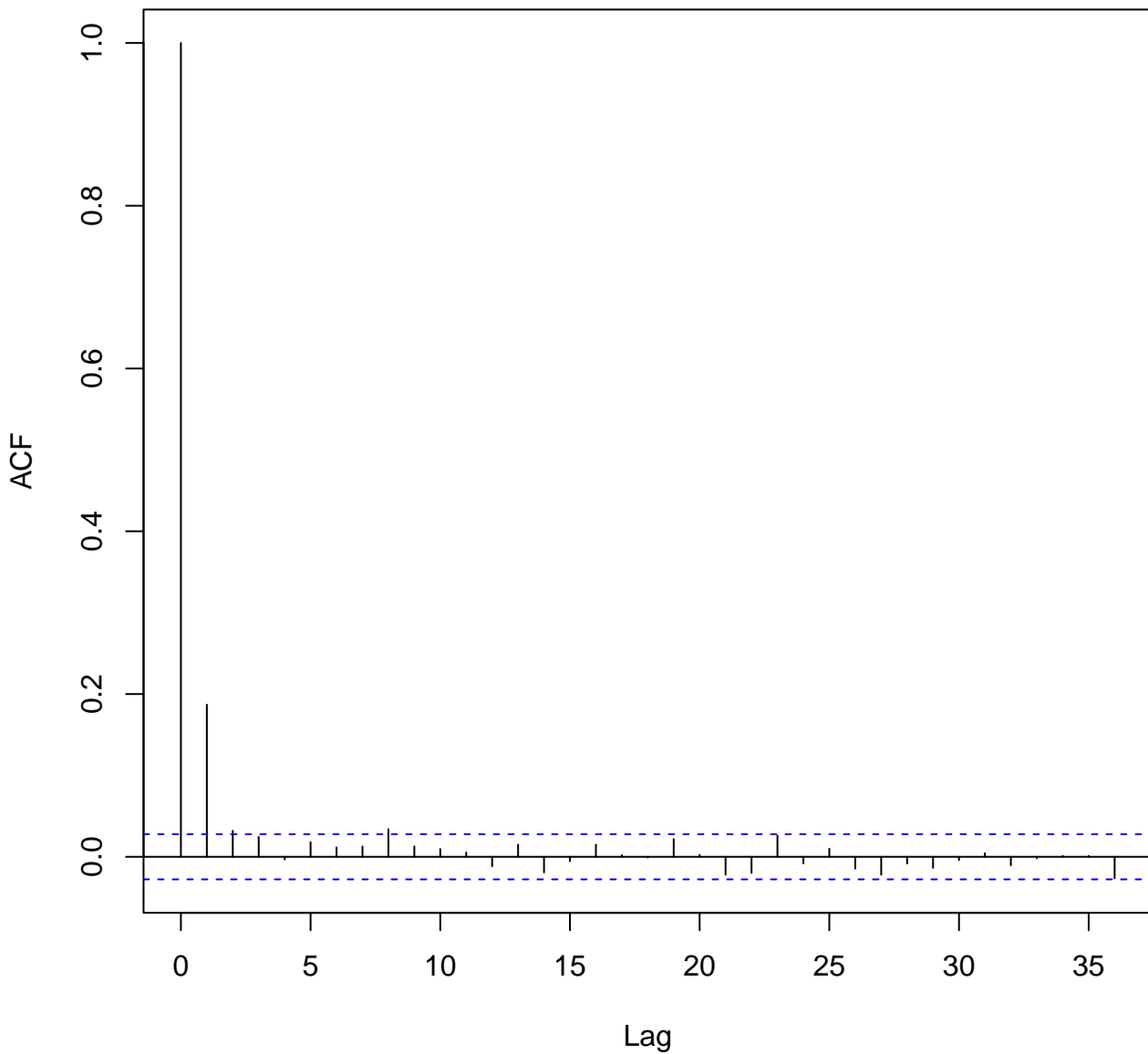
**X\_45 chain 2**



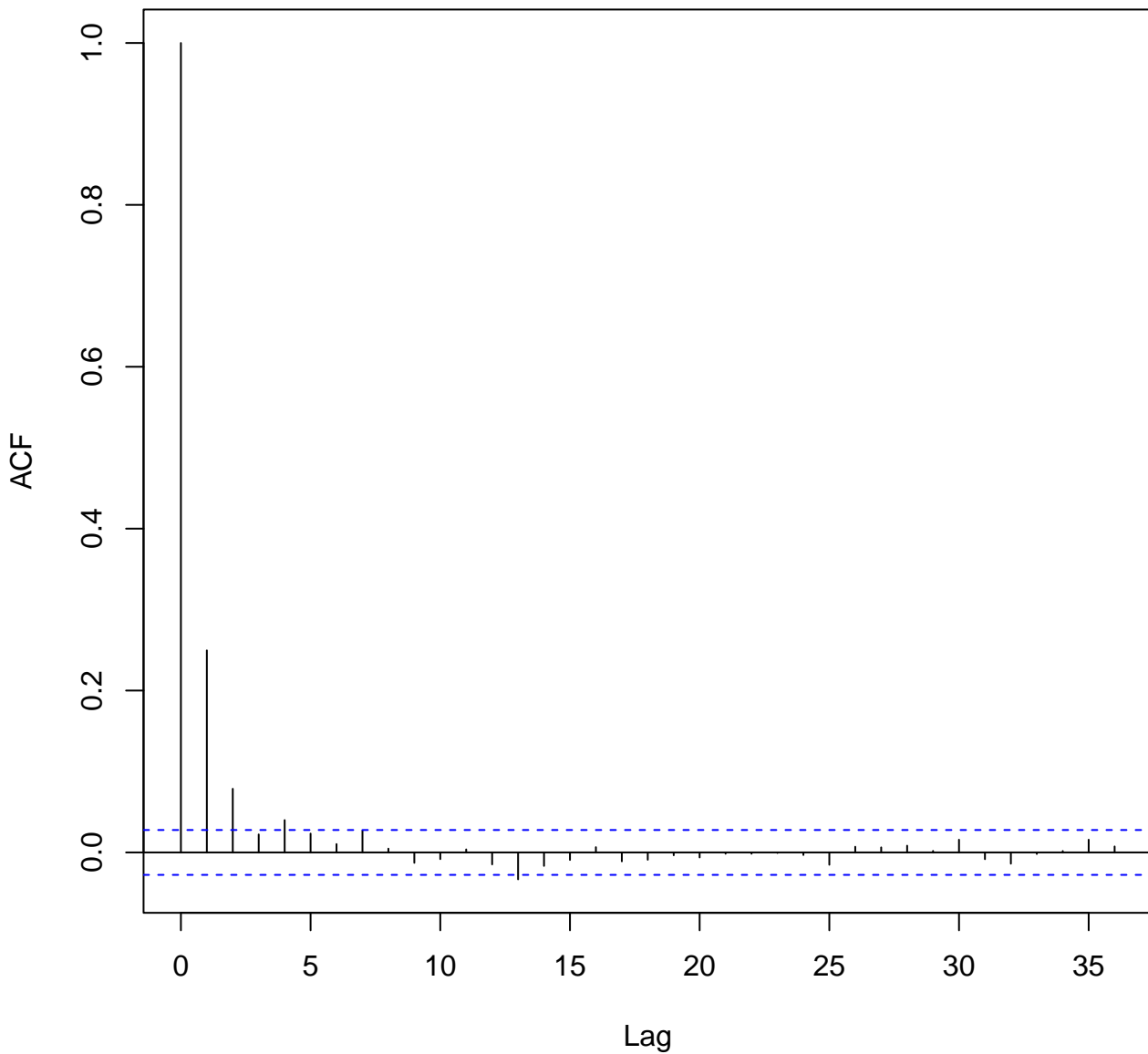
**X\_45 chain 3**



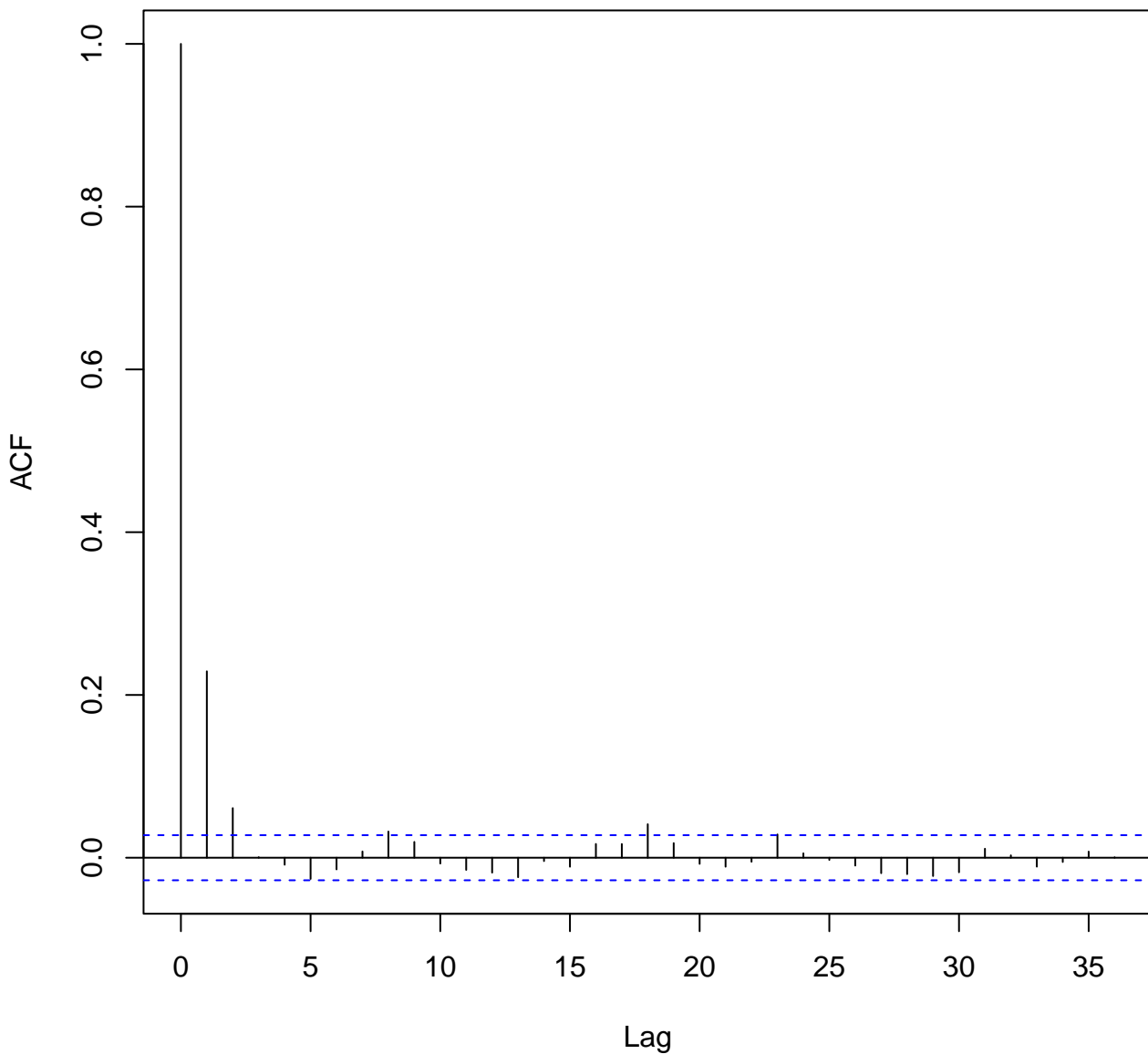
**X\_45 chain 4**



**X\_45 chain 5**

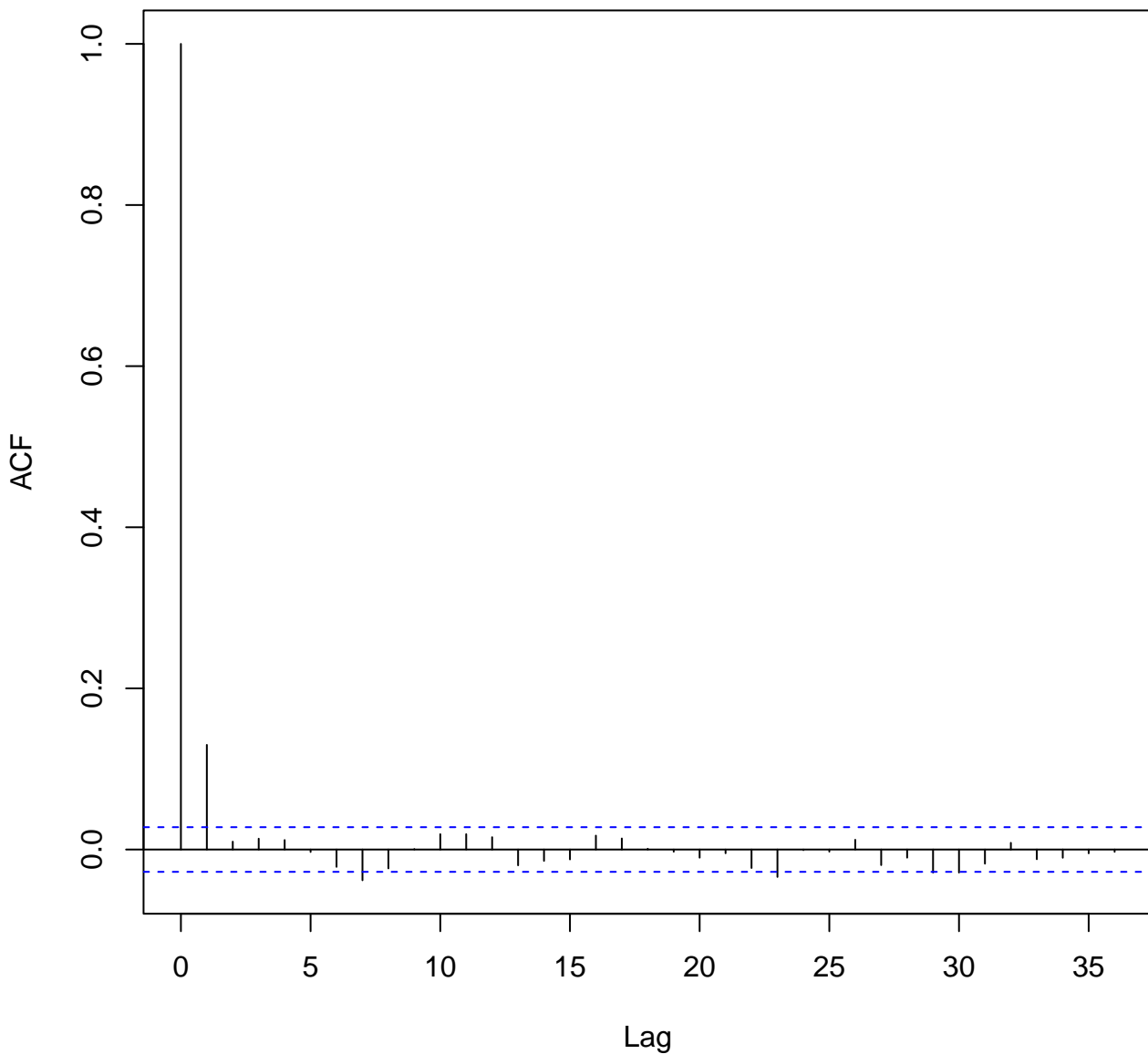


X\_45 chain 6

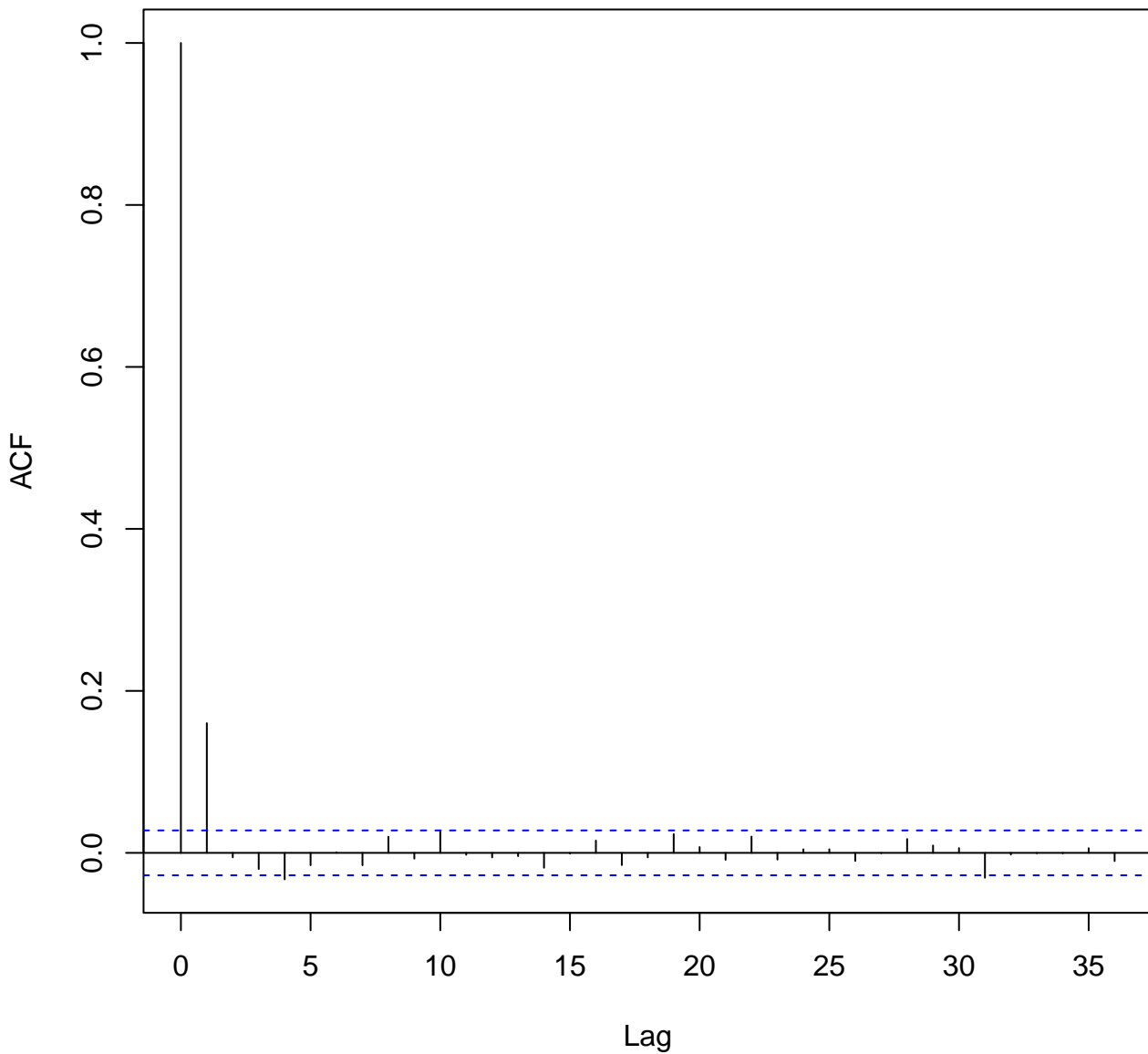




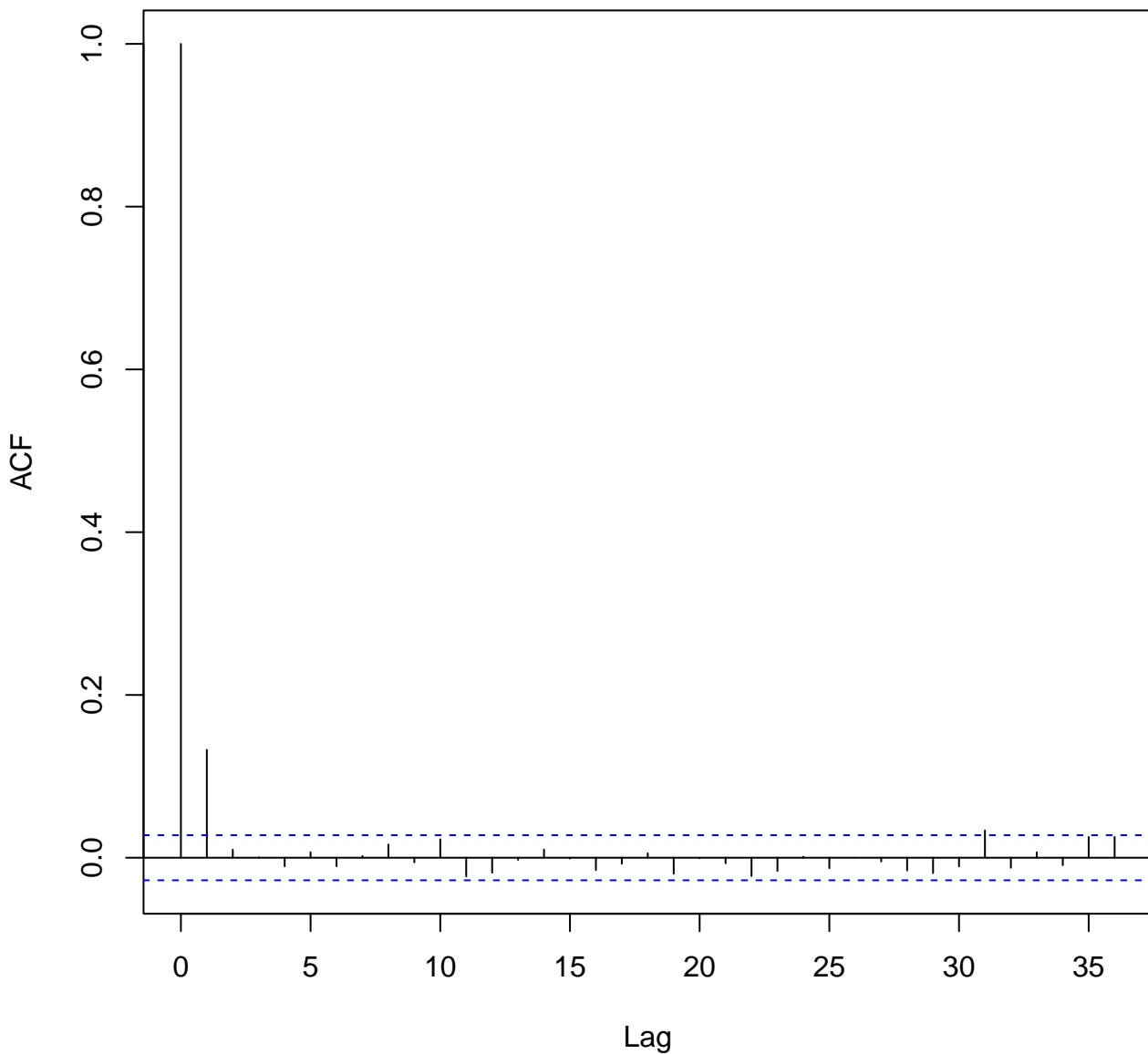
# X\_46 chain 1



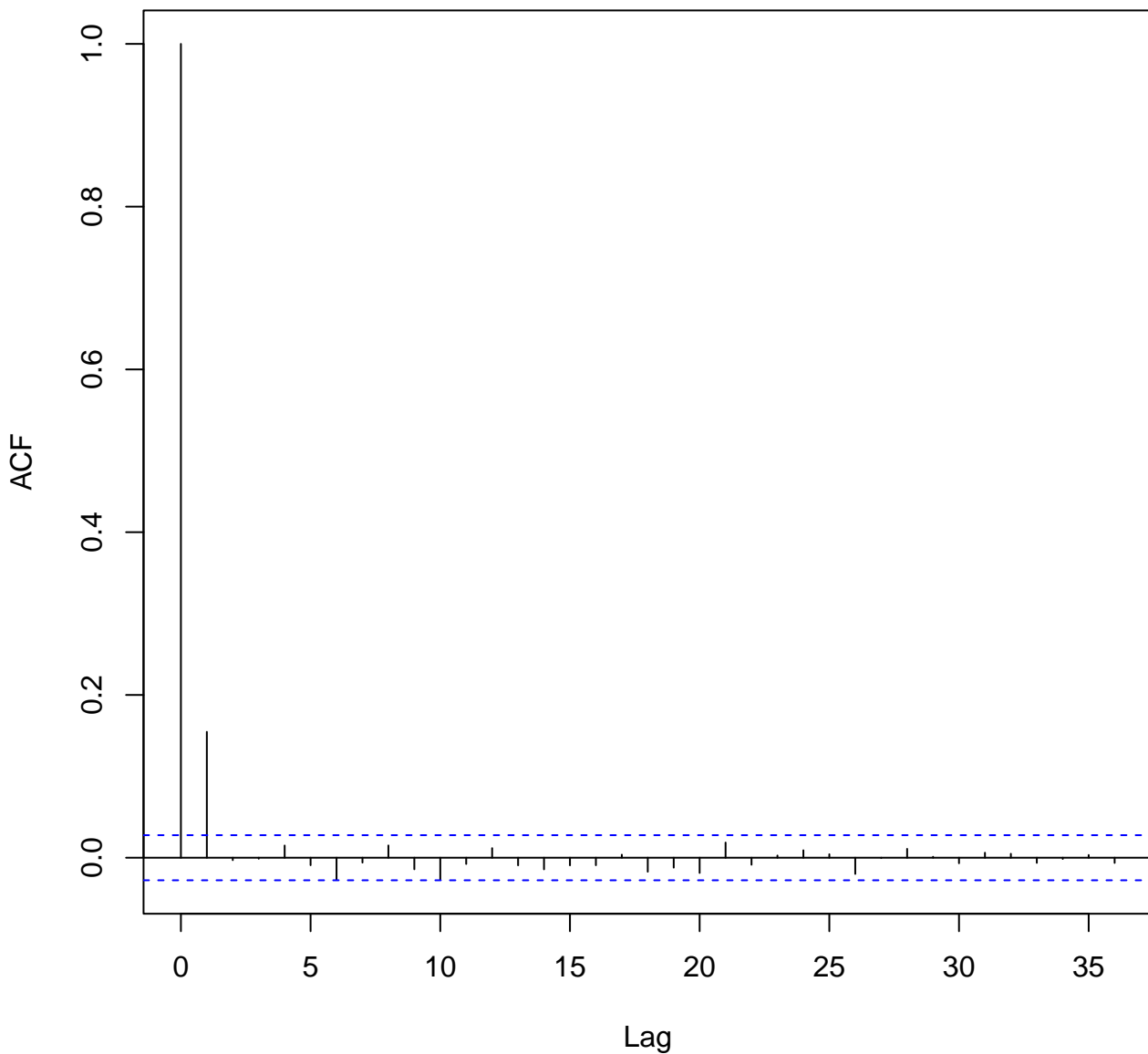
**X\_46 chain 2**



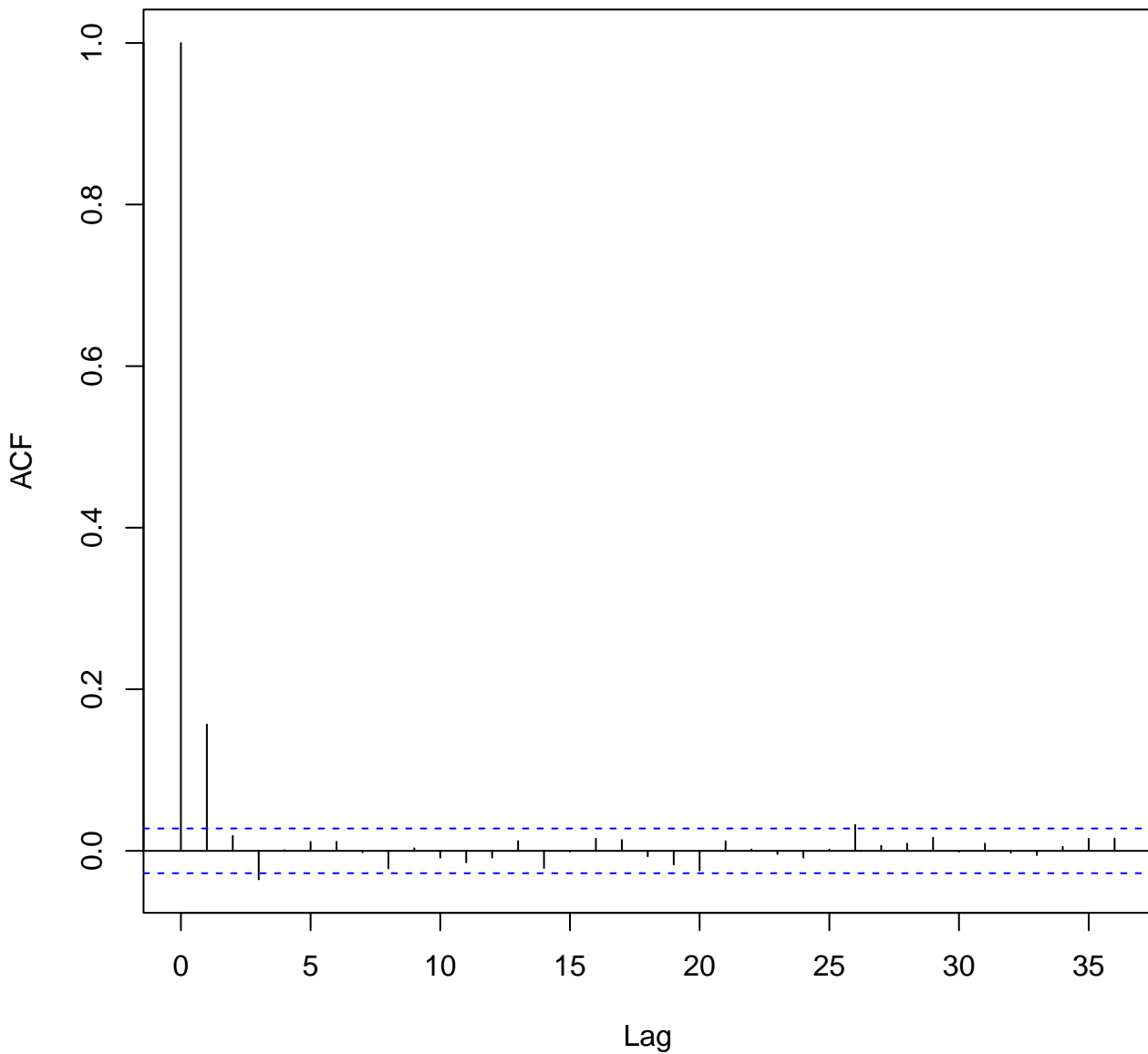
**X\_46 chain 3**



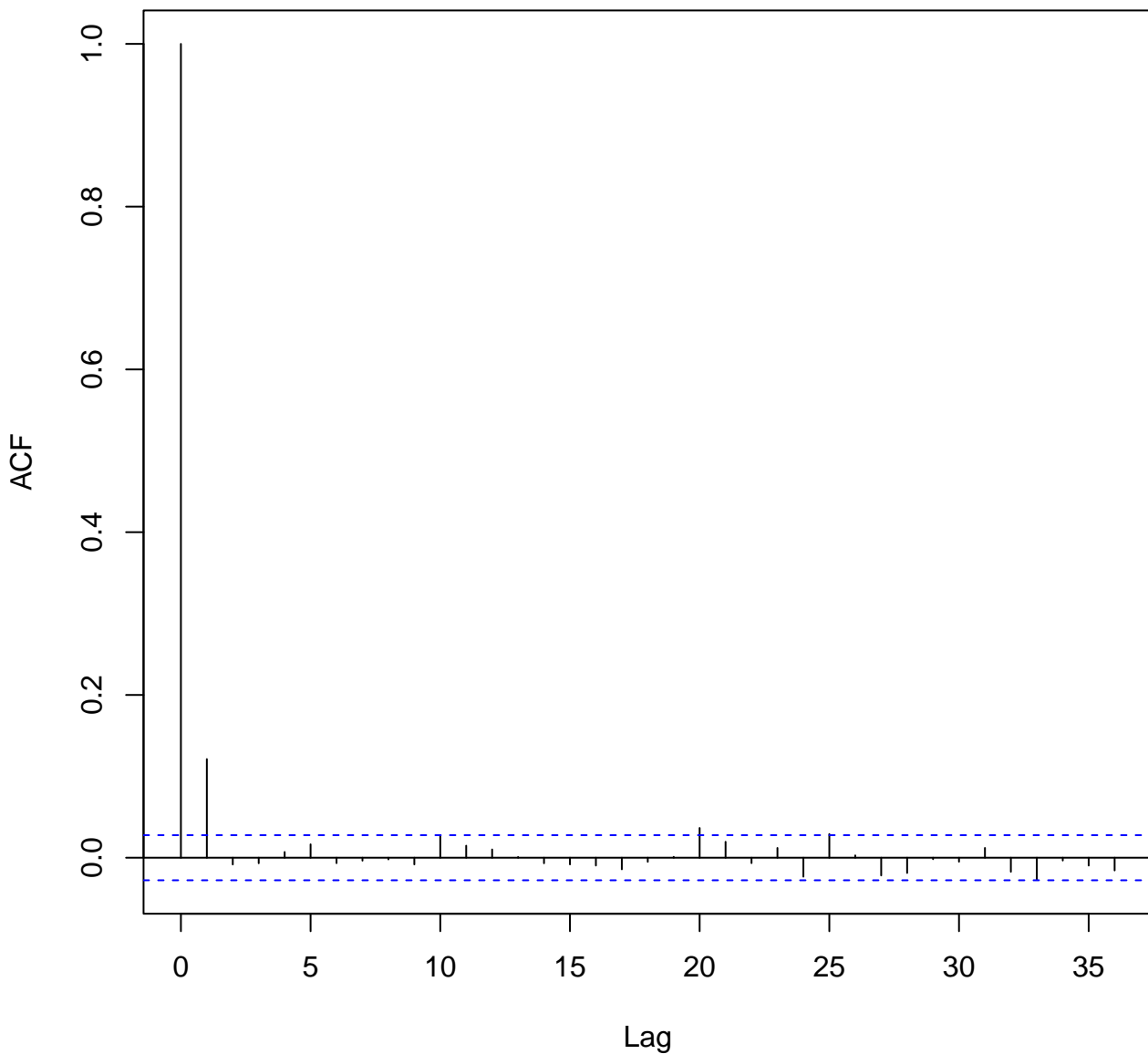
X\_46 chain 4



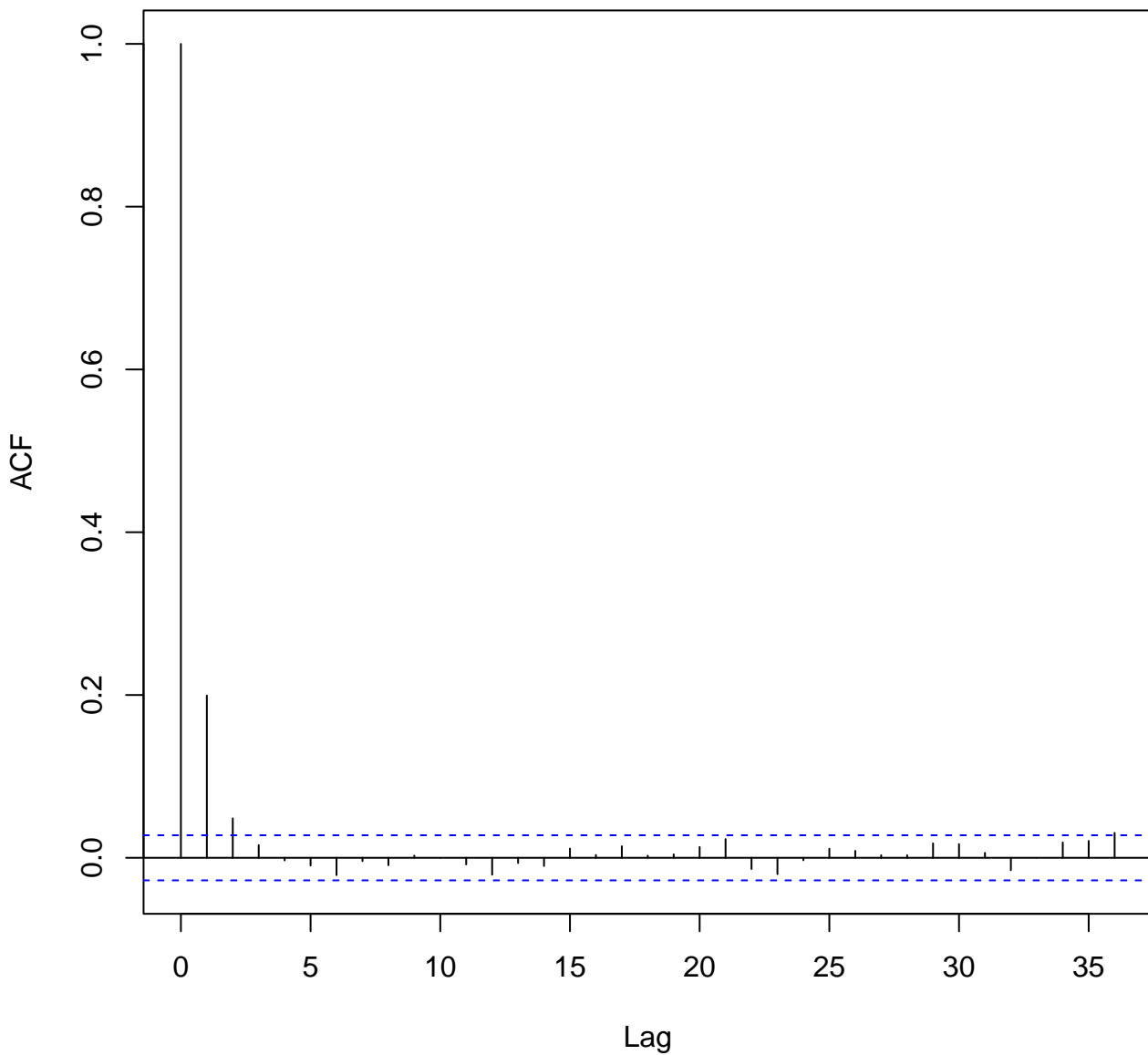
X\_46 chain 5



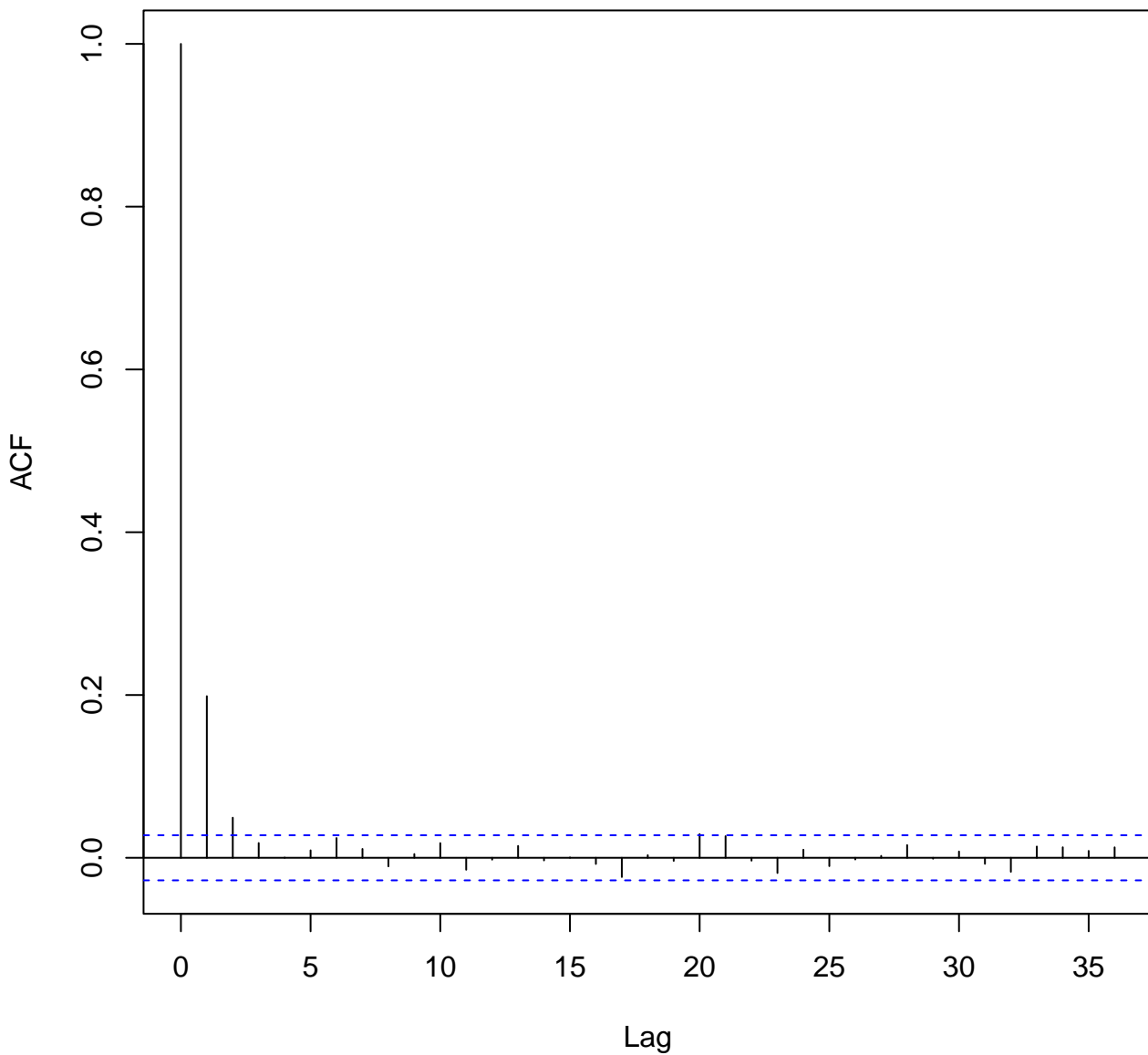
X\_46 chain 6



X\_47 chain 1

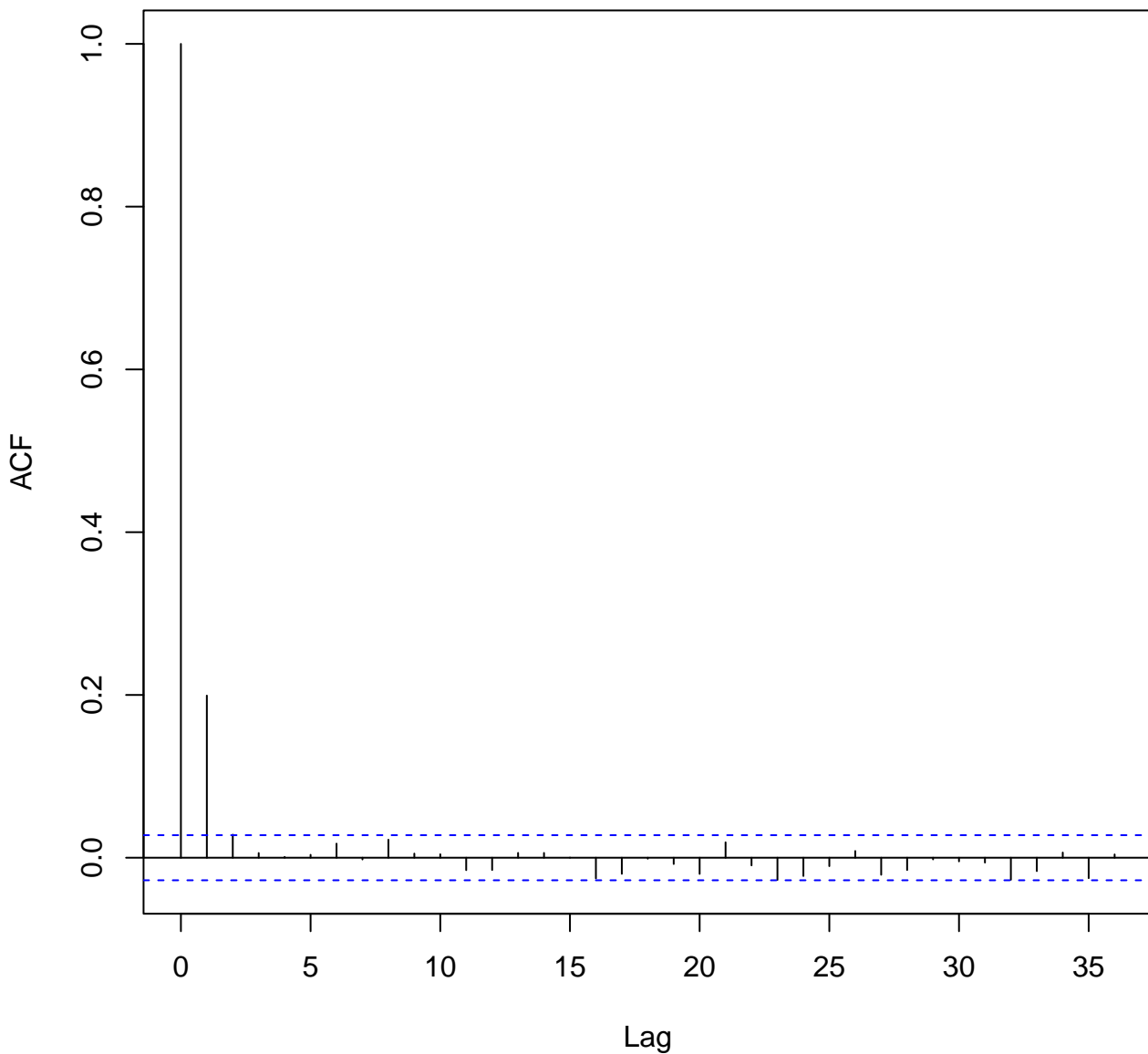


**X\_47 chain 2**

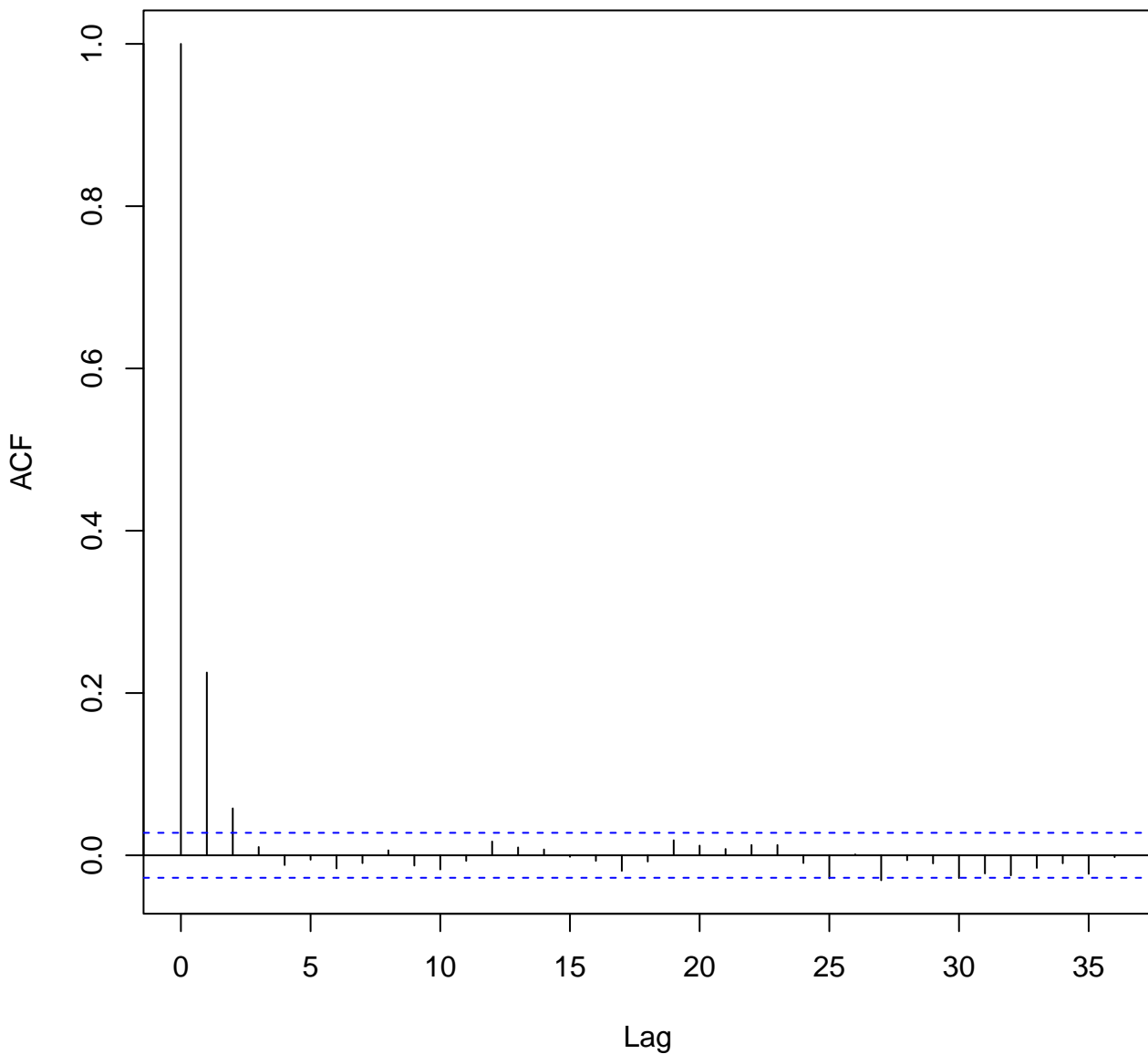




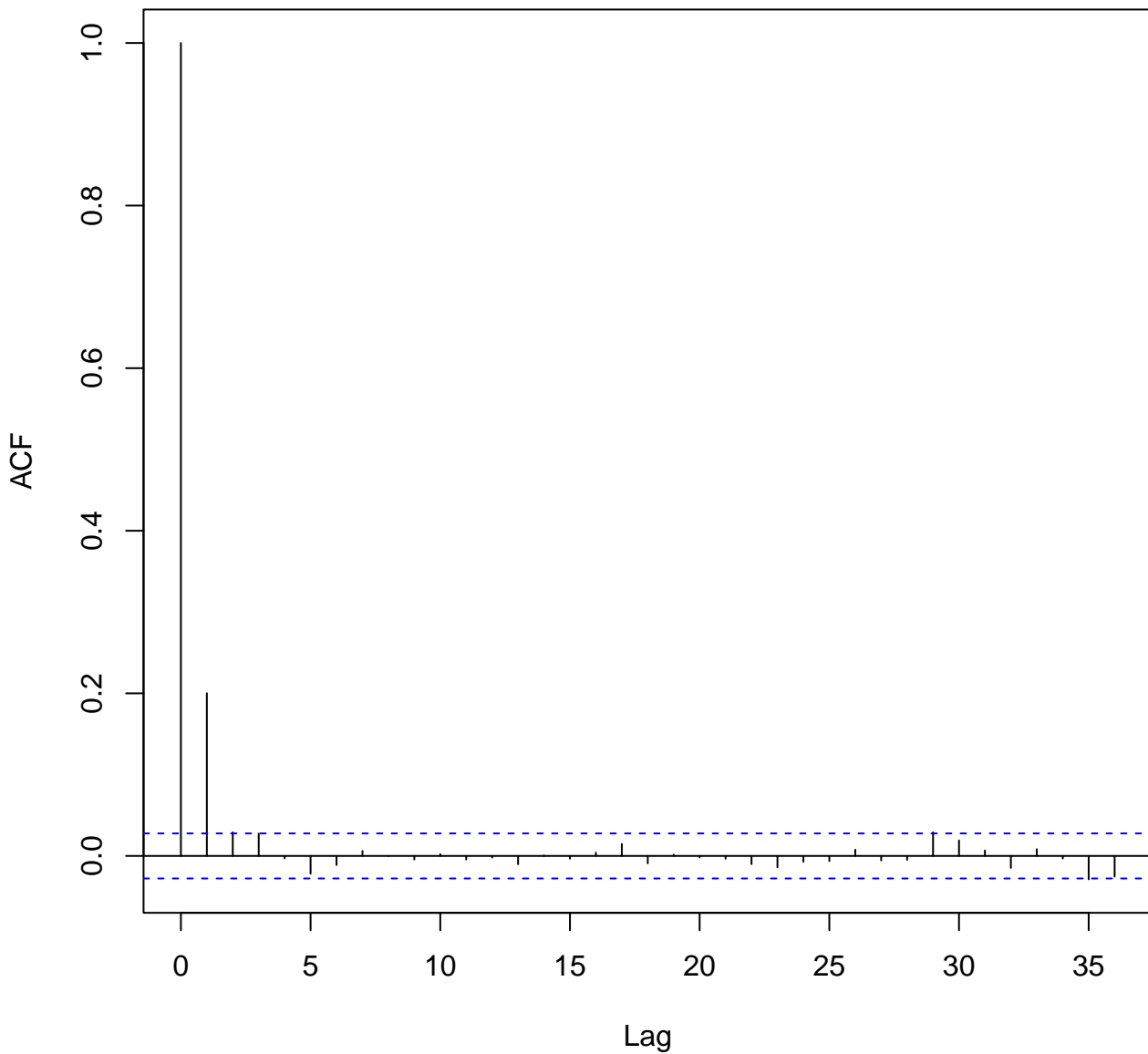
# X\_47 chain 3



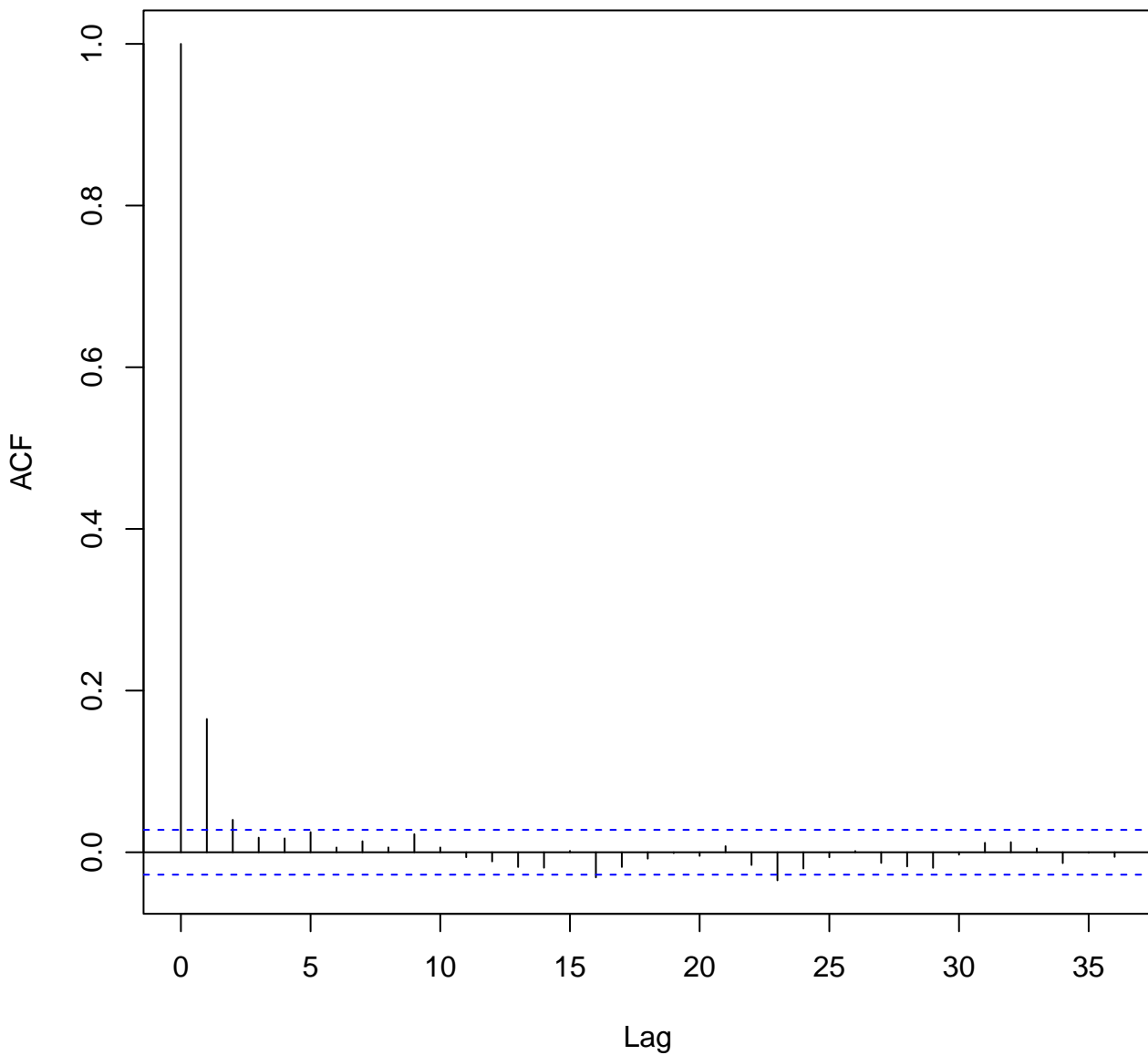
X\_47 chain 4



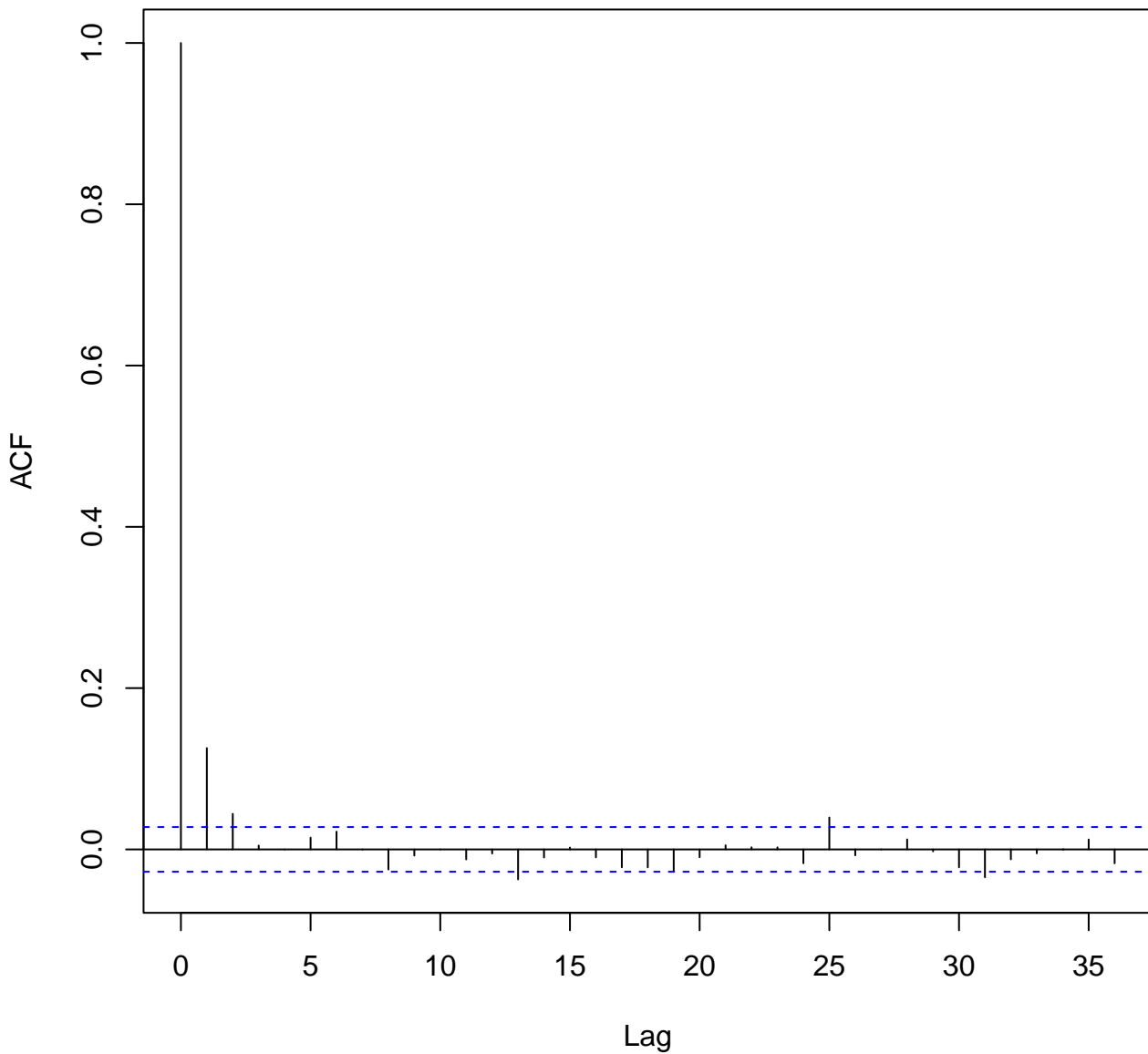
**X\_47 chain 5**



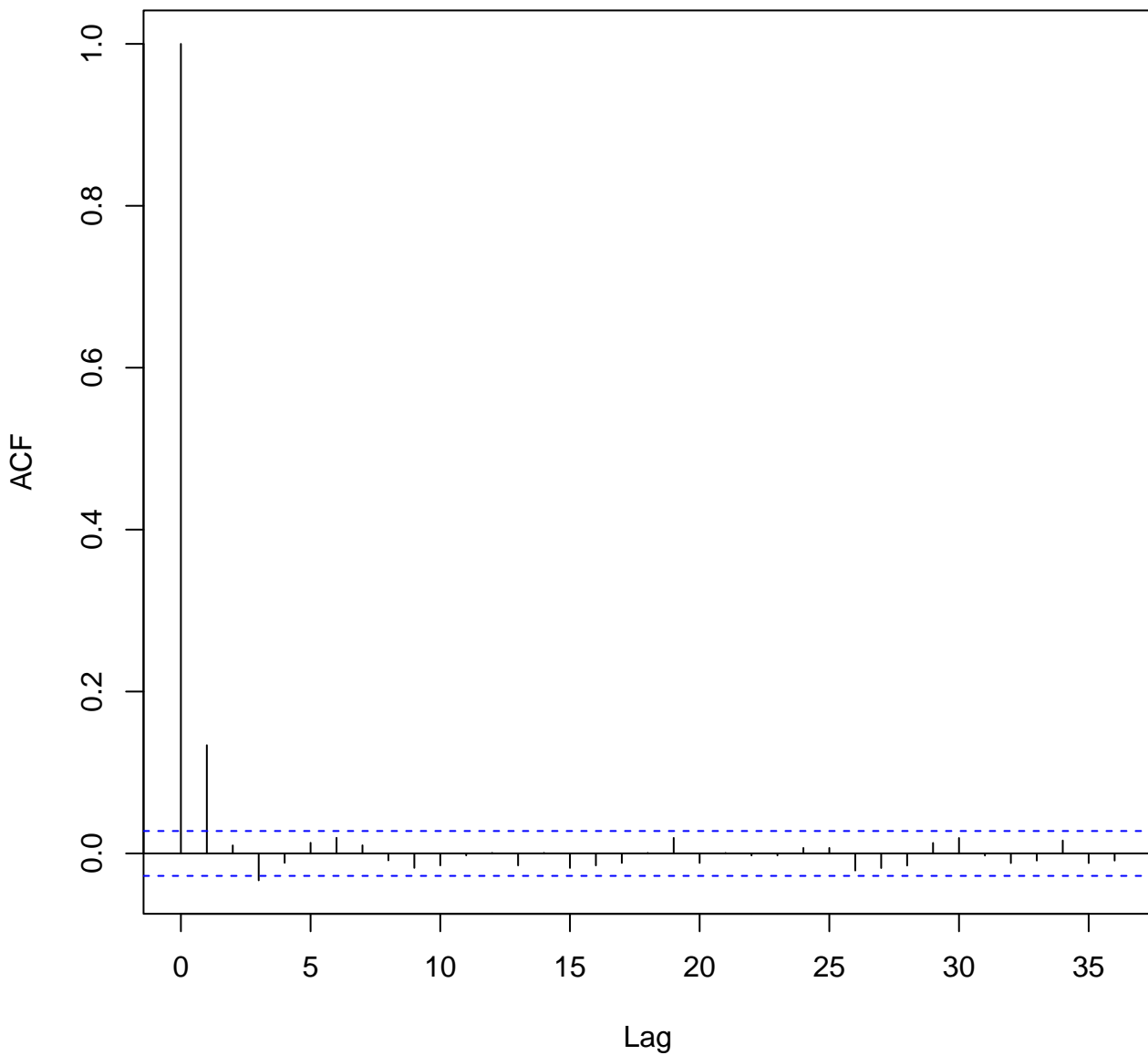
X\_47 chain 6



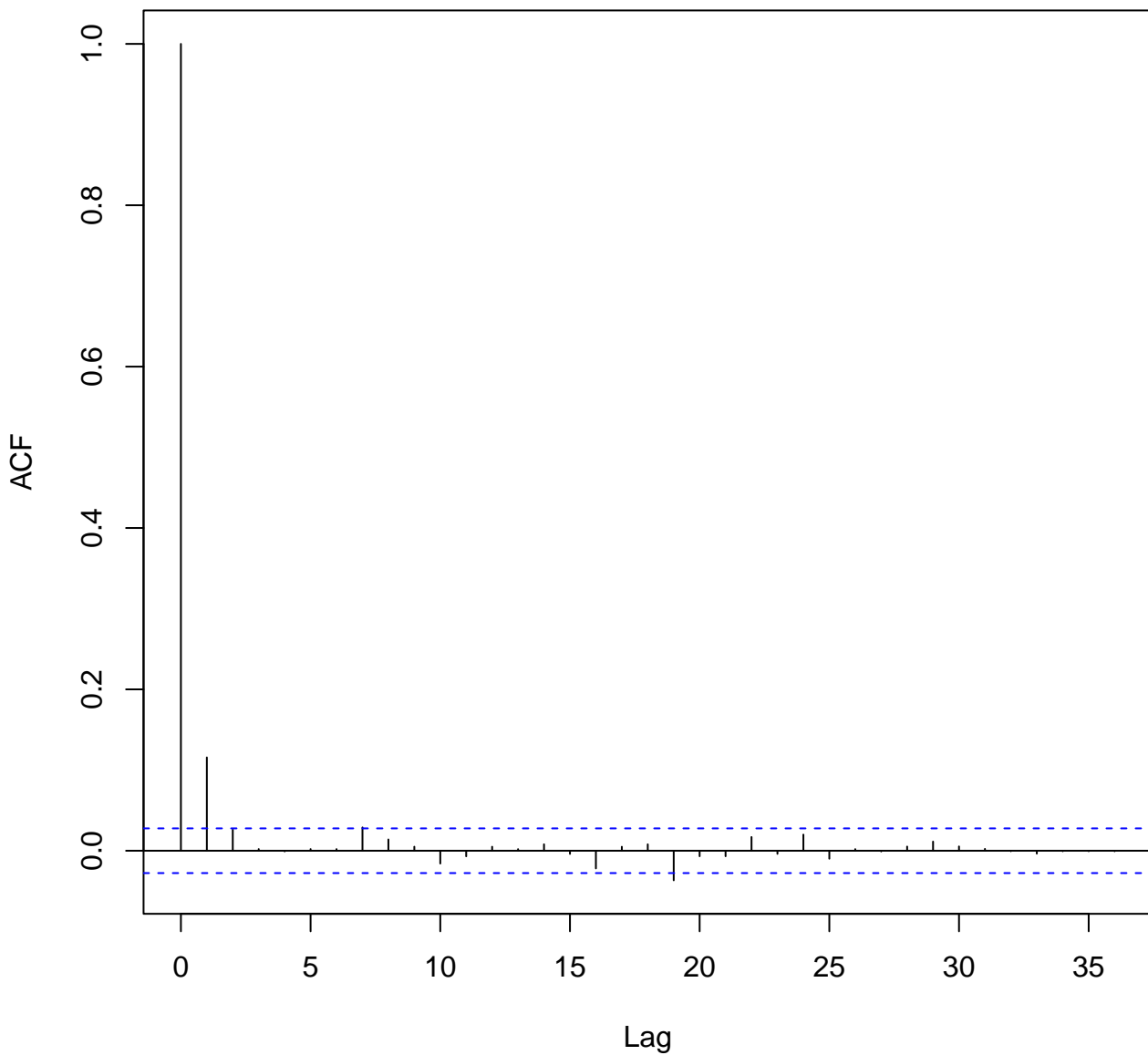
# X\_48 chain 1



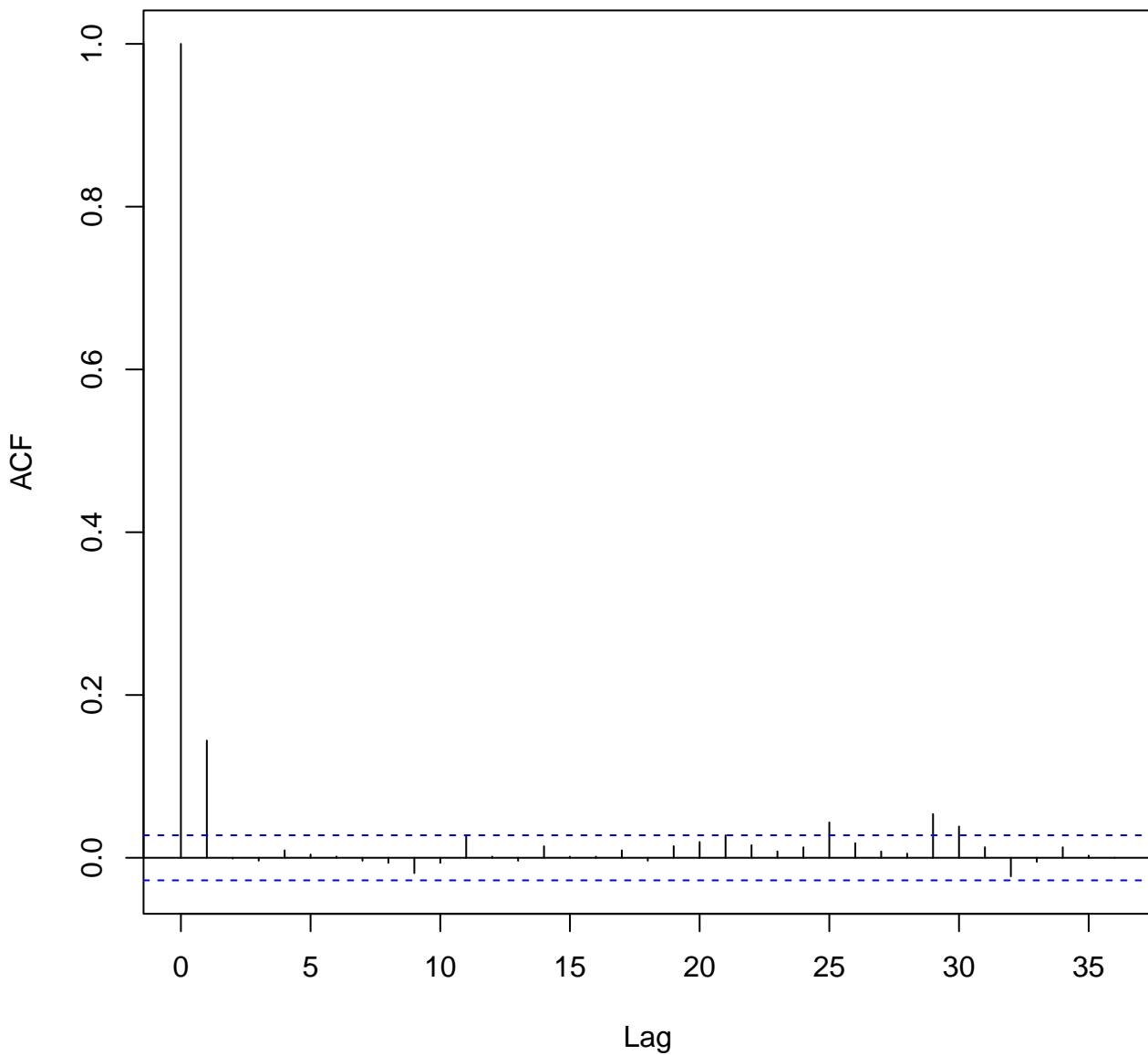
**X\_48 chain 2**



**X\_48 chain 3**

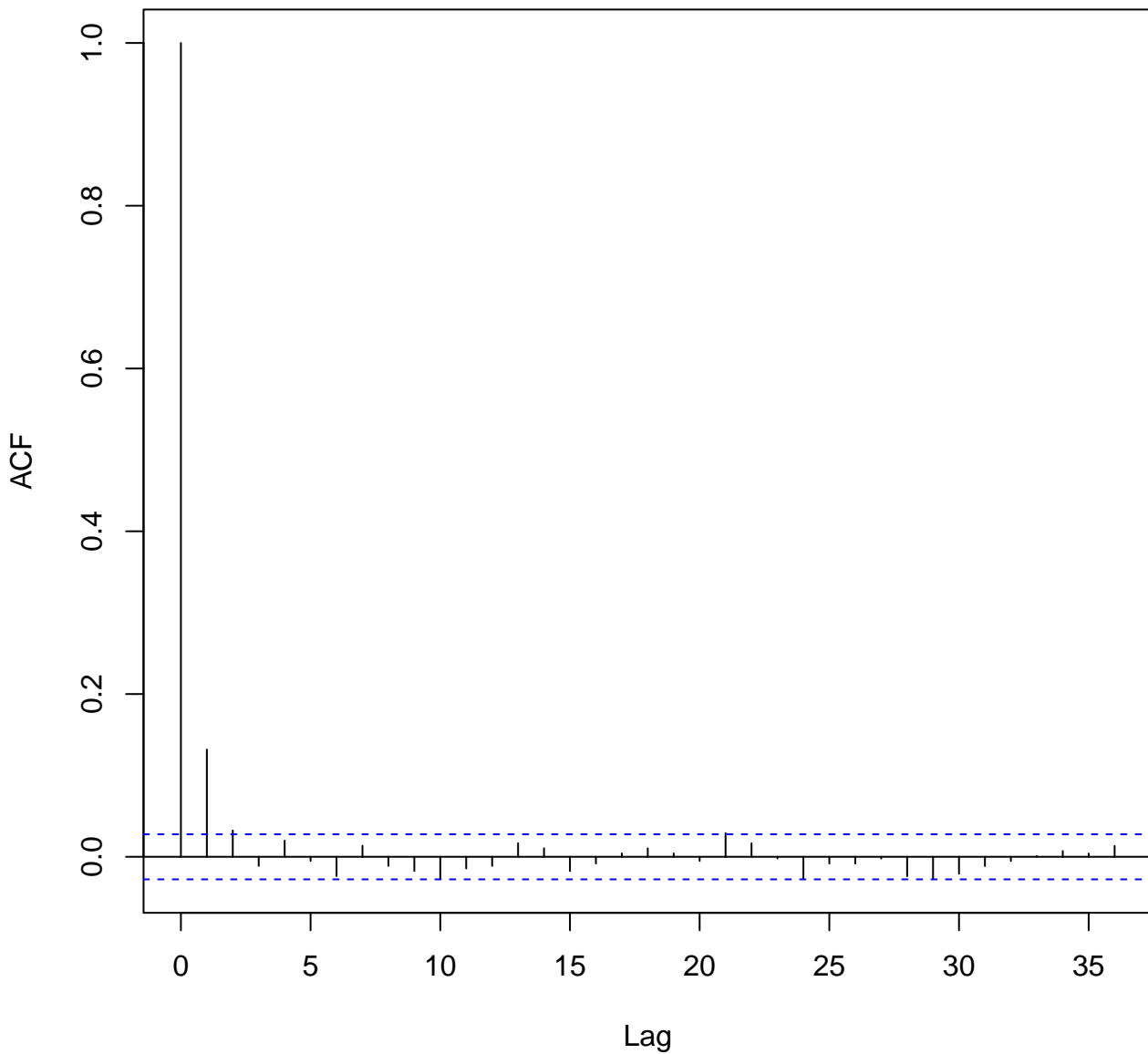


**X\_48 chain 4**

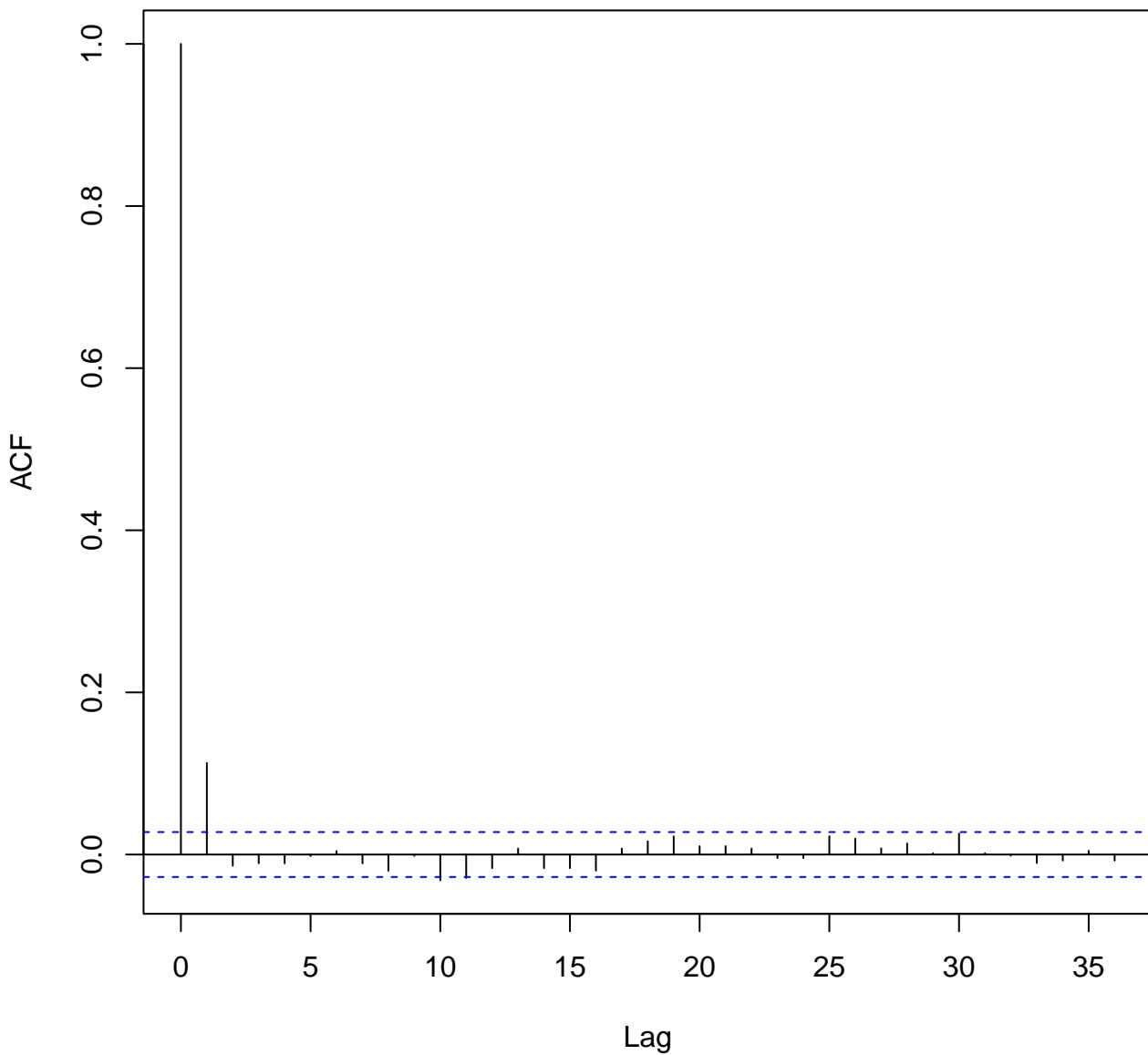




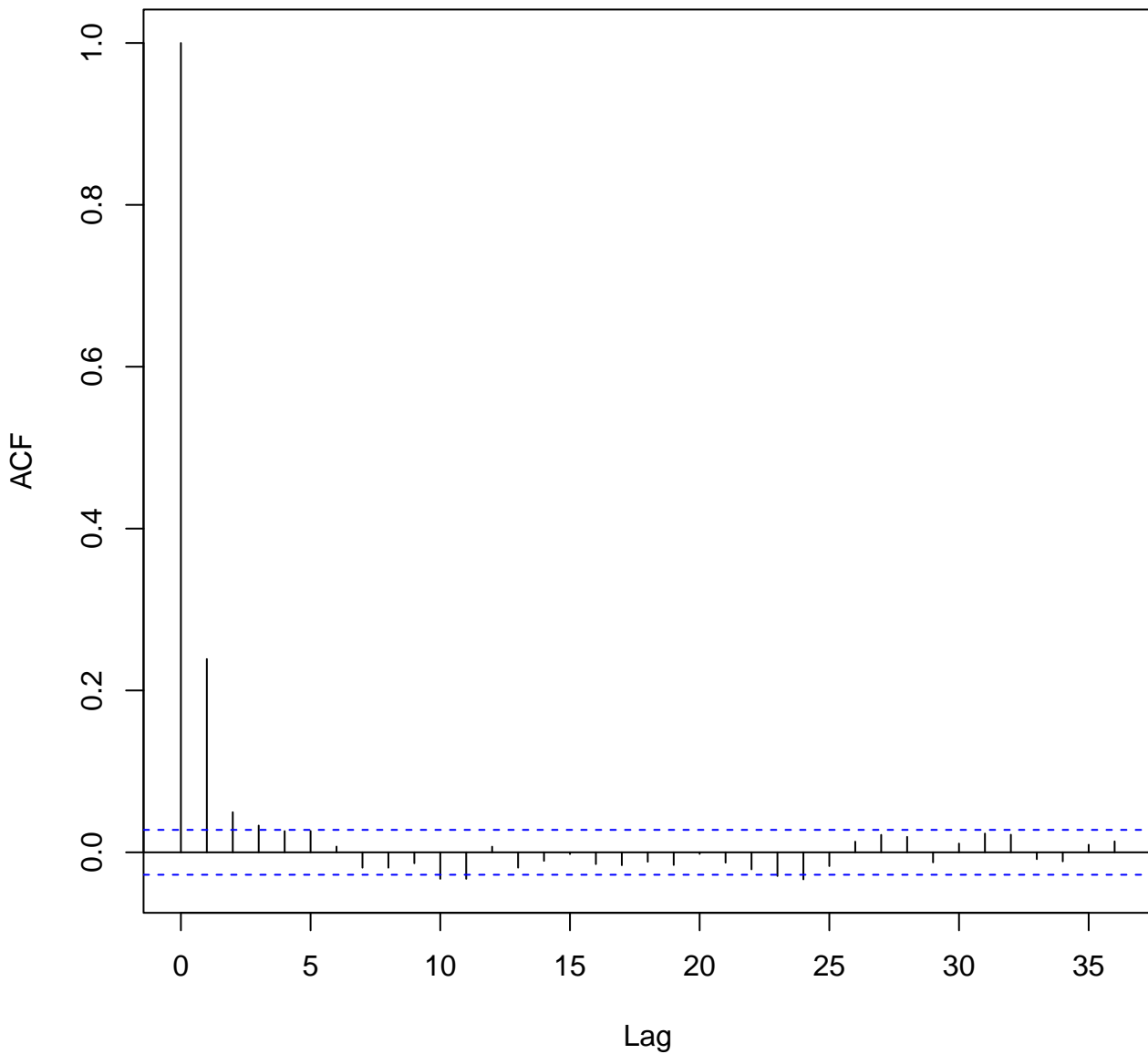
X\_48 chain 5



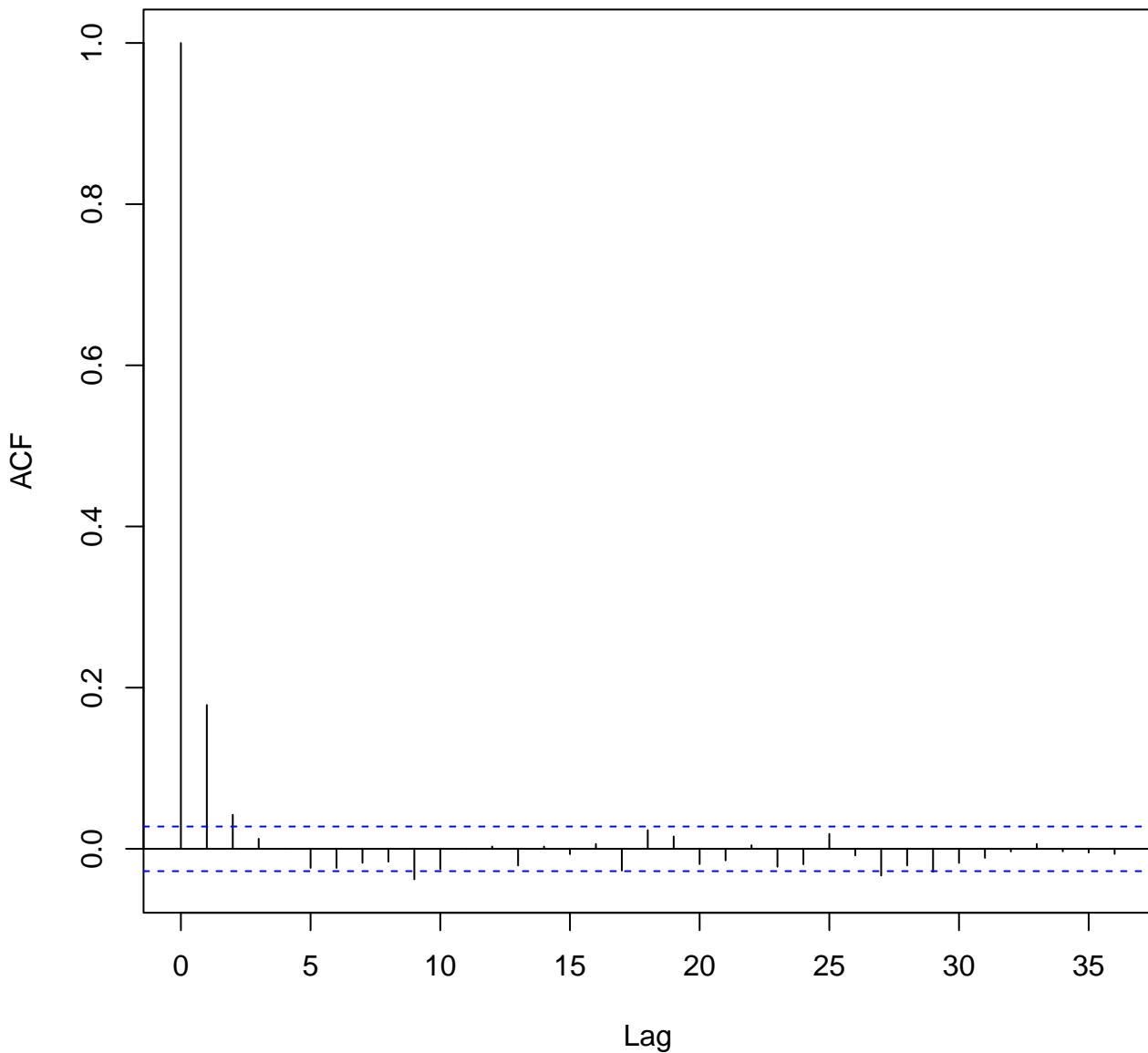
X\_48 chain 6



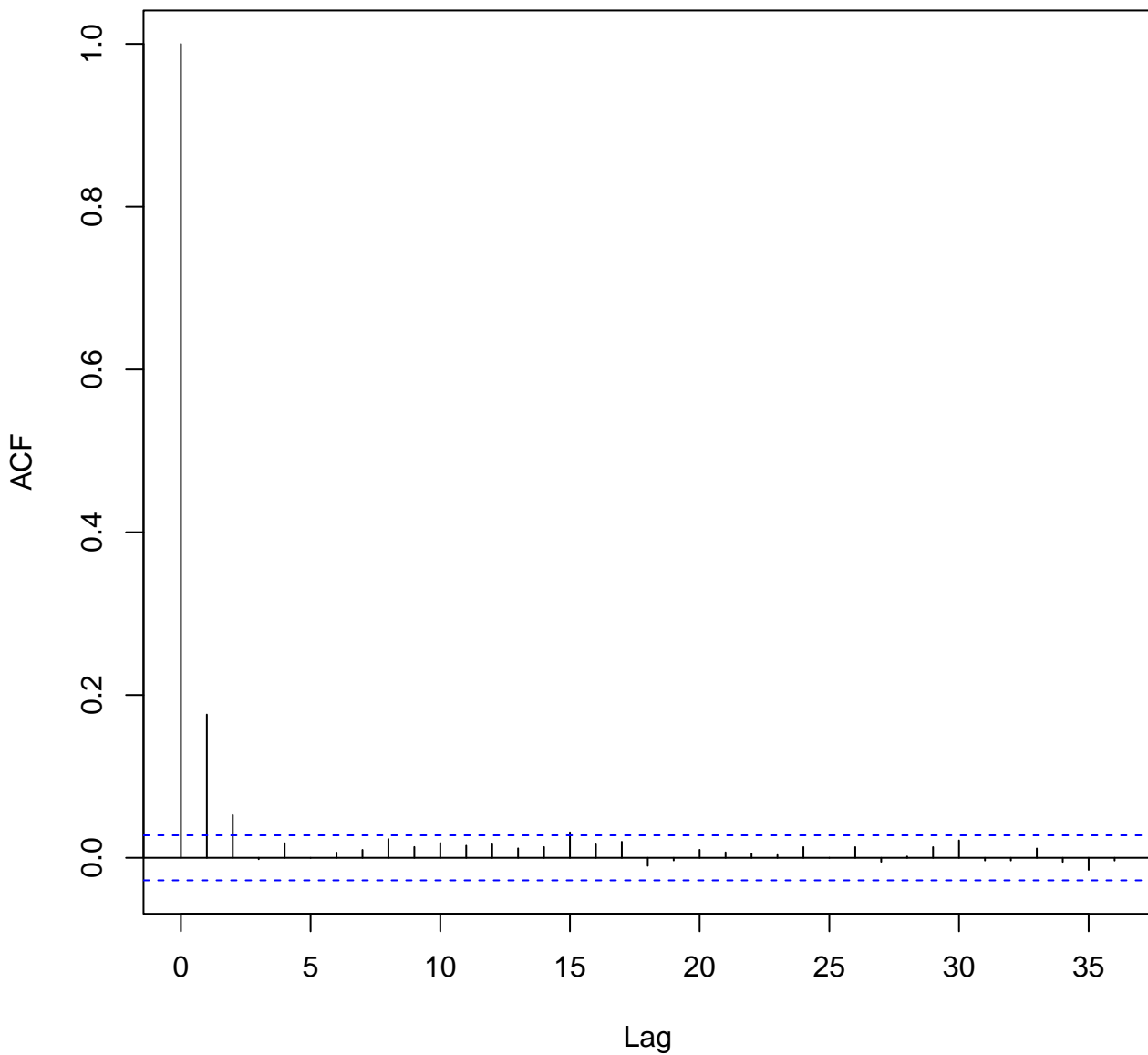
# X\_49 chain 1



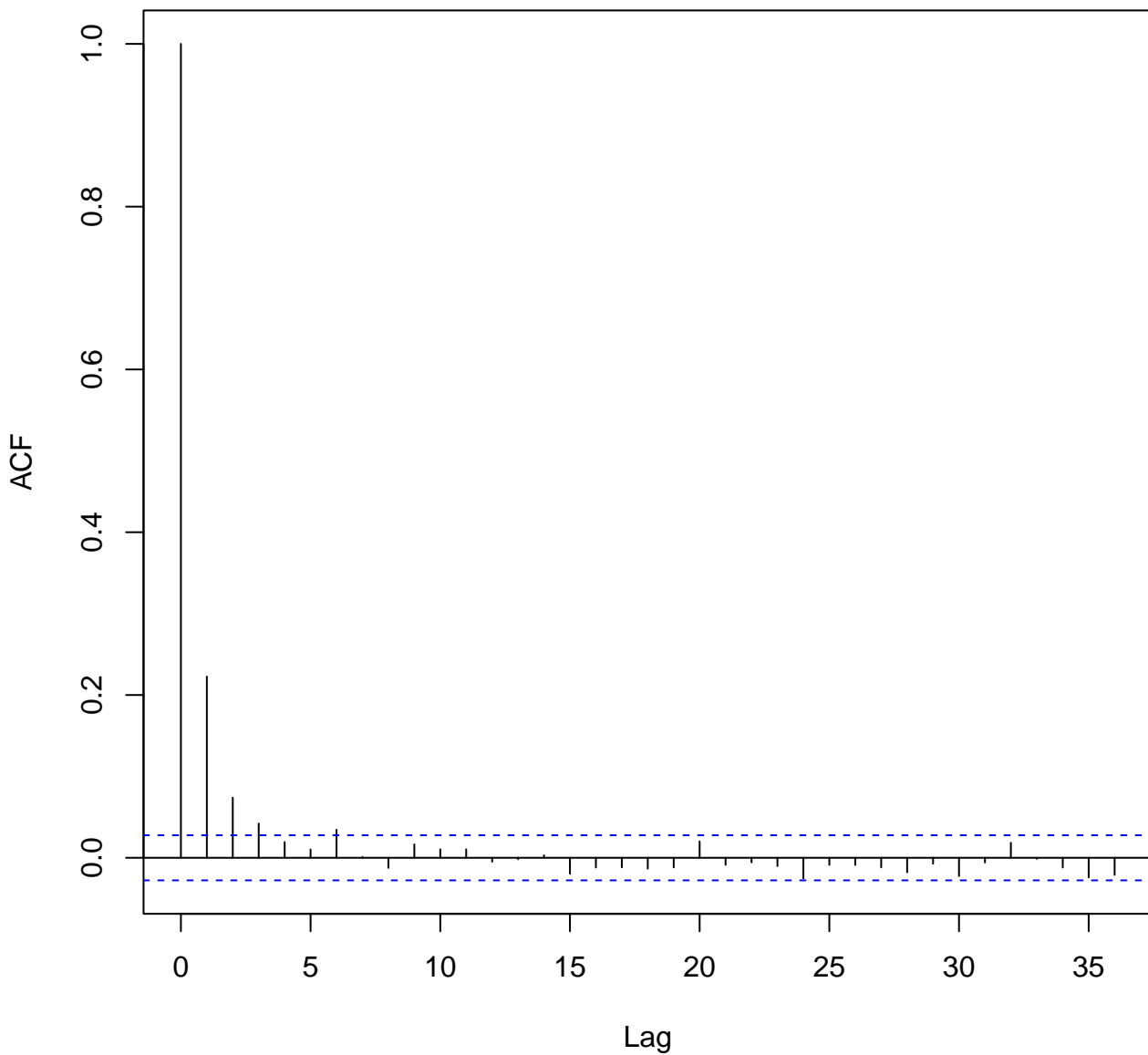
# X\_49 chain 2



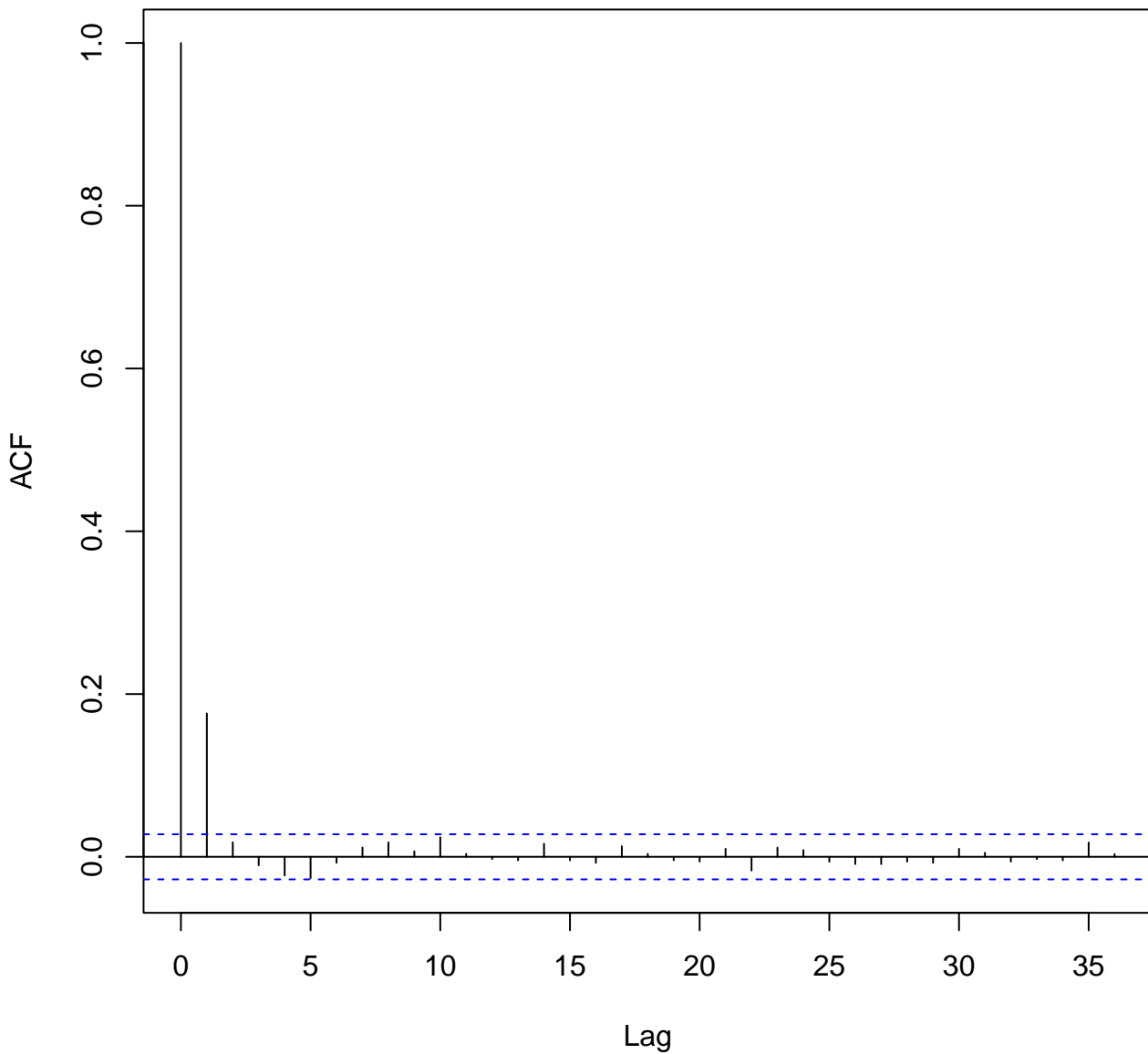
**X\_49 chain 3**



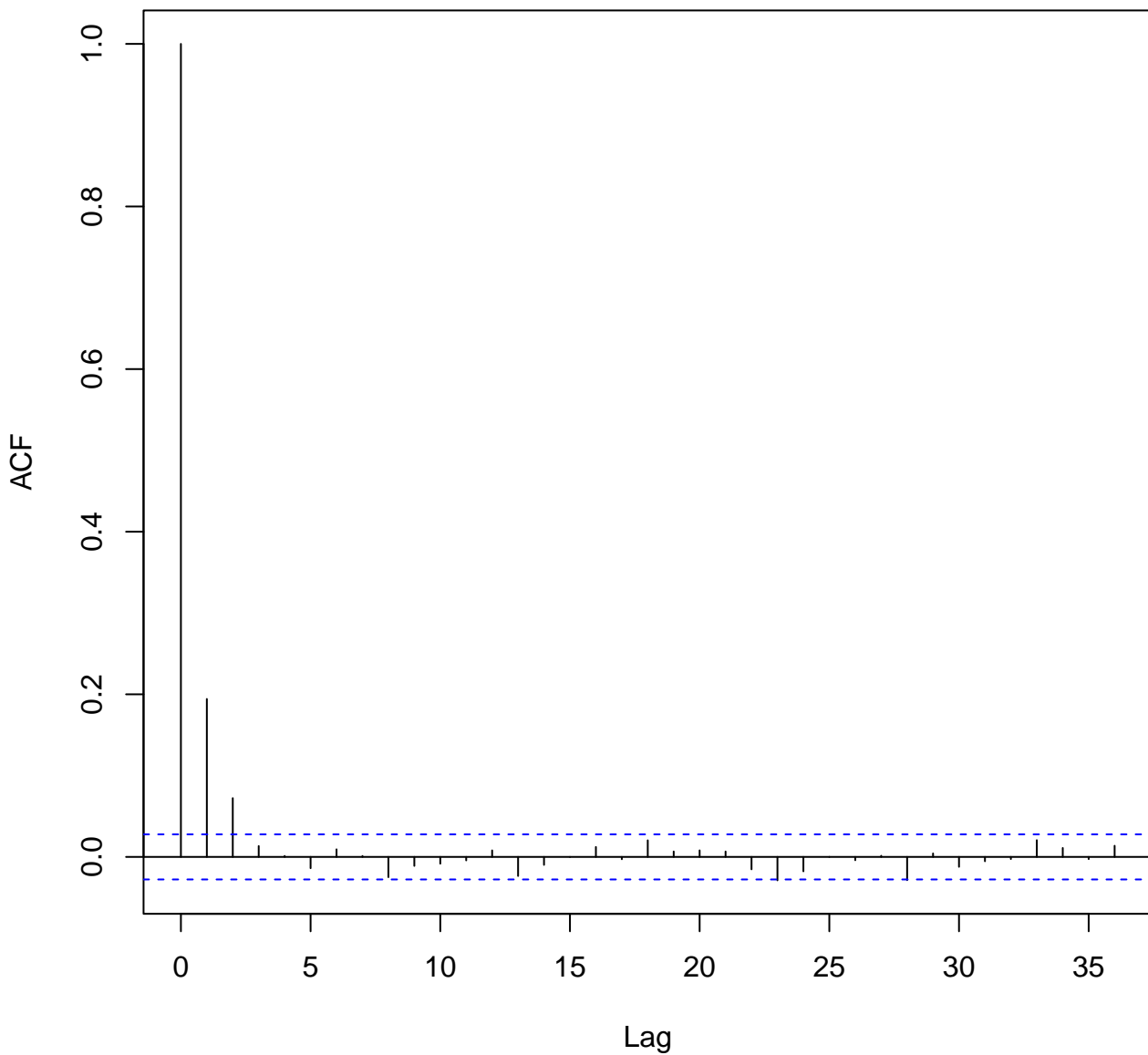
**X\_49 chain 4**



**X\_49 chain 5**

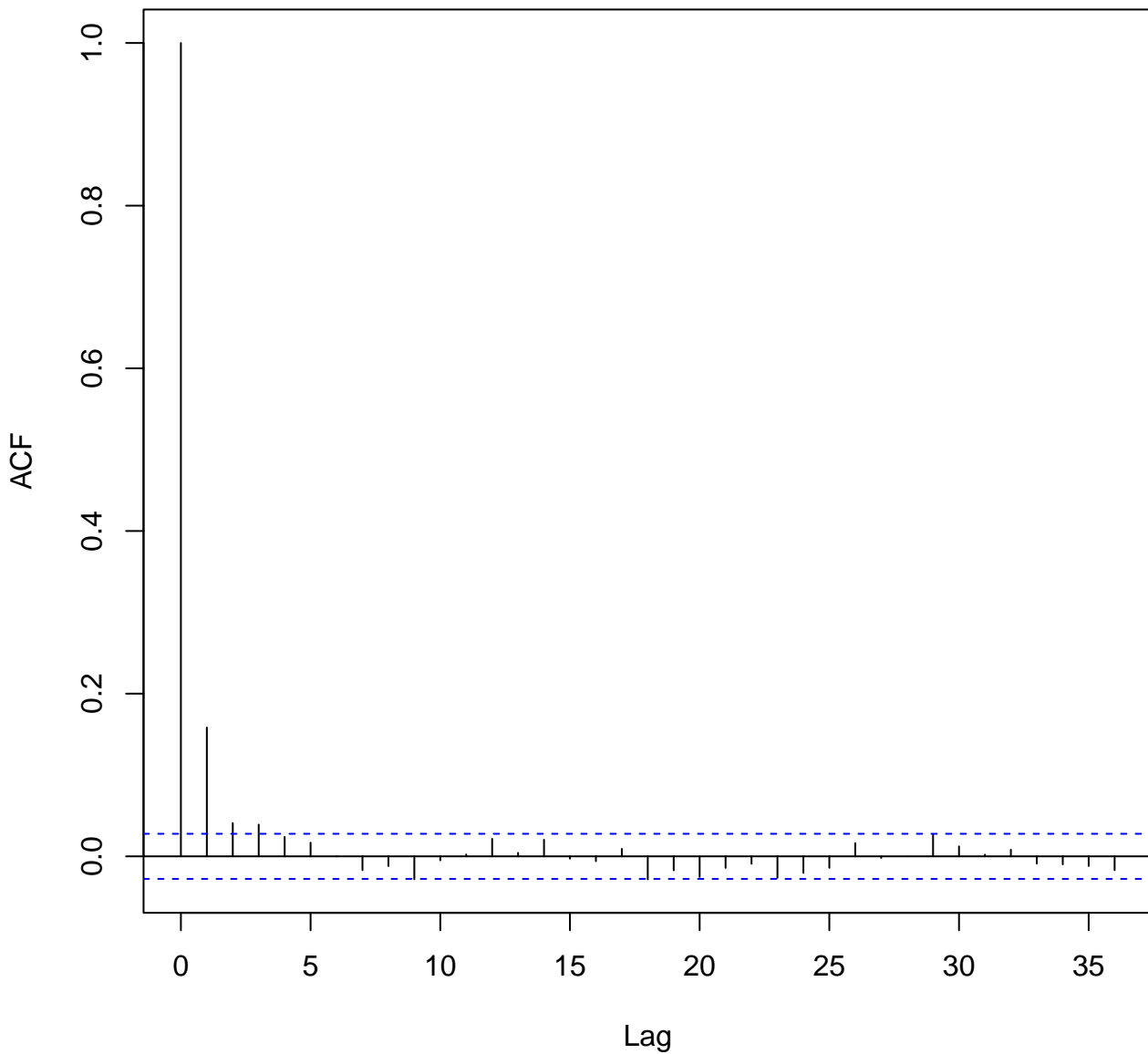


**X\_49 chain 6**

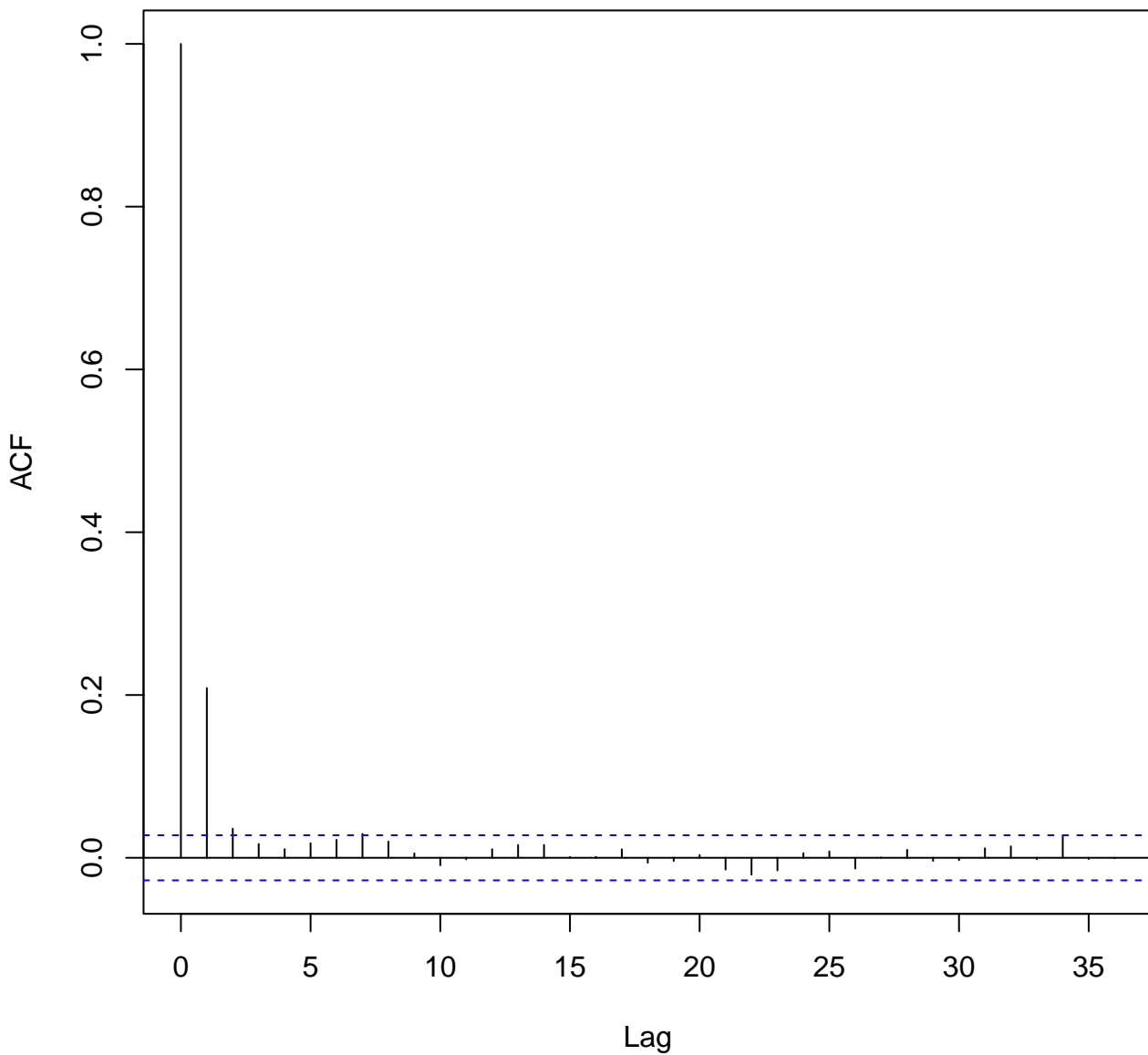




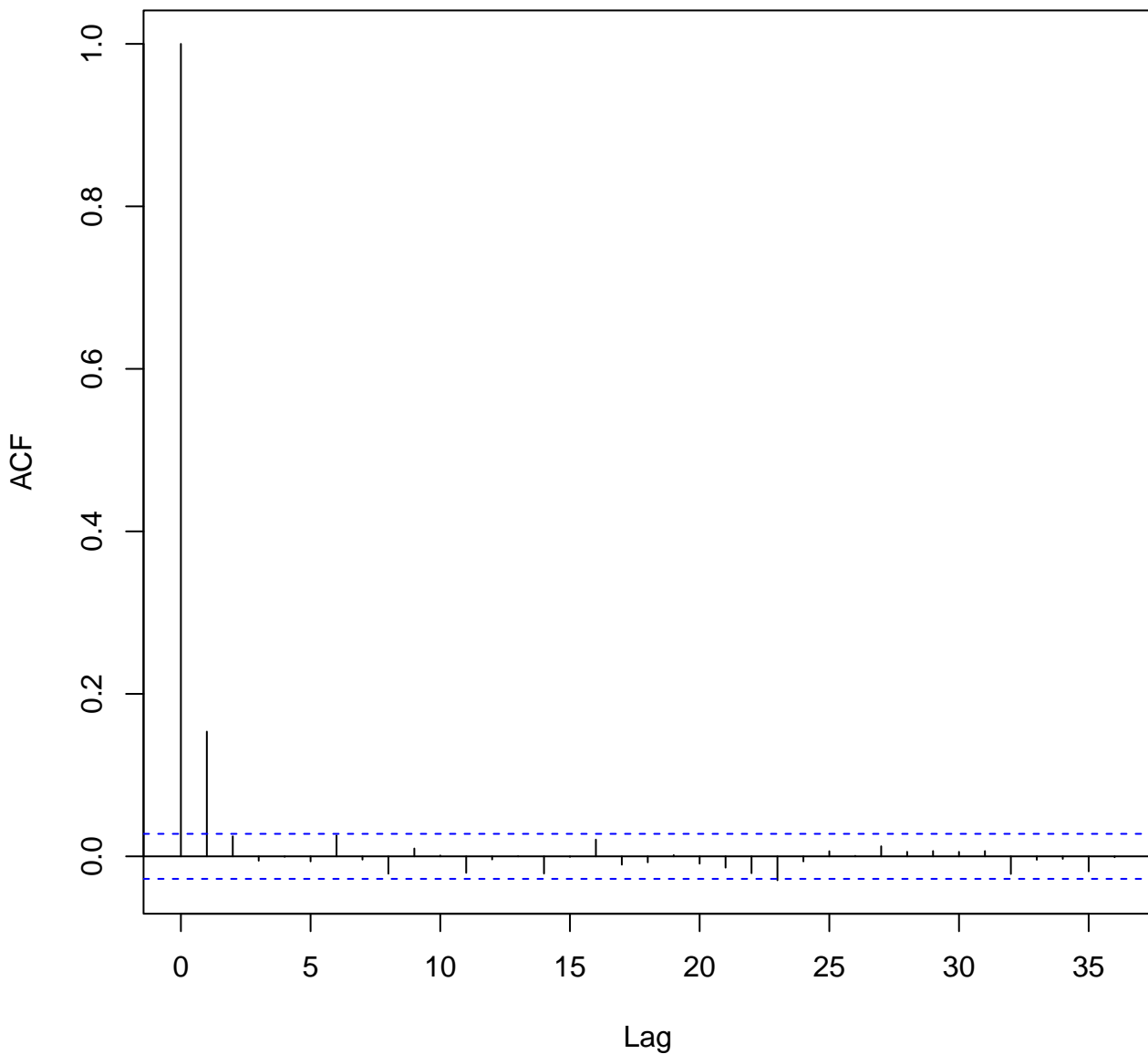
X\_50 chain 1



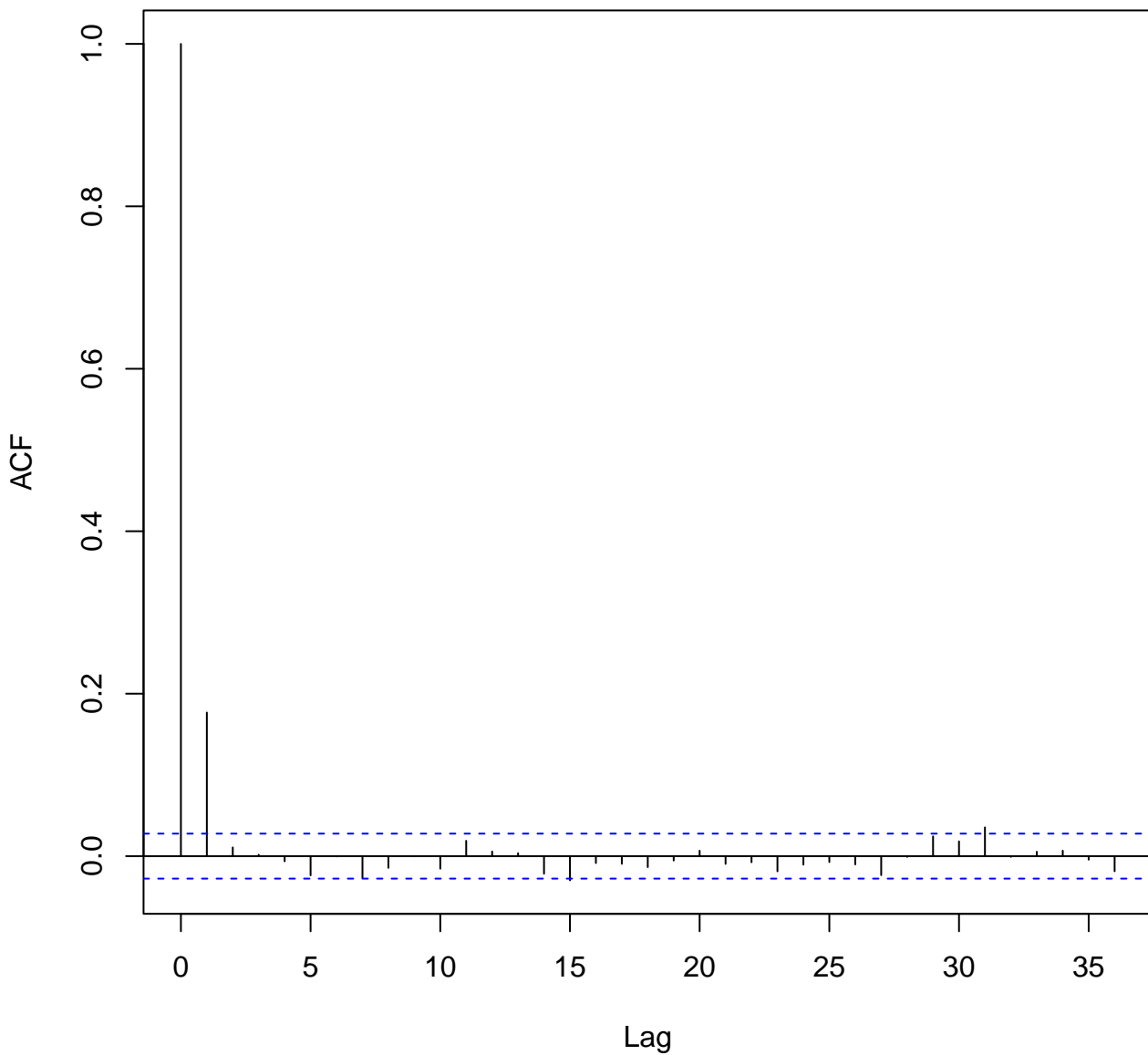
**X\_50 chain 2**



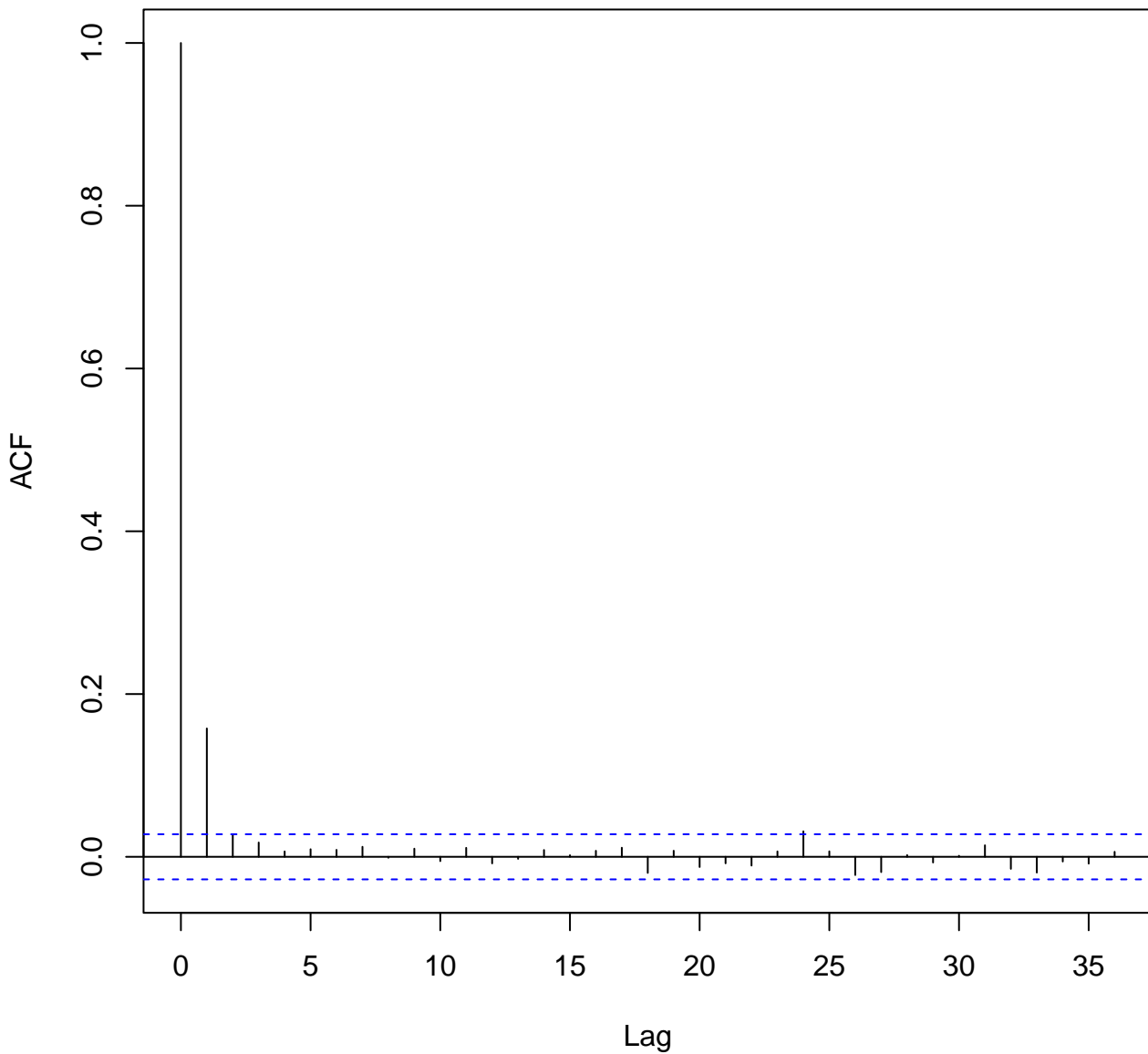
**X\_50 chain 3**



**X\_50 chain 4**



**X\_50 chain 5**



X\_50 chain 6

