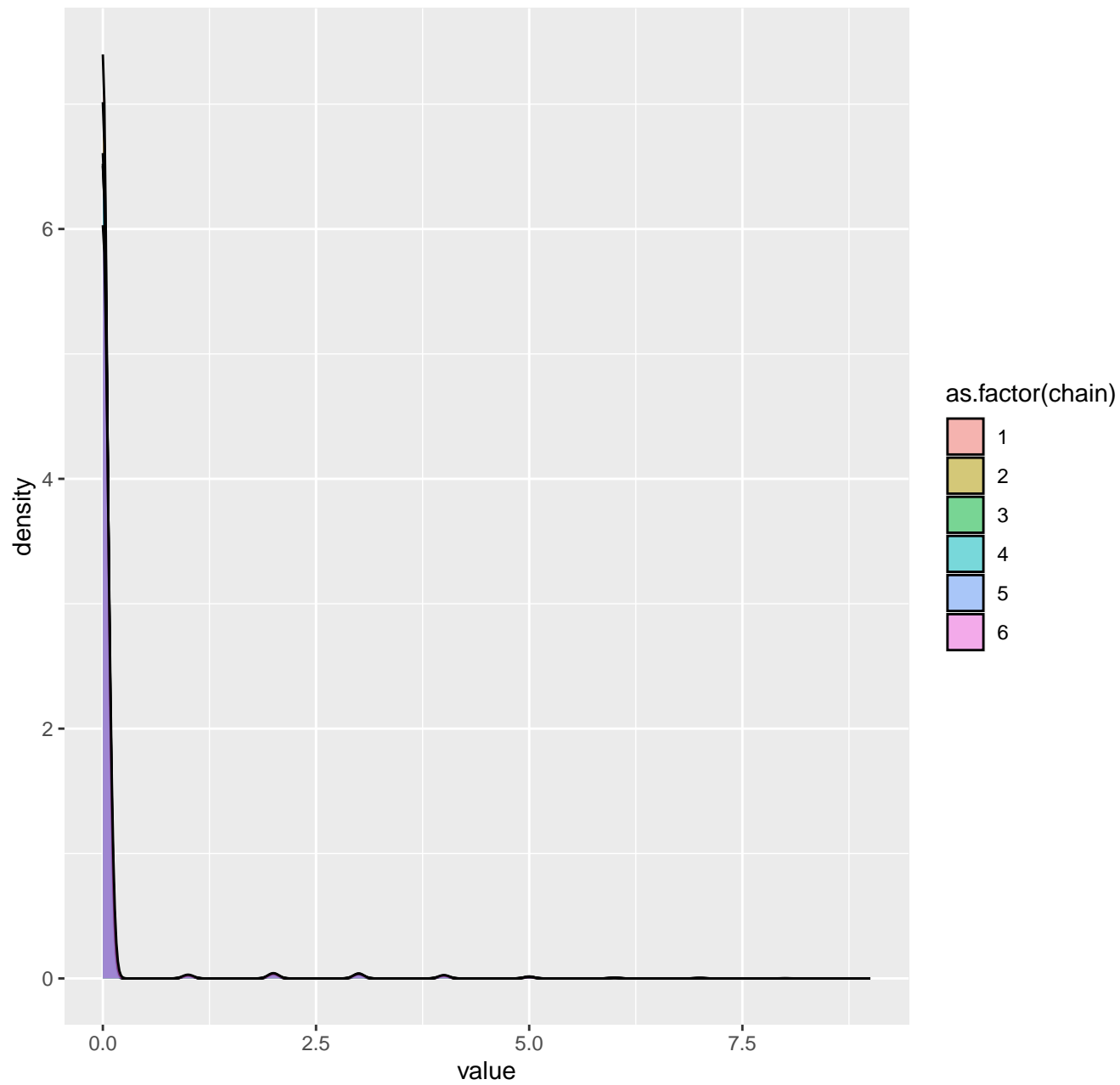
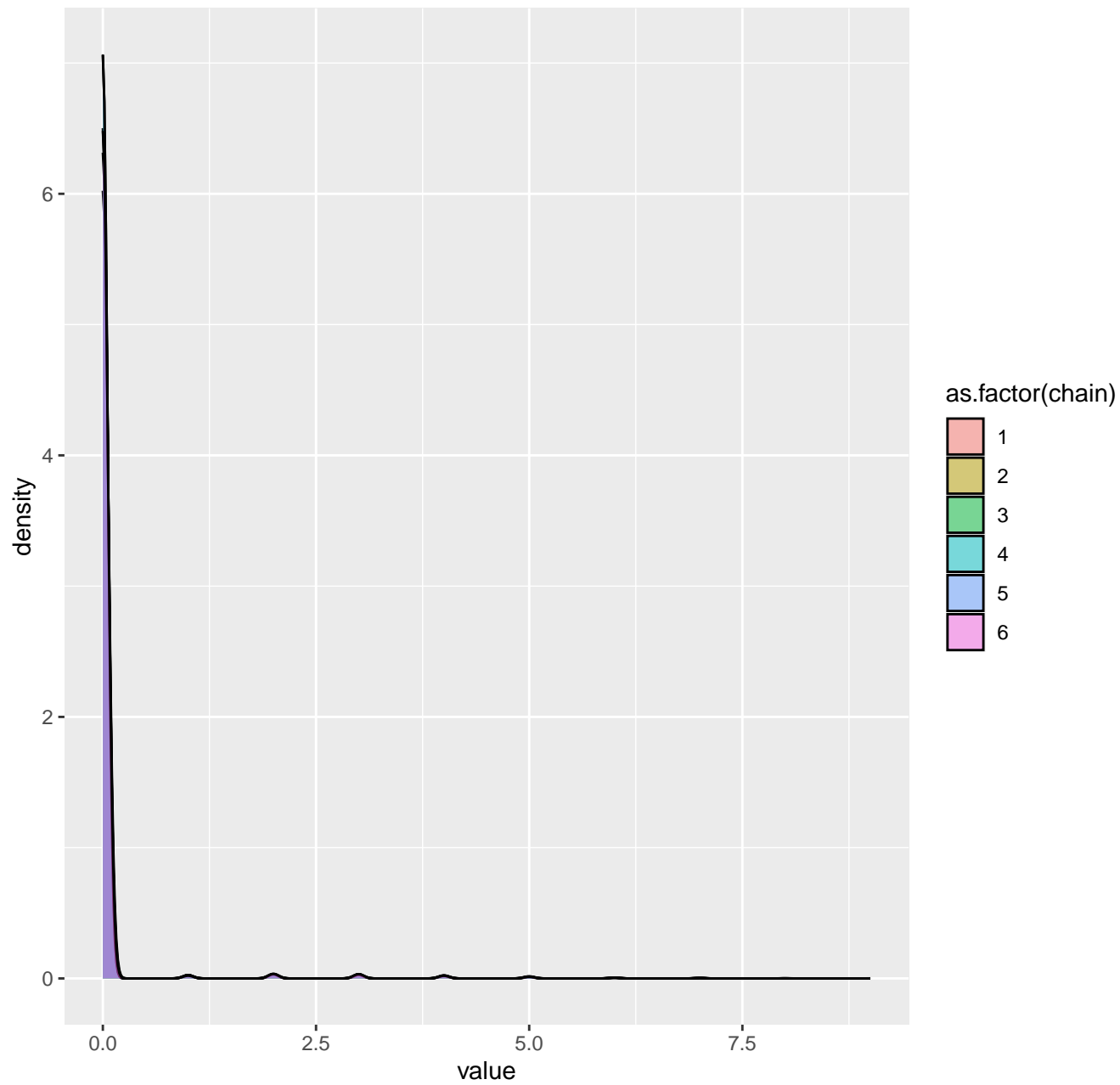


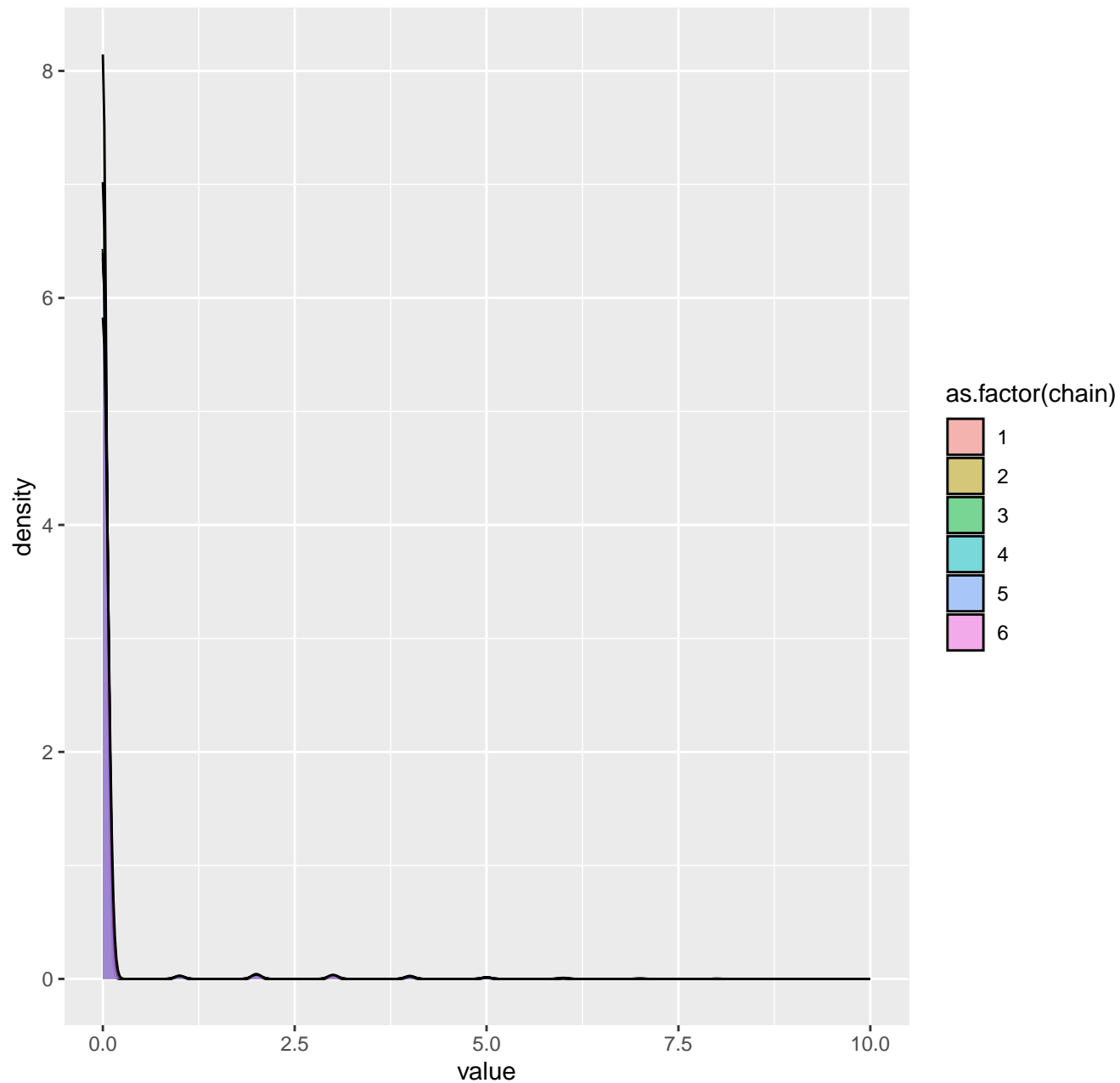
Density plot of X_1 over the chains



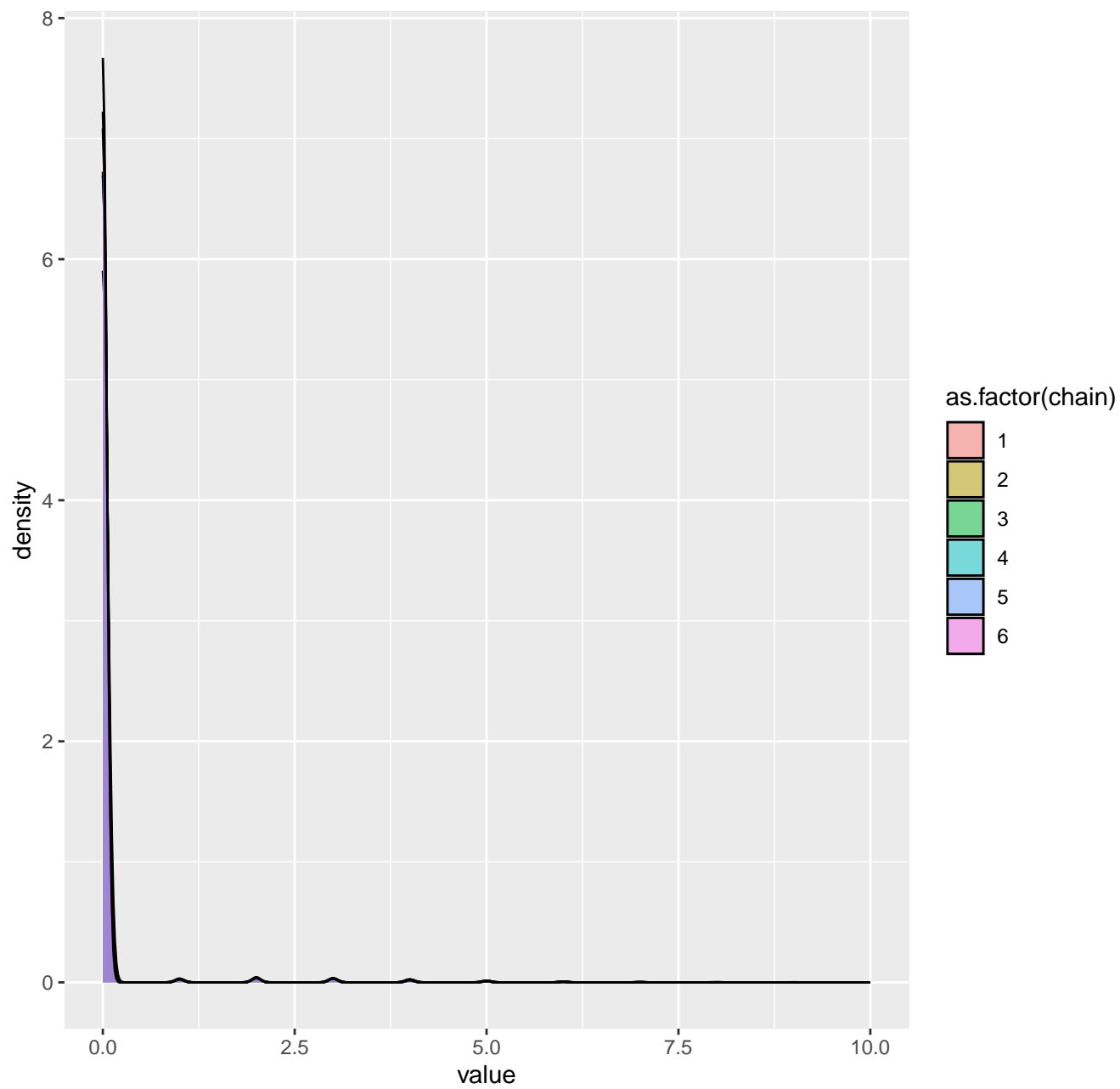
Density plot of X_2 over the chains



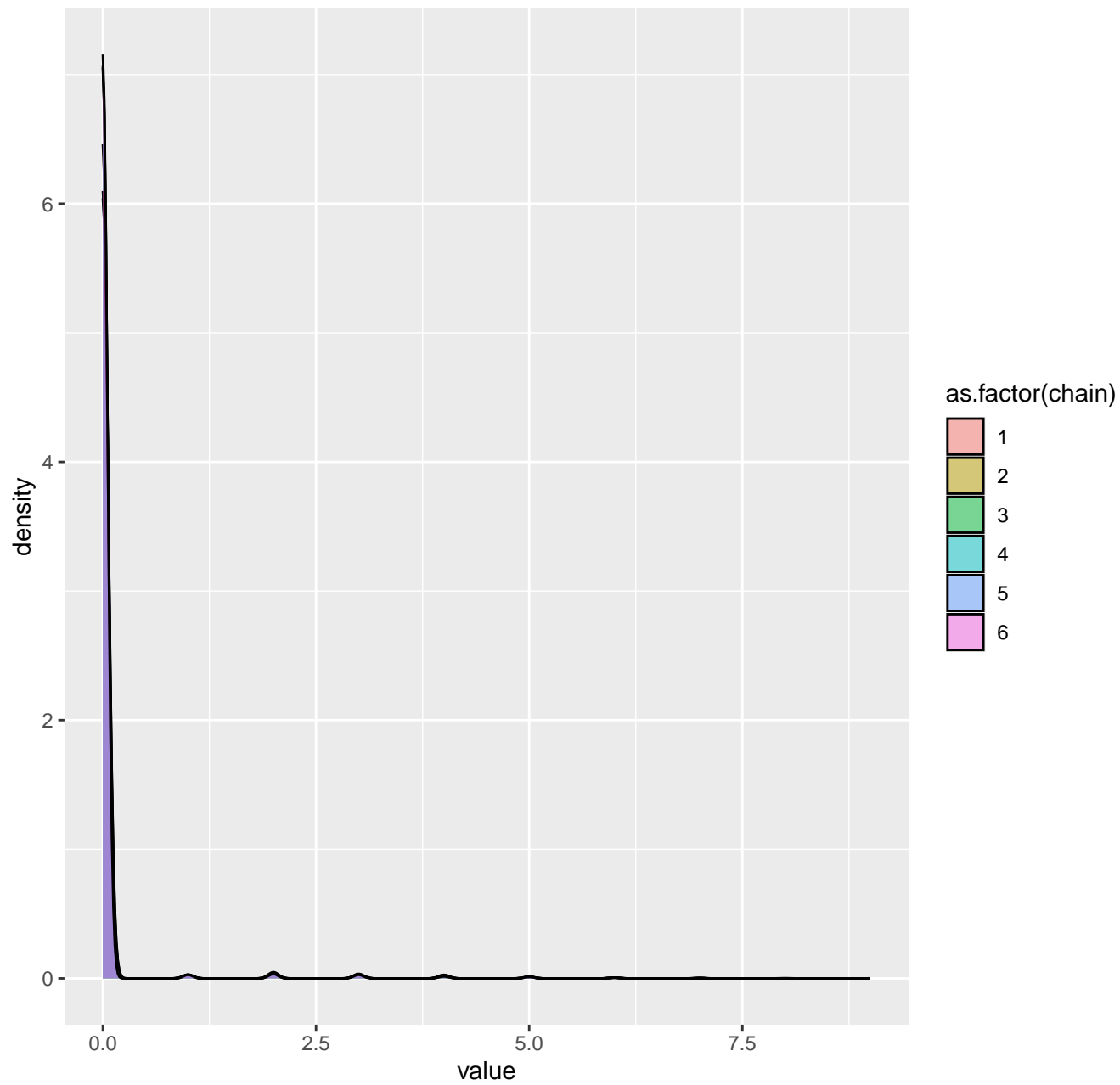
Density plot of X_3 over the chains



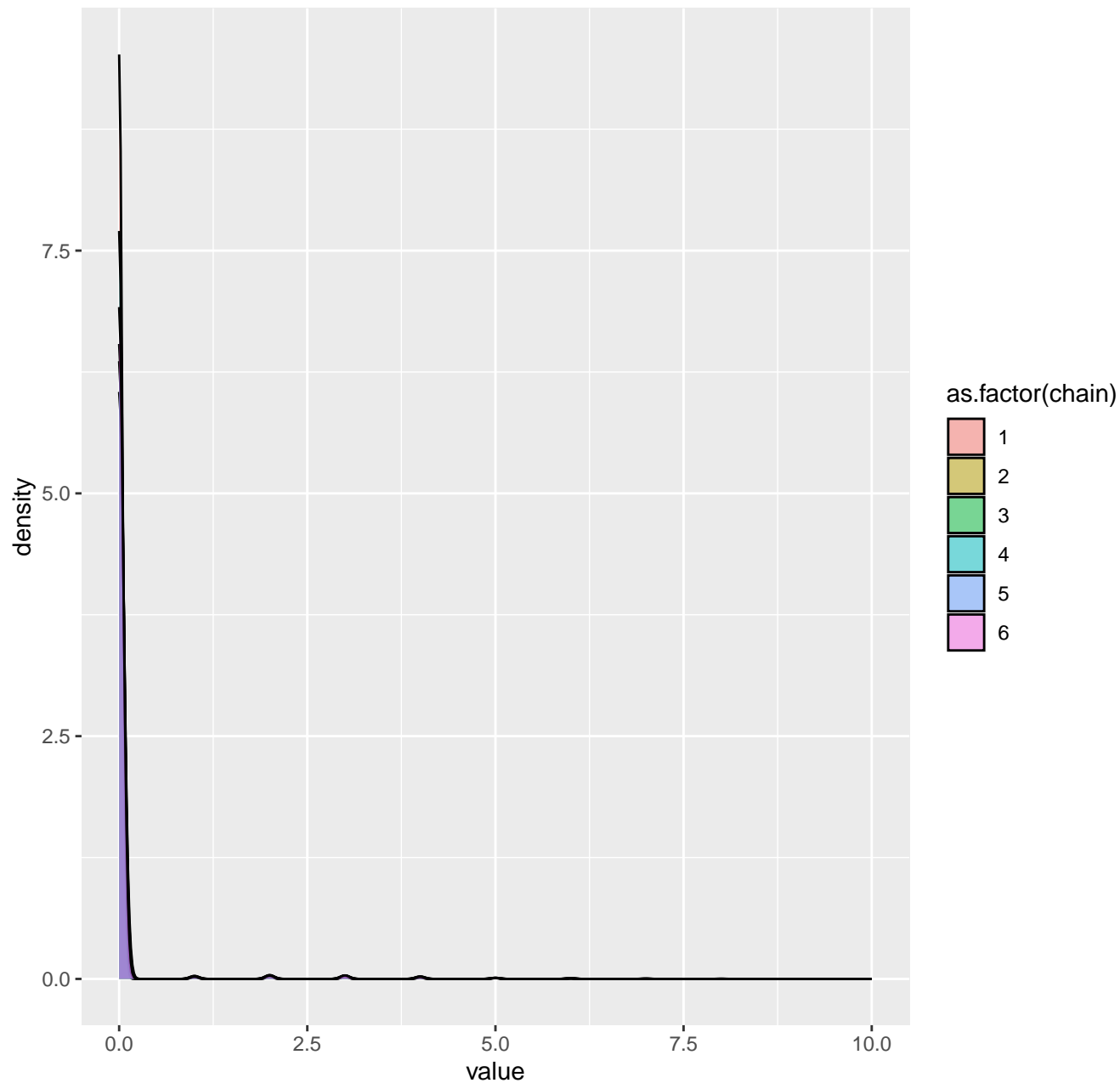
Density plot of X_4 over the chains



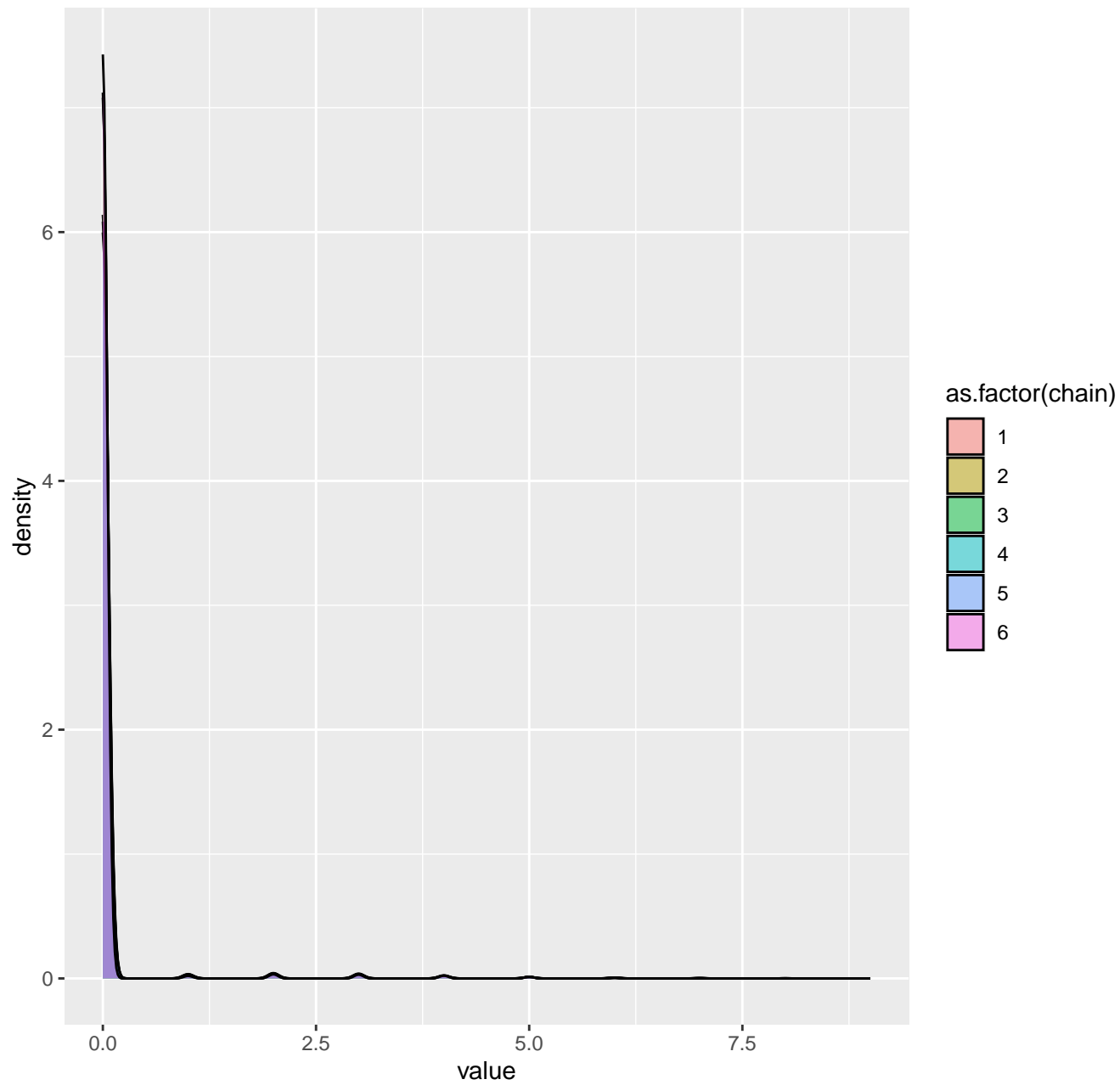
Density plot of X_5 over the chains



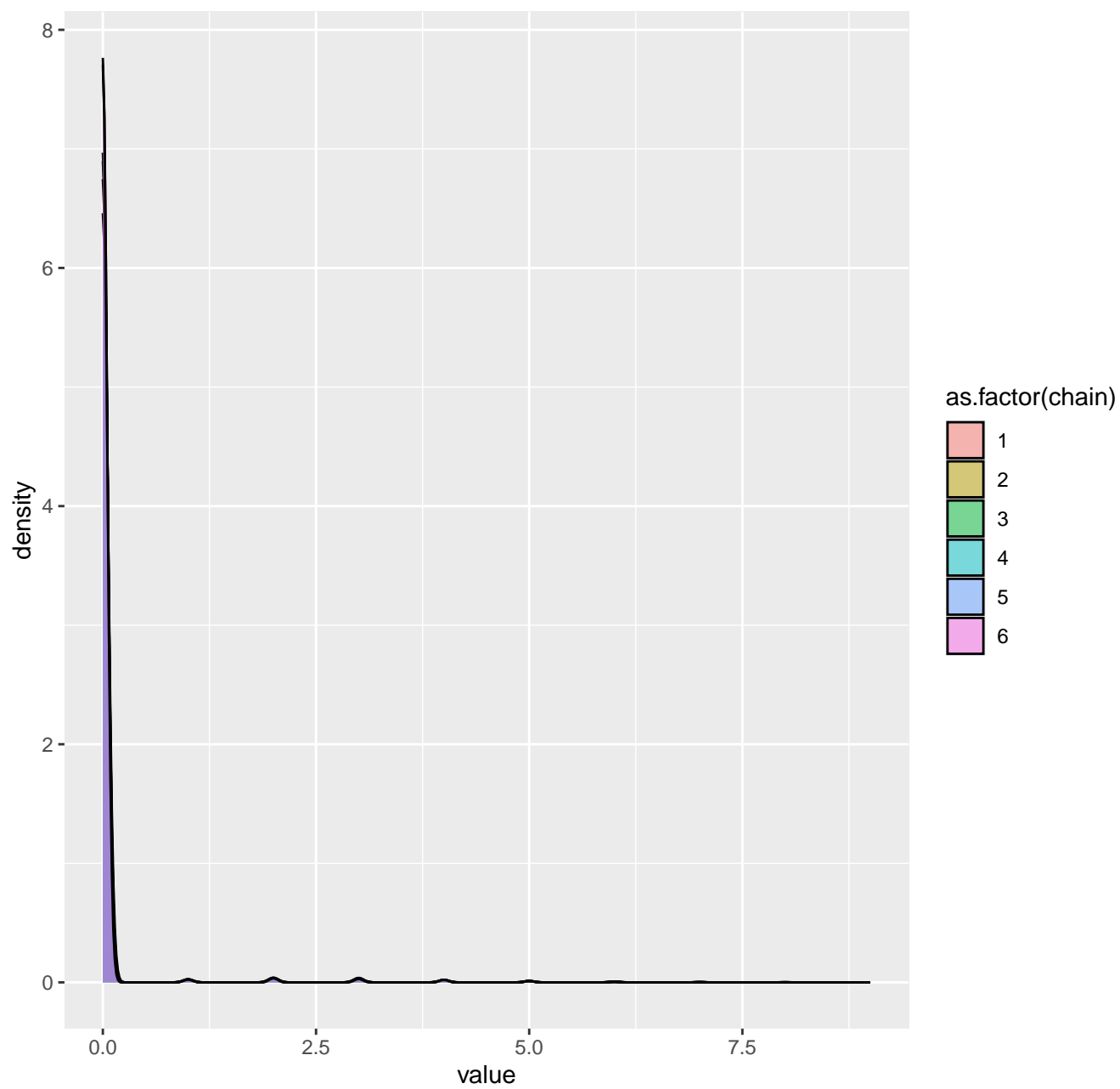
Density plot of X_6 over the chains



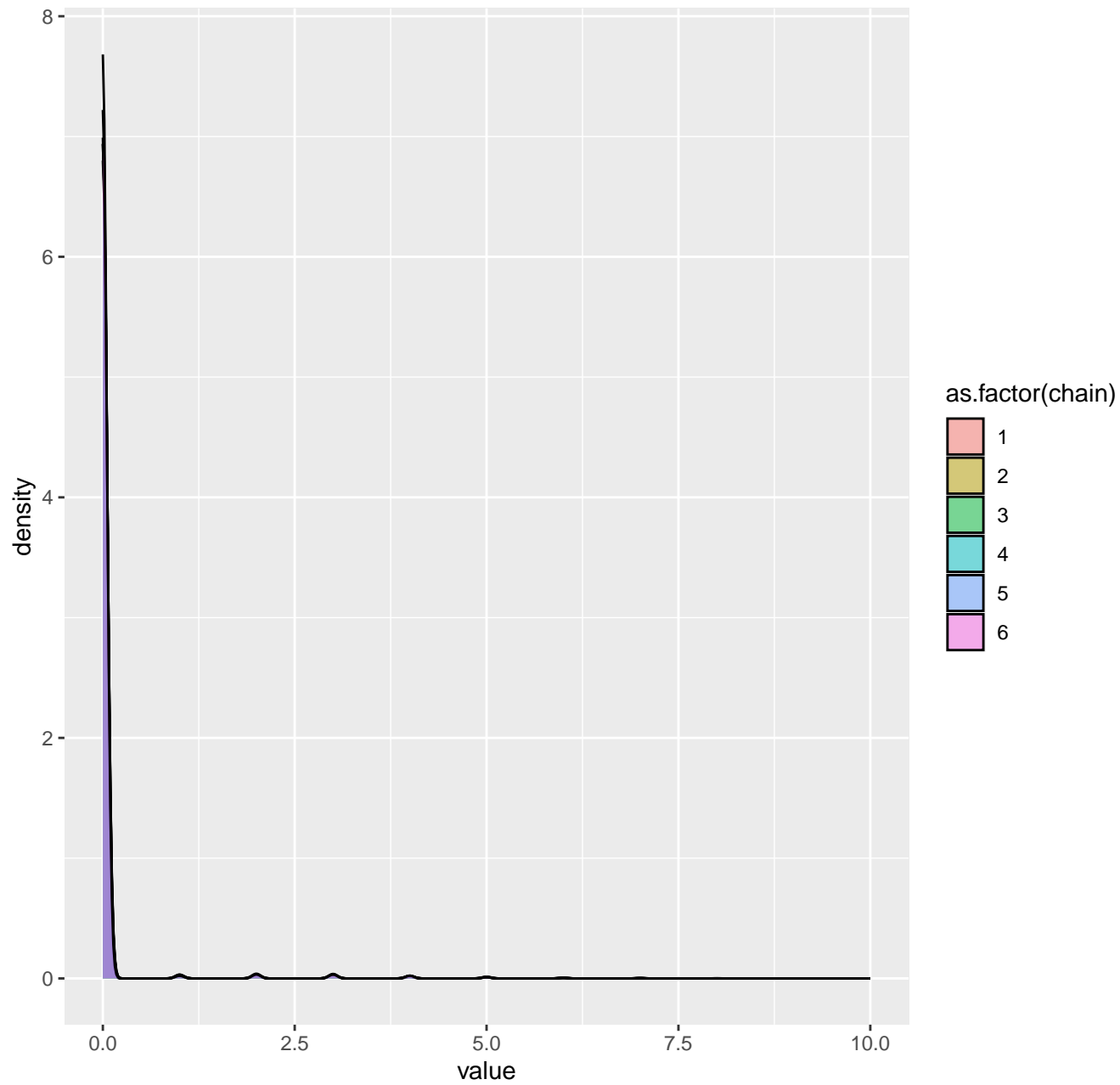
Density plot of X_7 over the chains



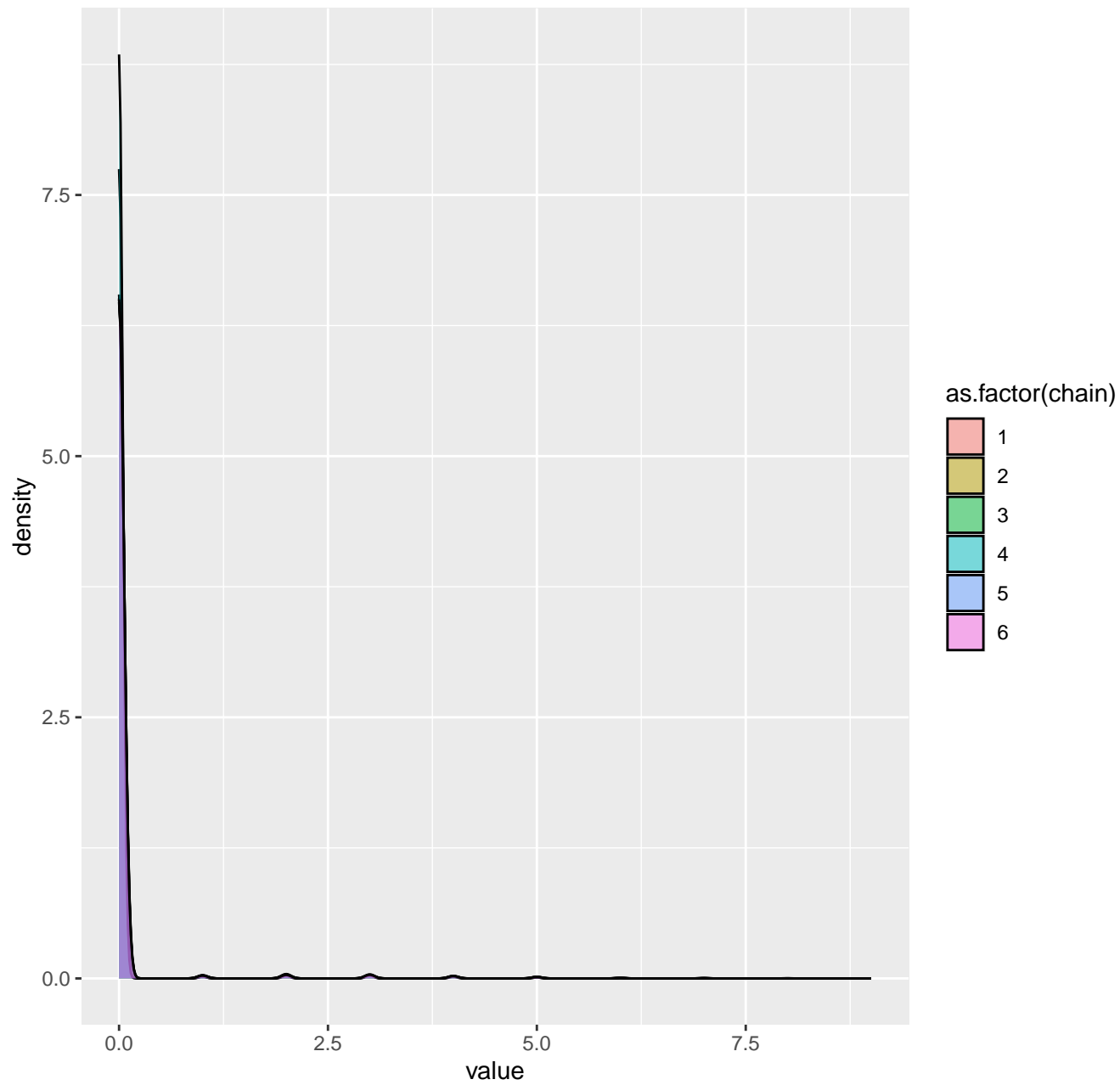
Density plot of X_8 over the chains



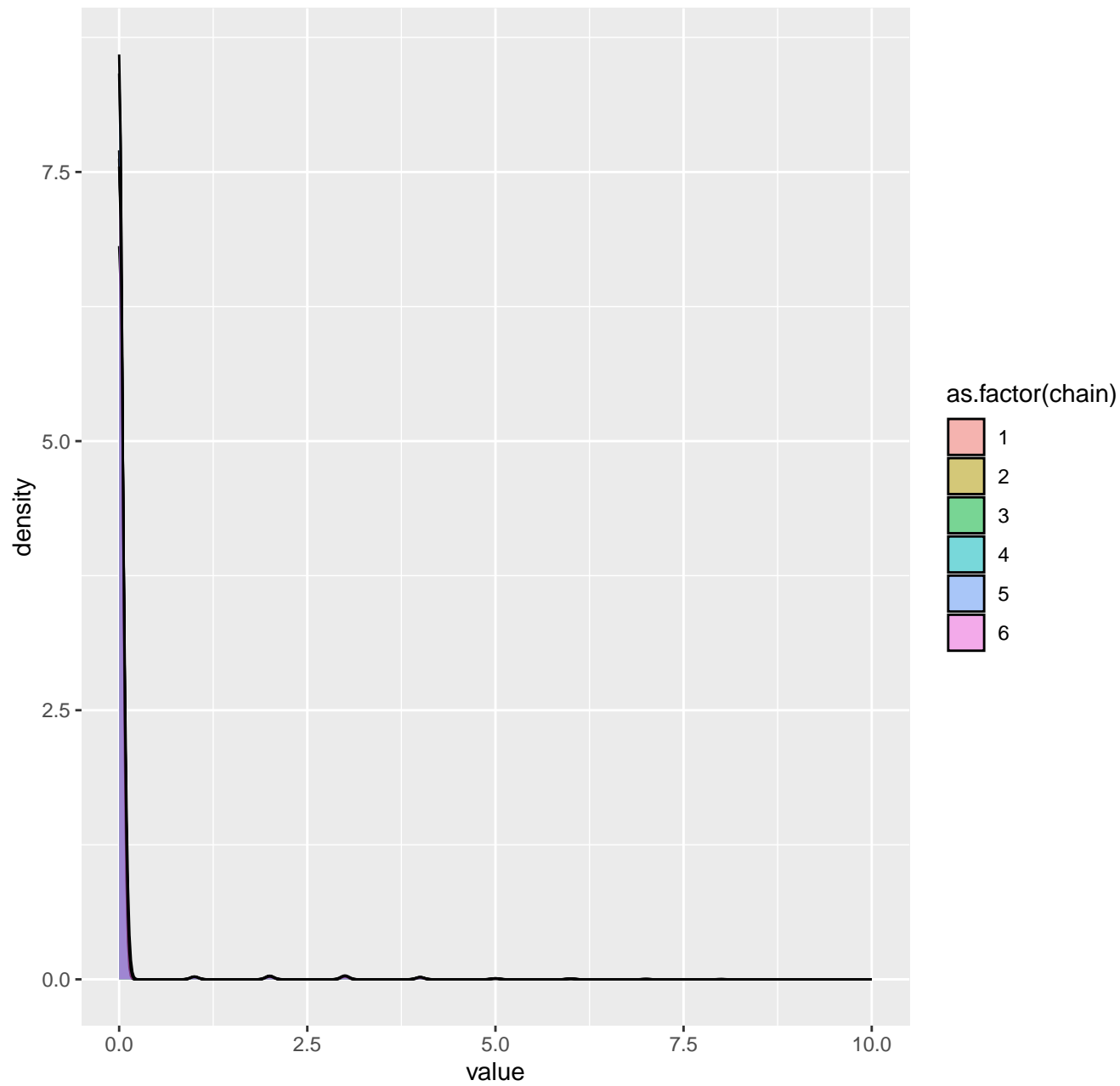
Density plot of X_9 over the chains



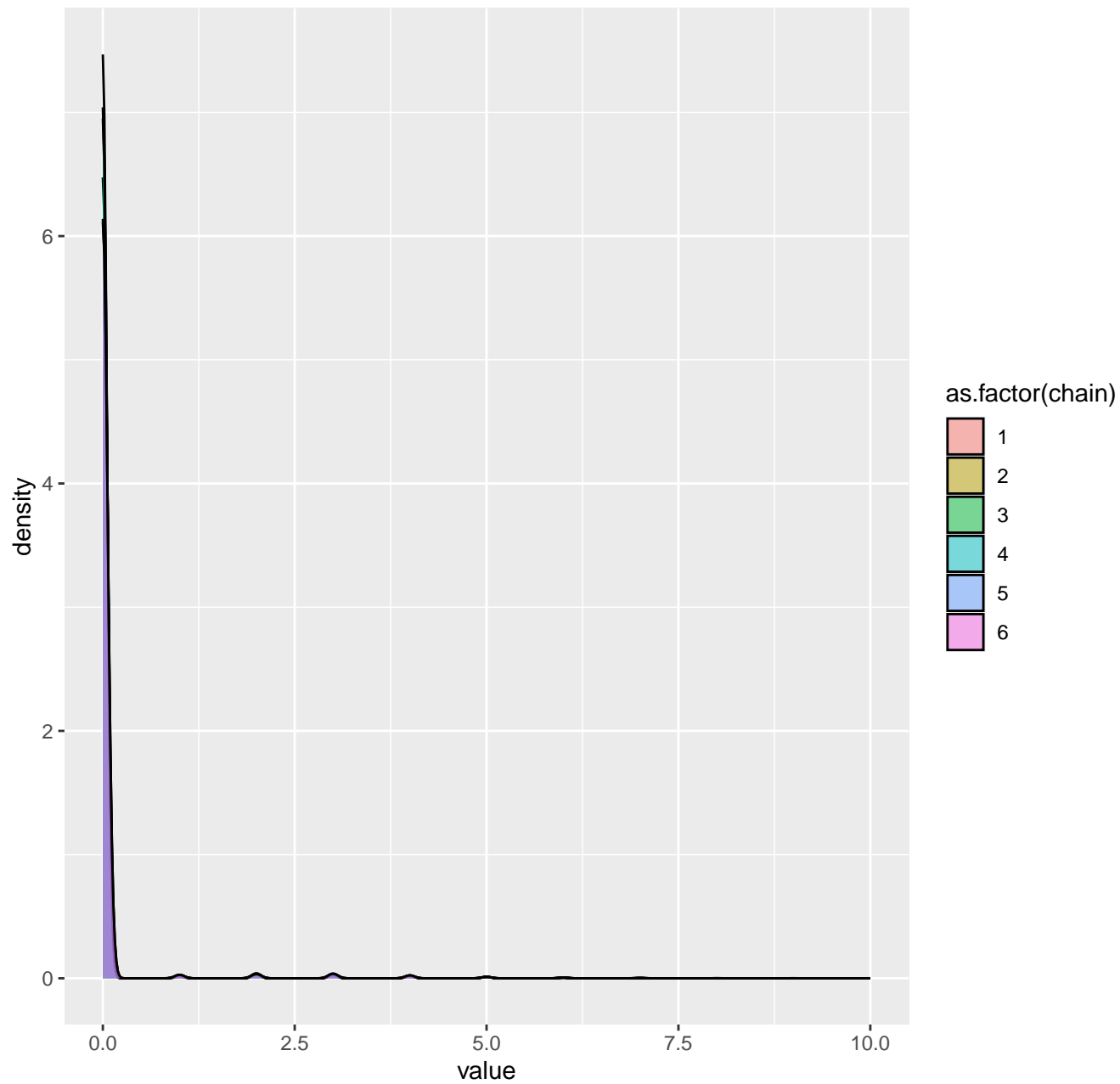
Density plot of X_10 over the chains



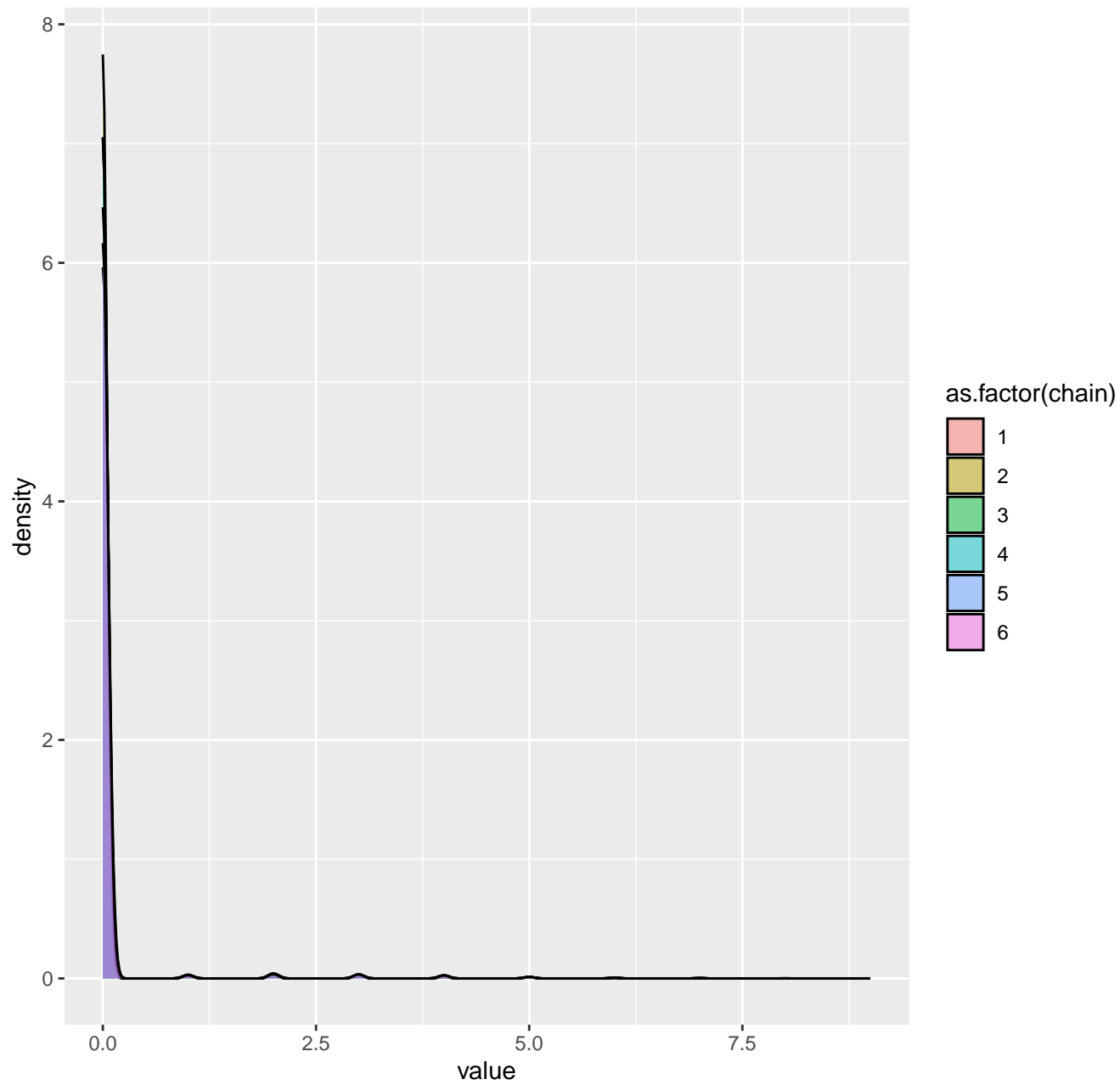
Density plot of X_11 over the chains



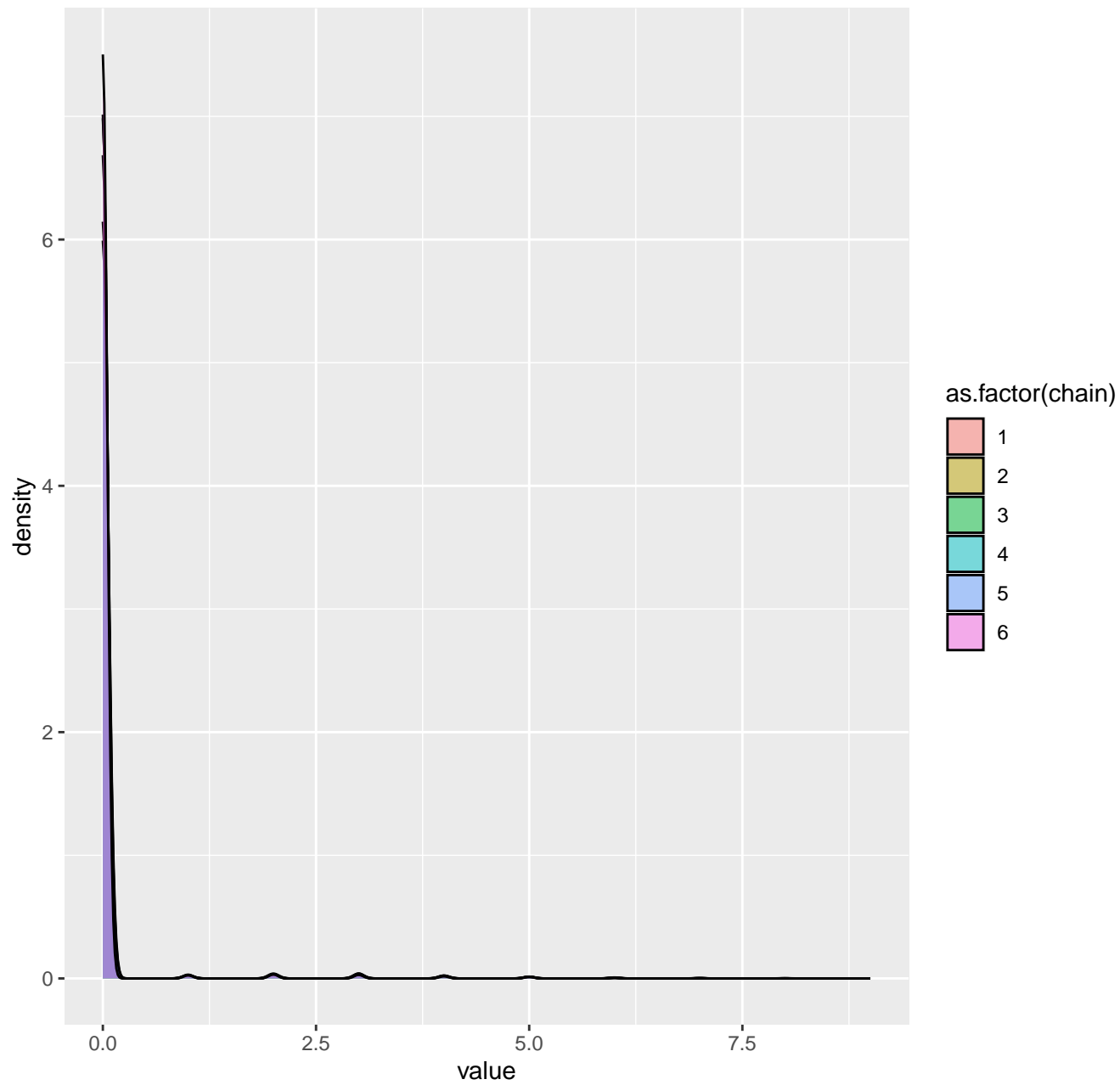
Density plot of X_12 over the chains



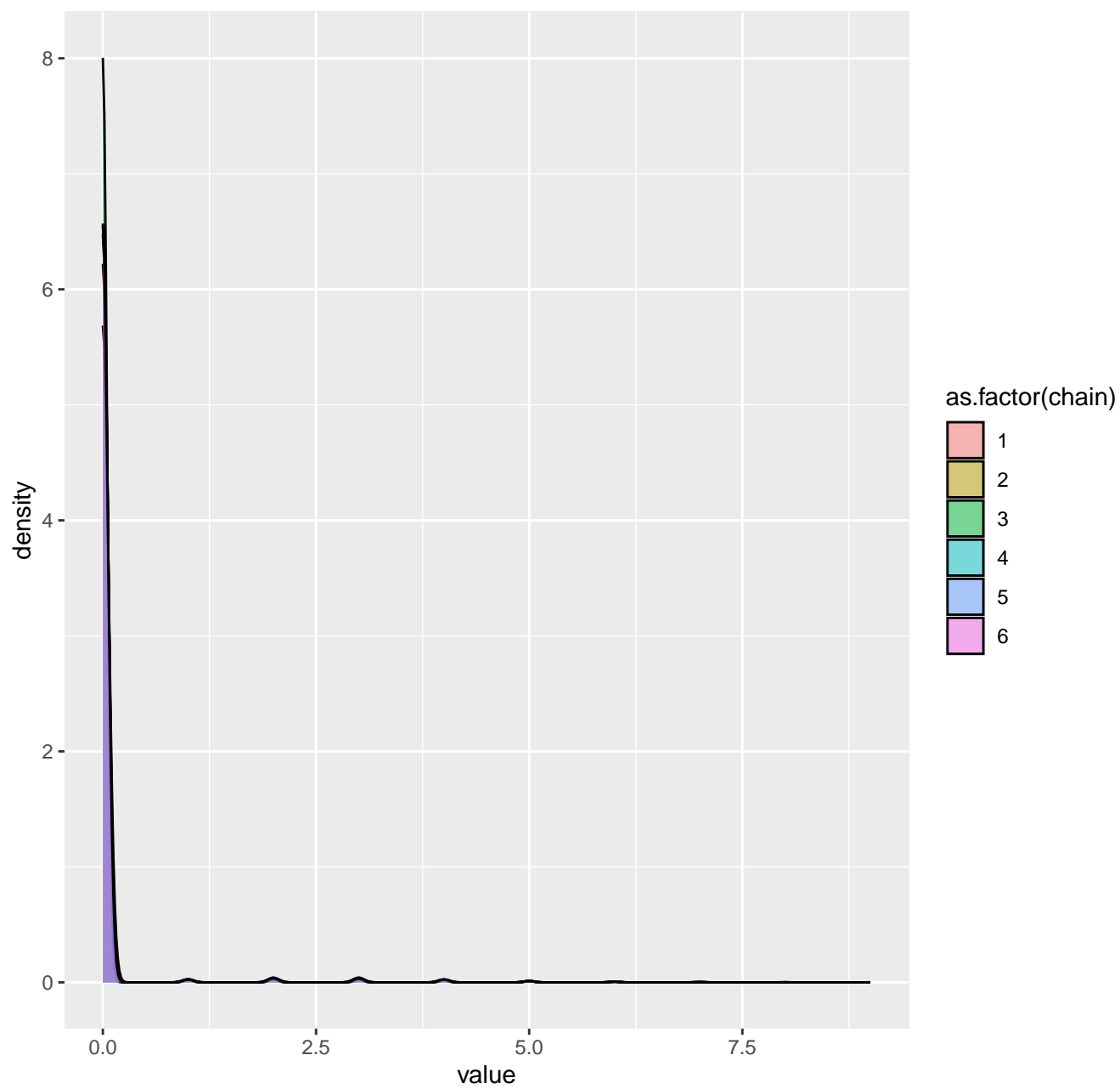
Density plot of X_13 over the chains



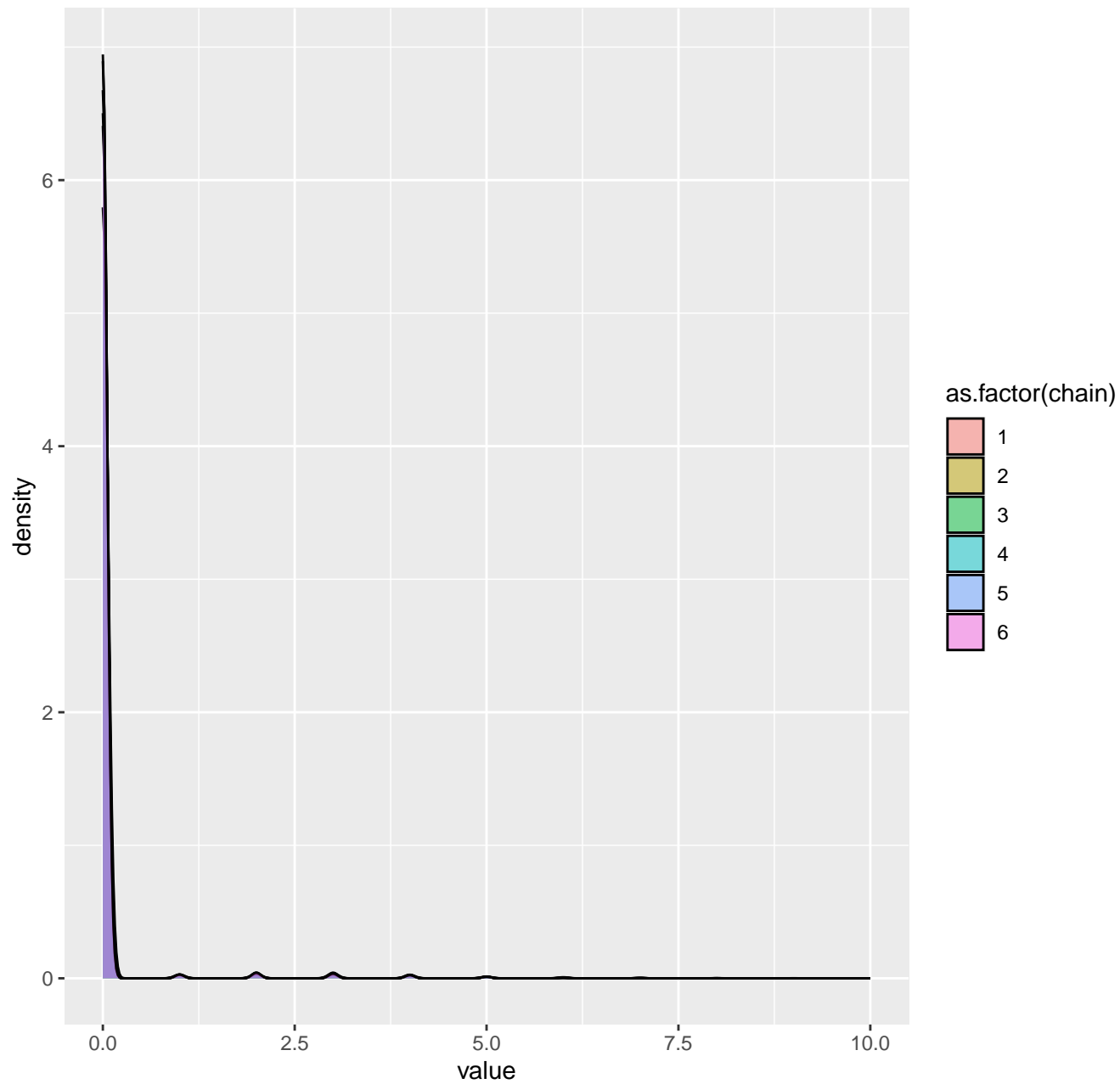
Density plot of X_14 over the chains



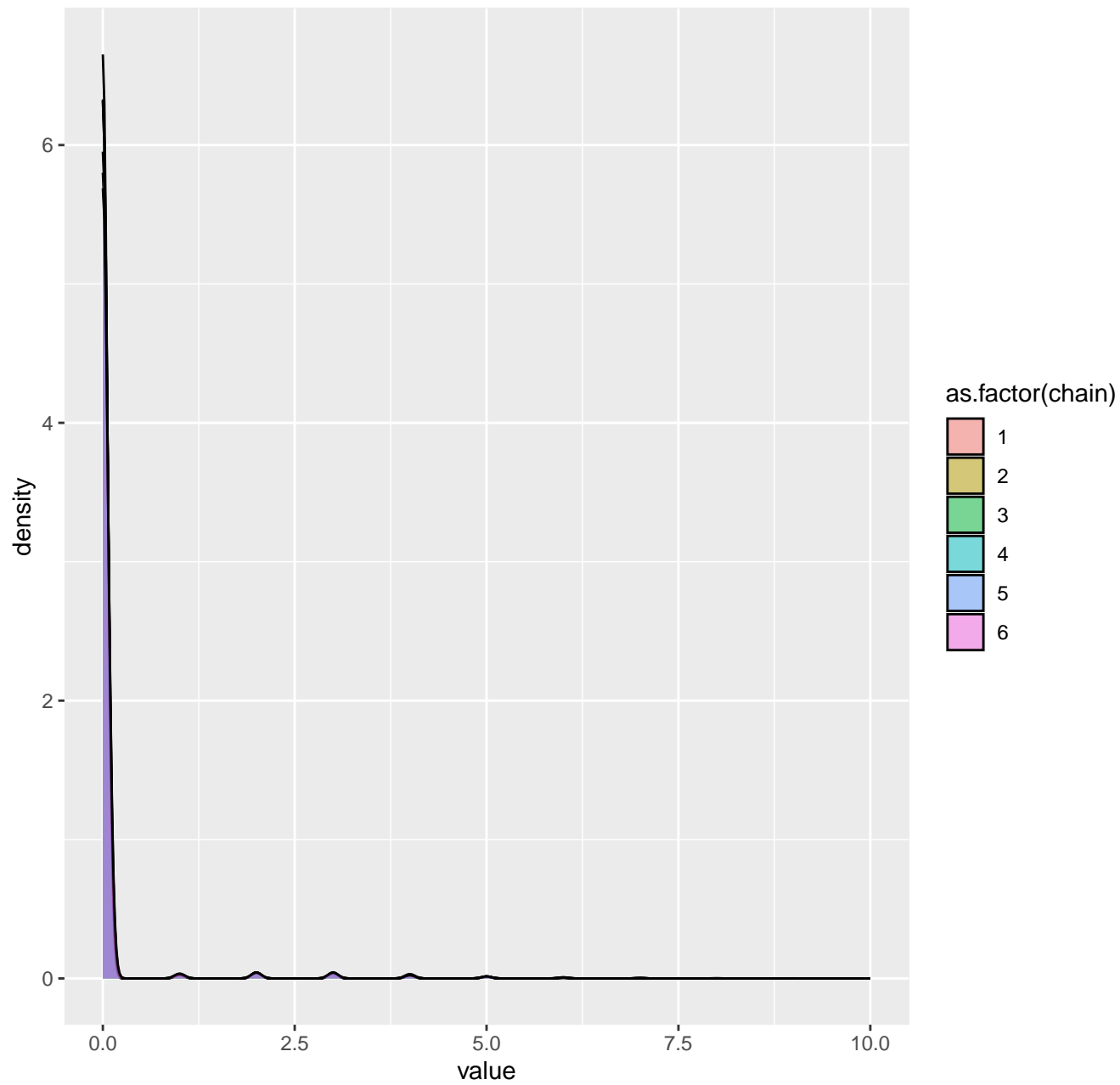
Density plot of X_15 over the chains



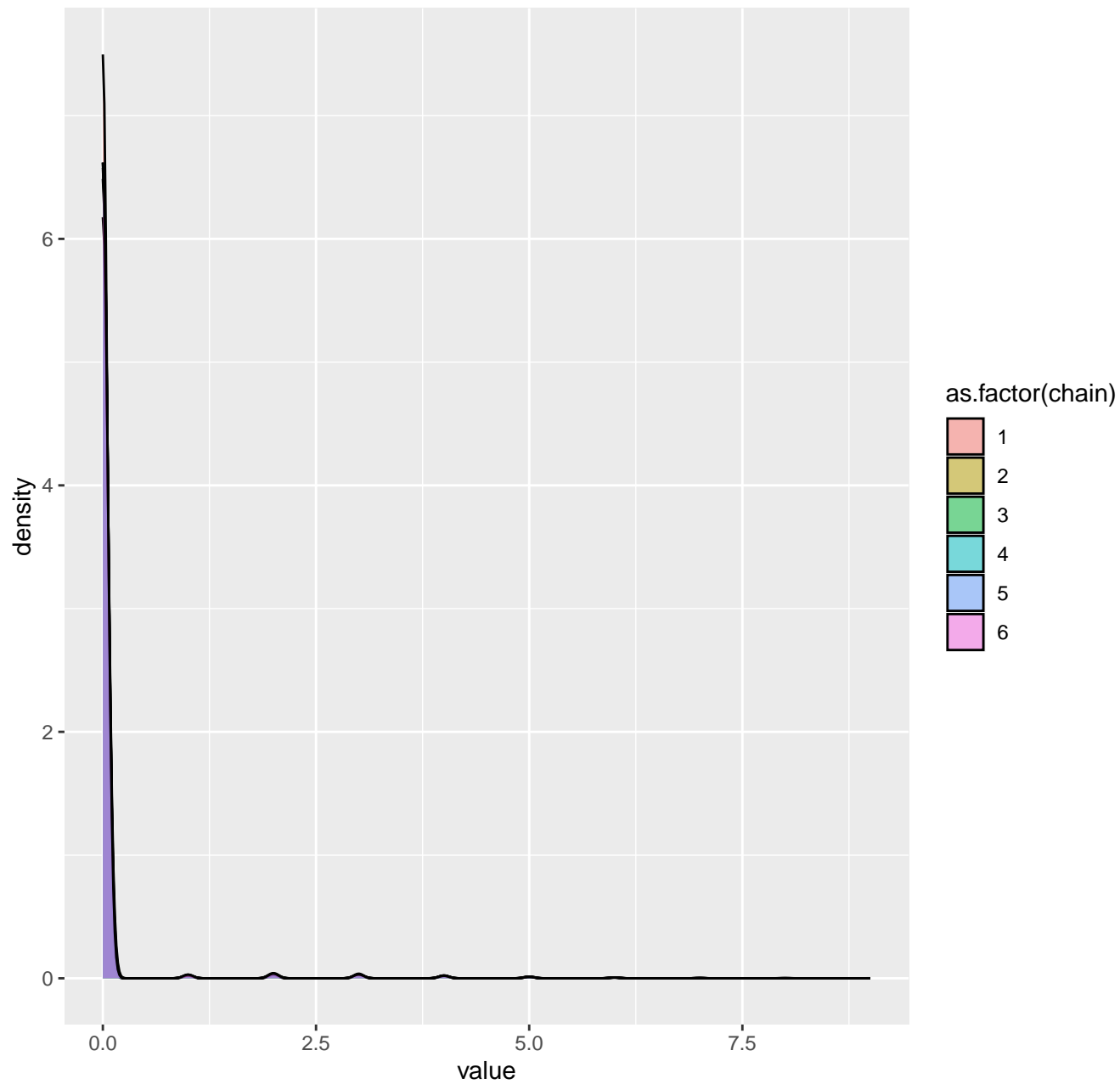
Density plot of X_16 over the chains



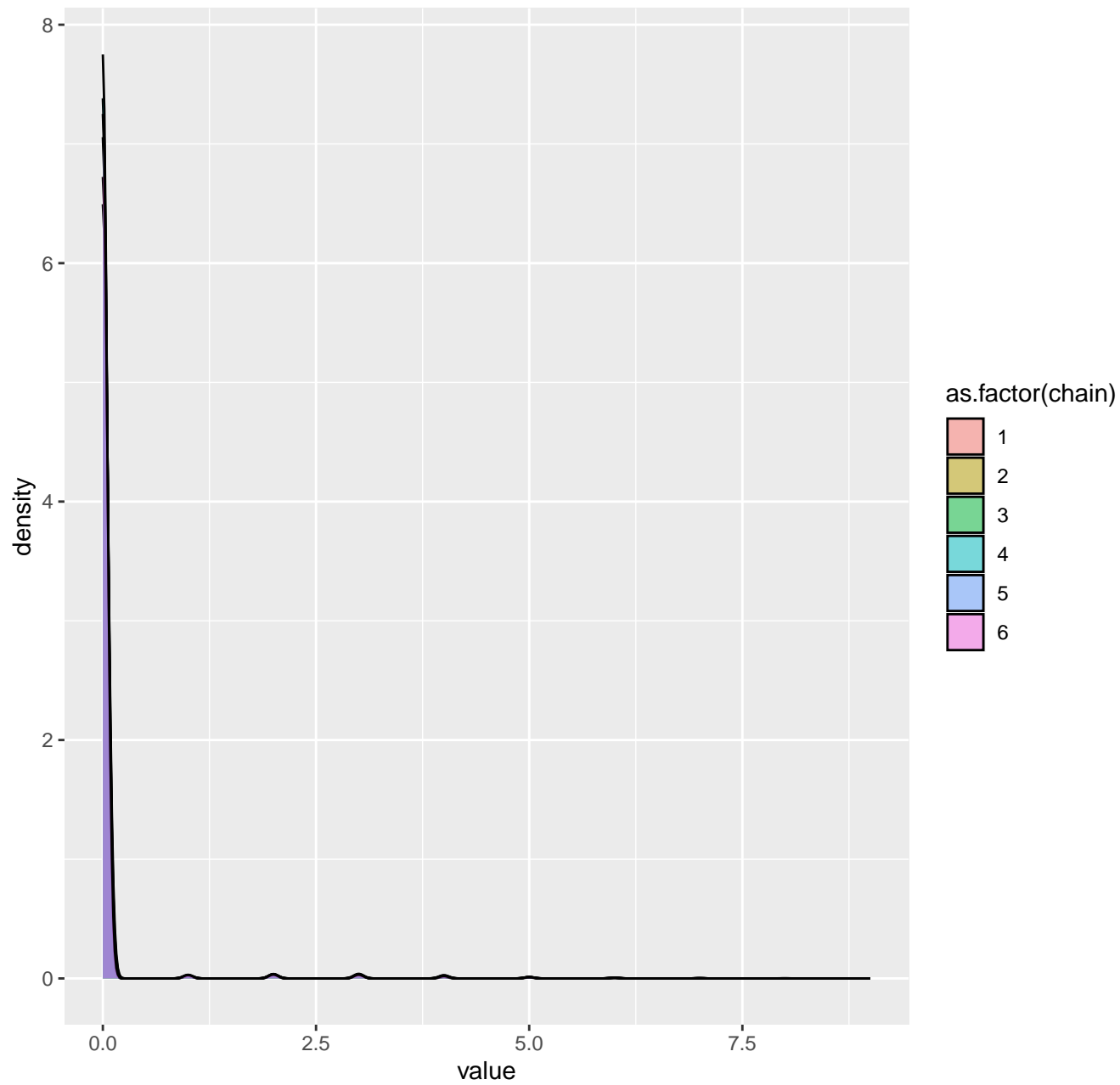
Density plot of X_17 over the chains



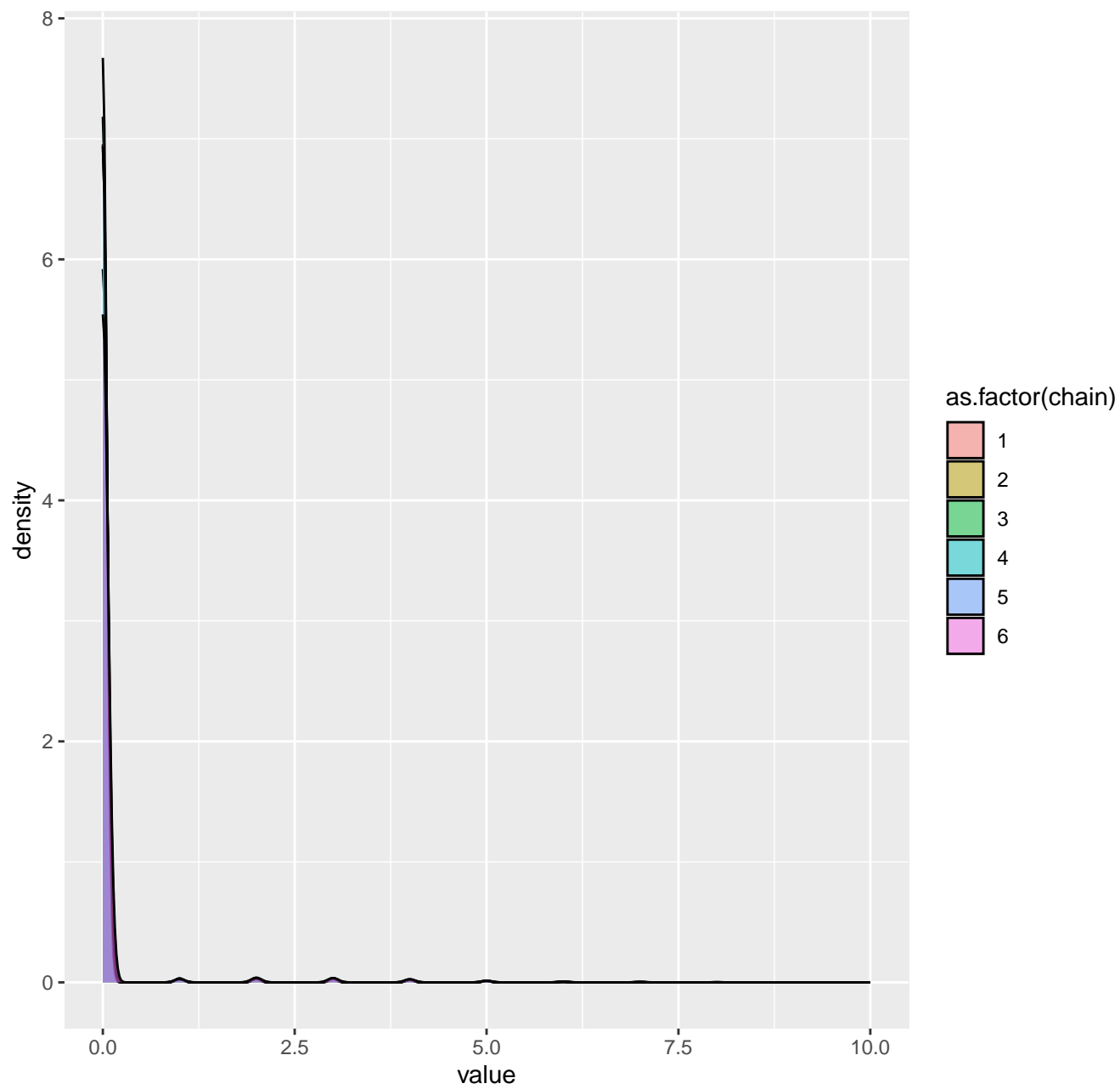
Density plot of X_18 over the chains



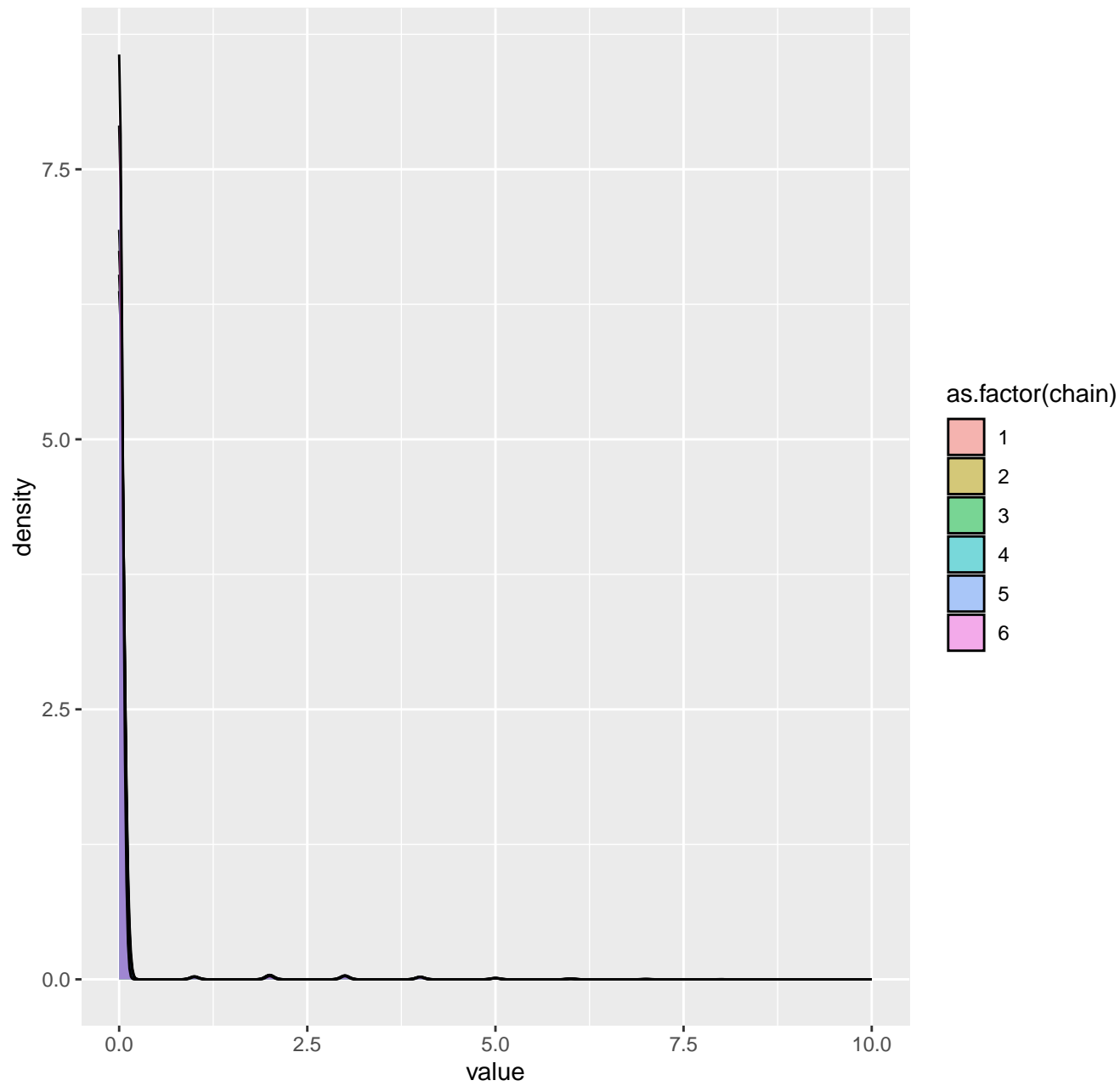
Density plot of X_19 over the chains



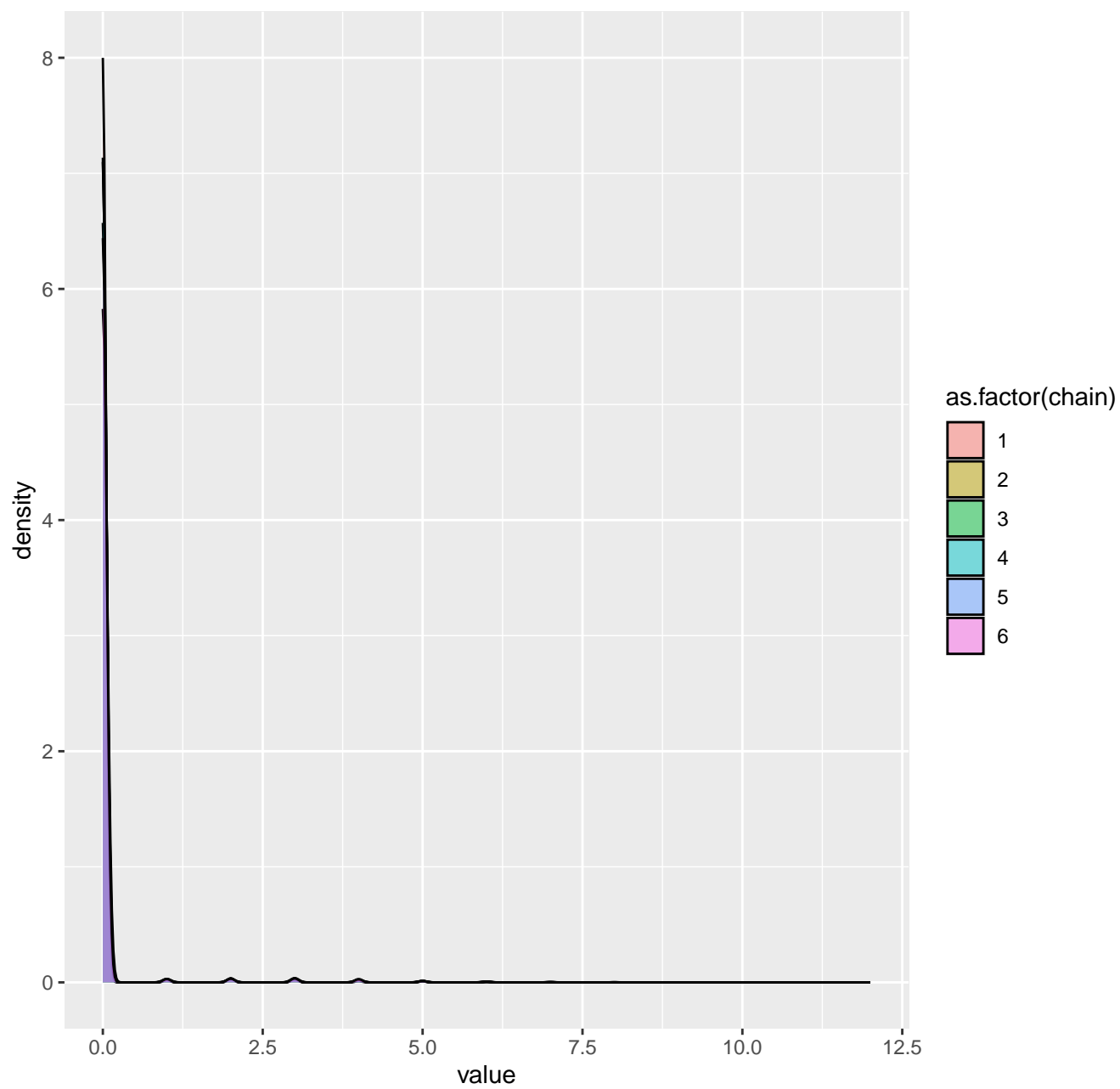
Density plot of X_20 over the chains



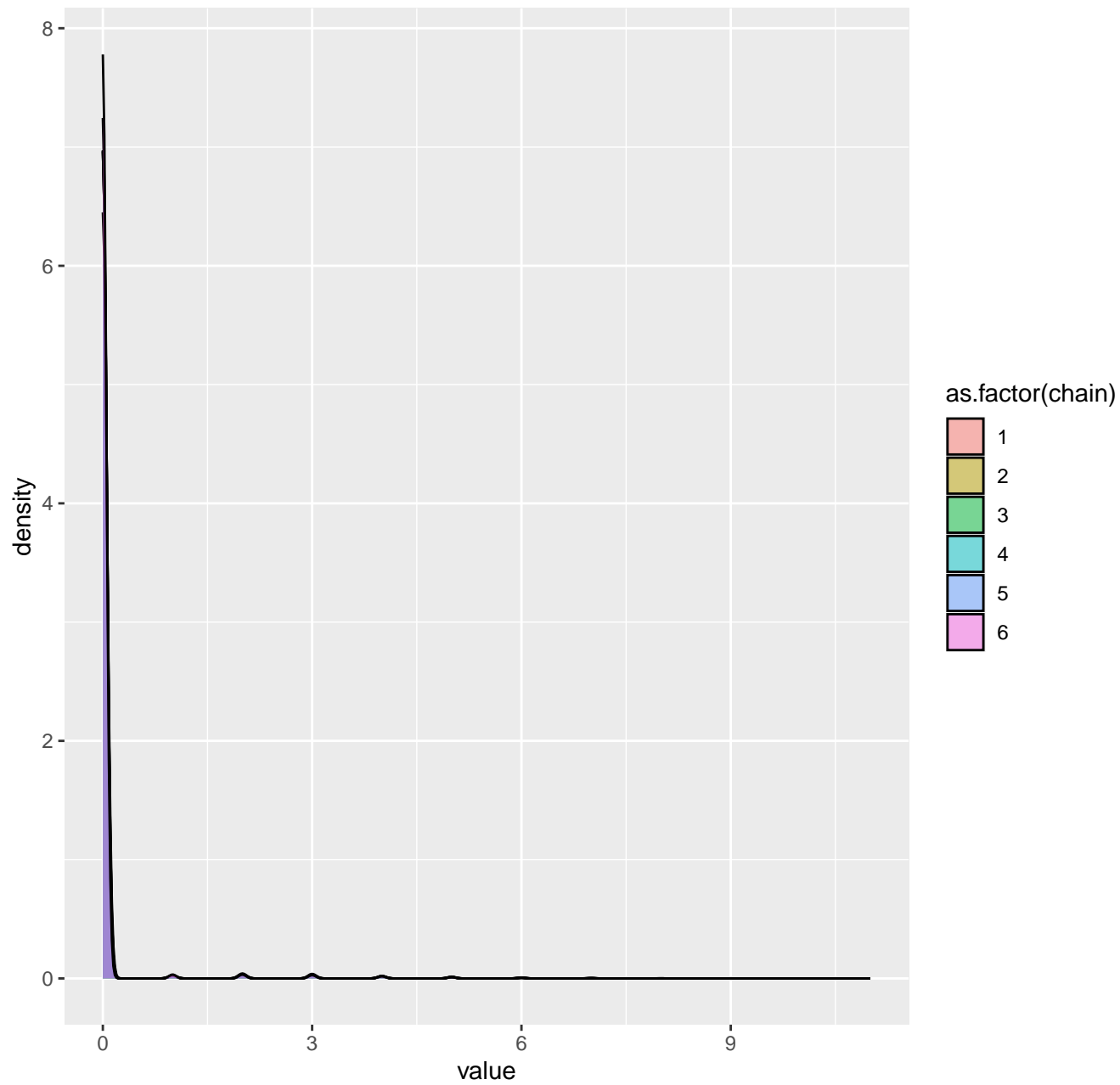
Density plot of X_21 over the chains



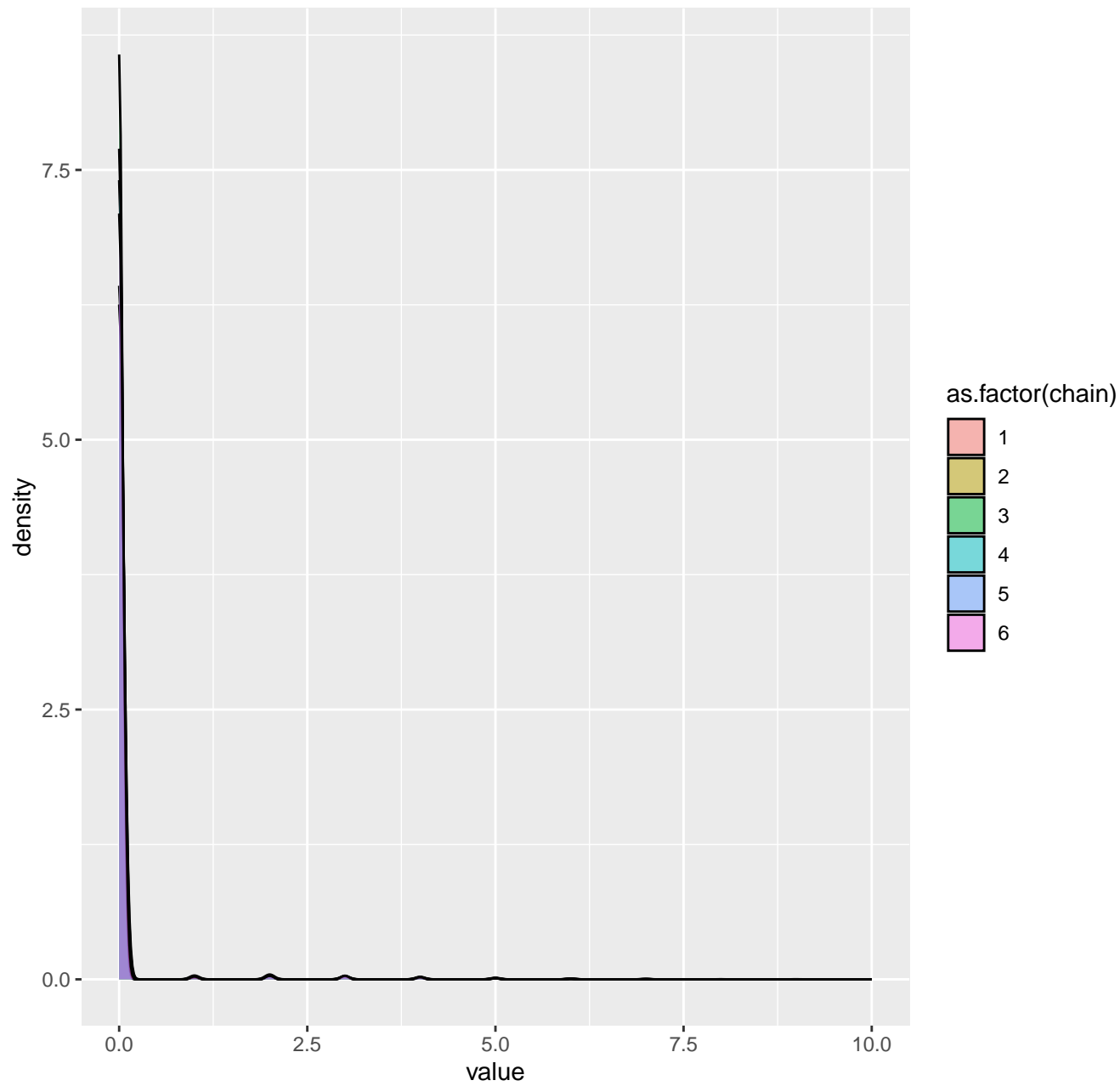
Density plot of X_22 over the chains



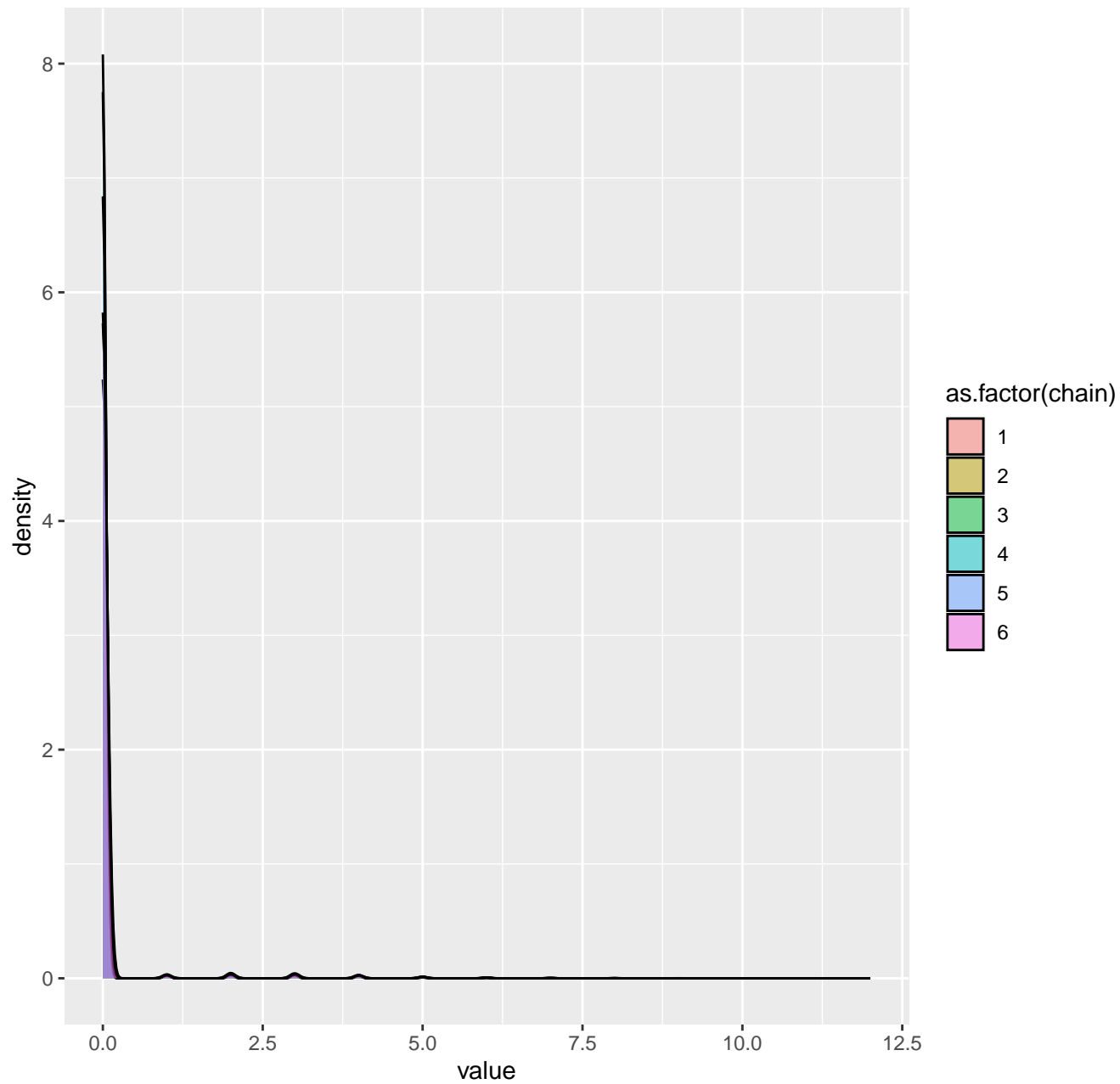
Density plot of X_23 over the chains



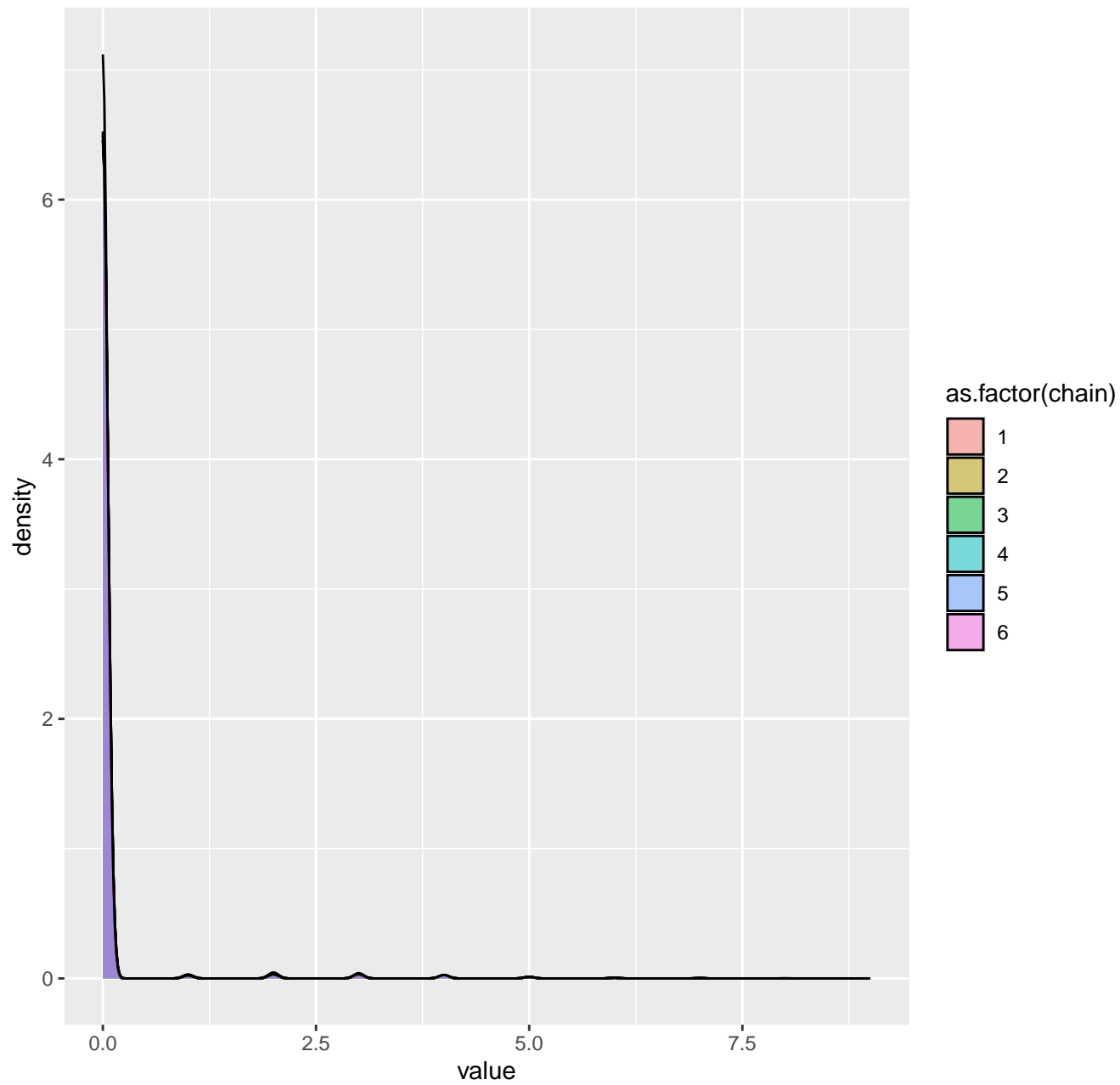
Density plot of X_24 over the chains



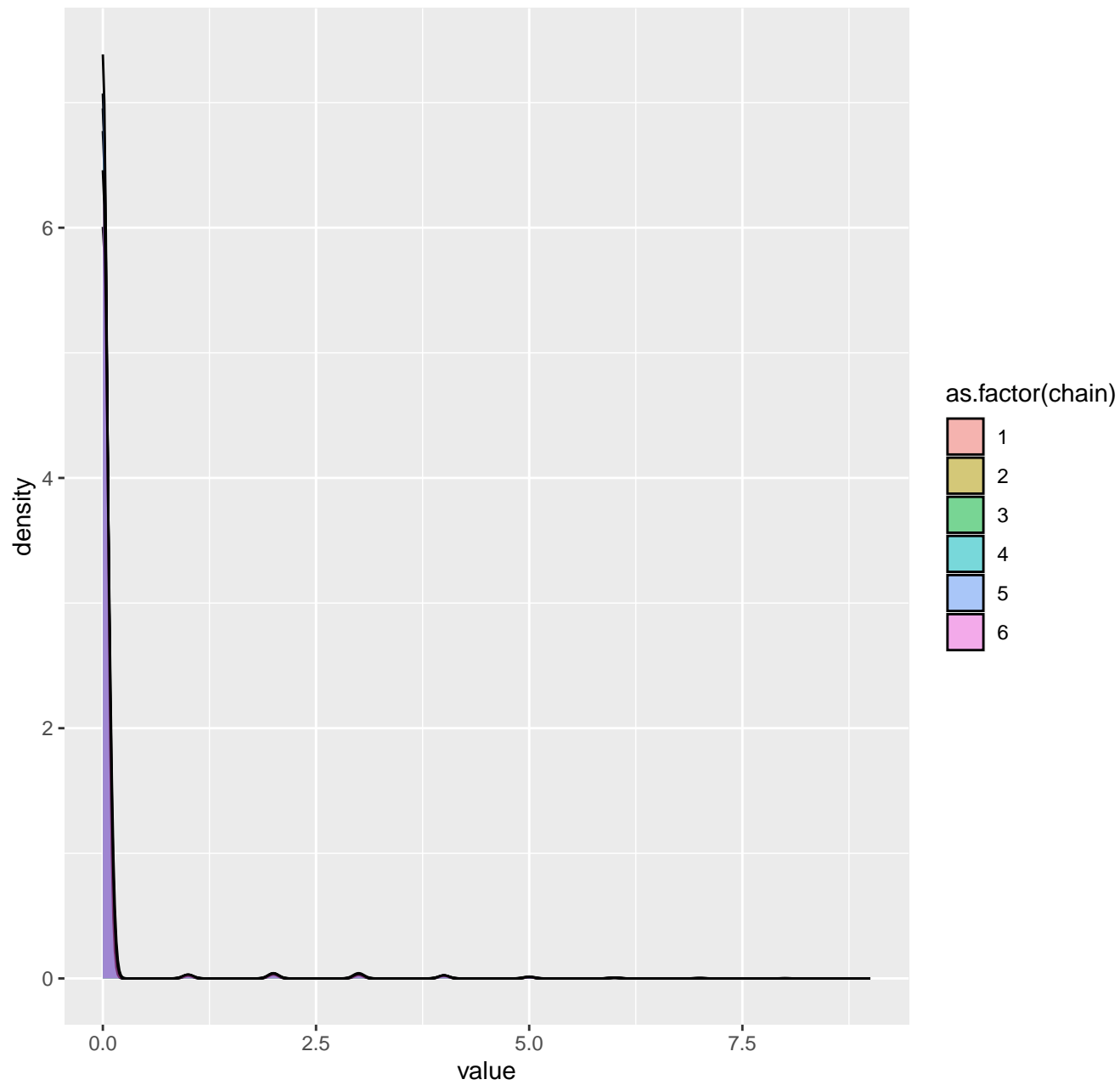
Density plot of X_25 over the chains



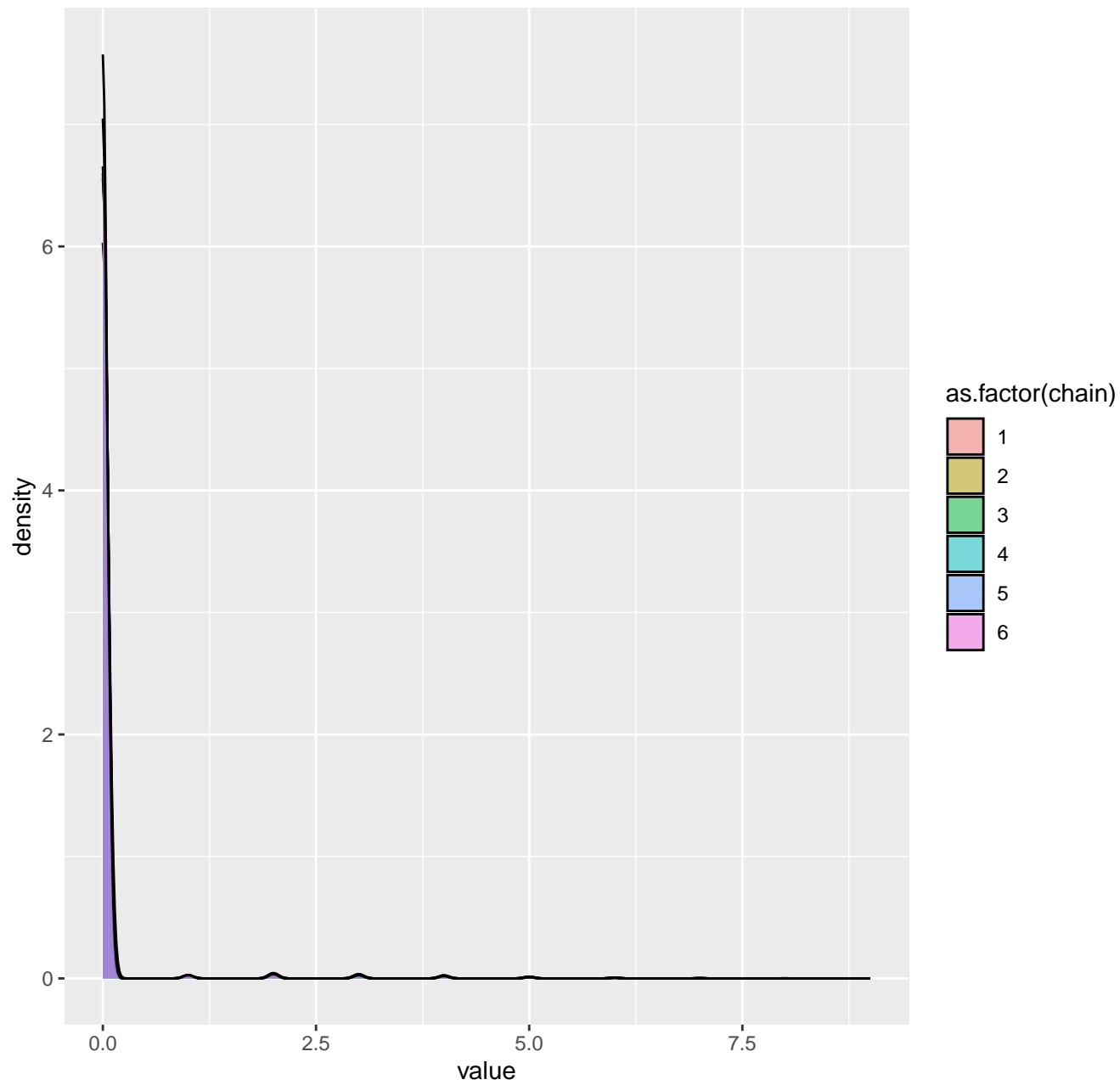
Density plot of X_26 over the chains



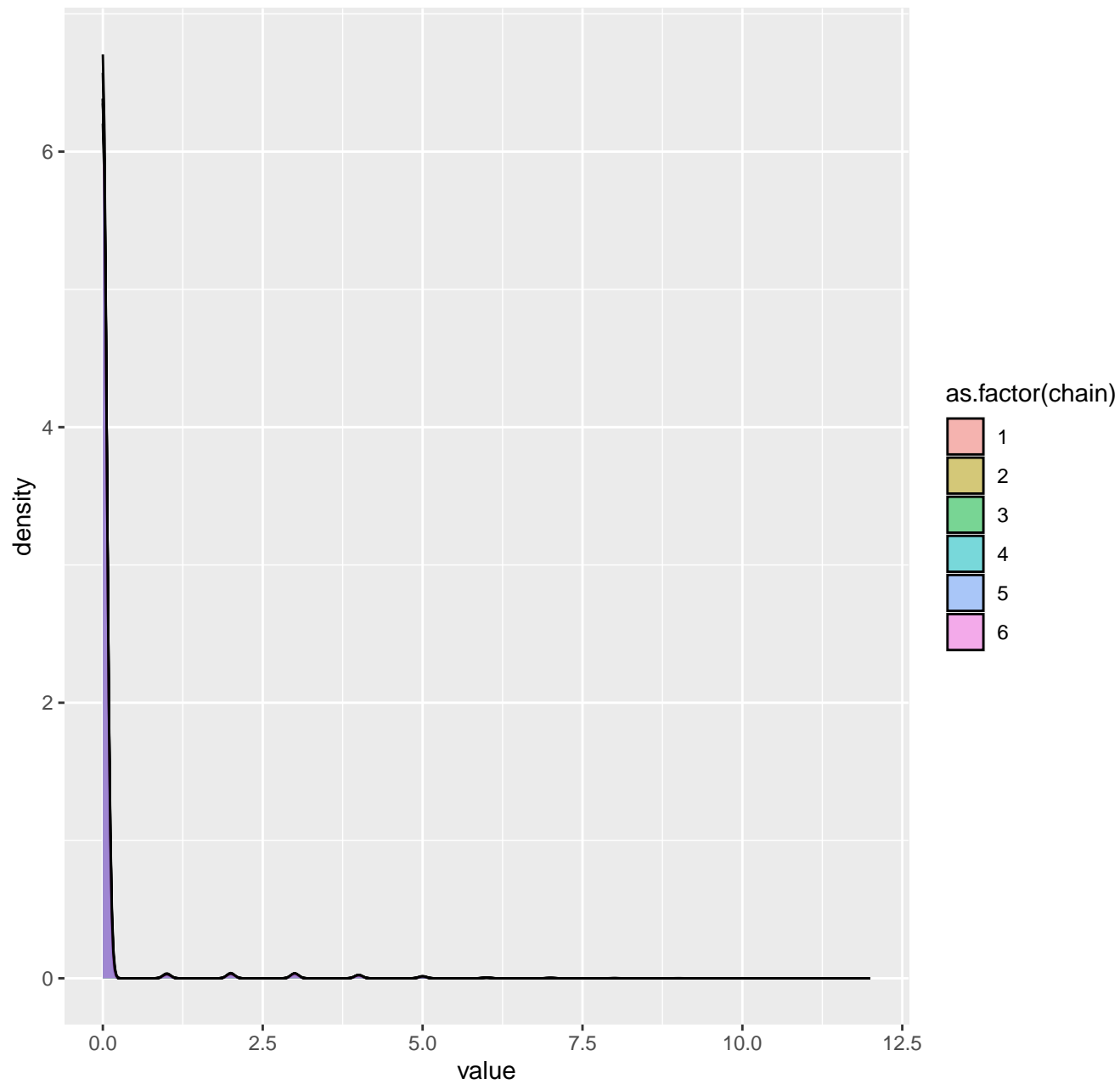
Density plot of X_27 over the chains



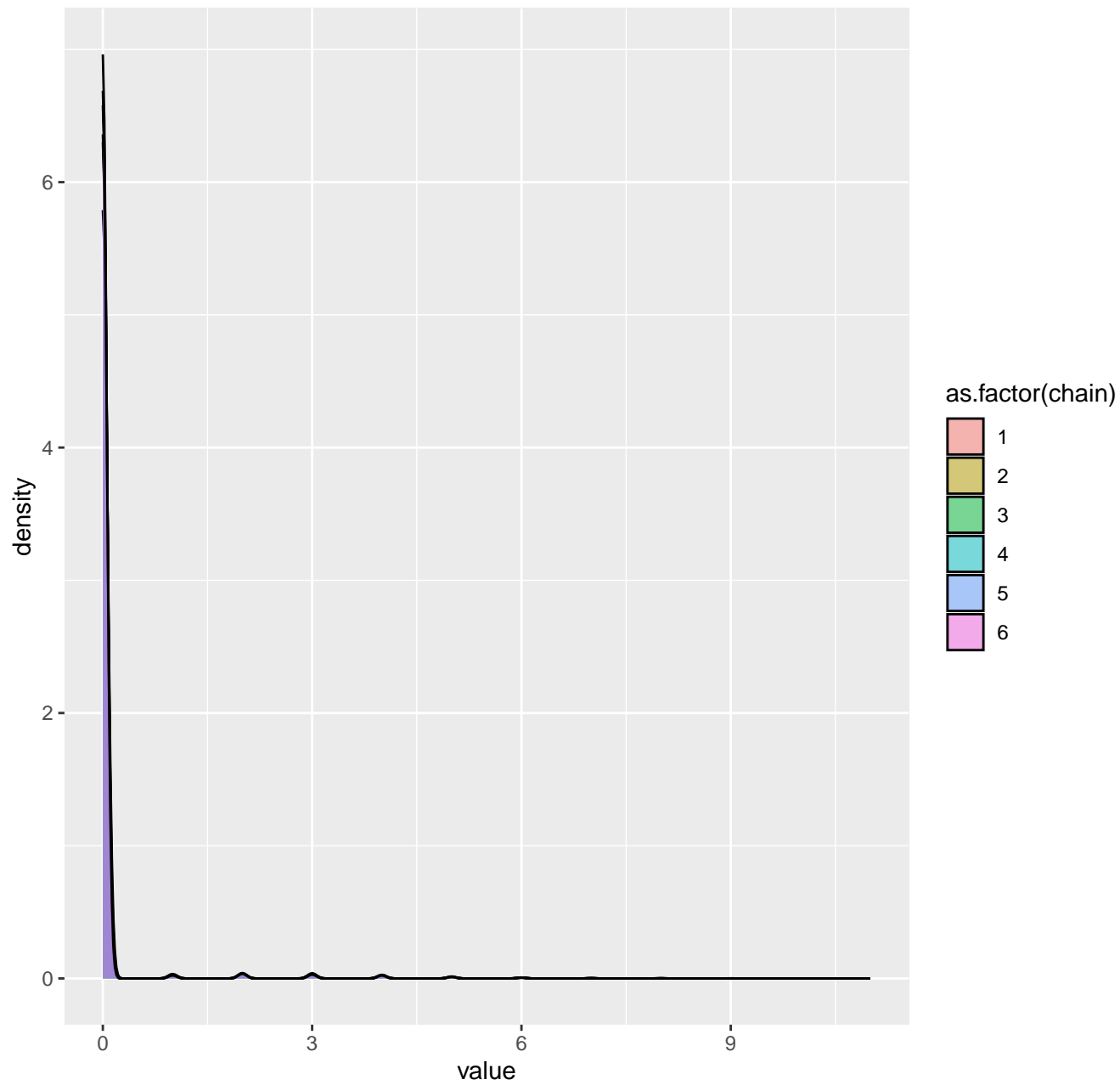
Density plot of X_28 over the chains



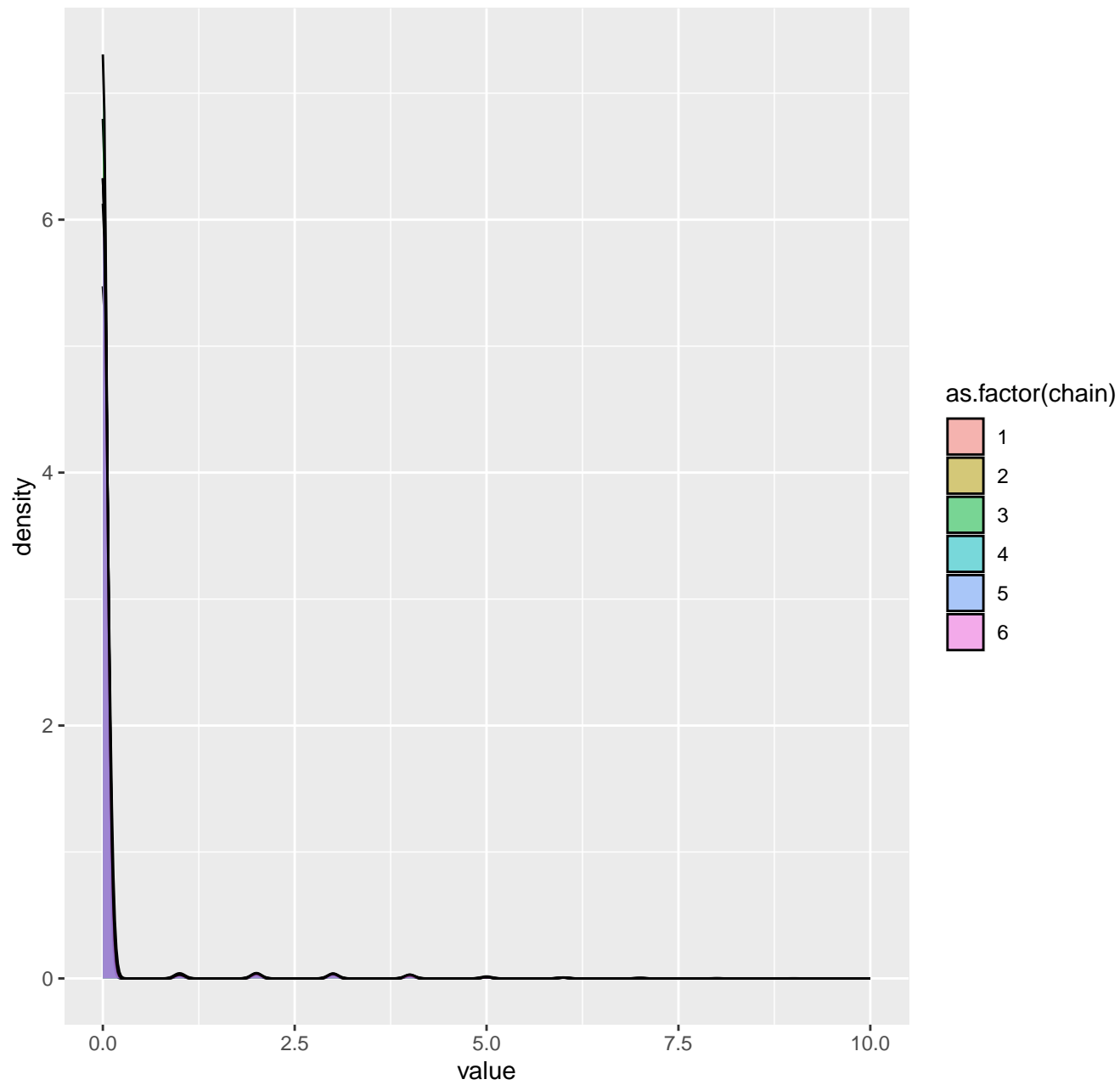
Density plot of X_29 over the chains



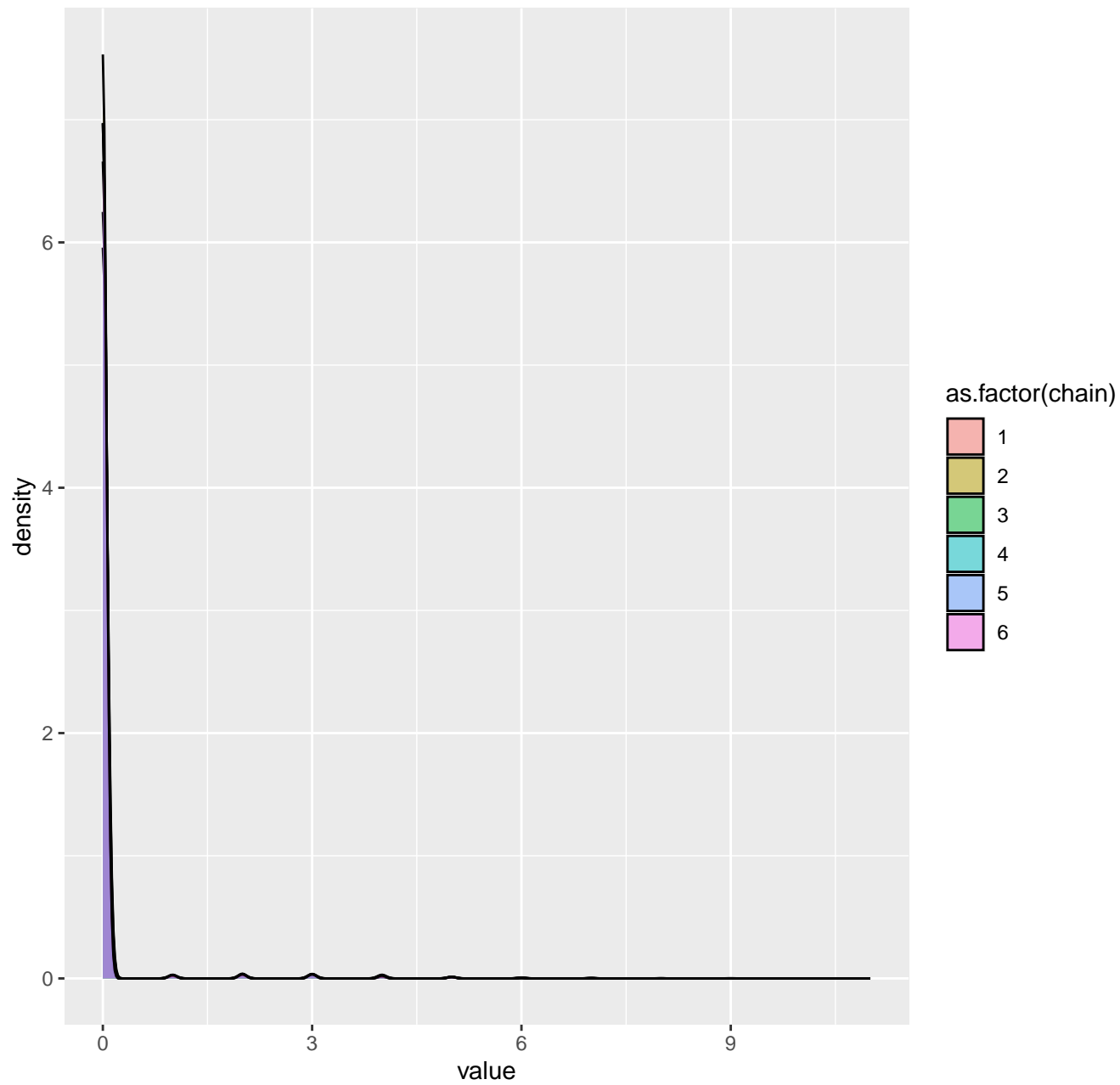
Density plot of X_30 over the chains



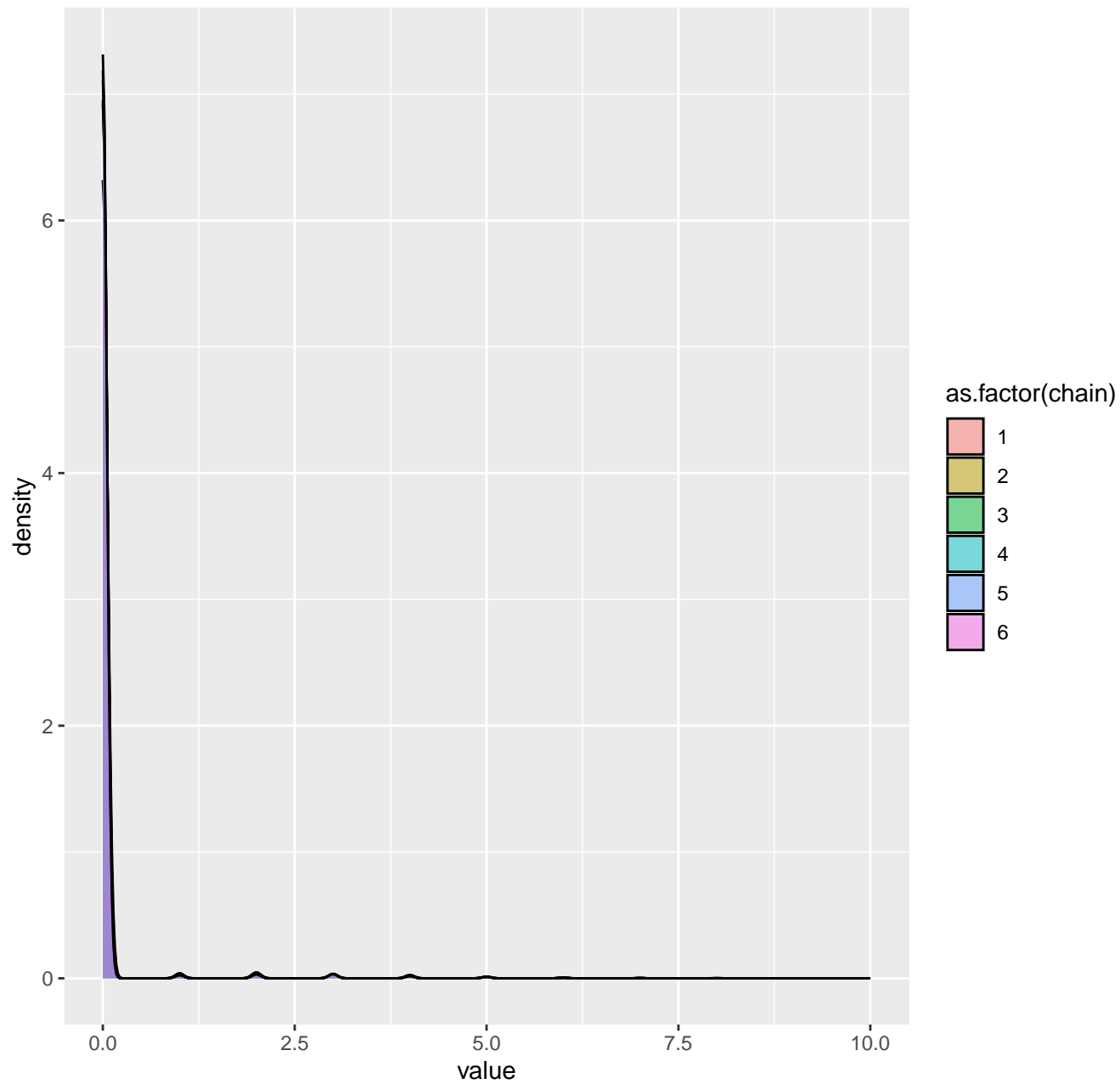
Density plot of X_31 over the chains



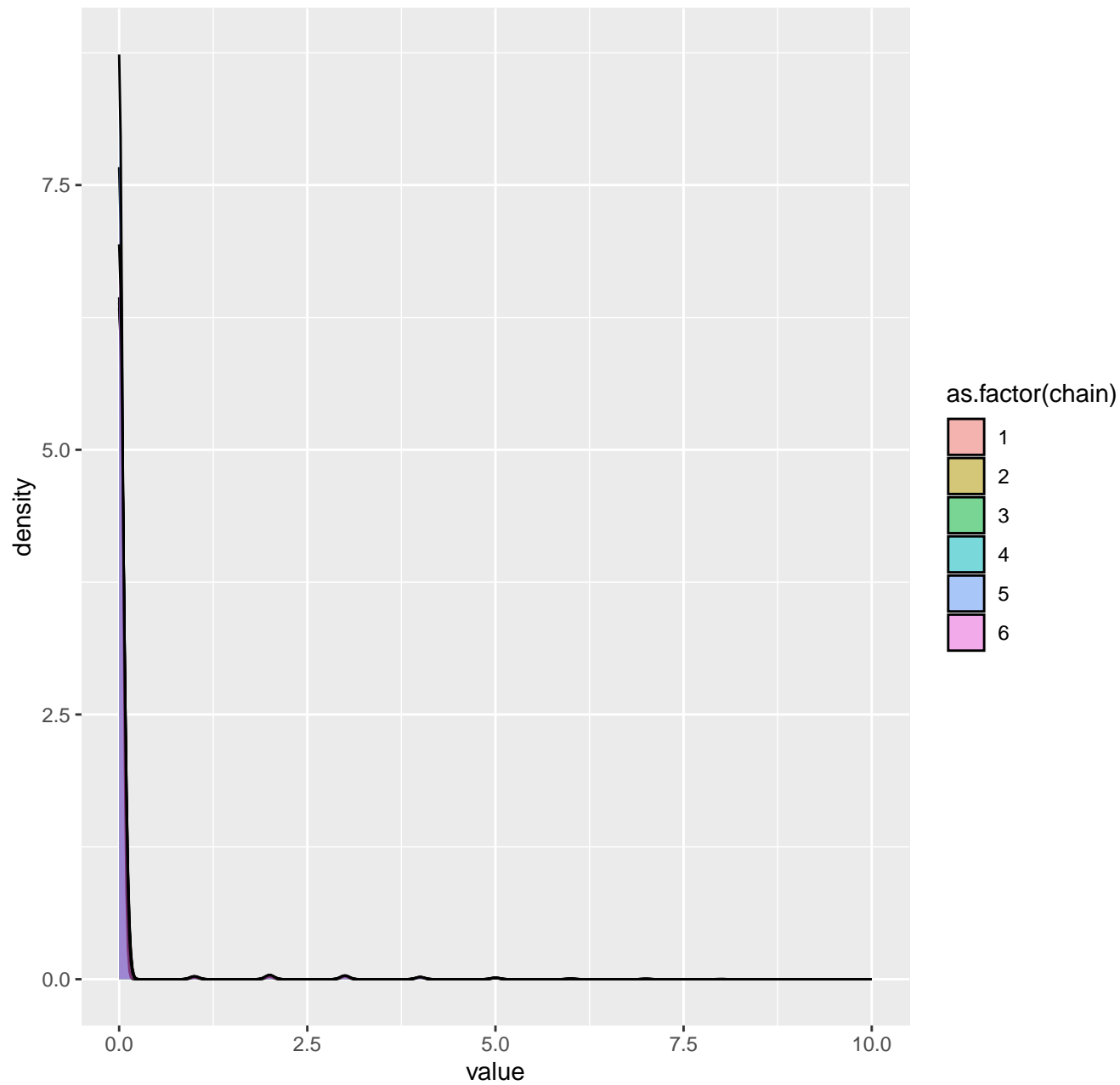
Density plot of X_32 over the chains



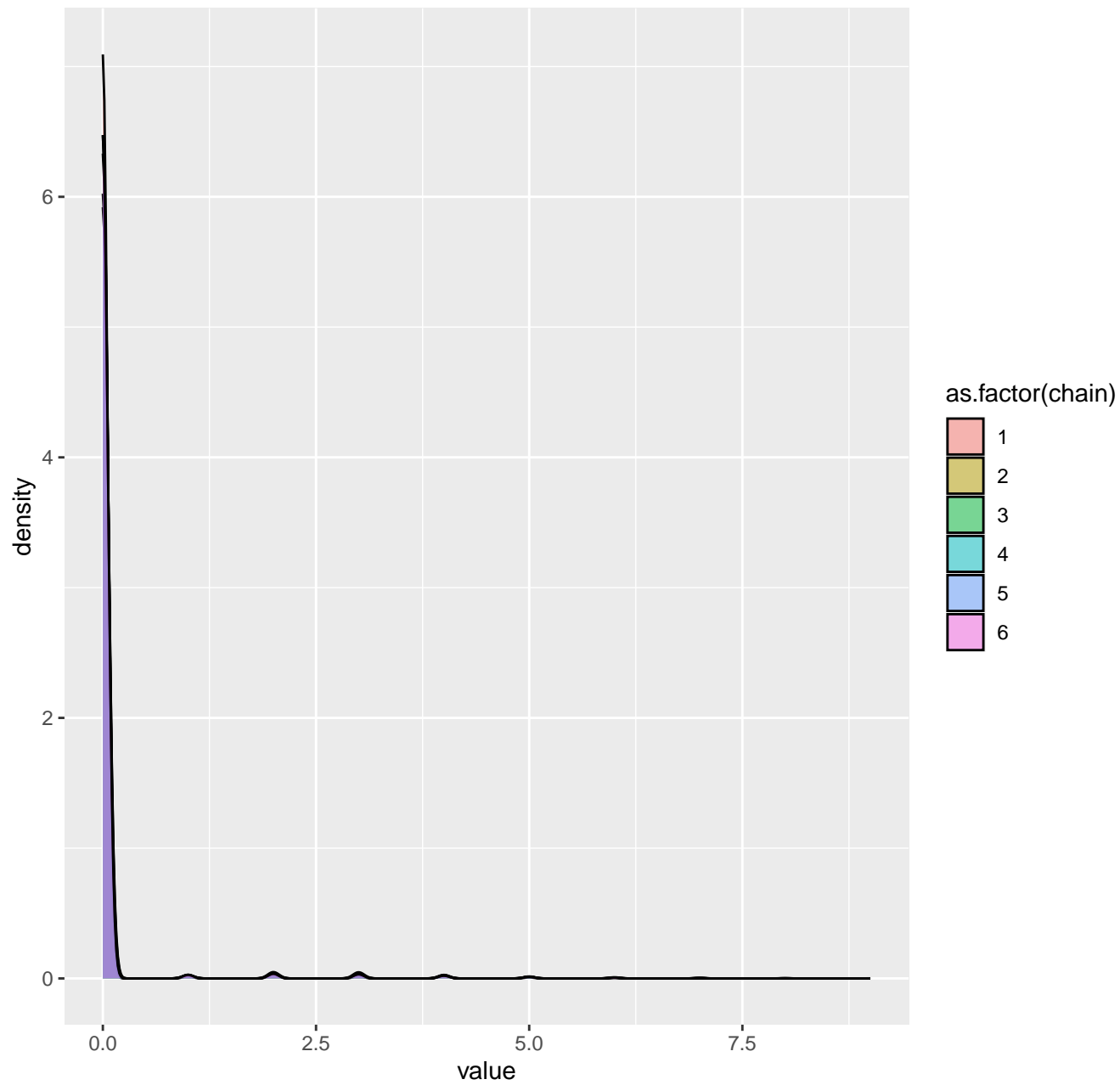
Density plot of X_33 over the chains



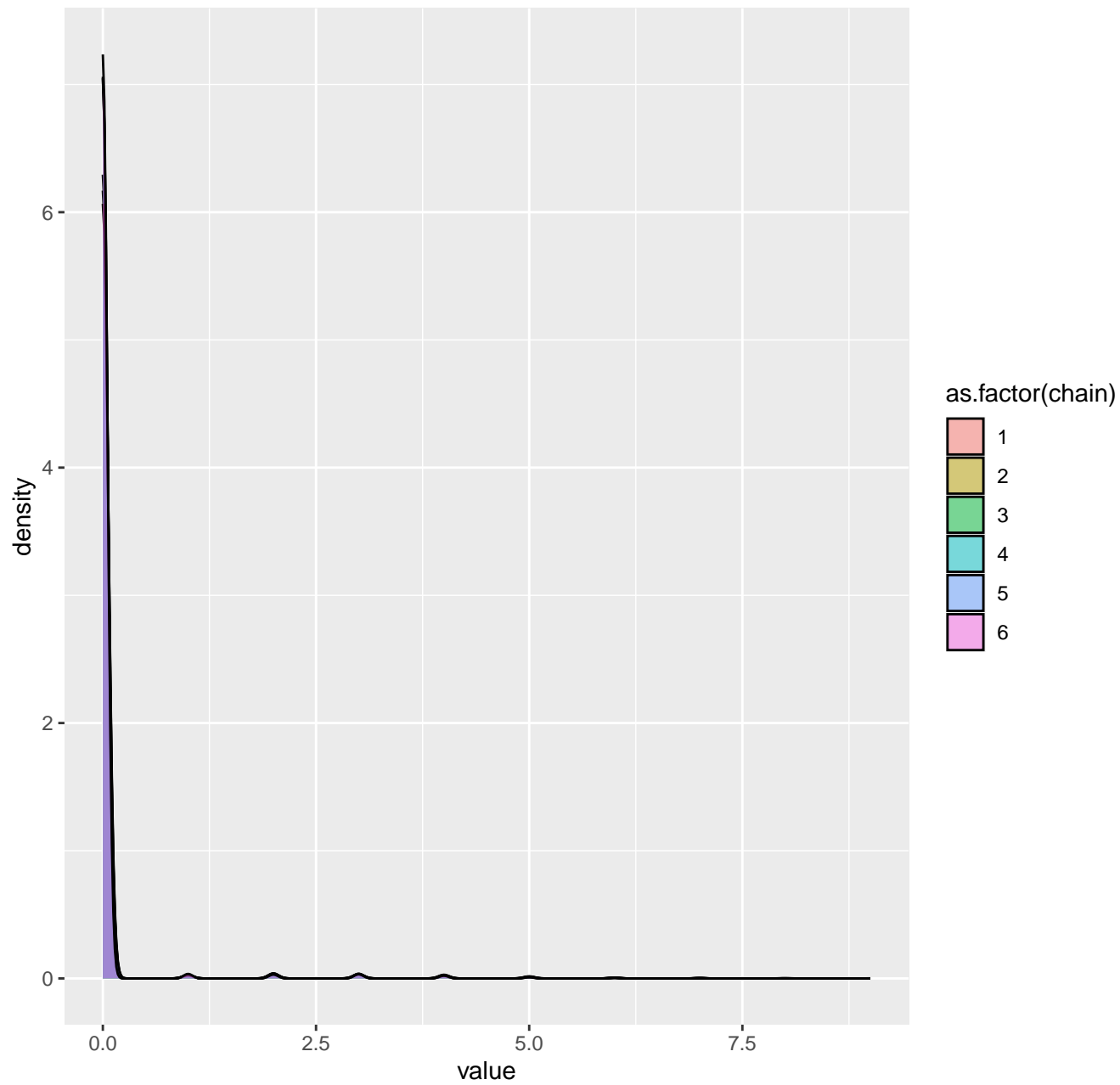
Density plot of X_34 over the chains



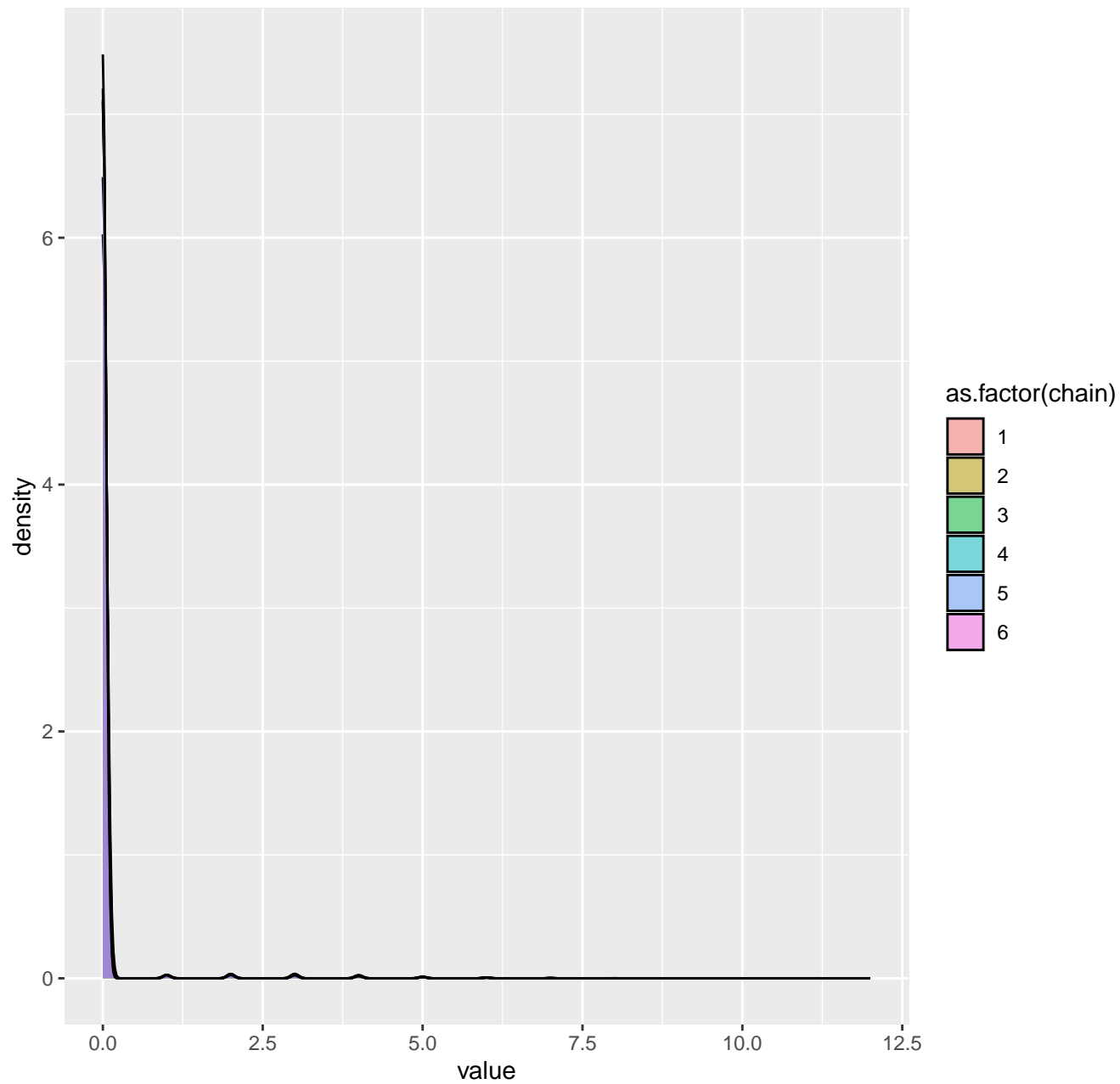
Density plot of X_35 over the chains



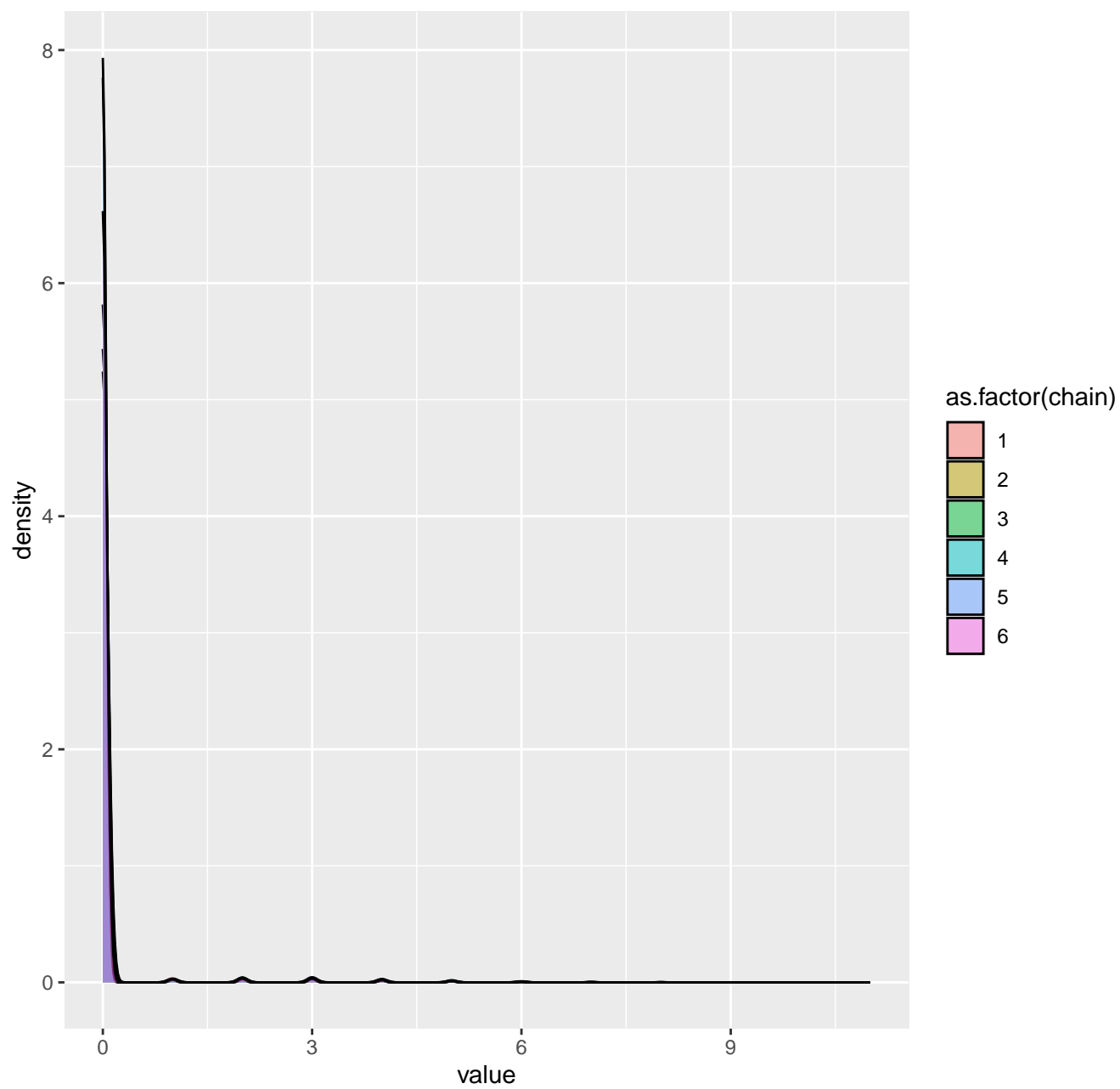
Density plot of X_36 over the chains



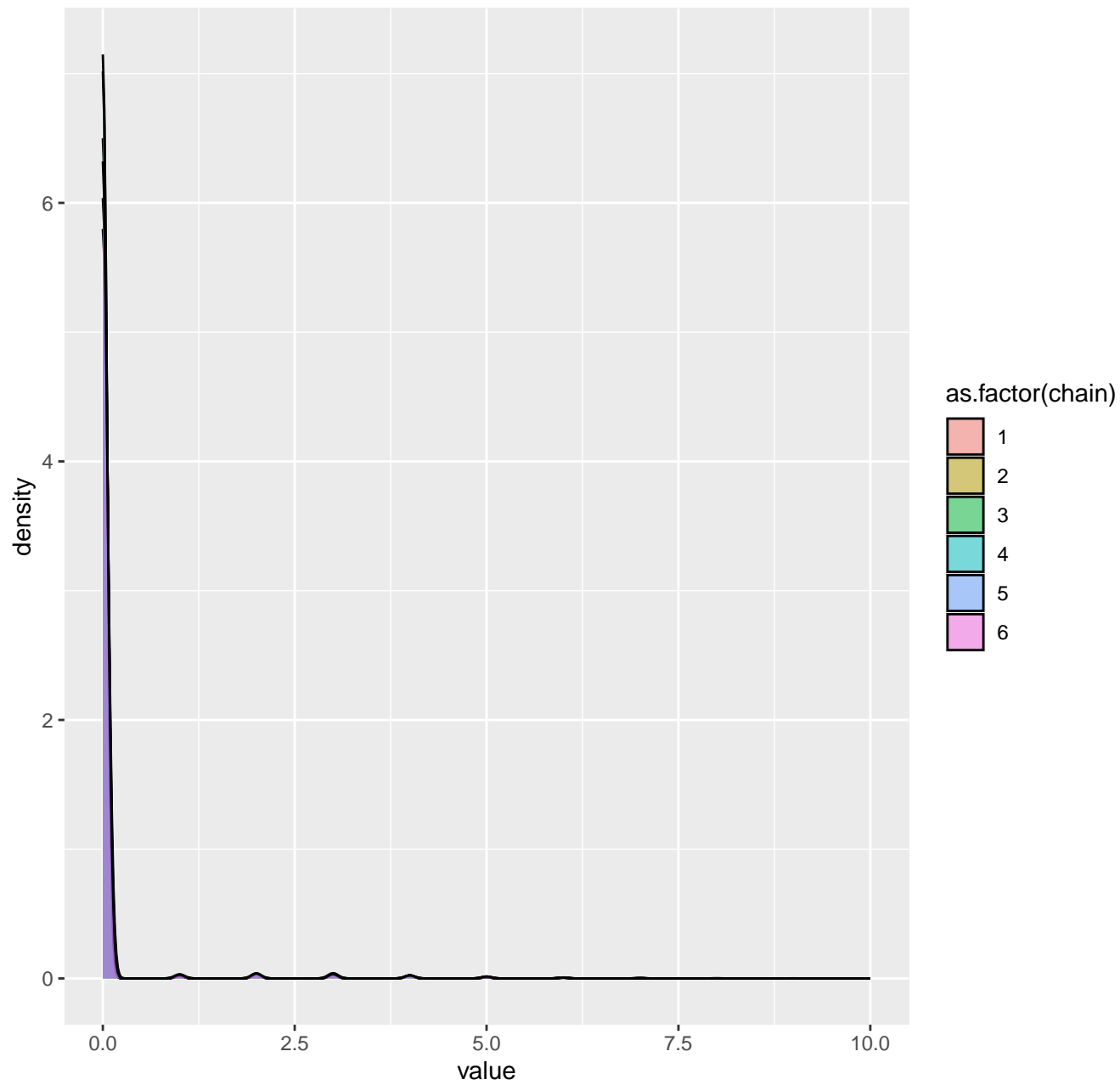
Density plot of X_37 over the chains



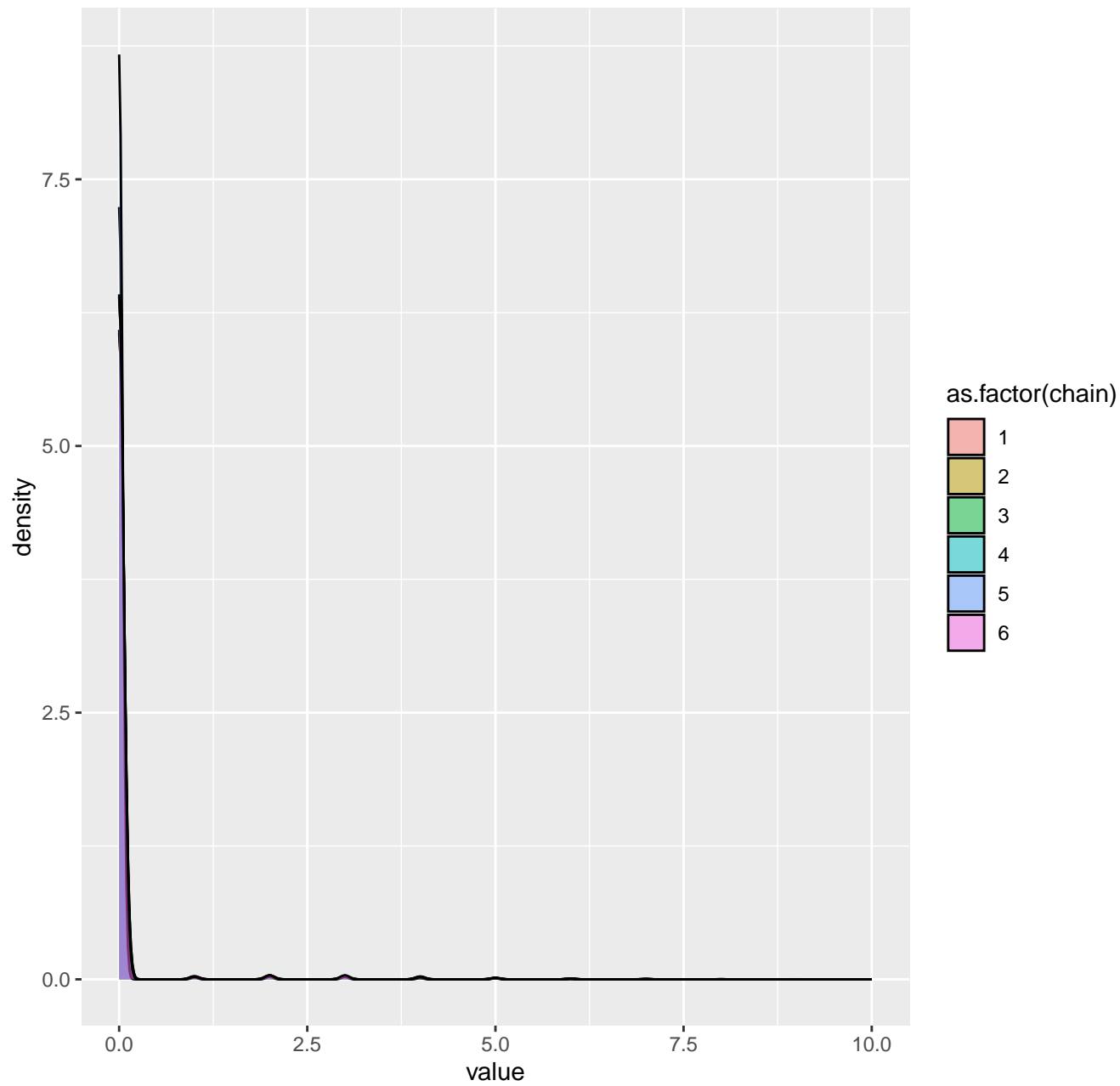
Density plot of X_38 over the chains



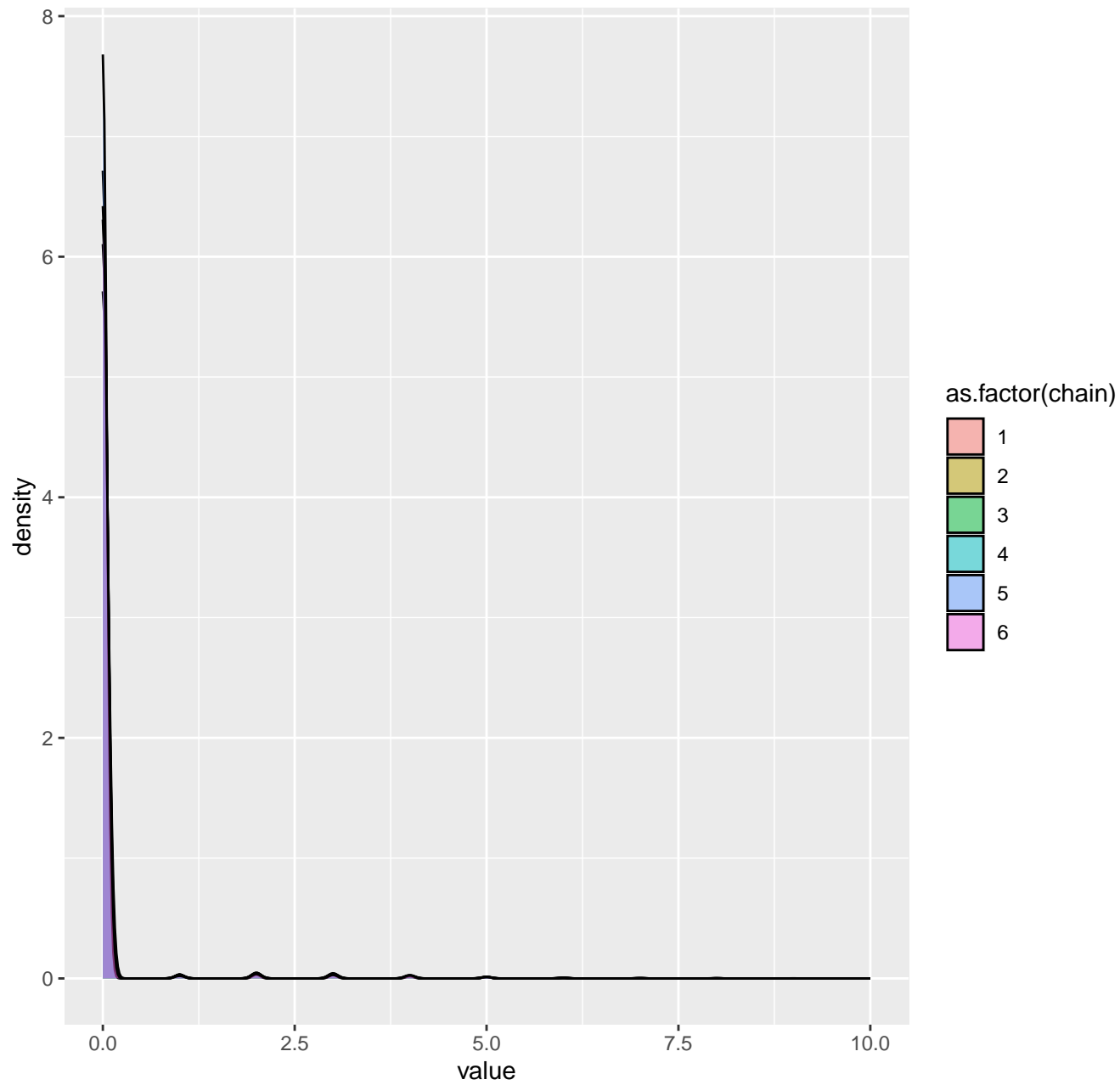
Density plot of X_39 over the chains



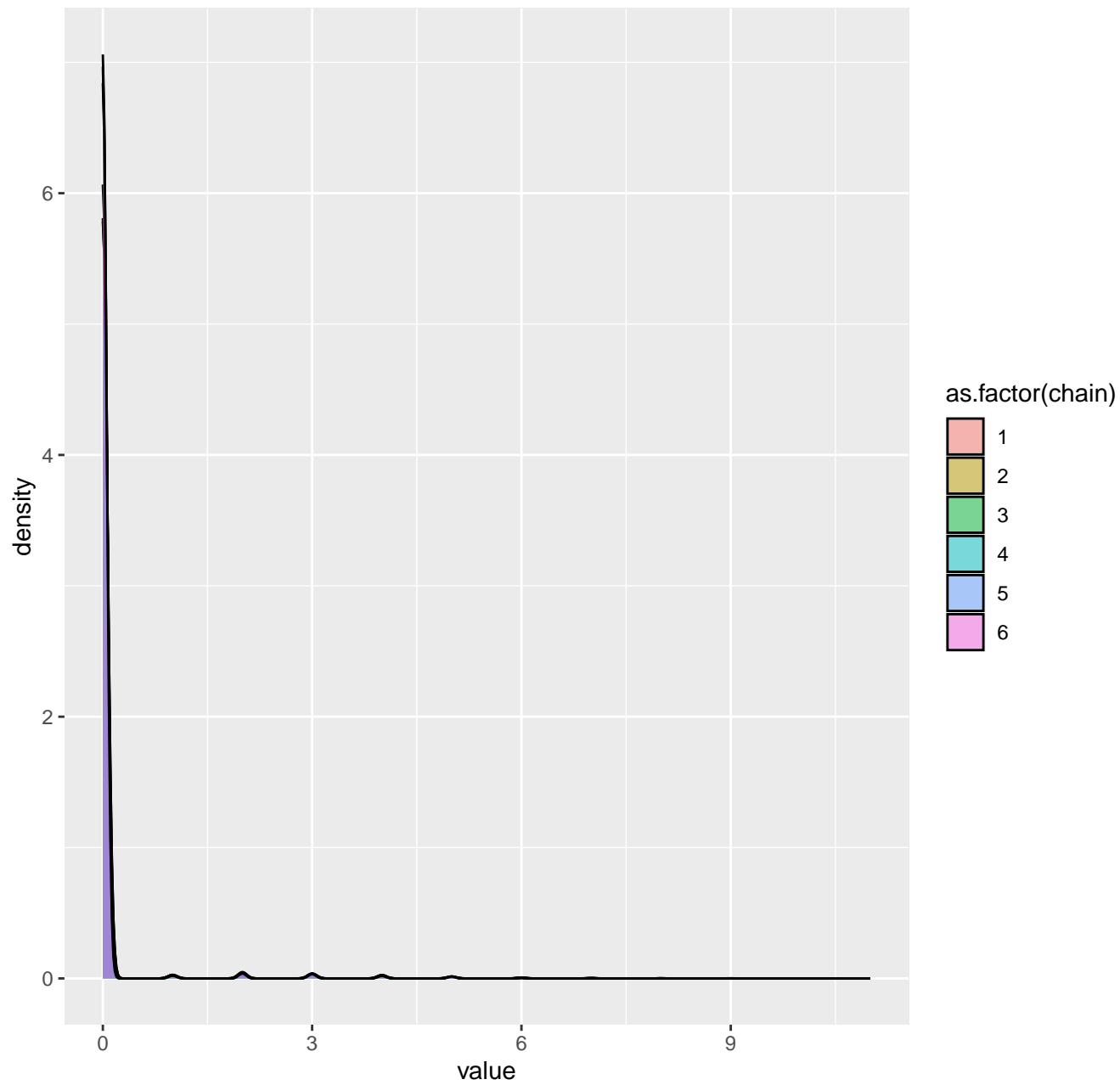
Density plot of X_40 over the chains



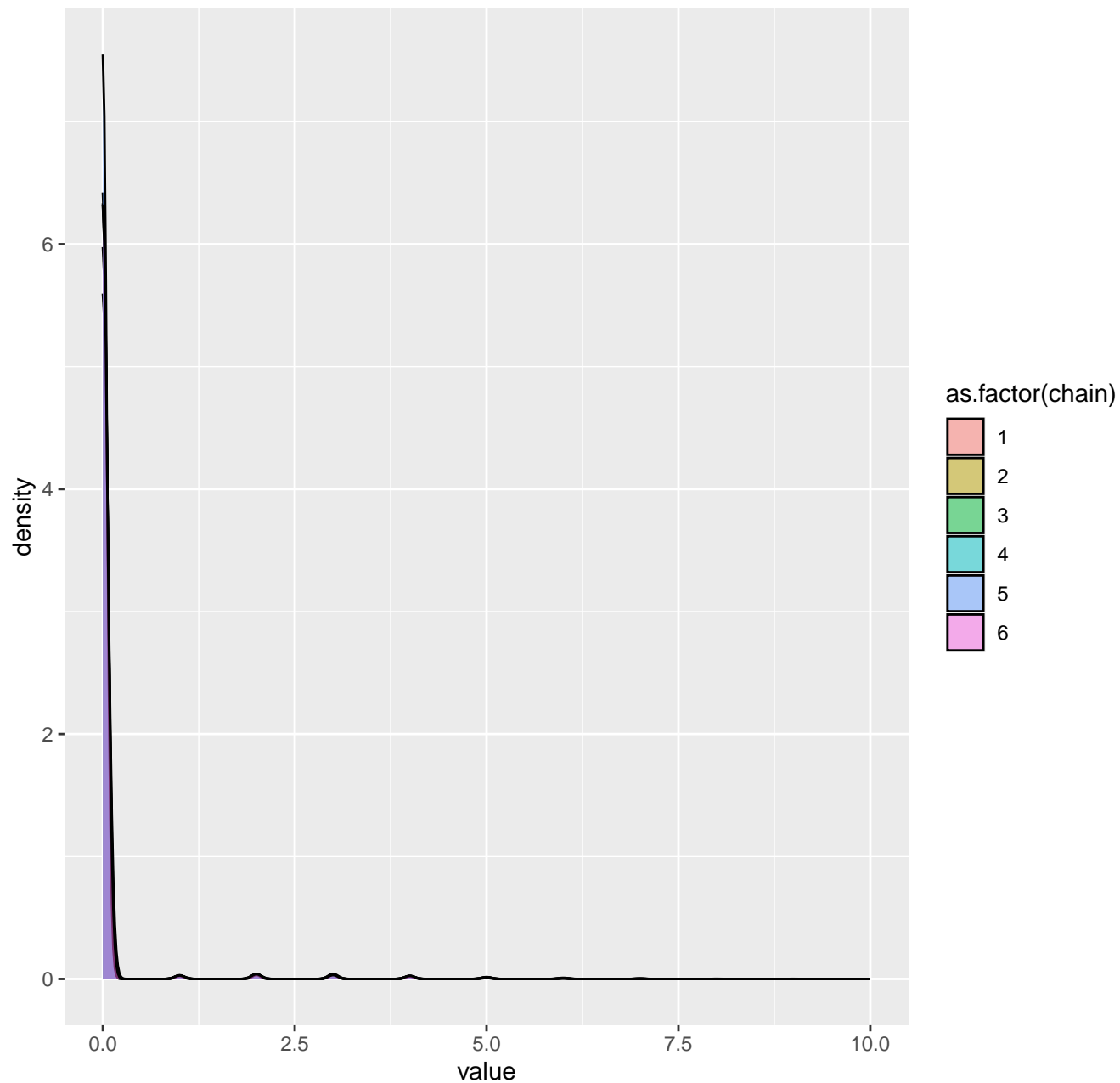
Density plot of X_41 over the chains



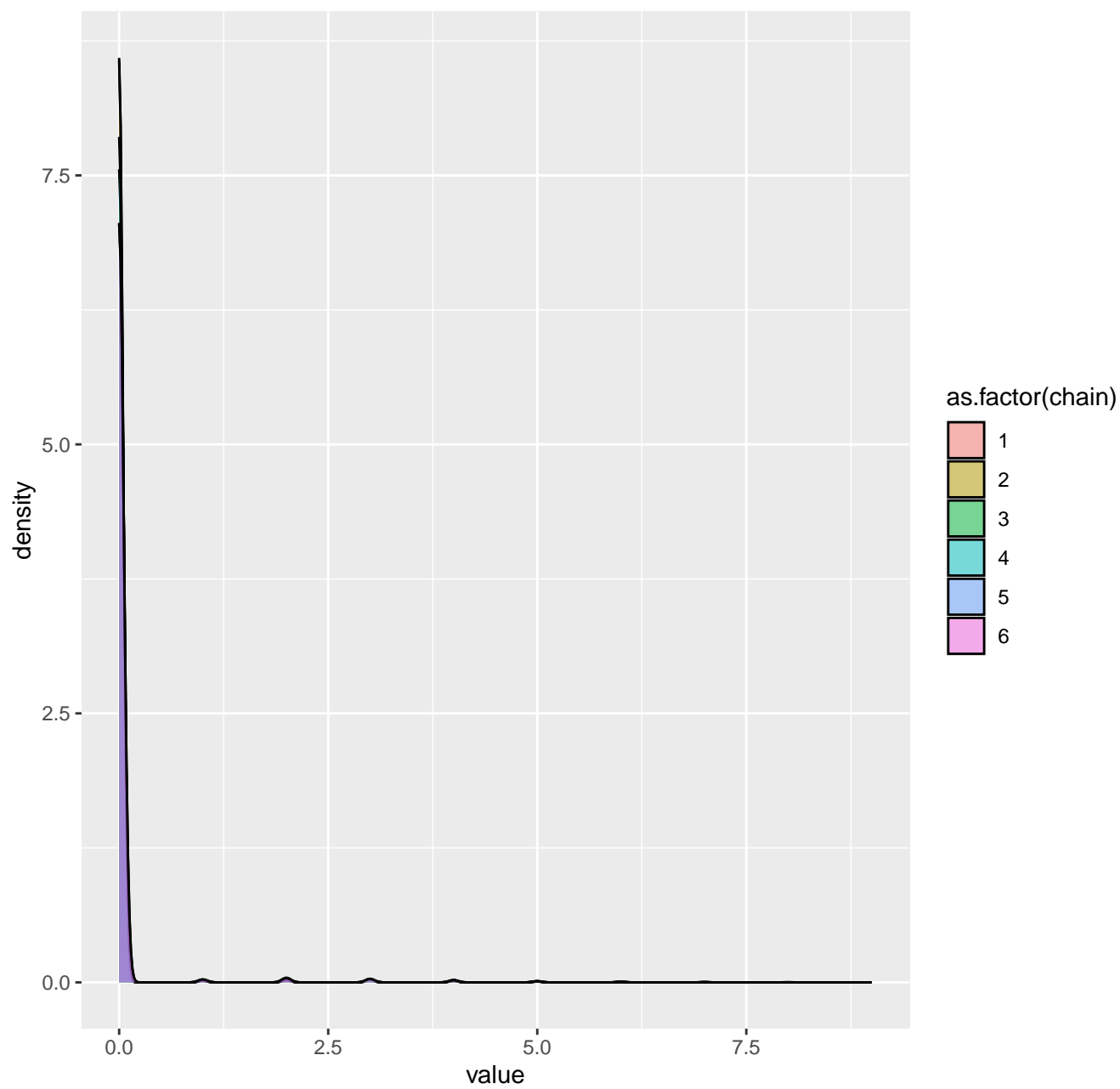
Density plot of X_42 over the chains



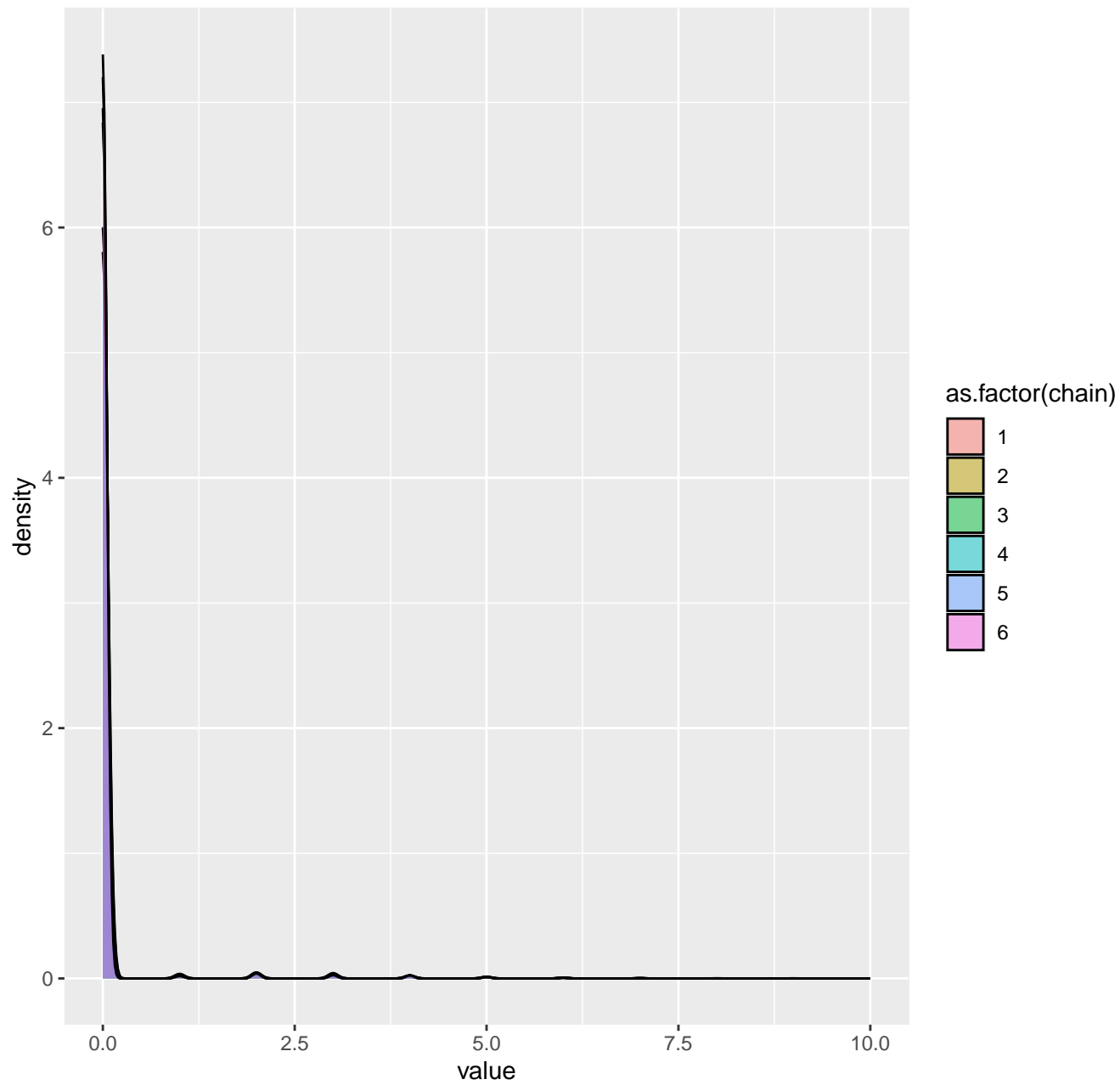
Density plot of X_43 over the chains



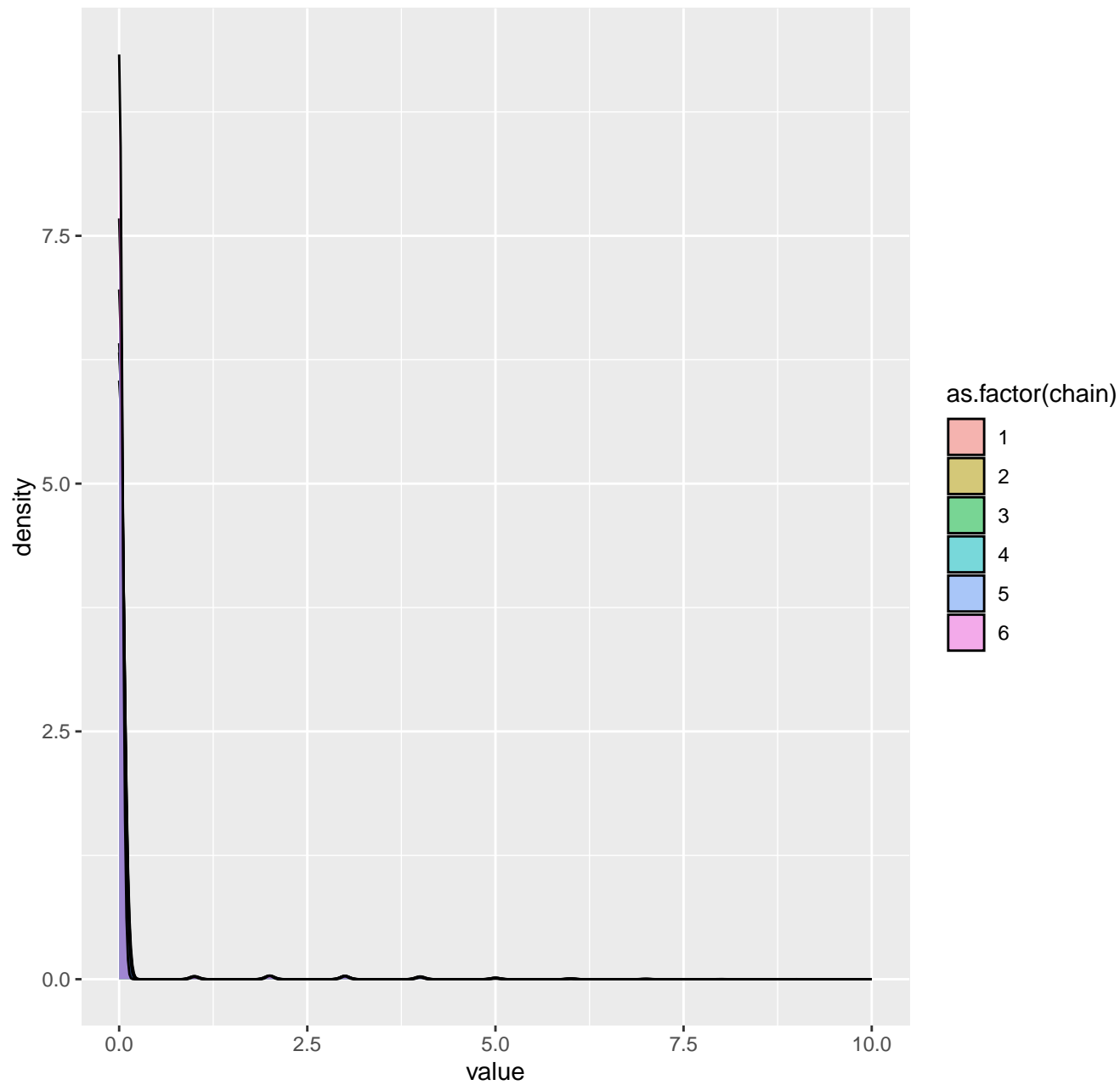
Density plot of X_44 over the chains



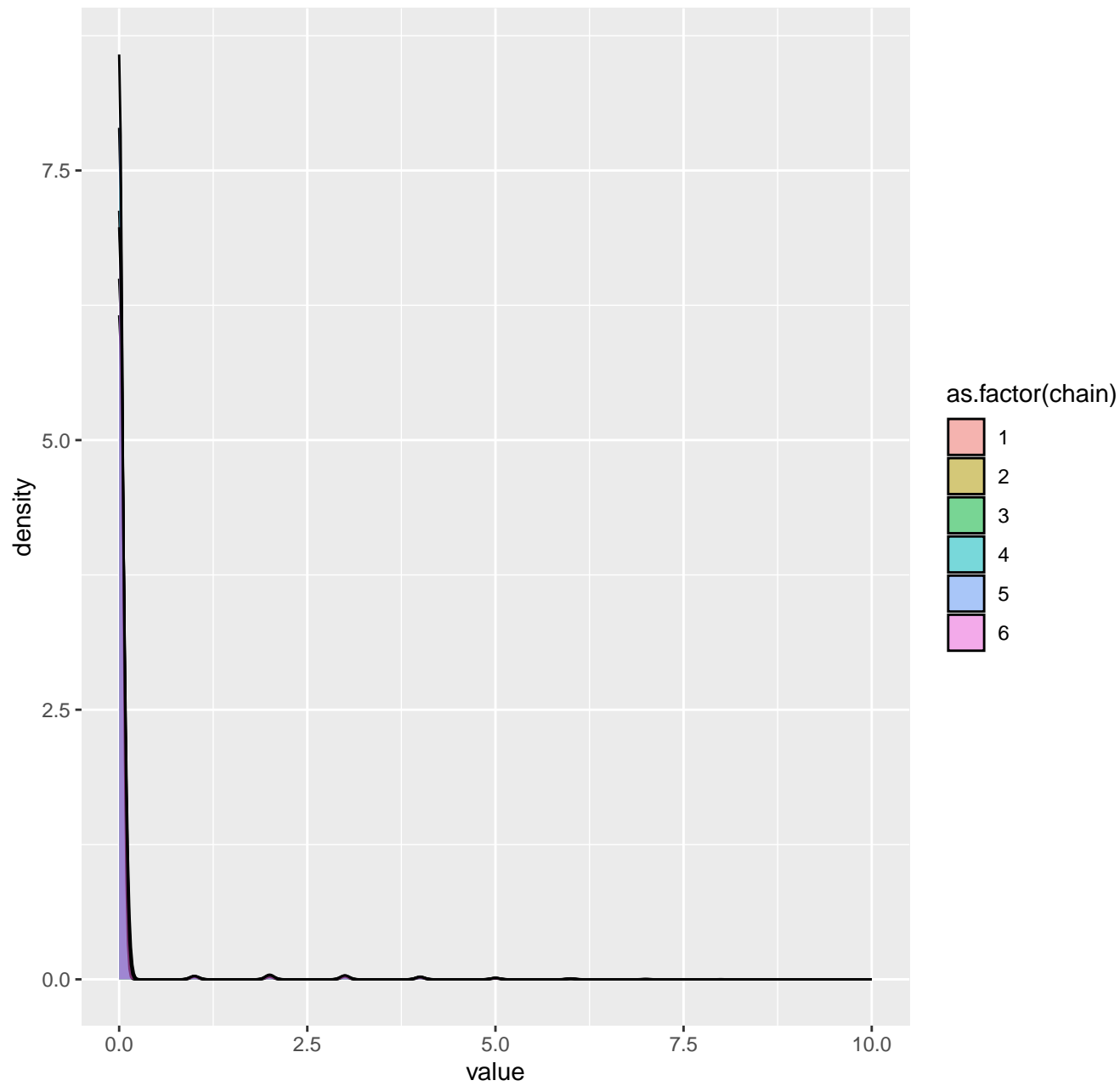
Density plot of X_45 over the chains



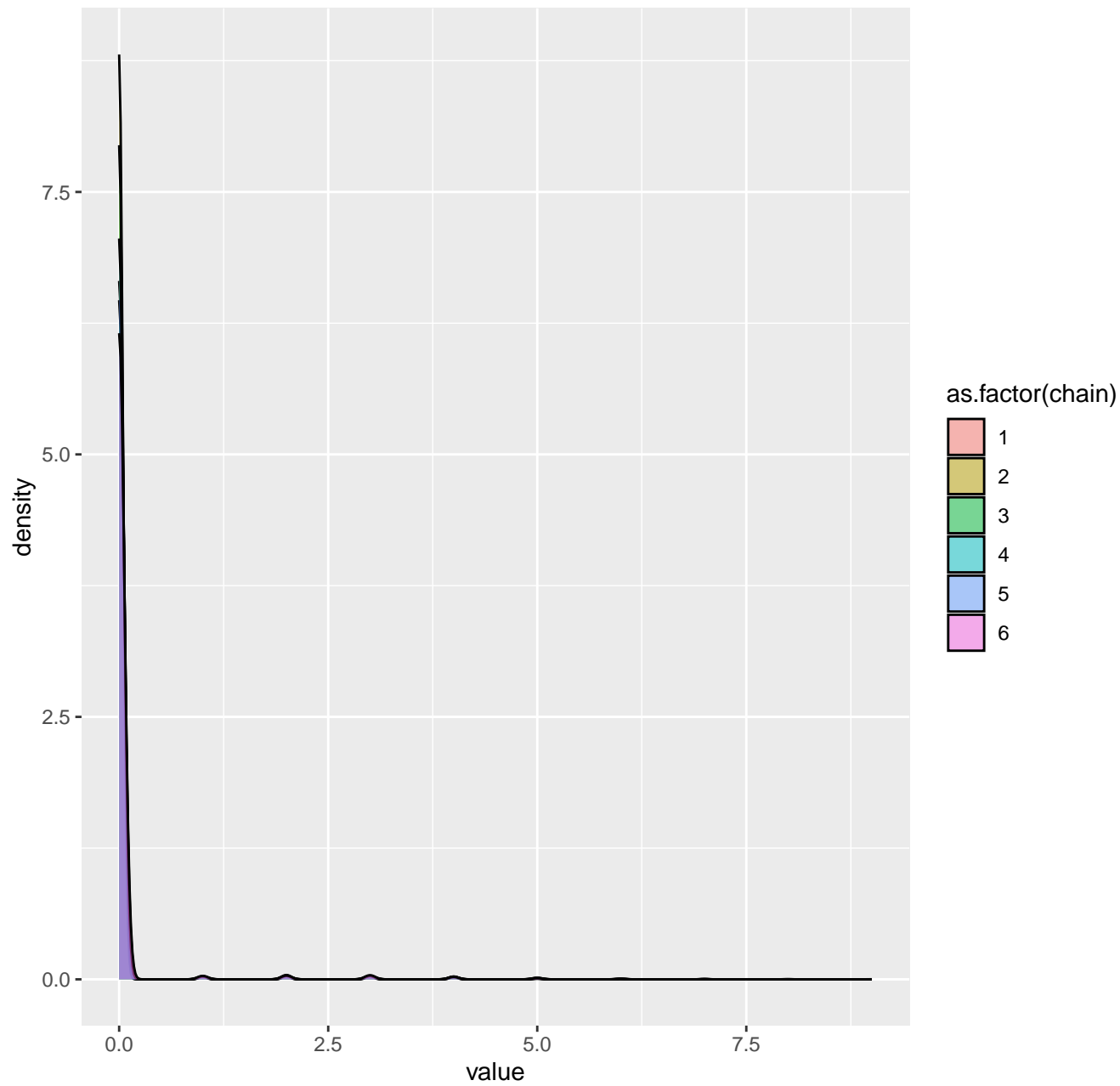
Density plot of X_46 over the chains



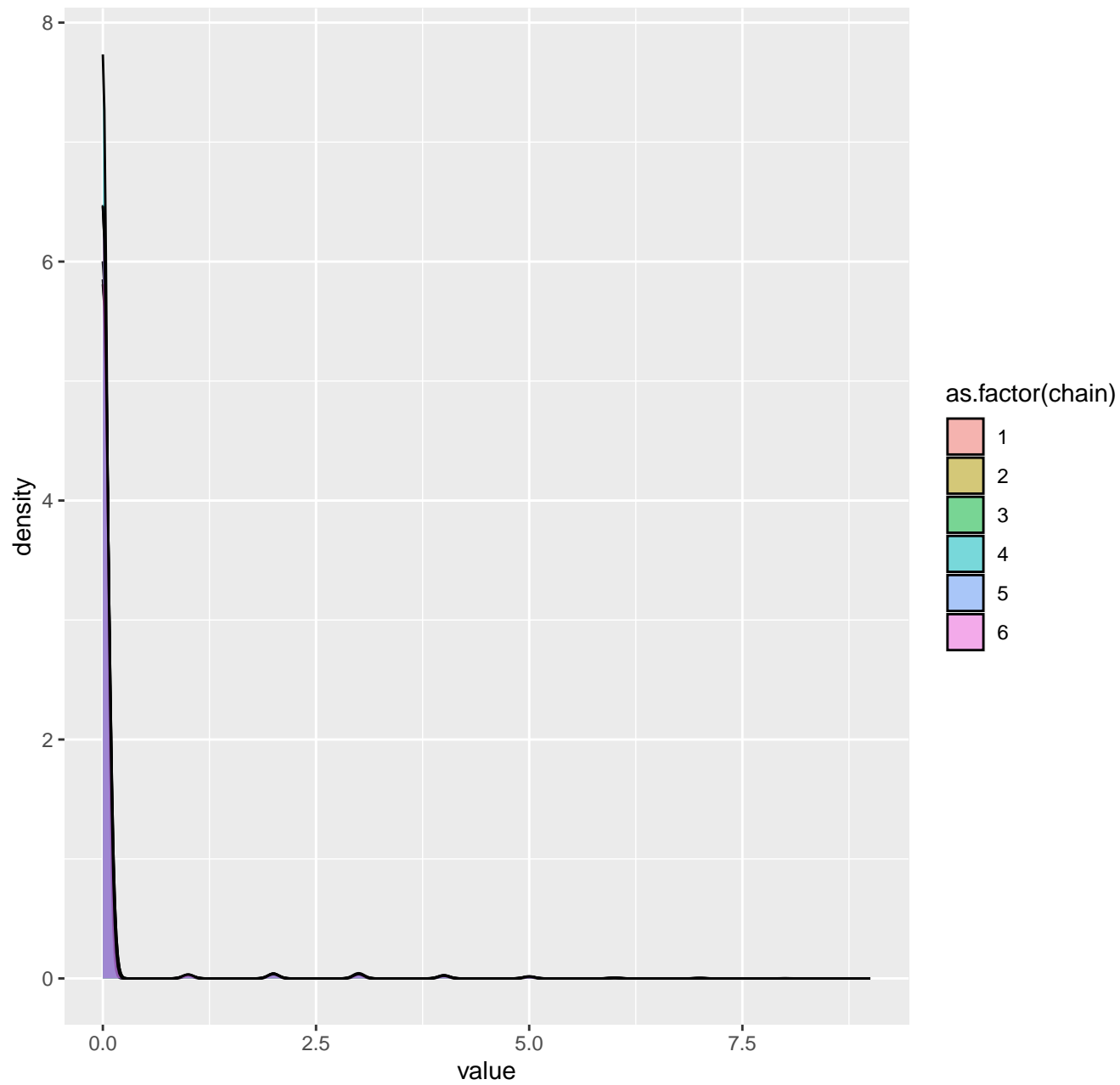
Density plot of X_47 over the chains



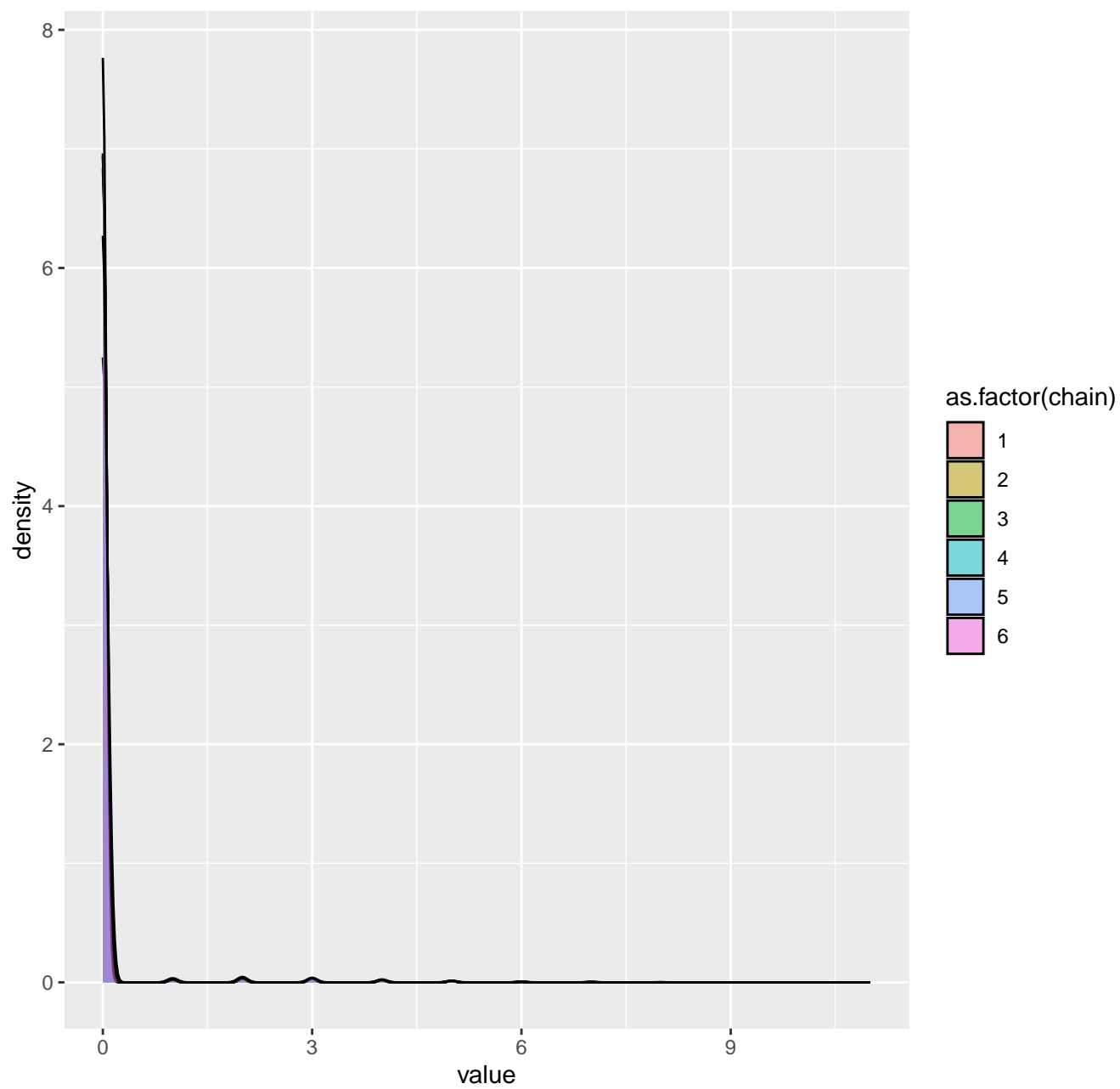
Density plot of X_48 over the chains



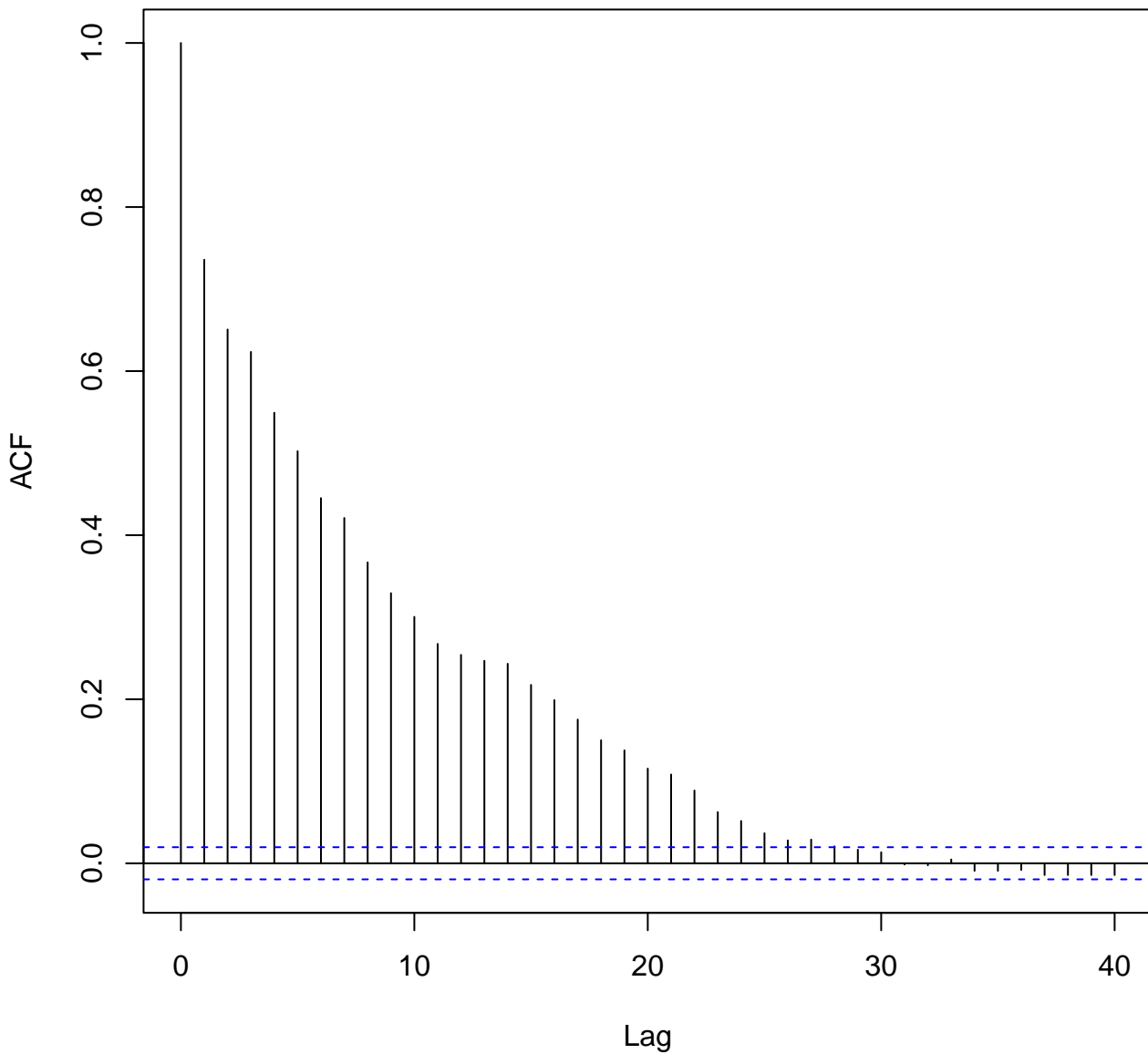
Density plot of X_49 over the chains



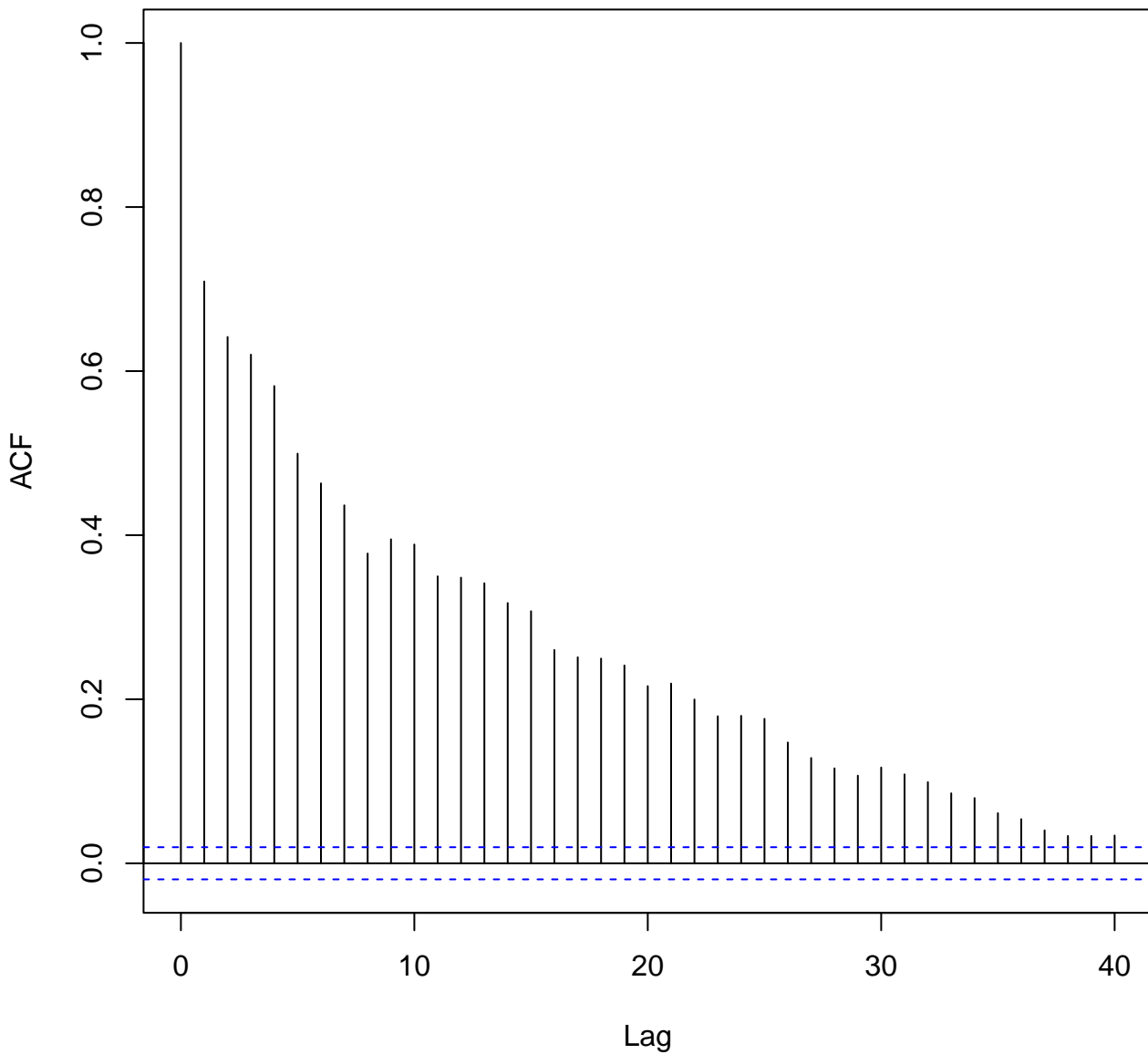
Density plot of X_50 over the chains



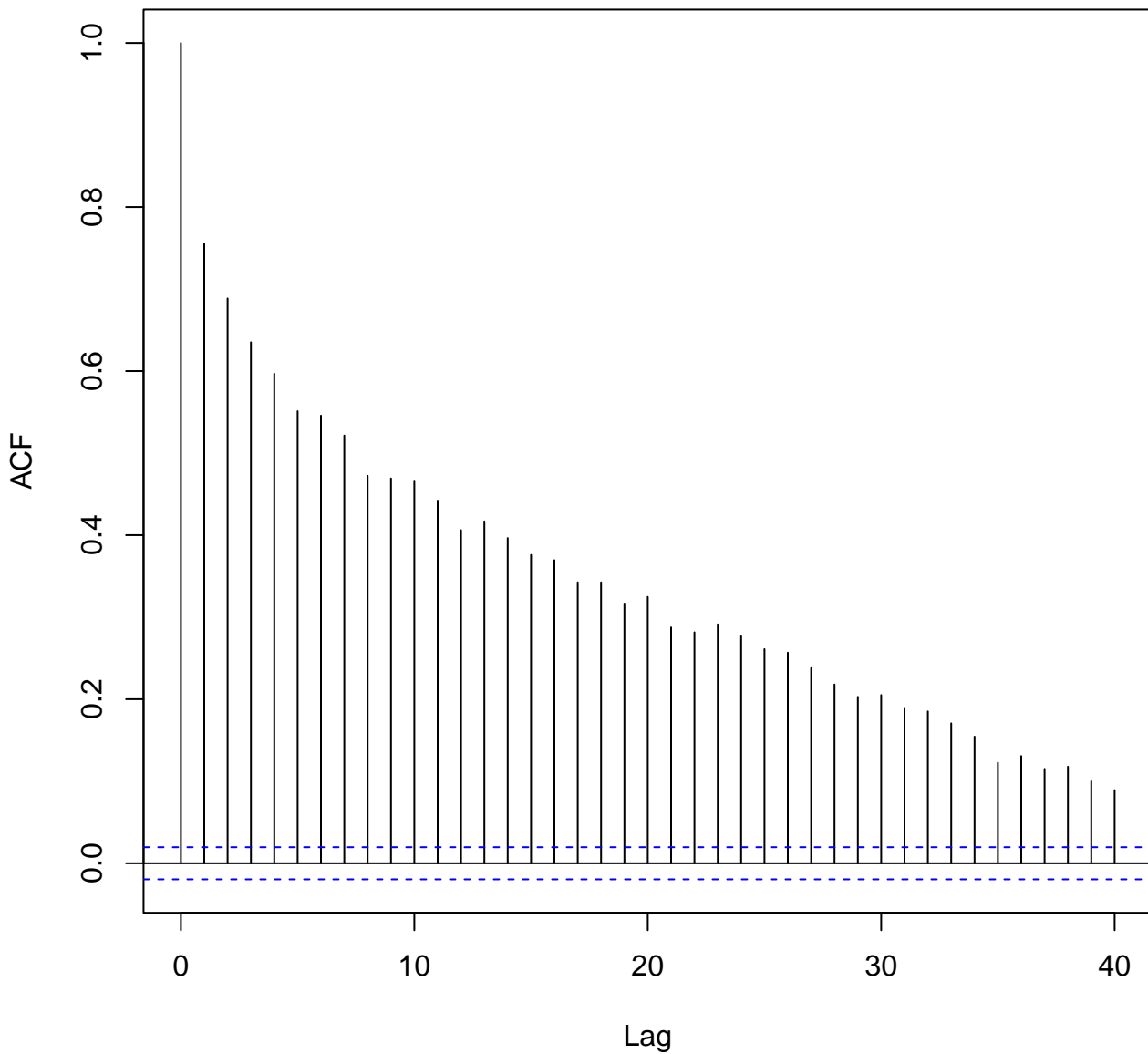
X_1 chain 1



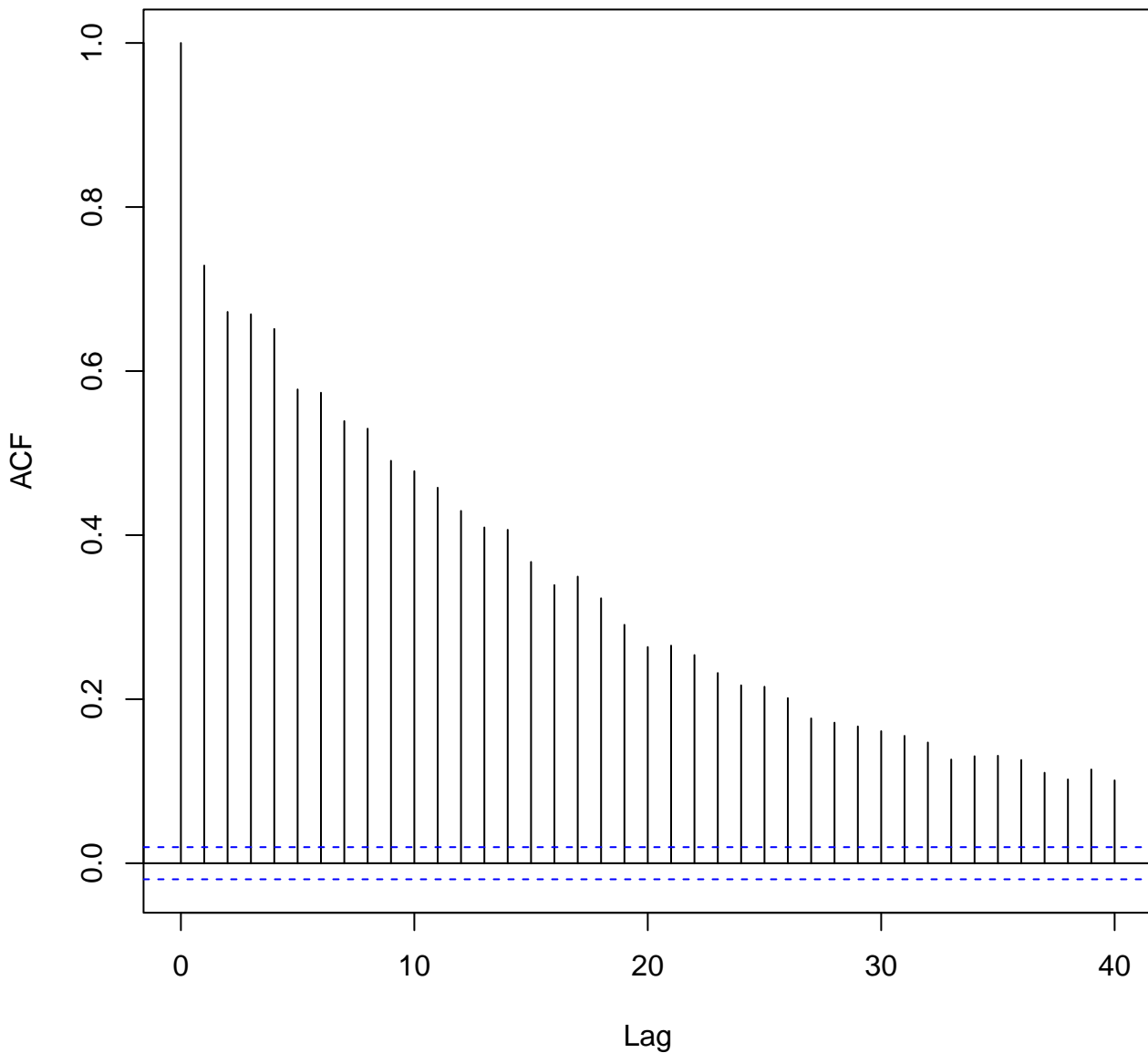
X_1 chain 2



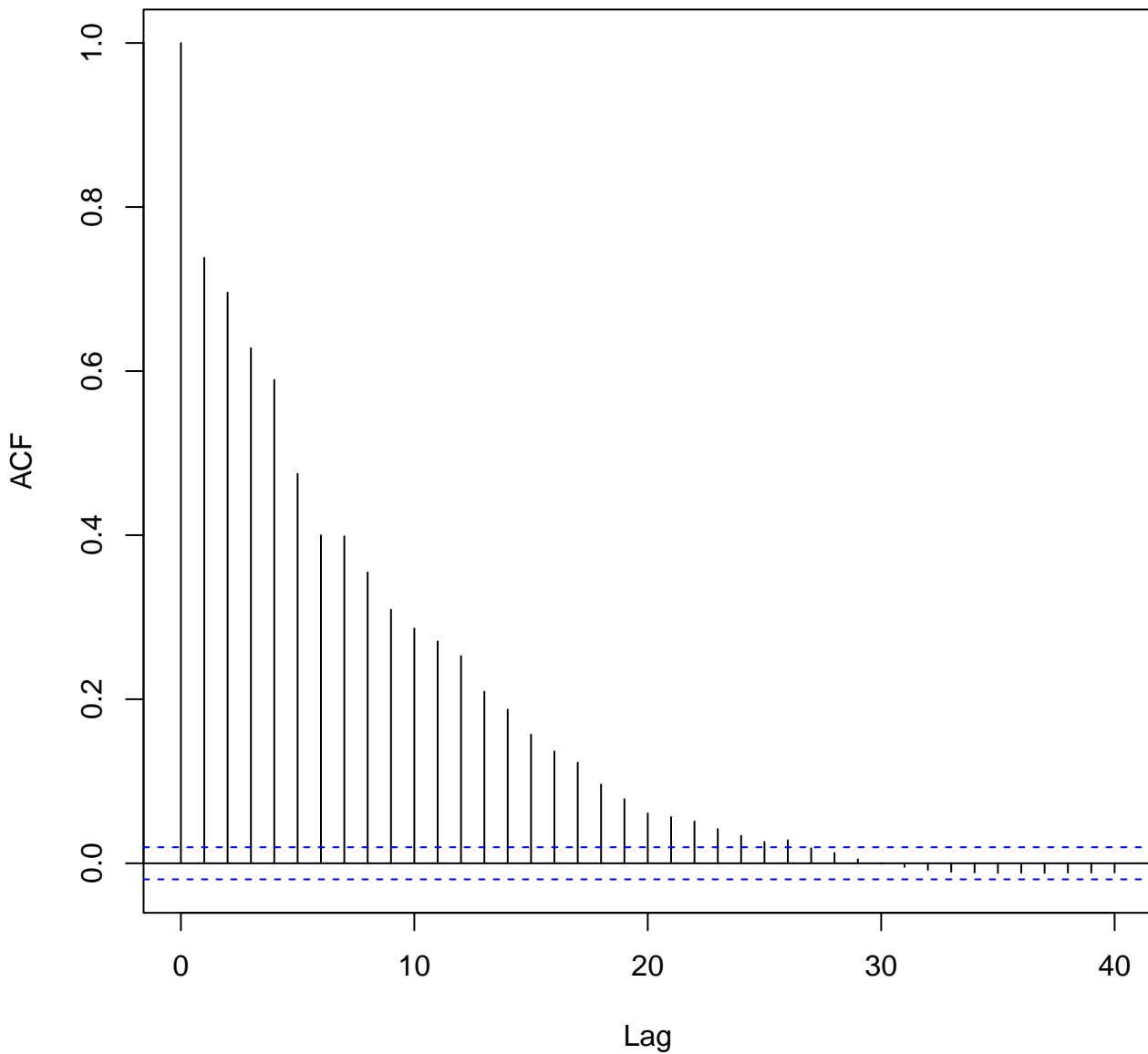
X_1 chain 3



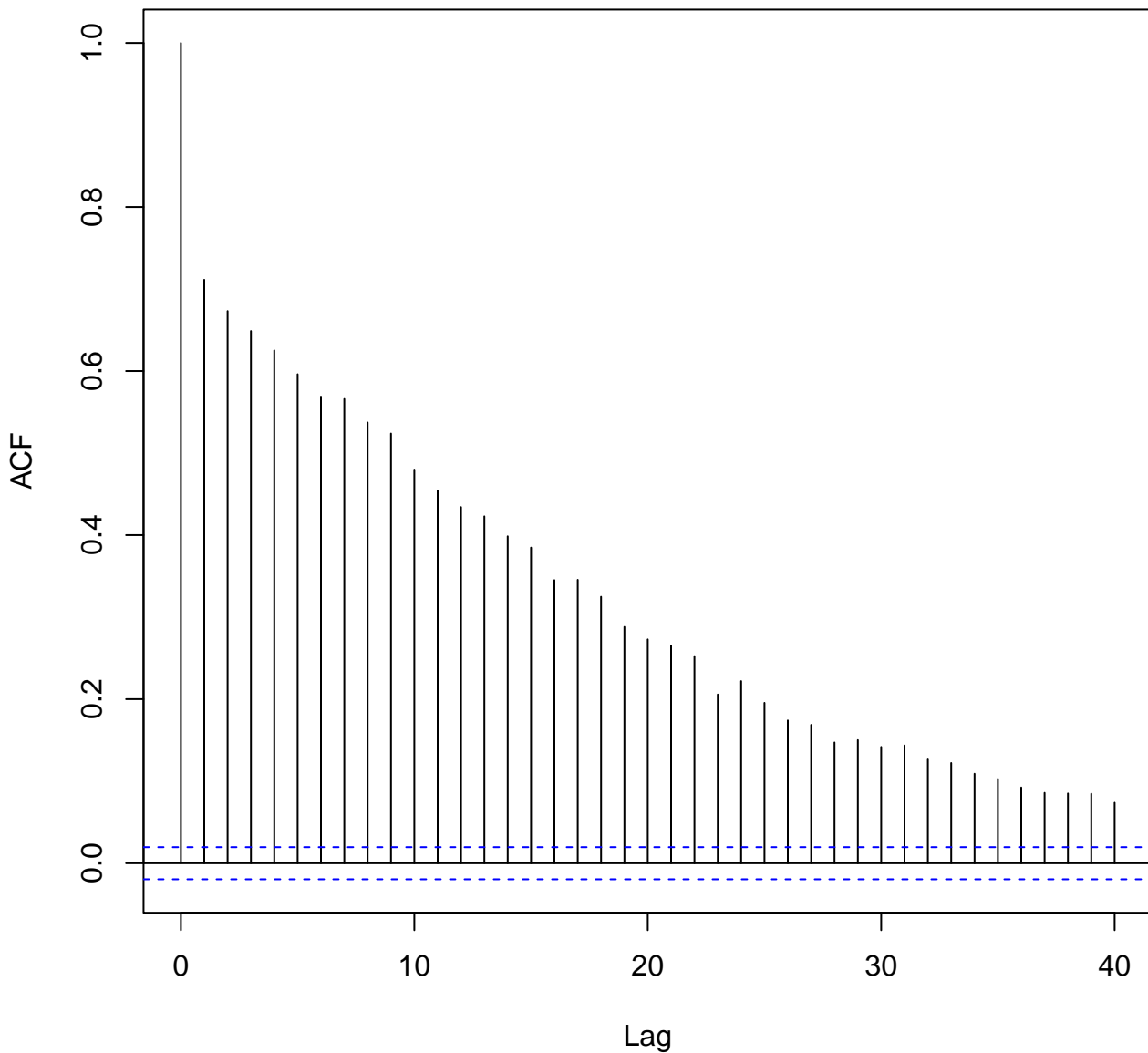
X_1 chain 4



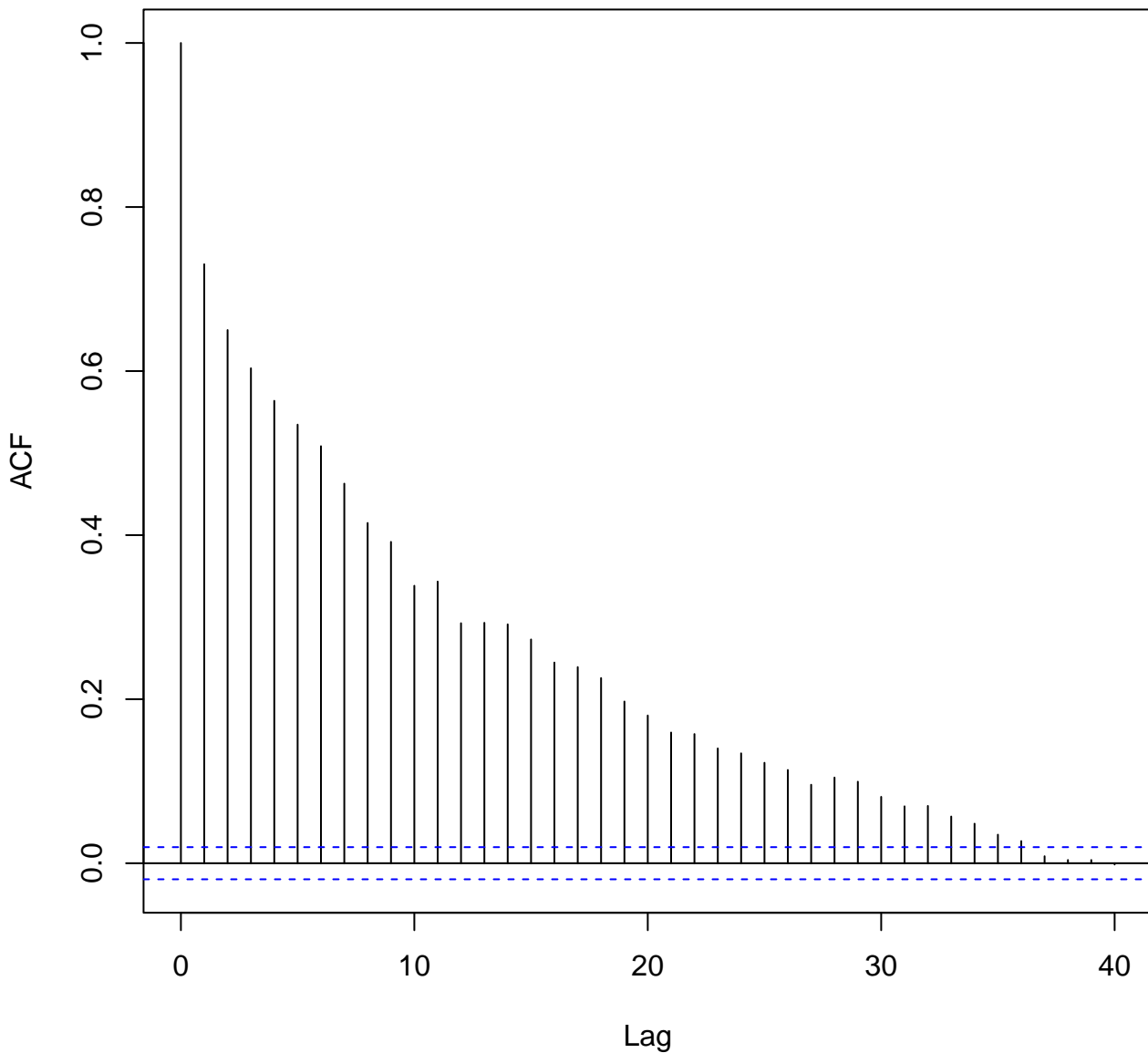
X_1 chain 5



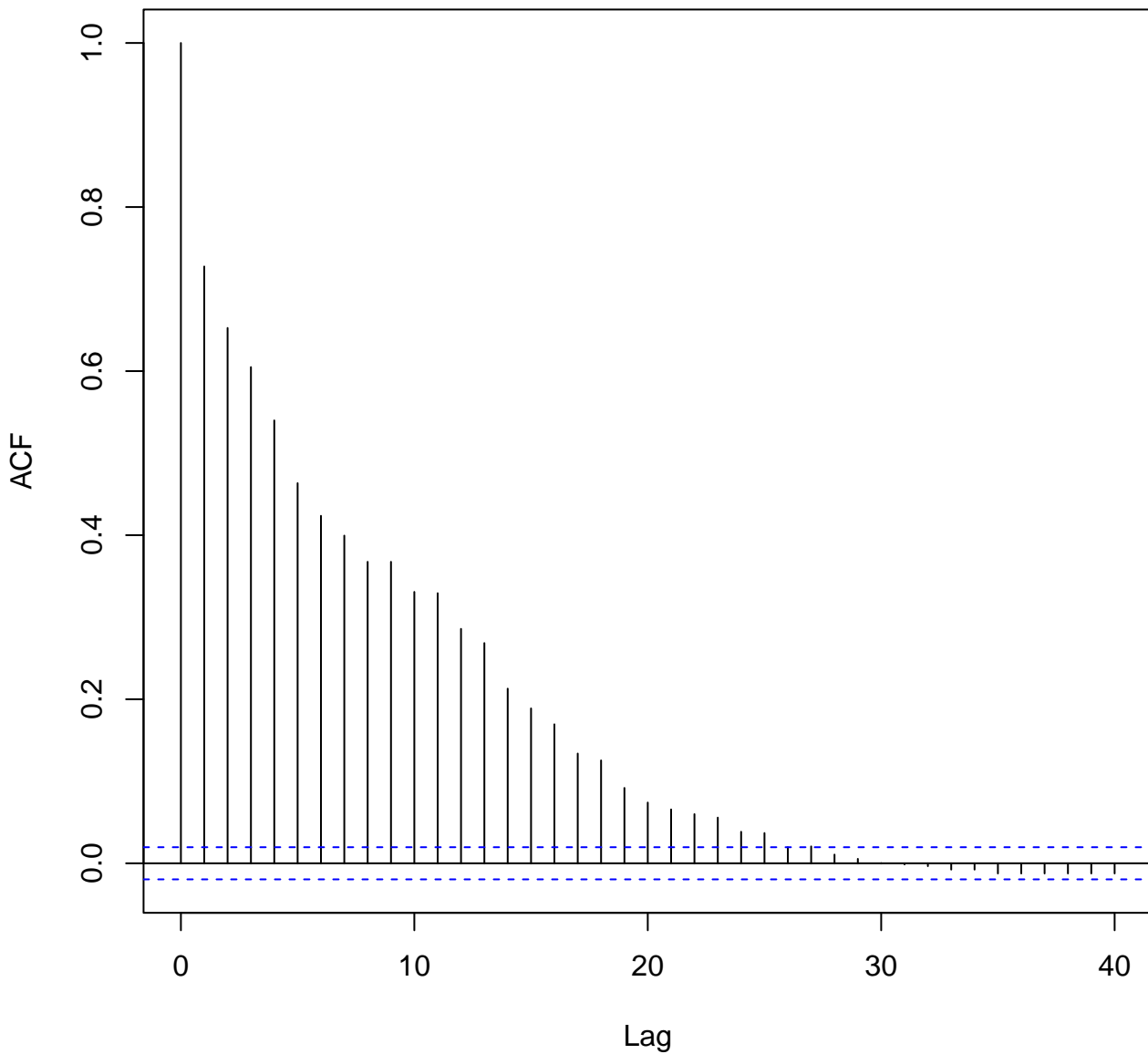
X_1 chain 6



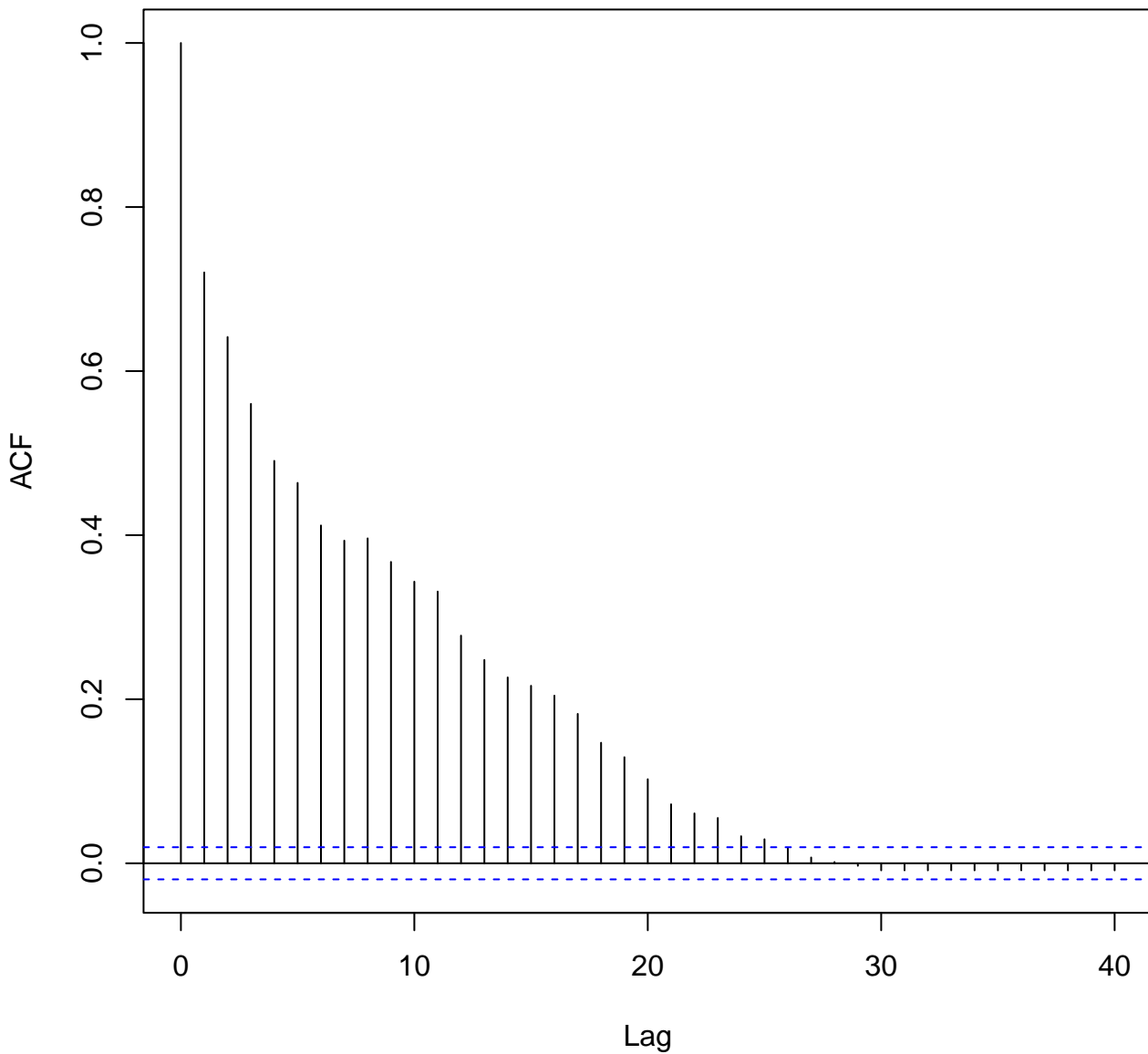
X_2 chain 1



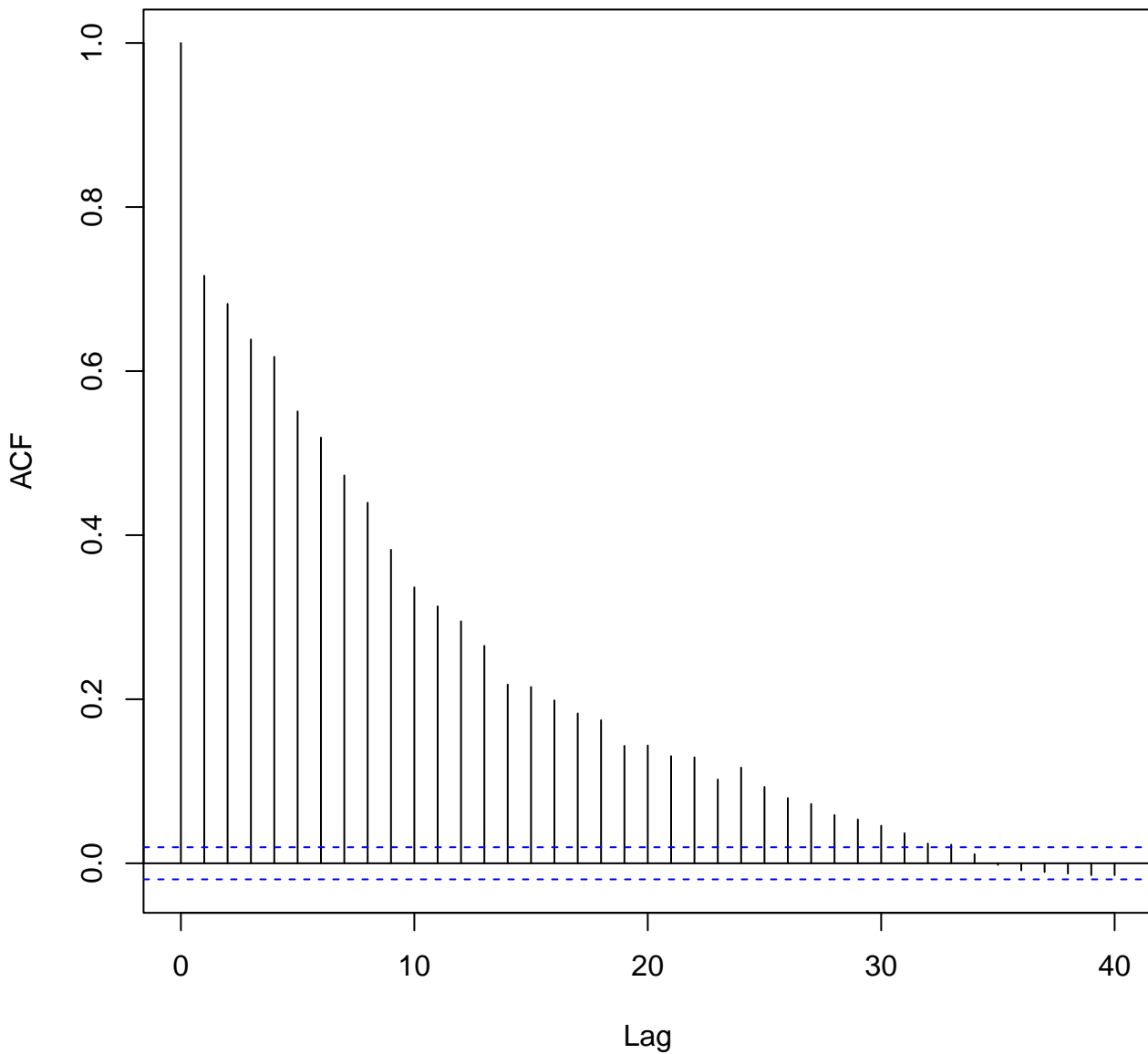
X_2 chain 2



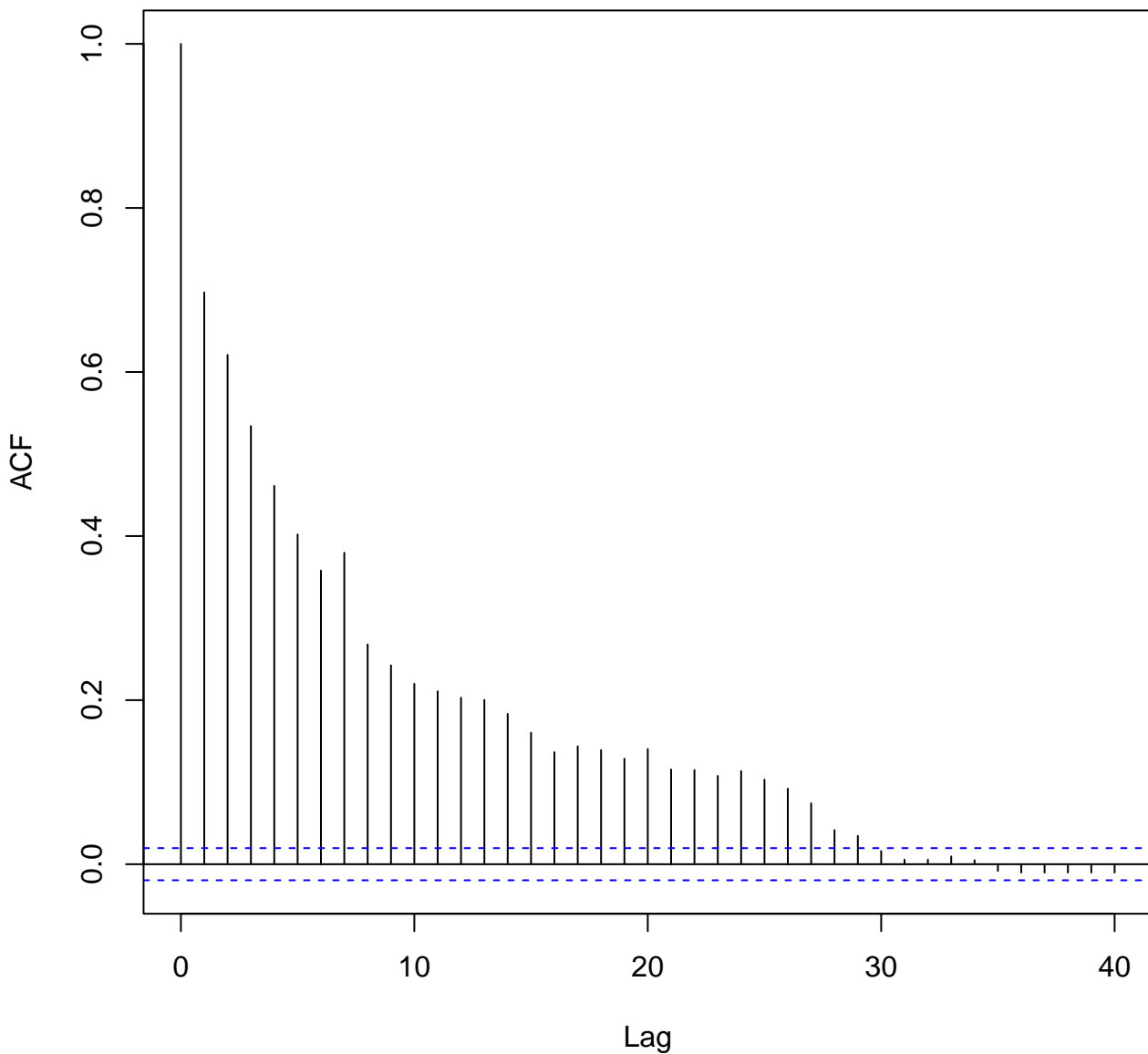
X_2 chain 3



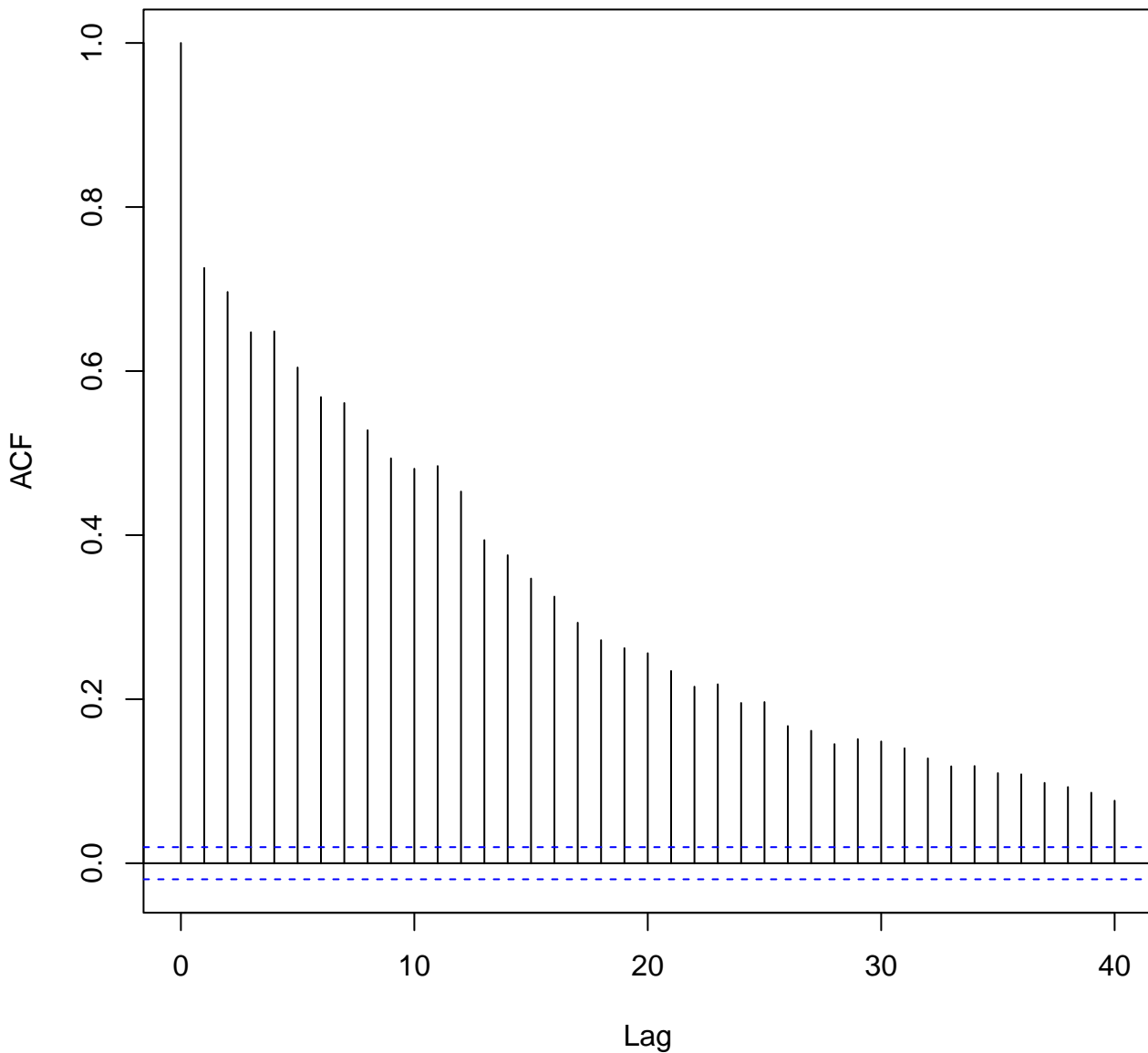
X_2 chain 4



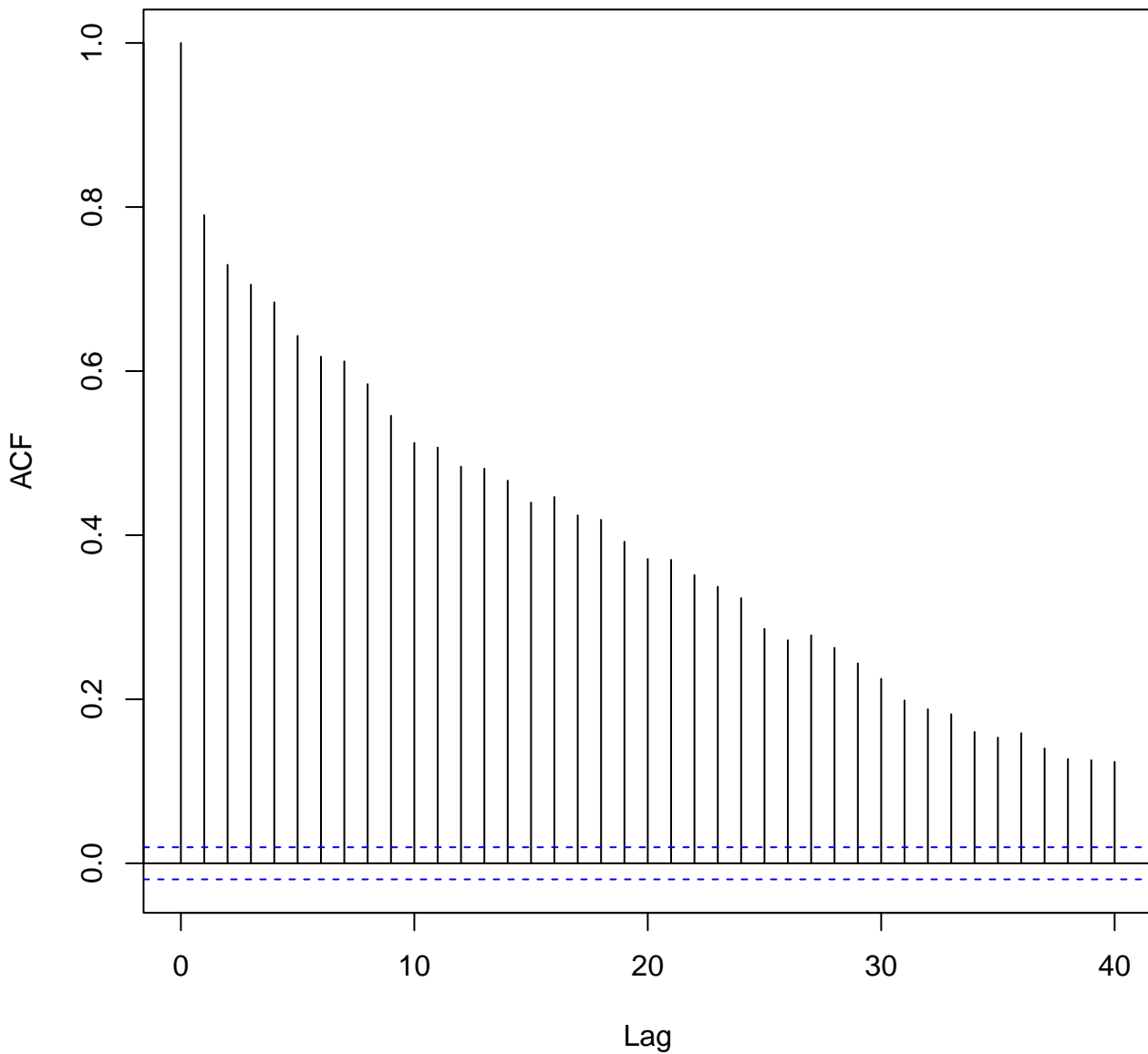
X_2 chain 5



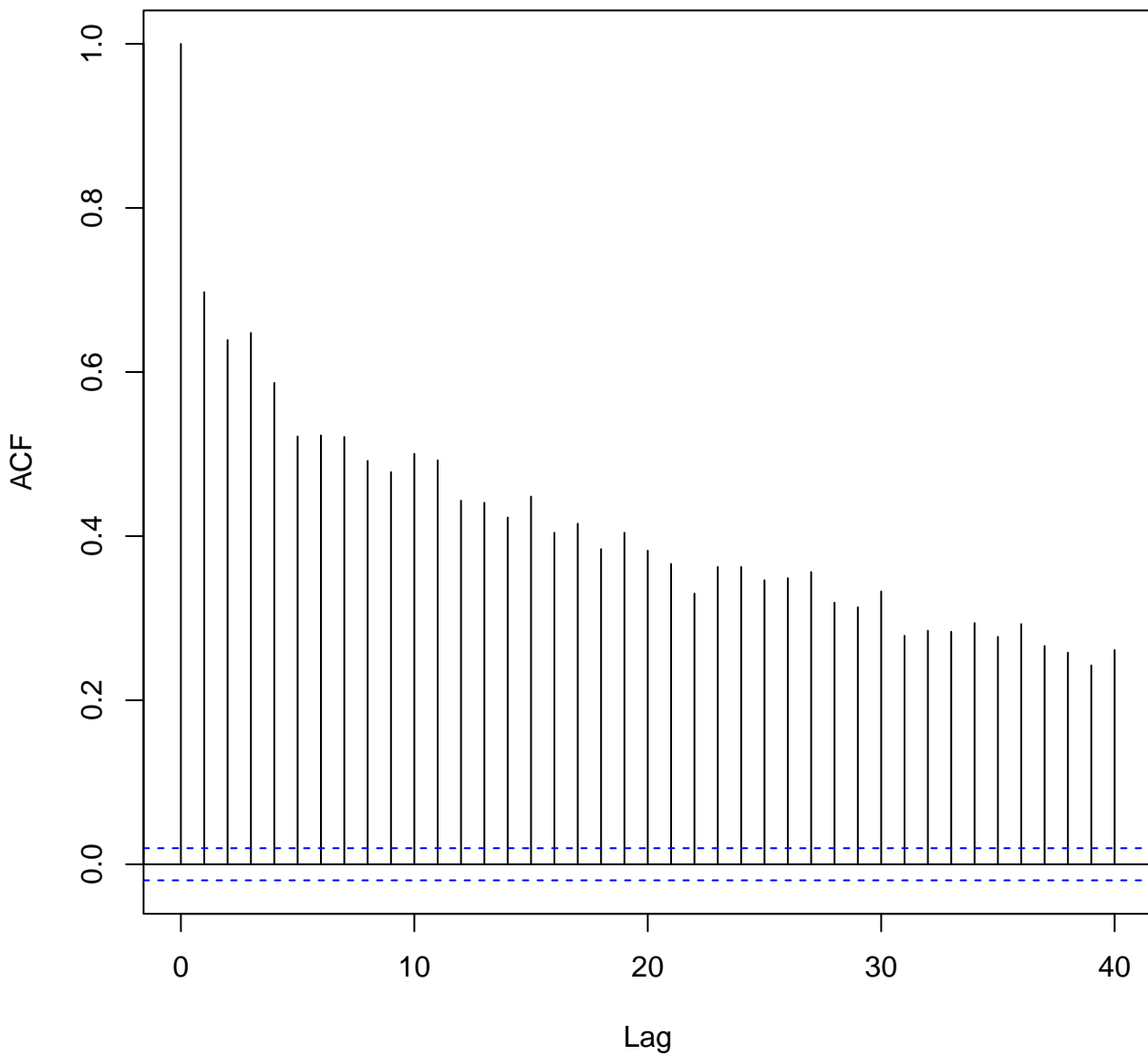
X_2 chain 6



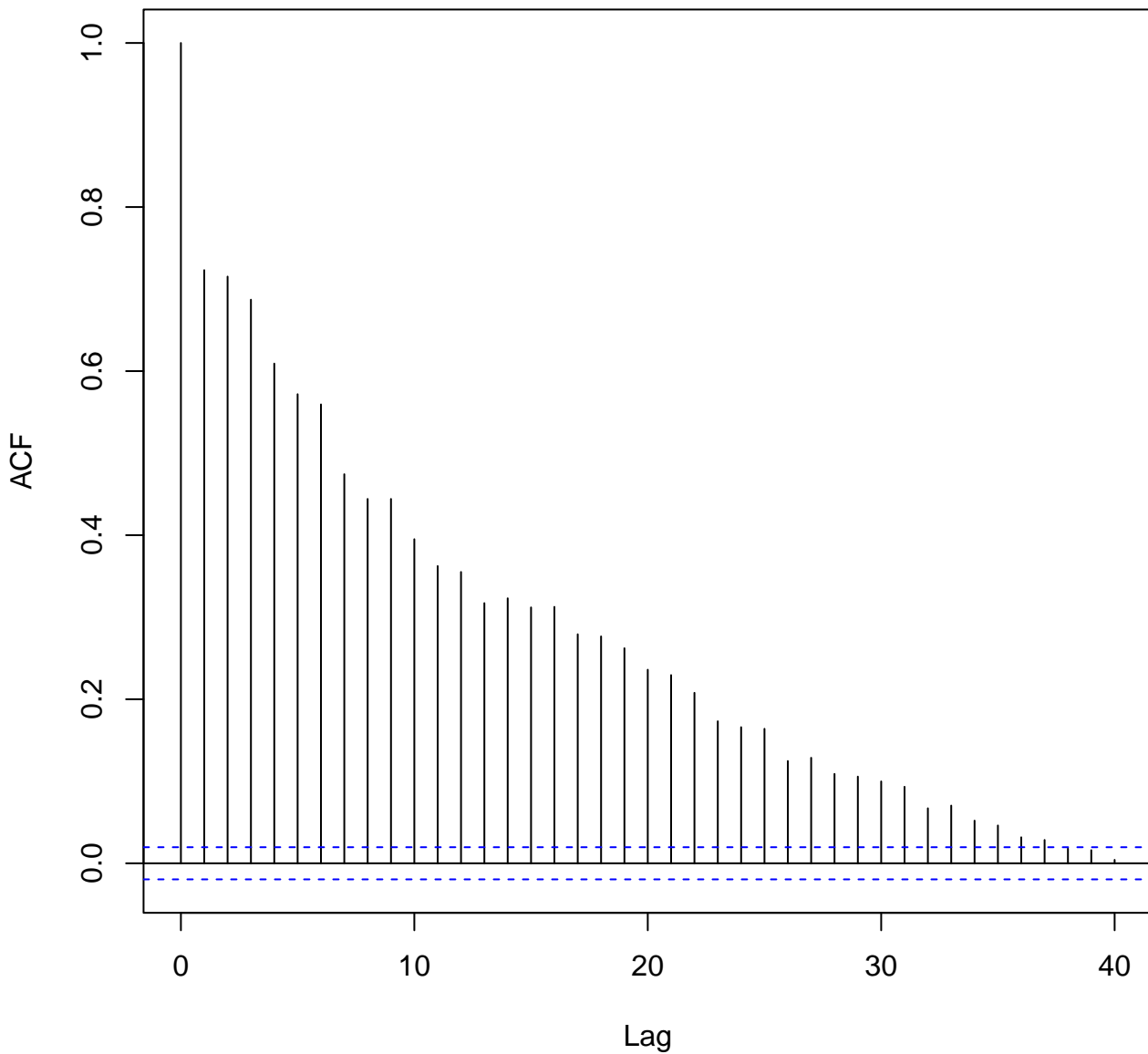
X_3 chain 1



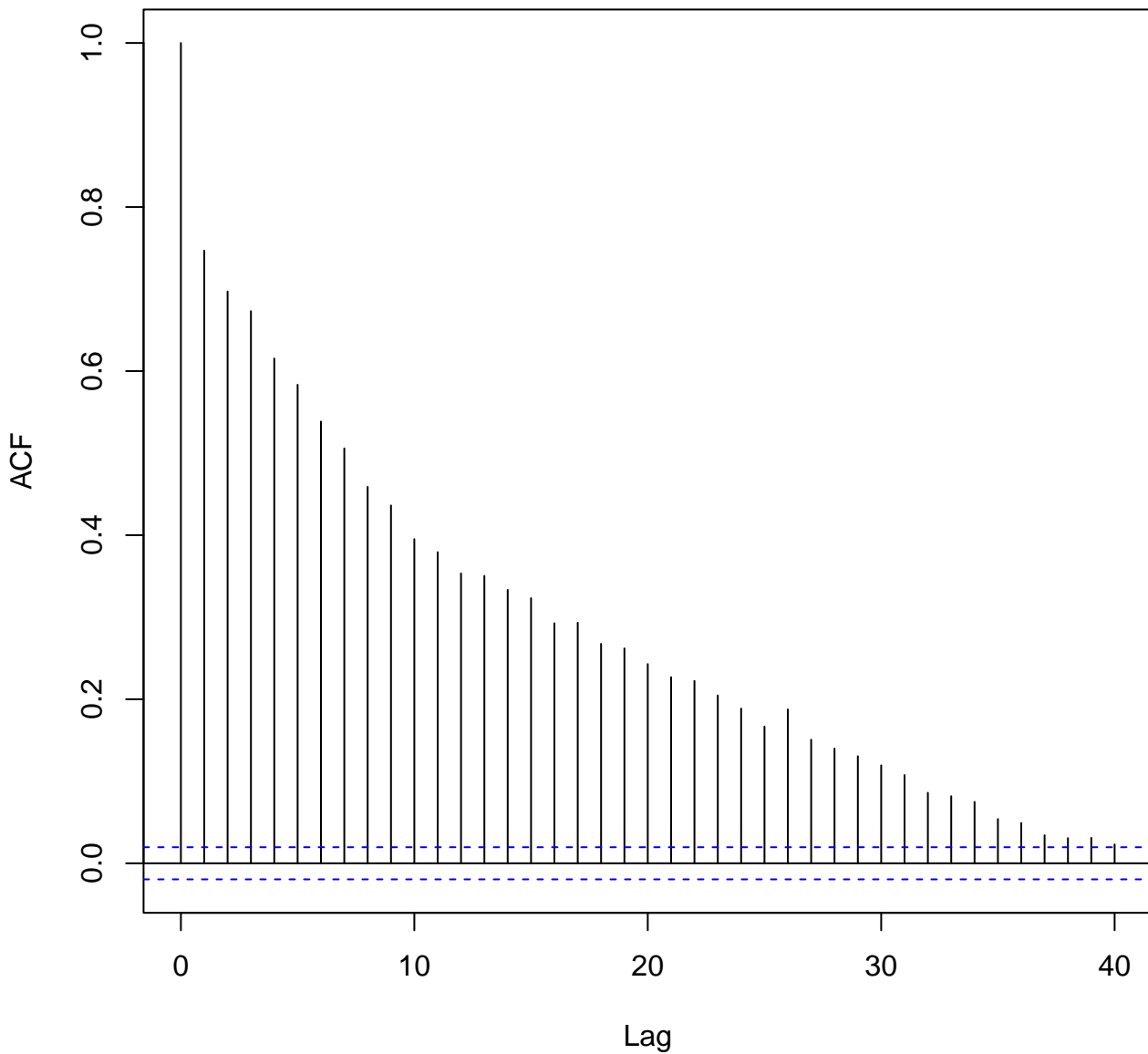
X_3 chain 2



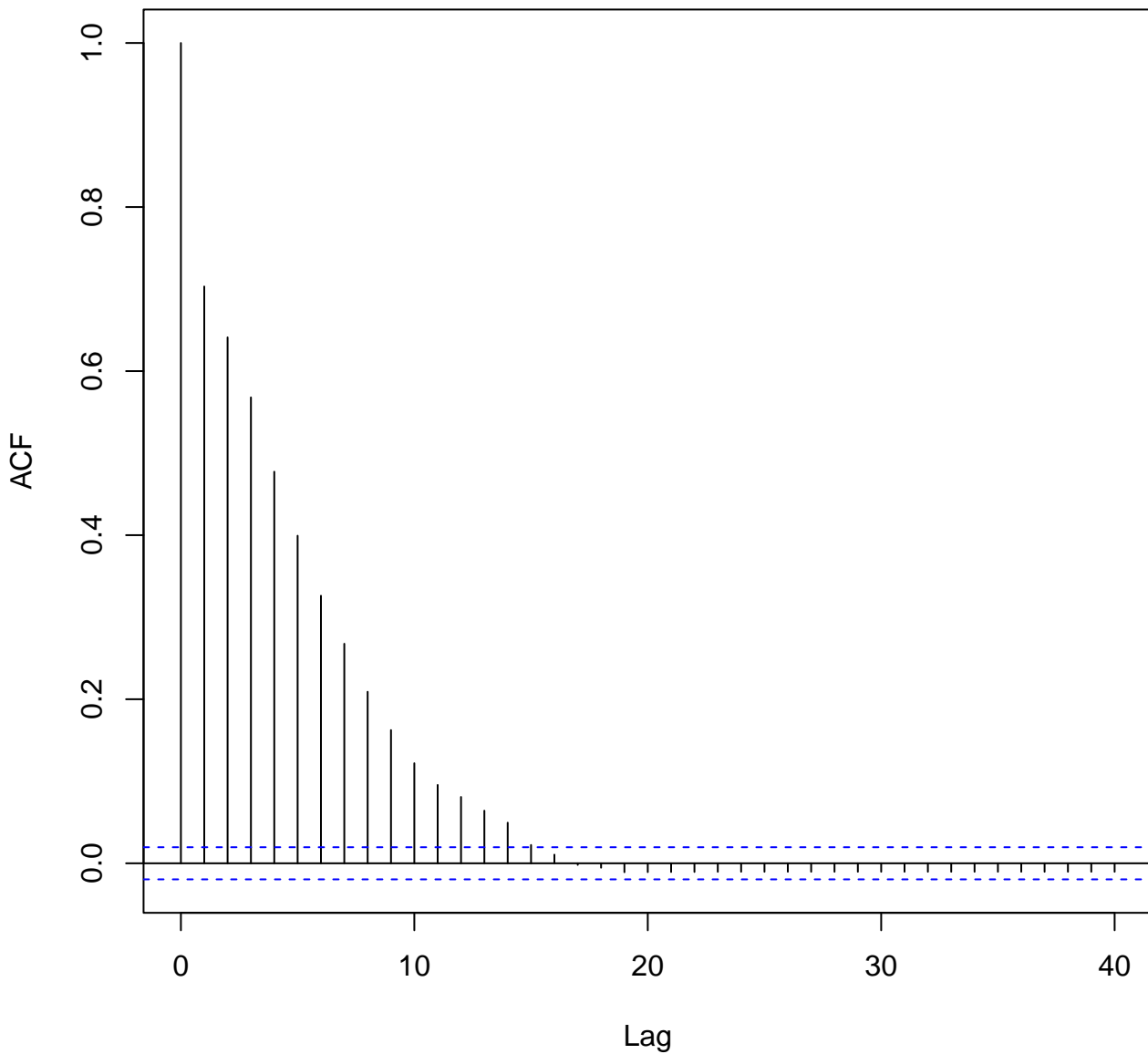
X_3 chain 3



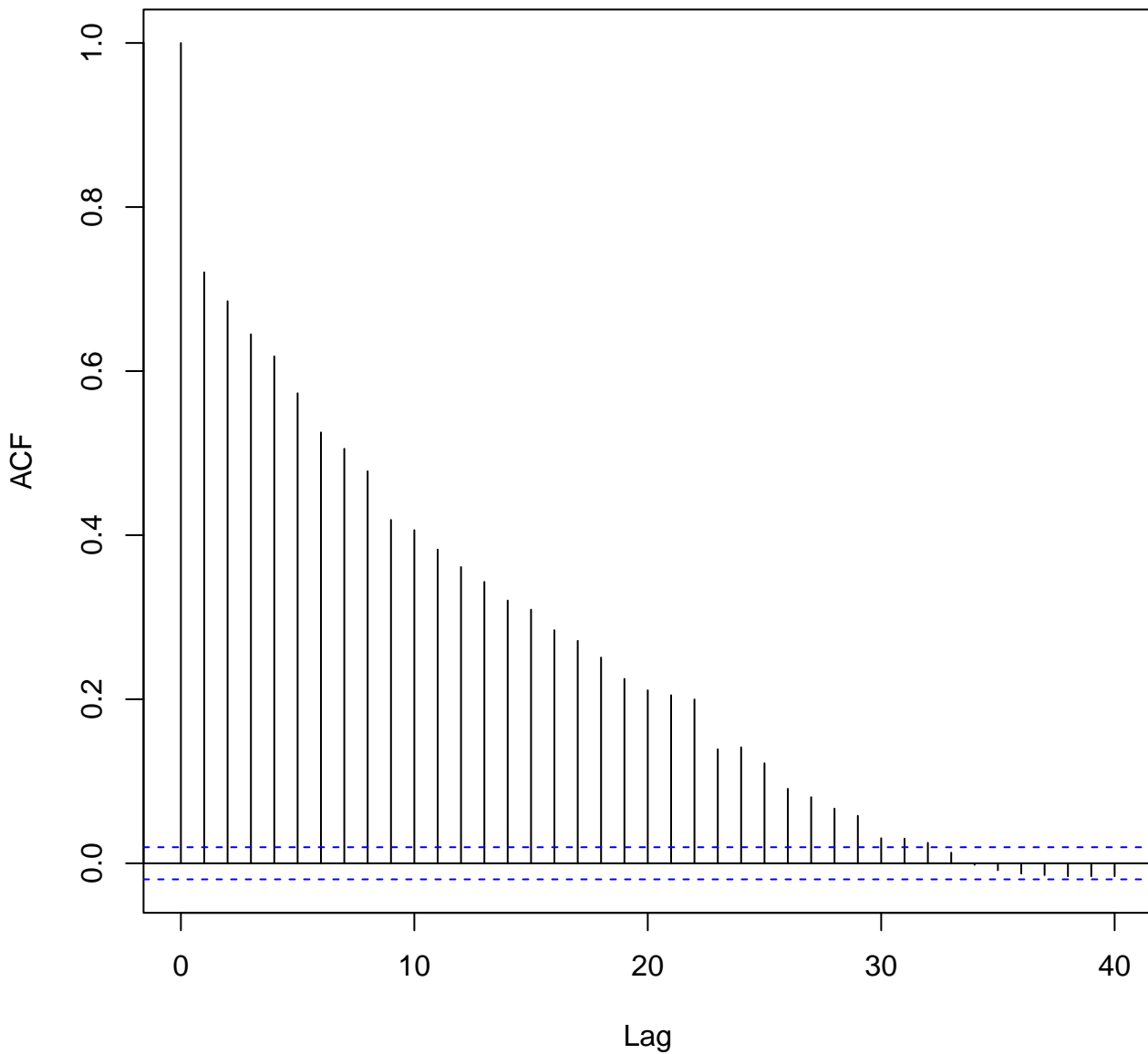
X_3 chain 4



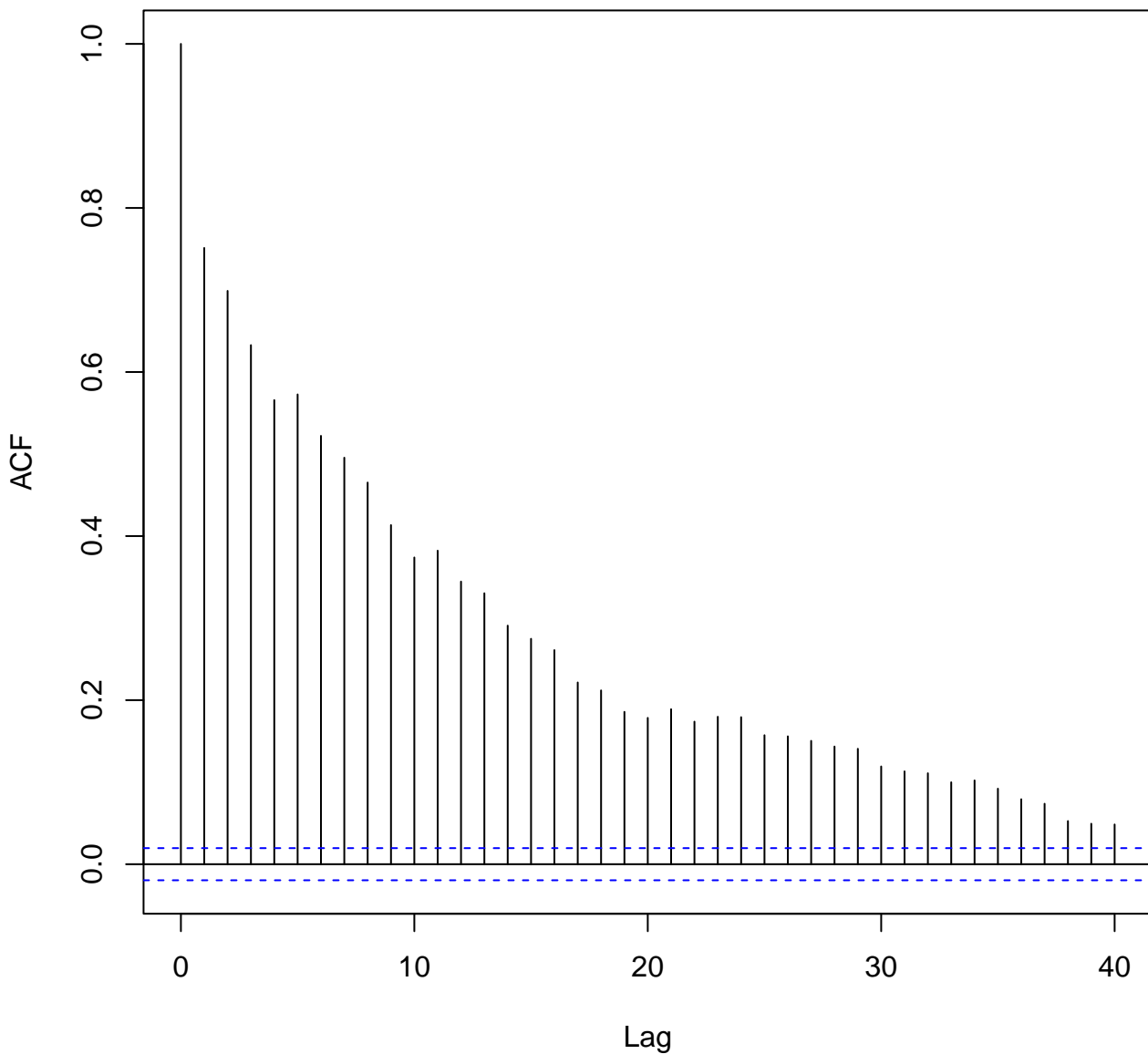
X_3 chain 5



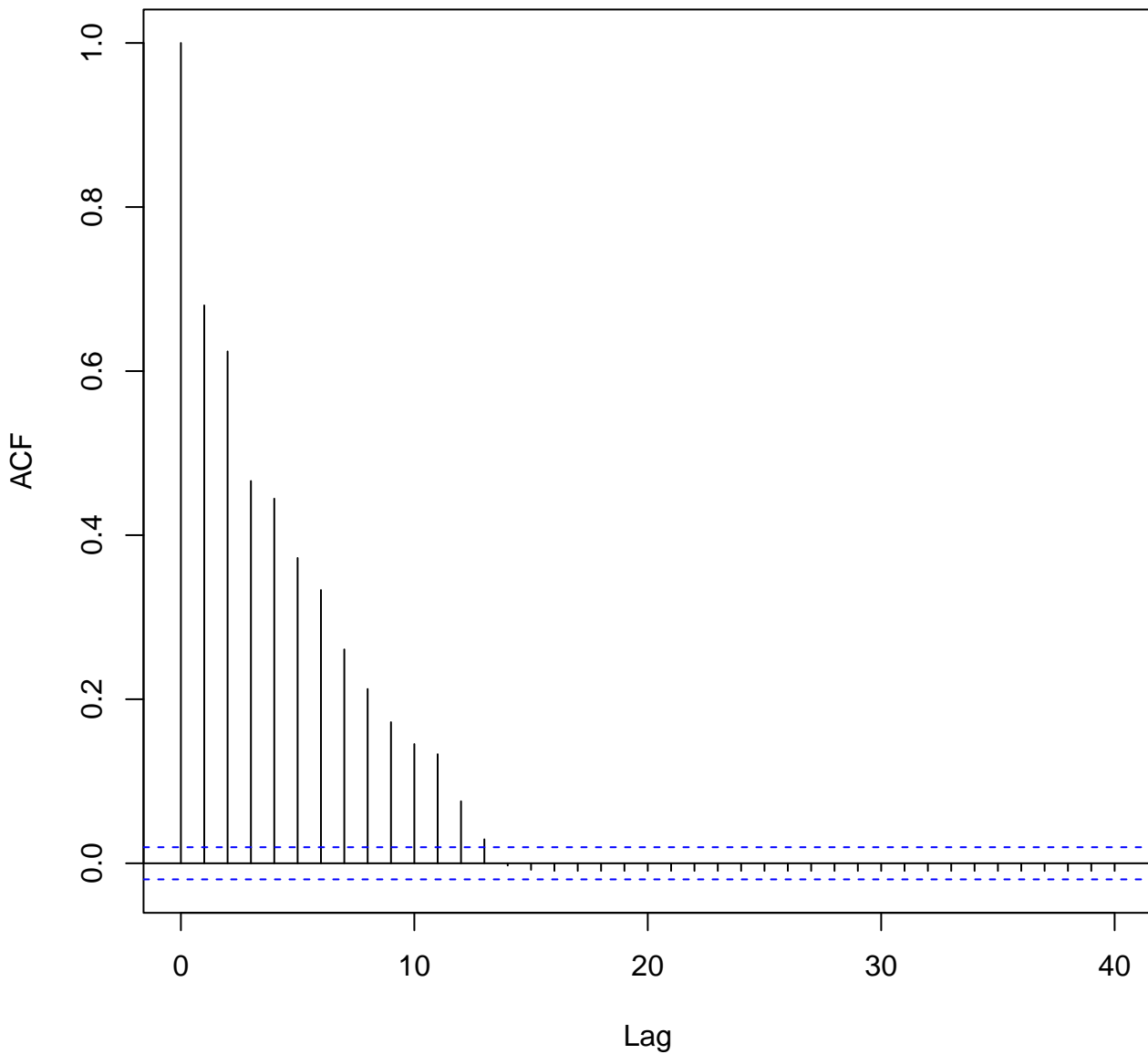
X_3 chain 6



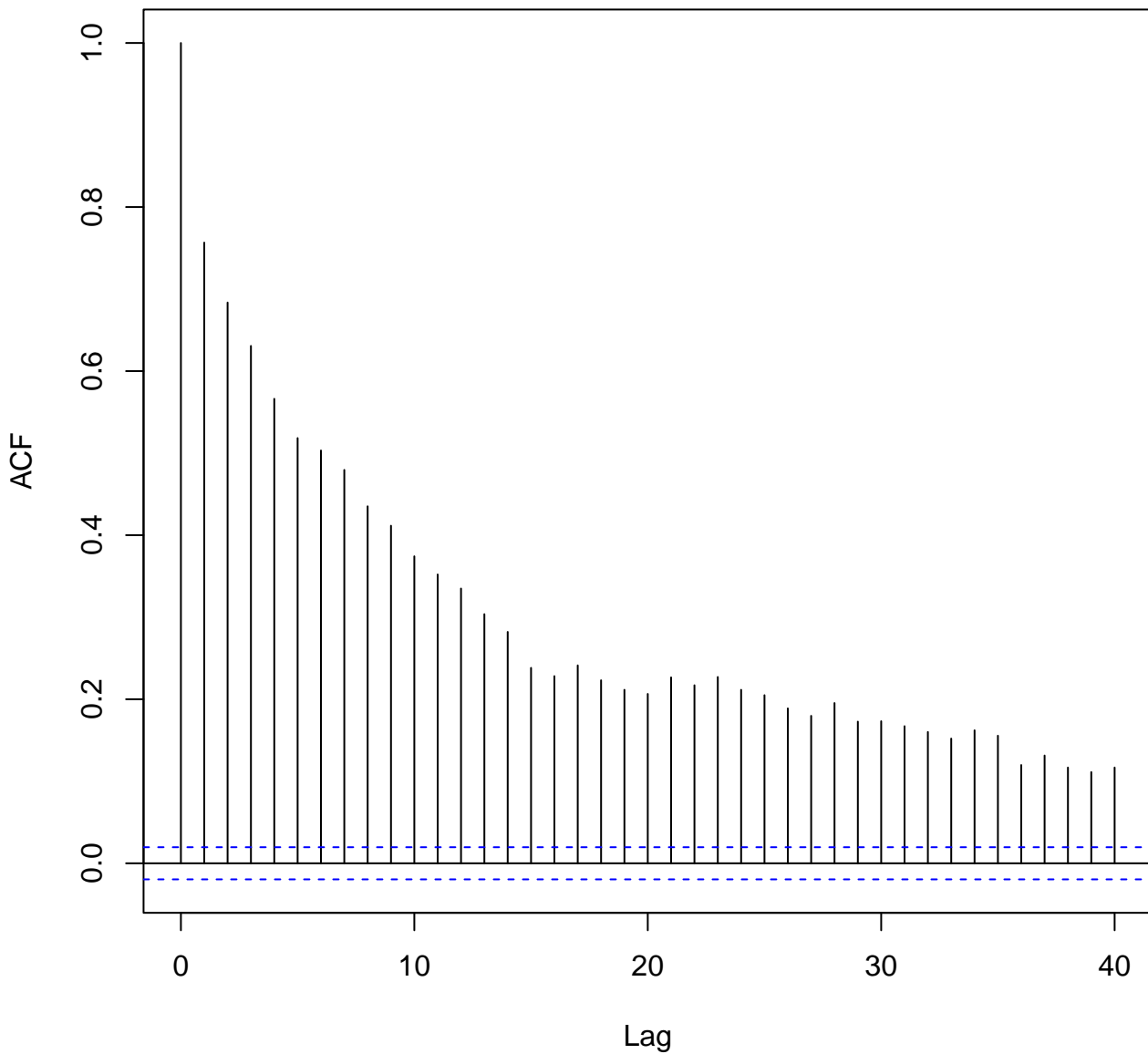
X_4 chain 1



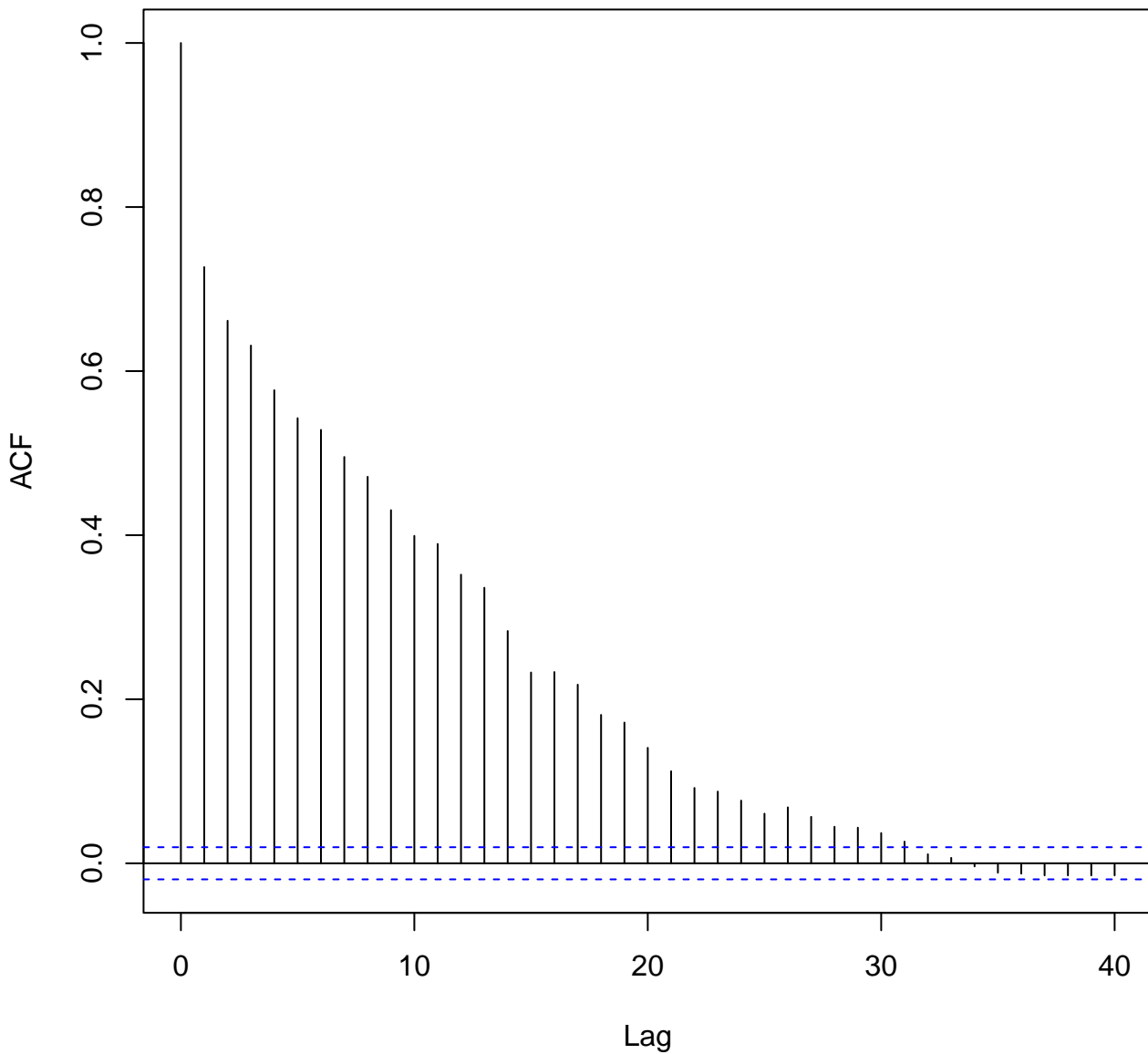
X_4 chain 2



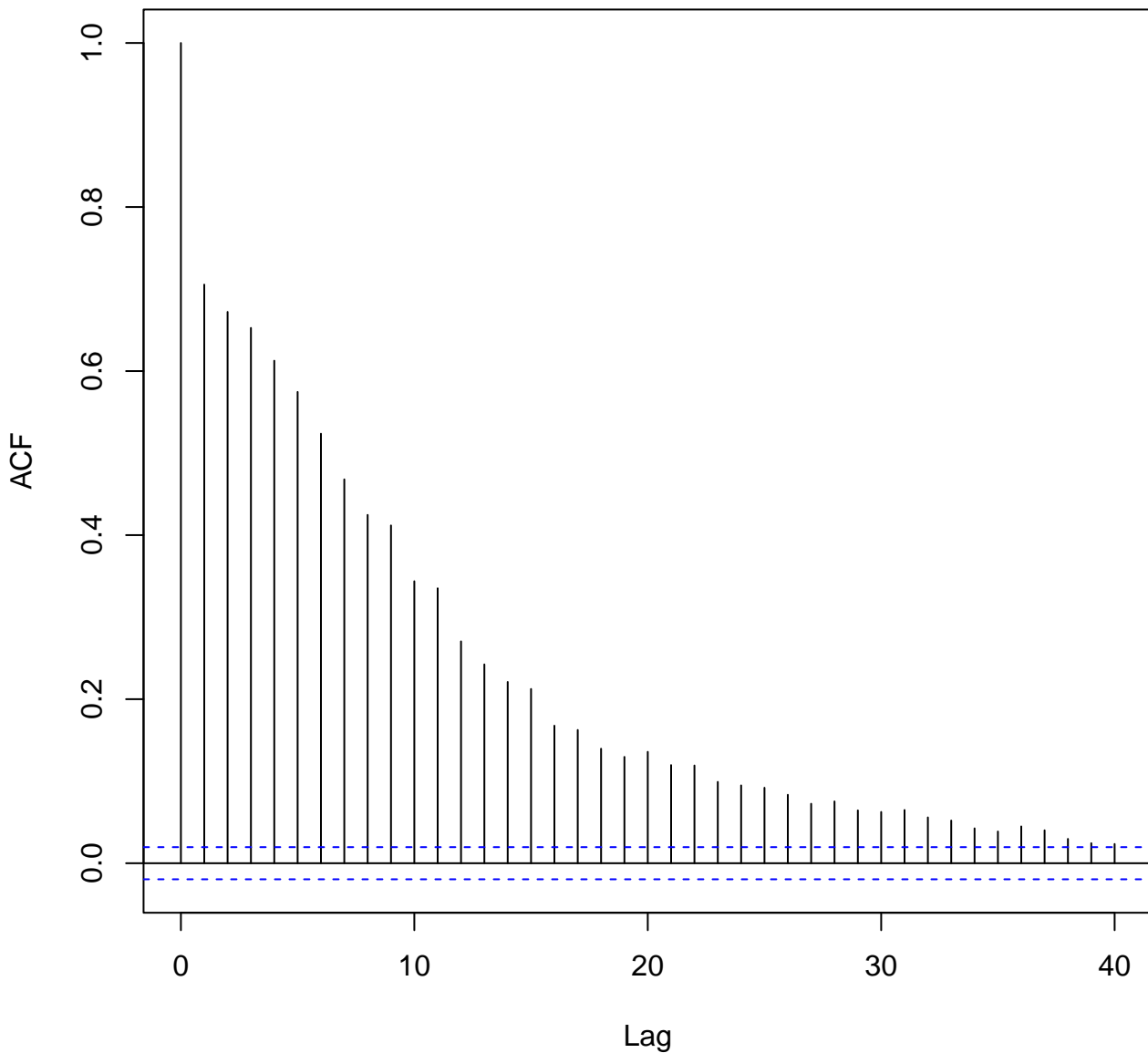
X_4 chain 3



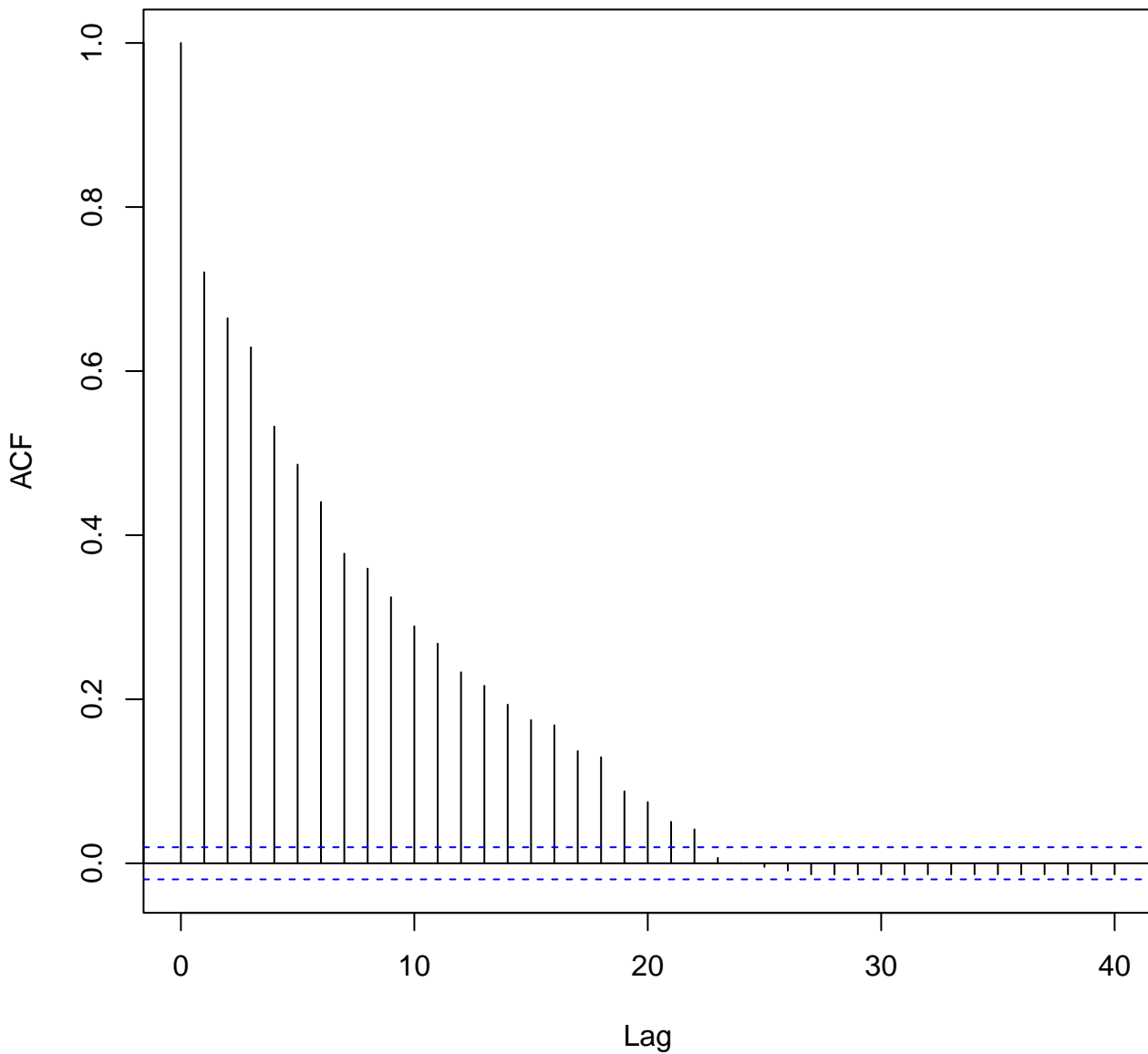
X_4 chain 4



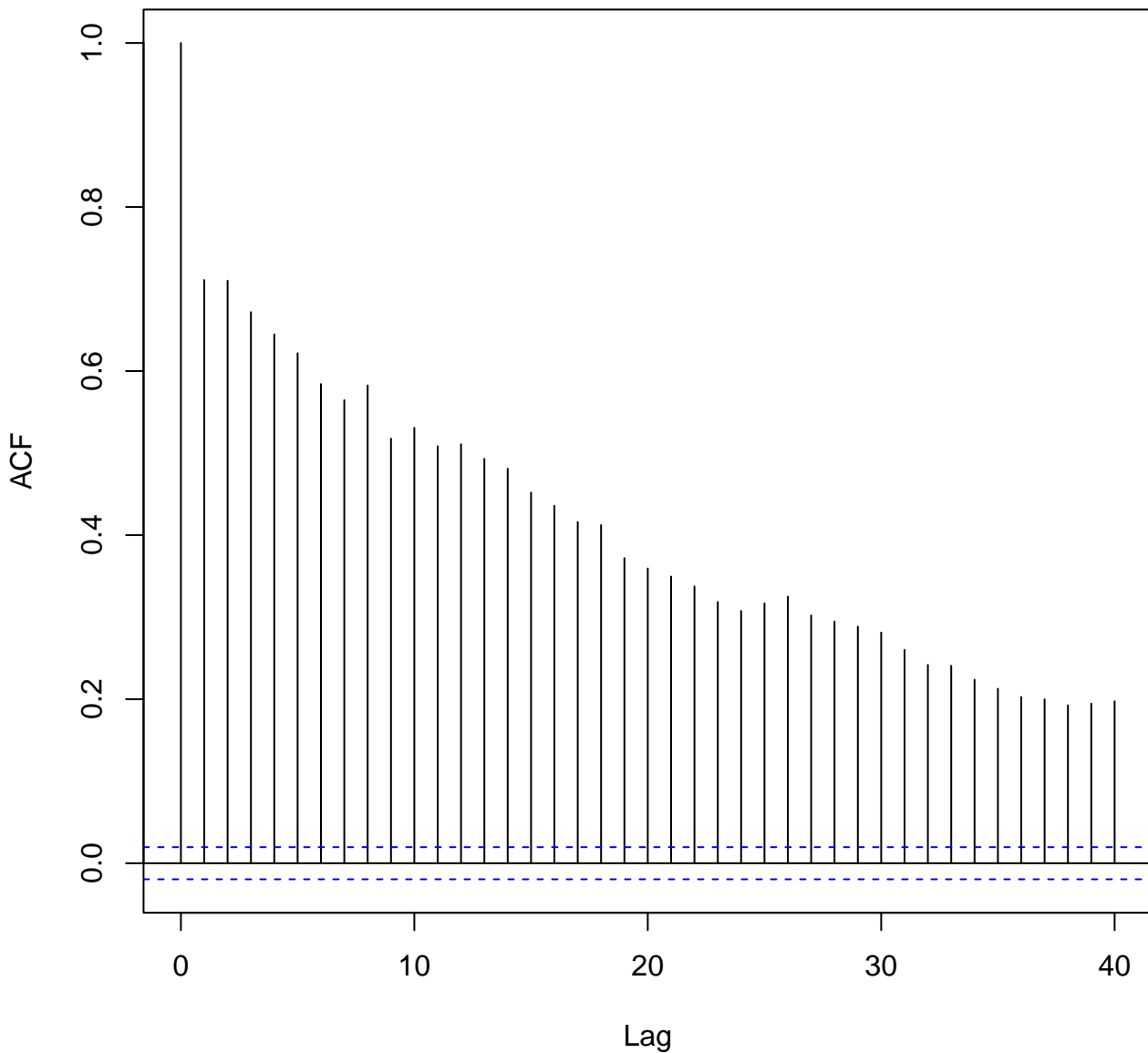
X_4 chain 5



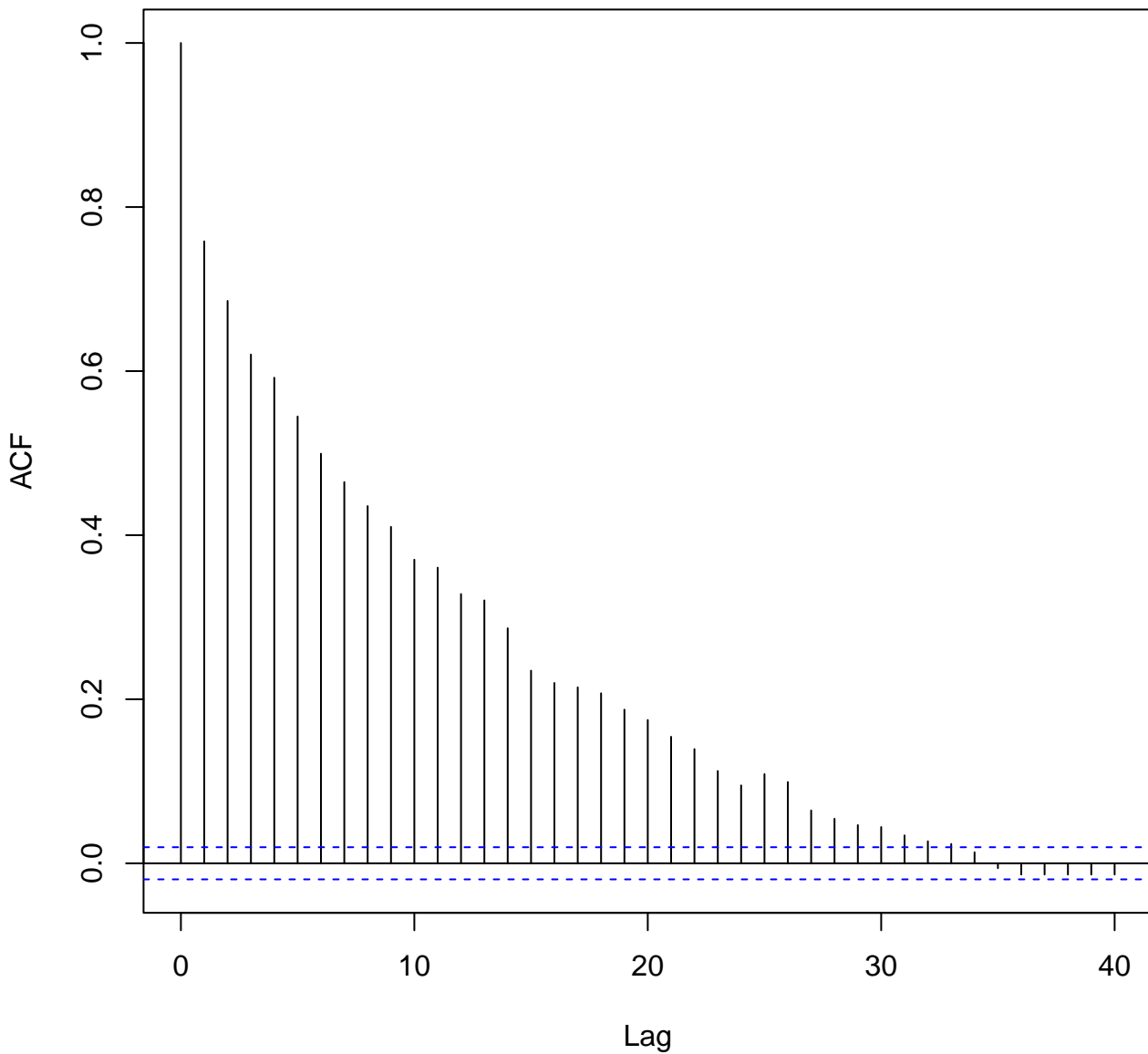
X_4 chain 6



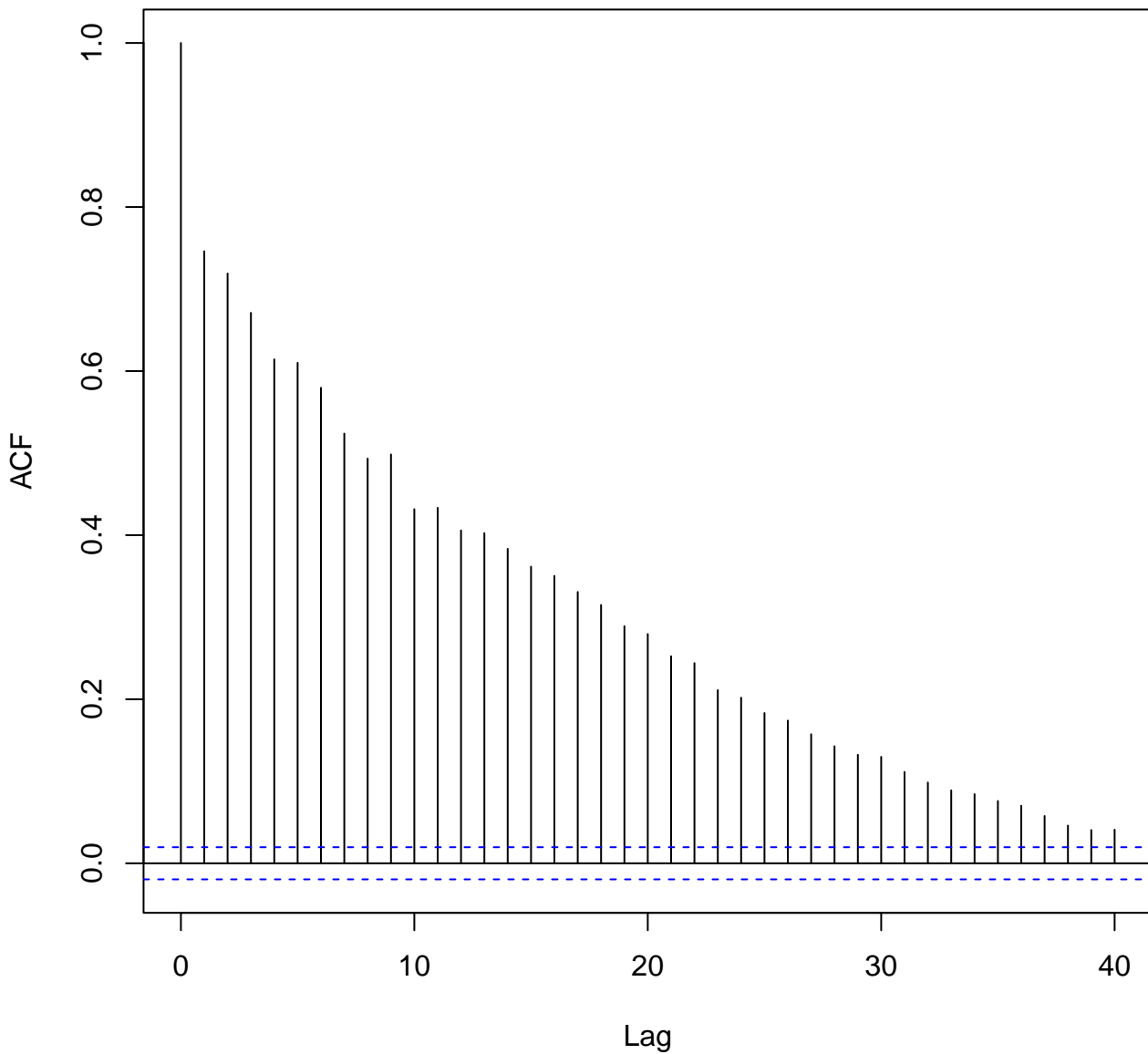
X_5 chain 1



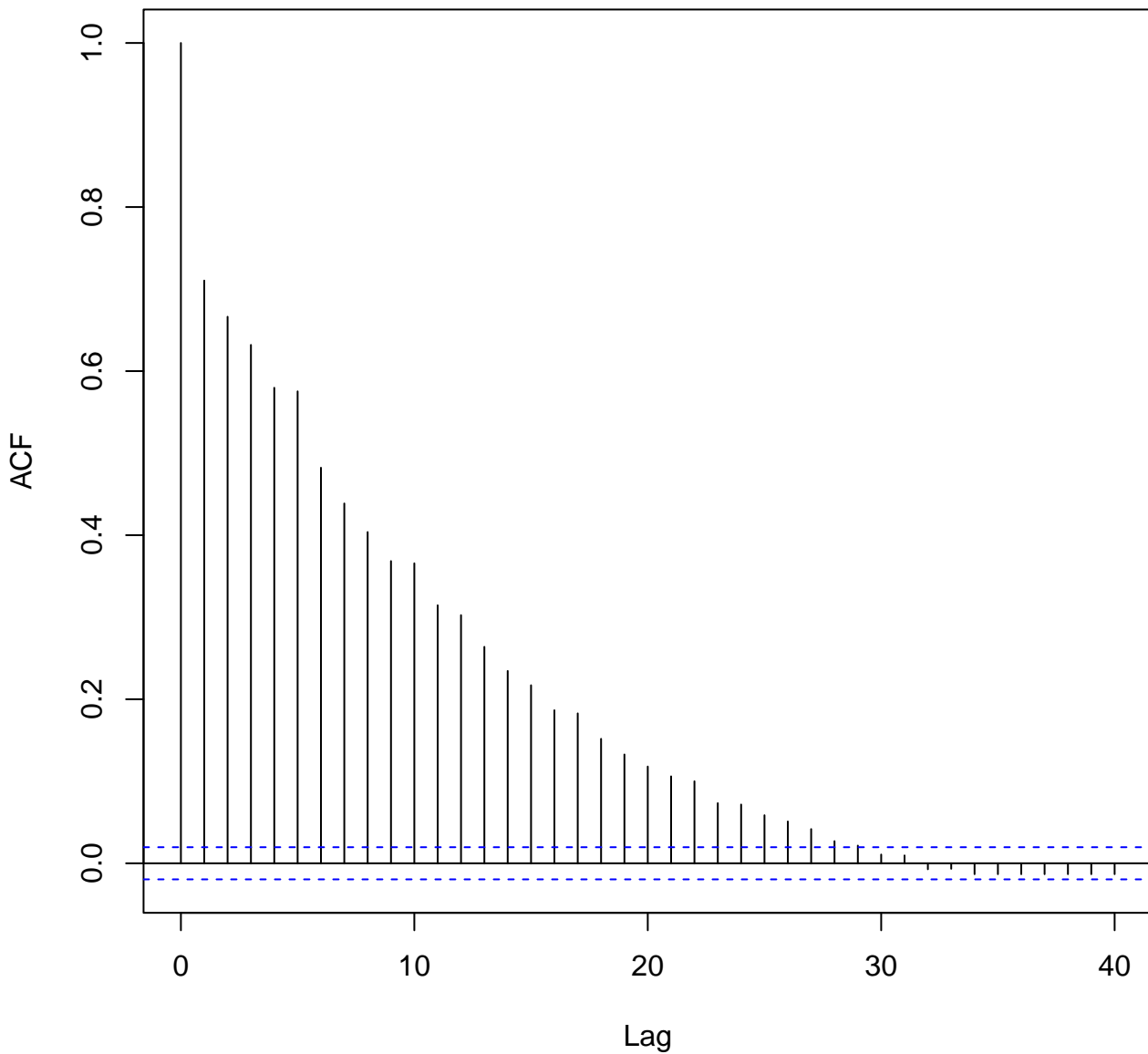
X_5 chain 2



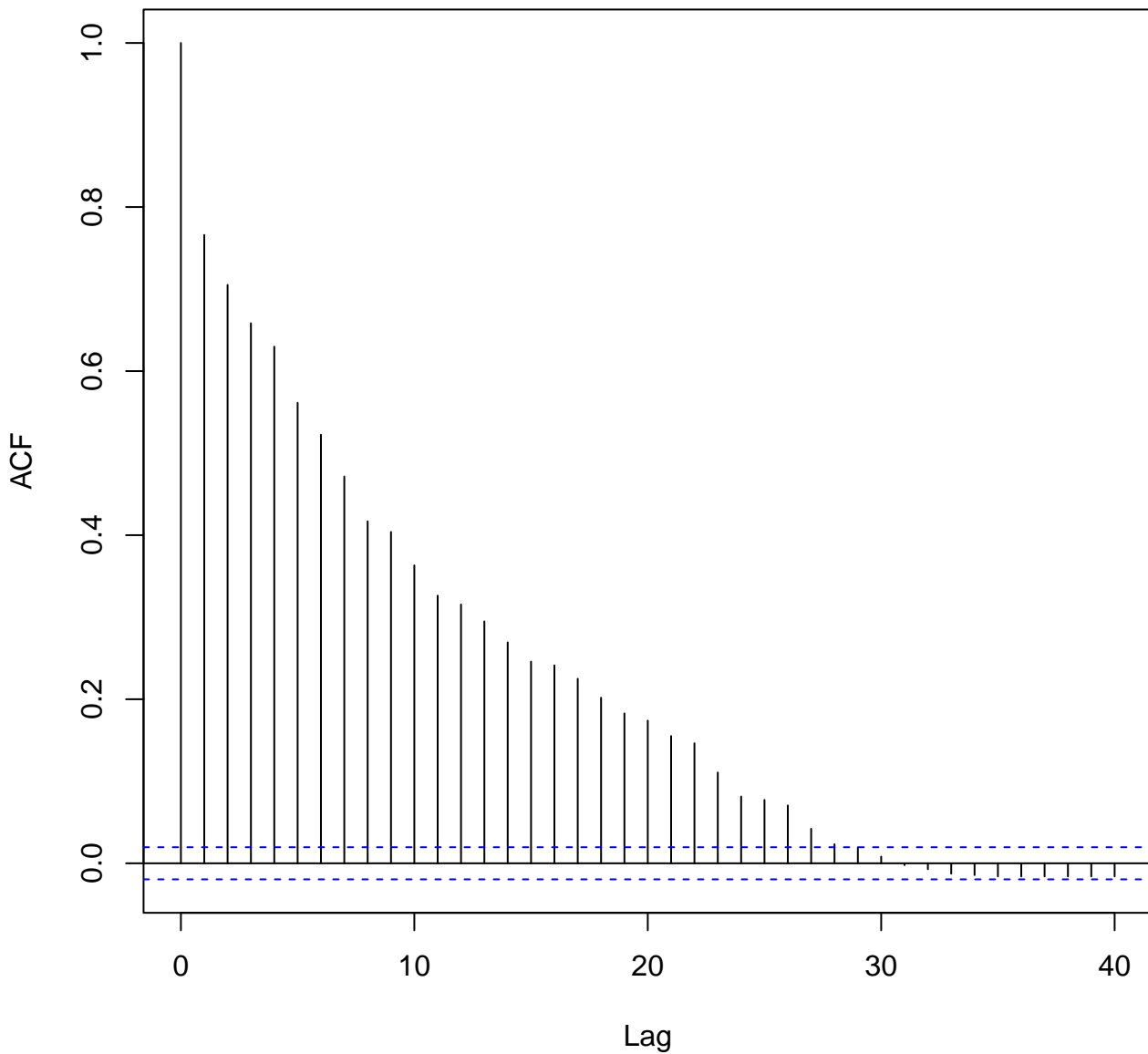
X_5 chain 3



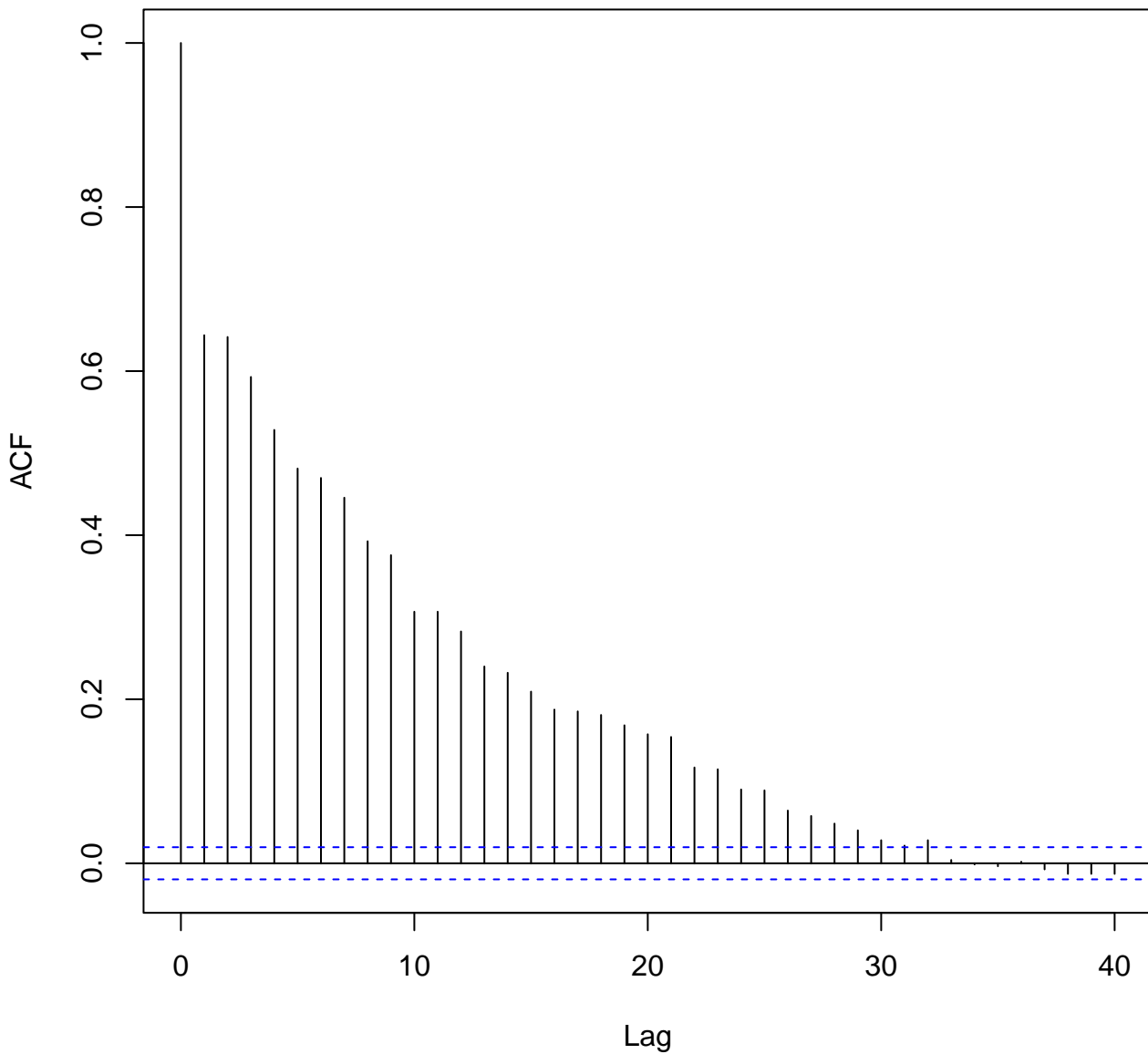
X_5 chain 4



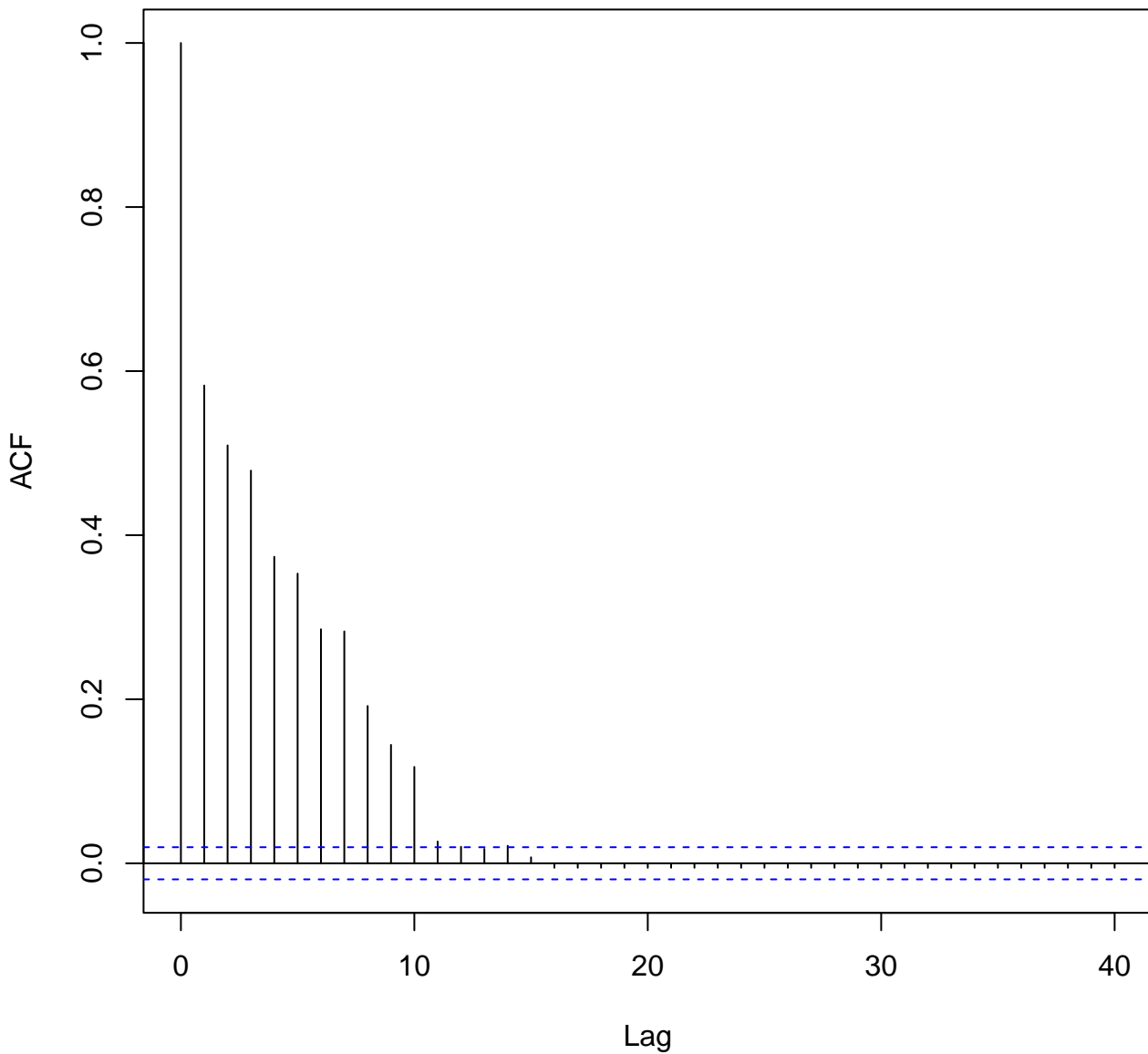
X_5 chain 5



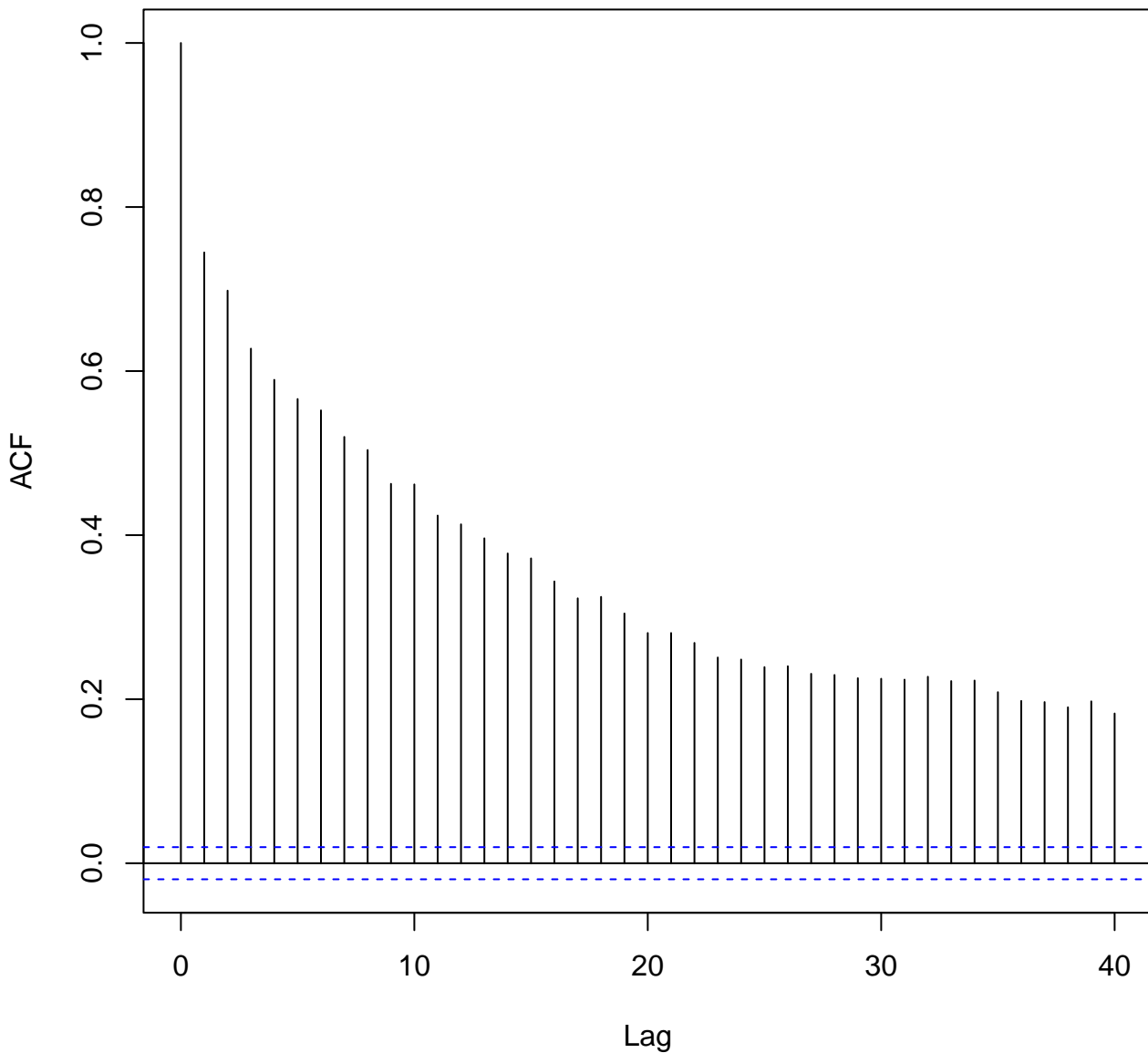
X_5 chain 6



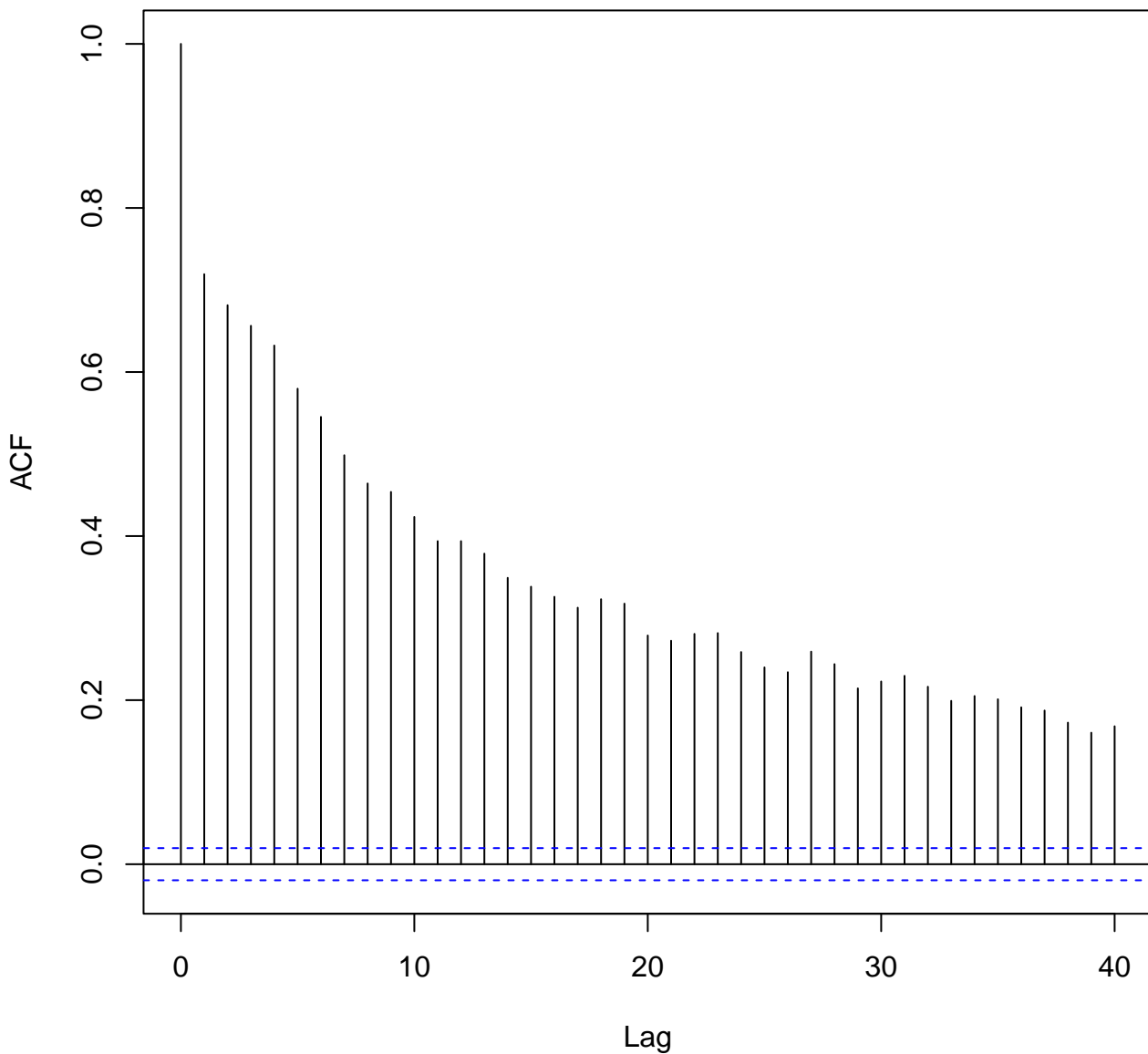
X_6 chain 1



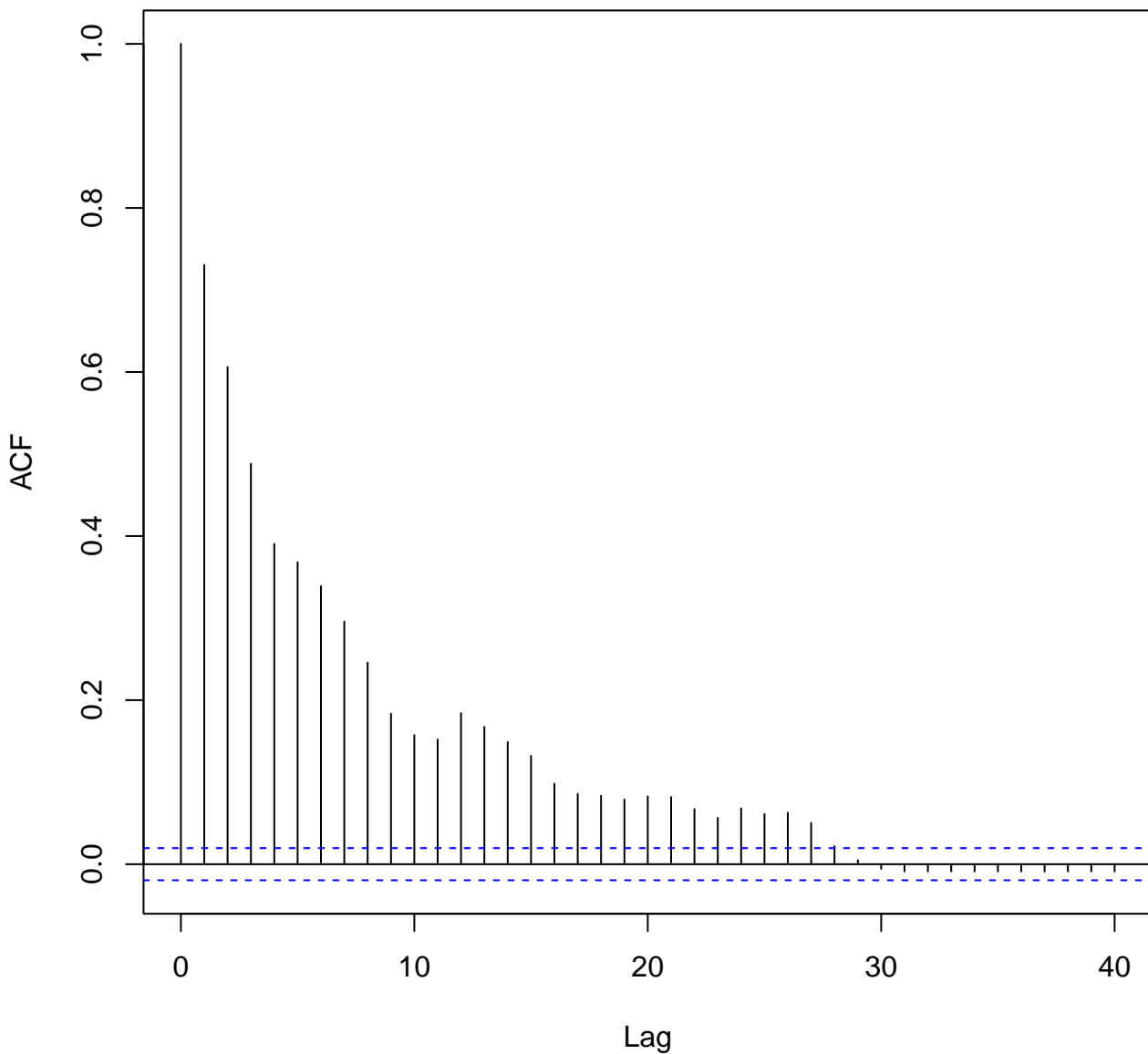
X_6 chain 2



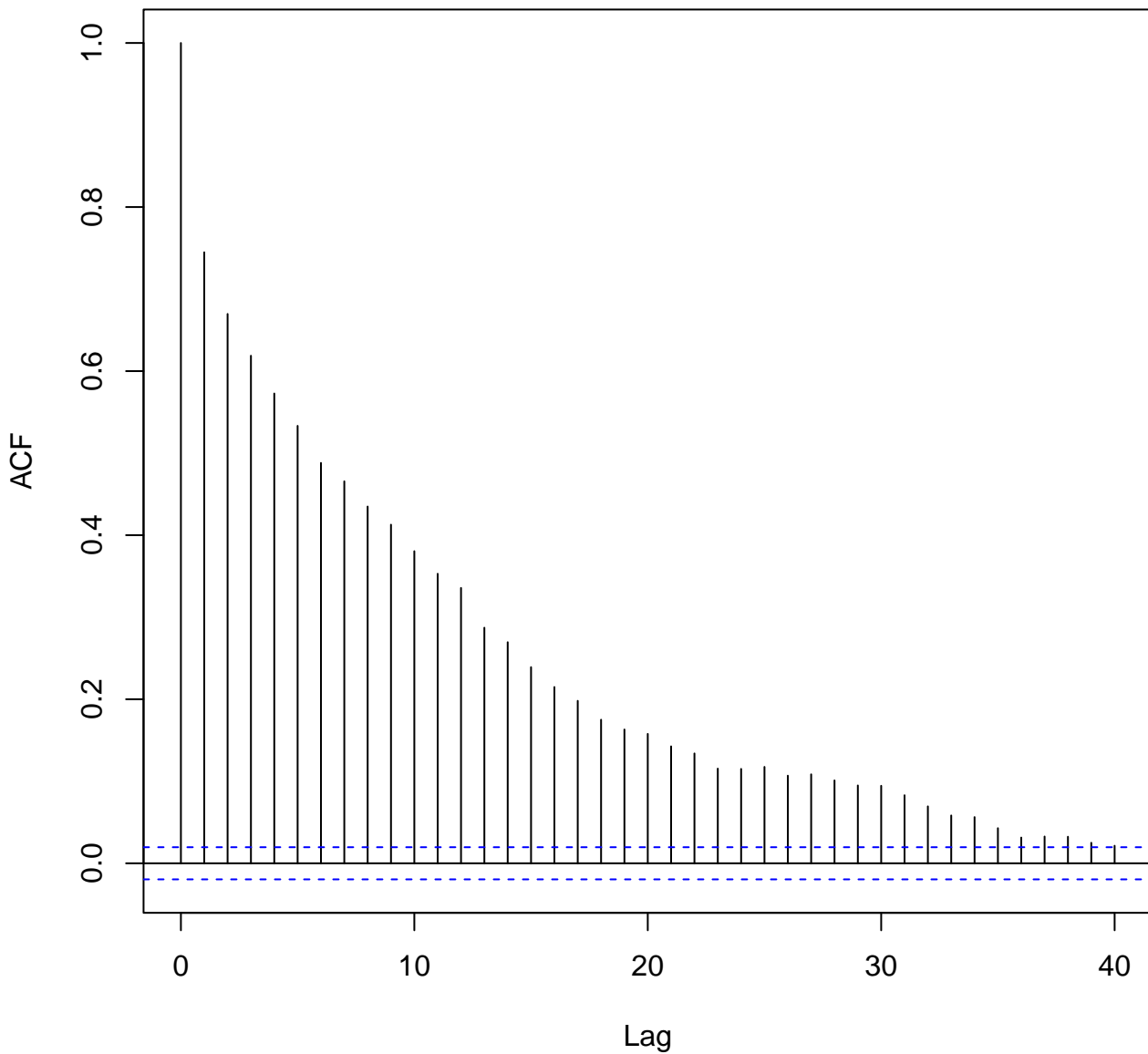
X_6 chain 3



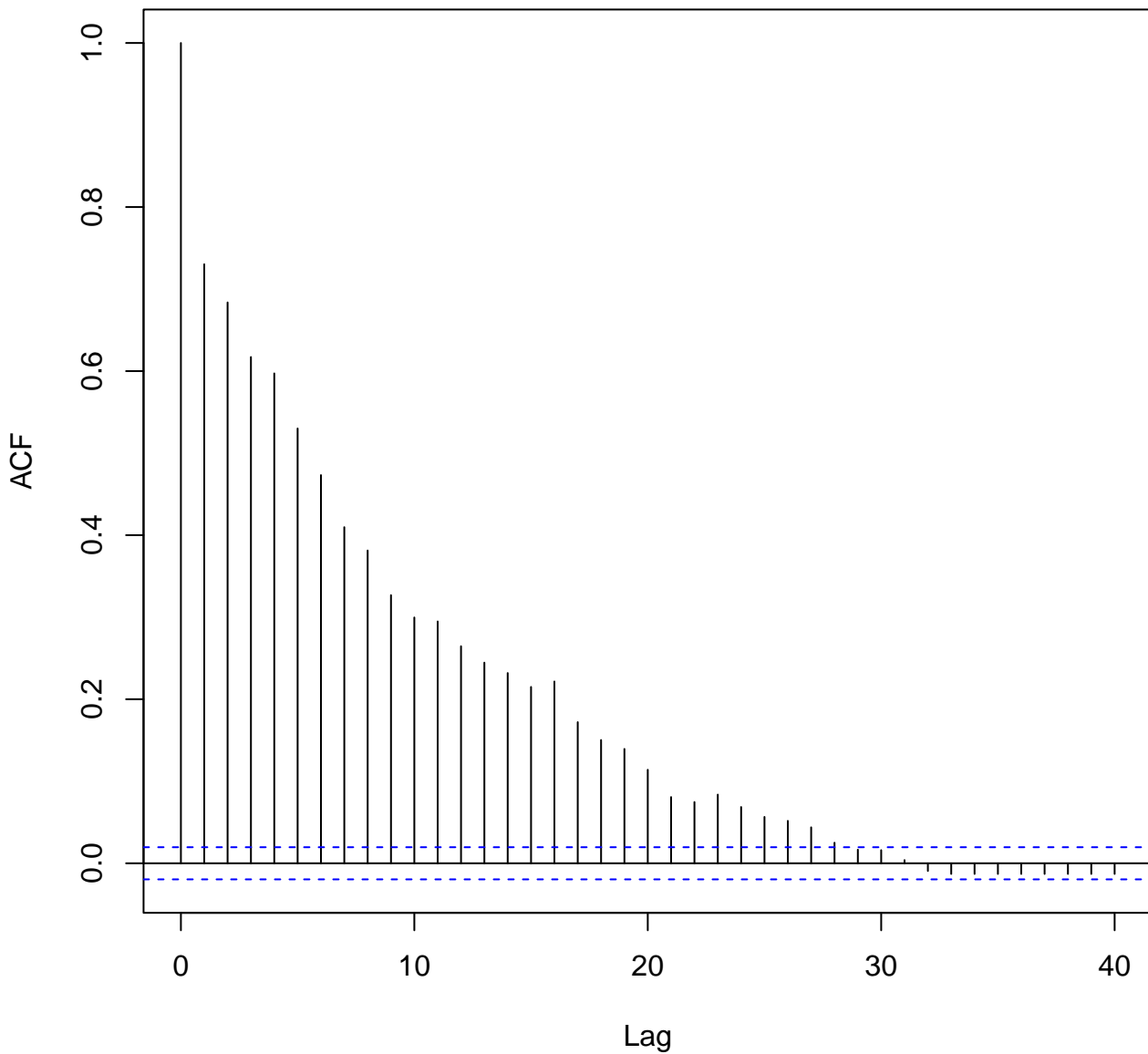
X_6 chain 4



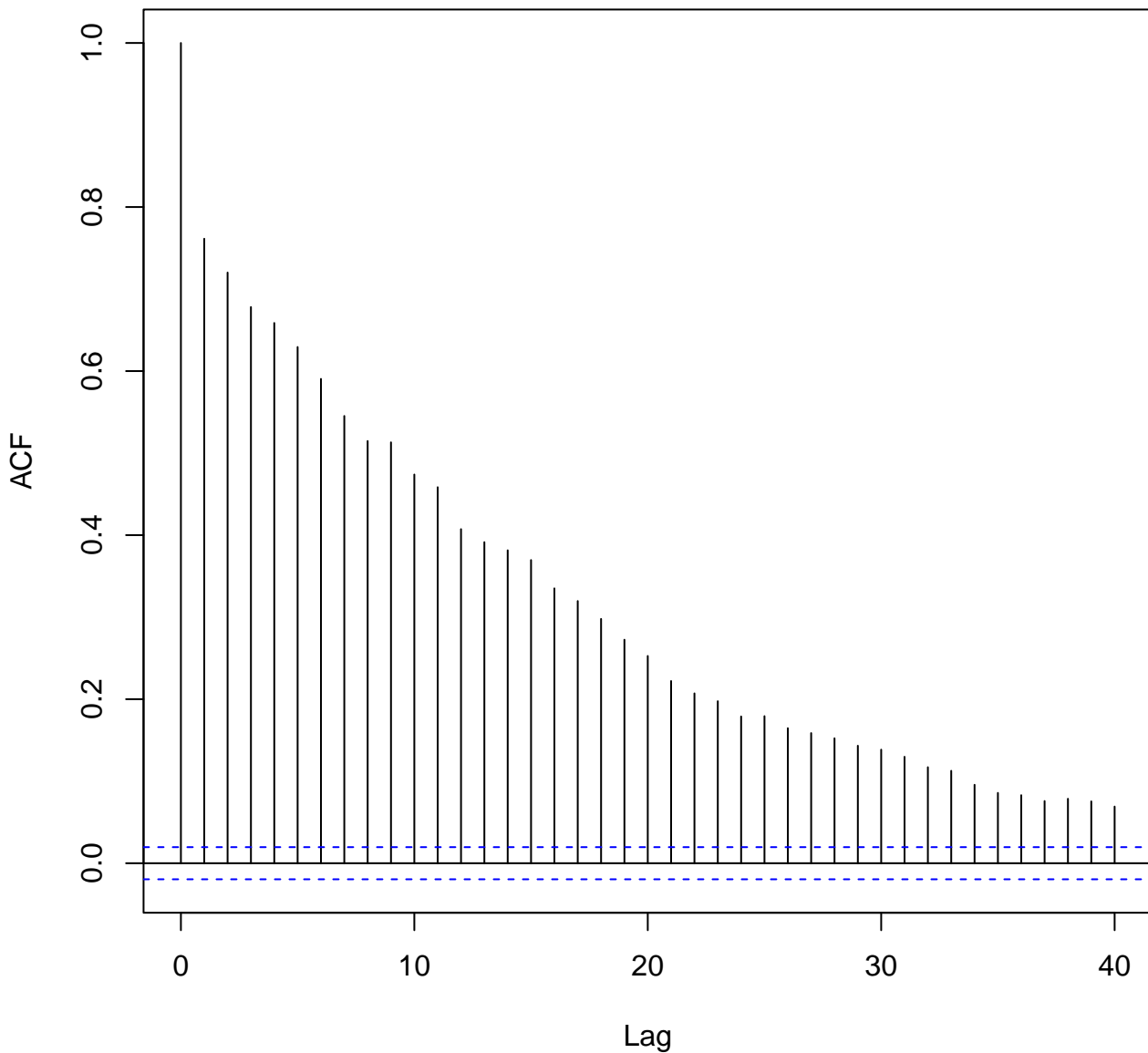
X_6 chain 5



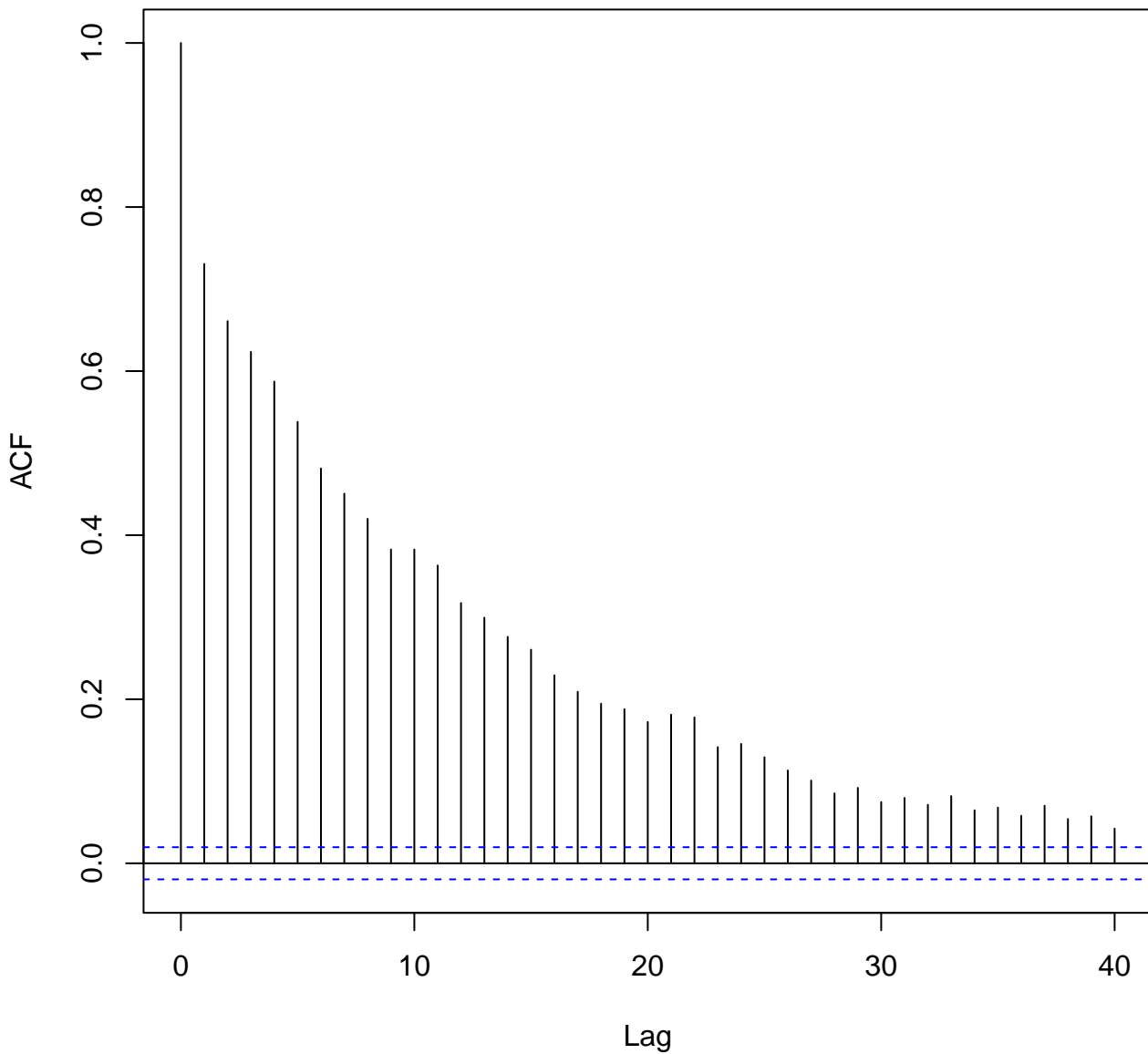
X_6 chain 6



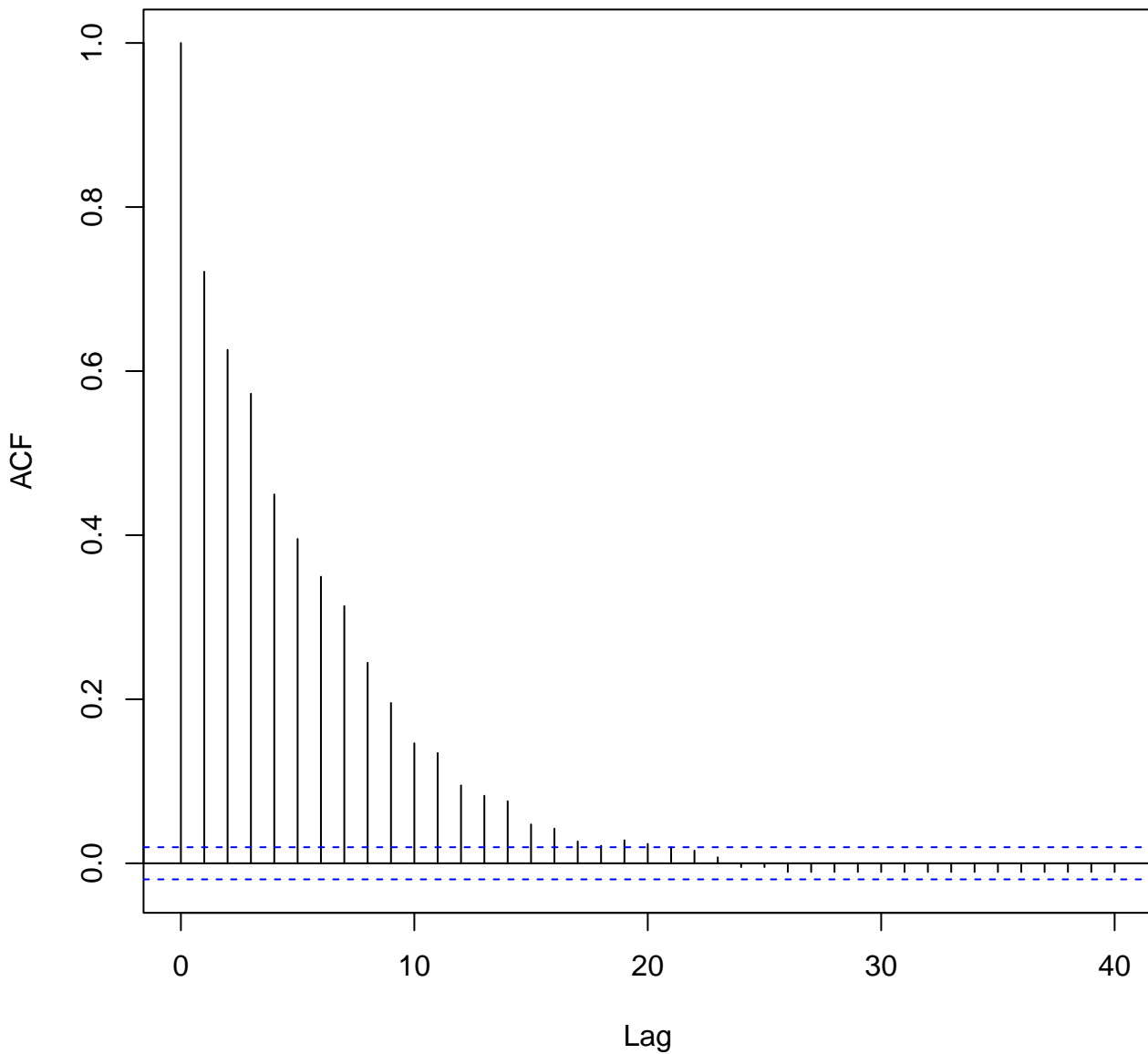
X_7 chain 1



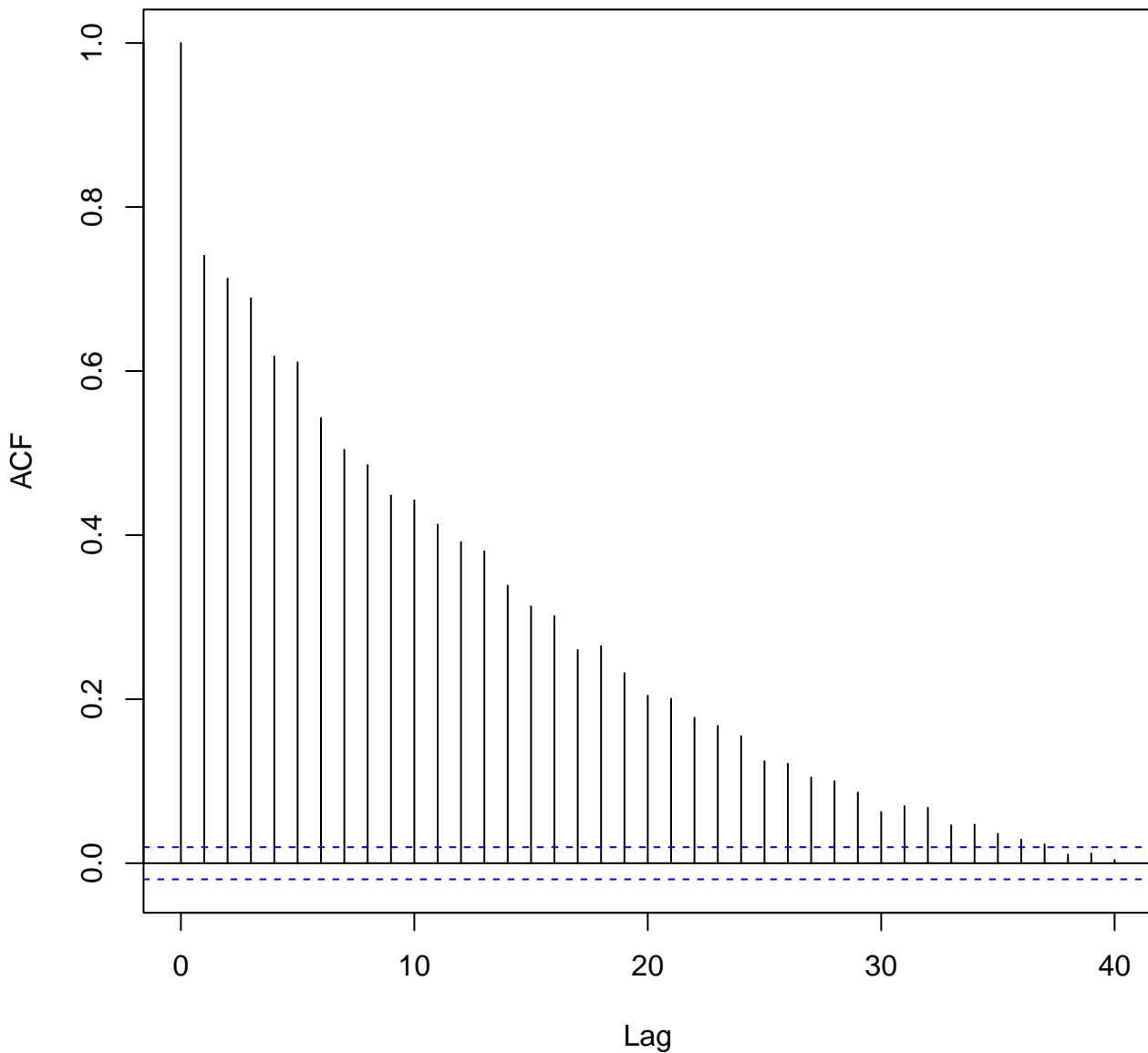
X_7 chain 2



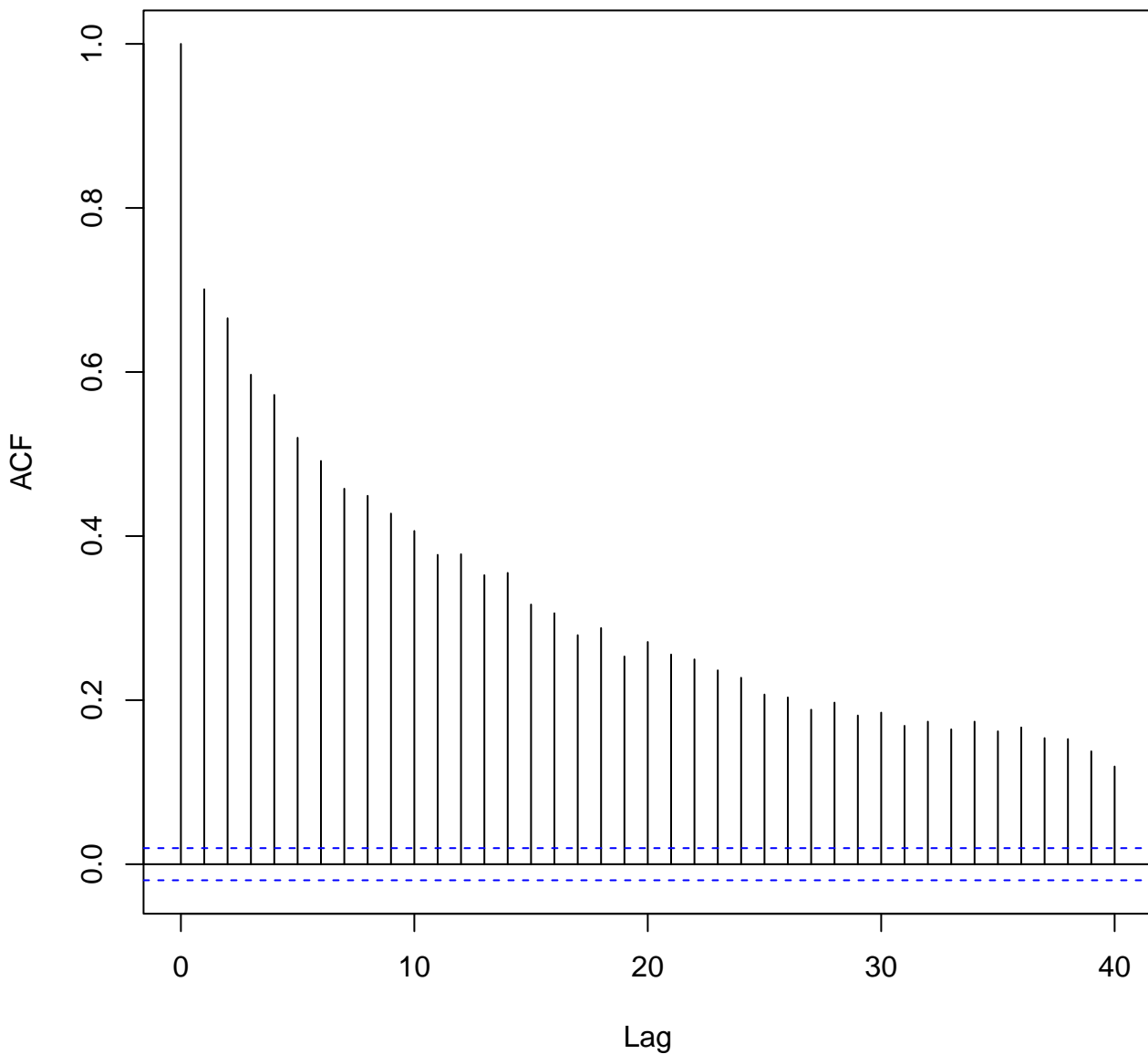
X_7 chain 3



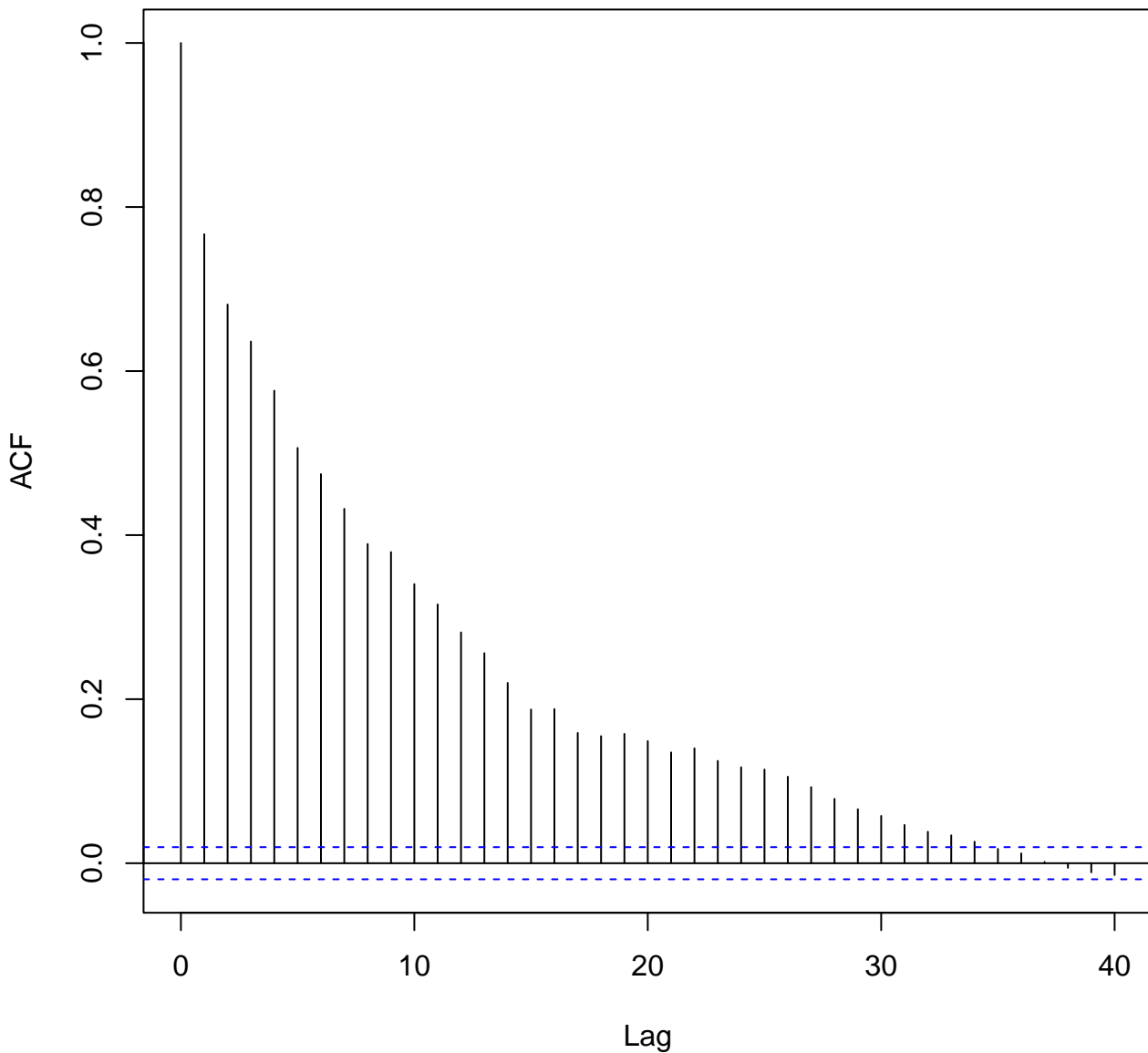
X_7 chain 4



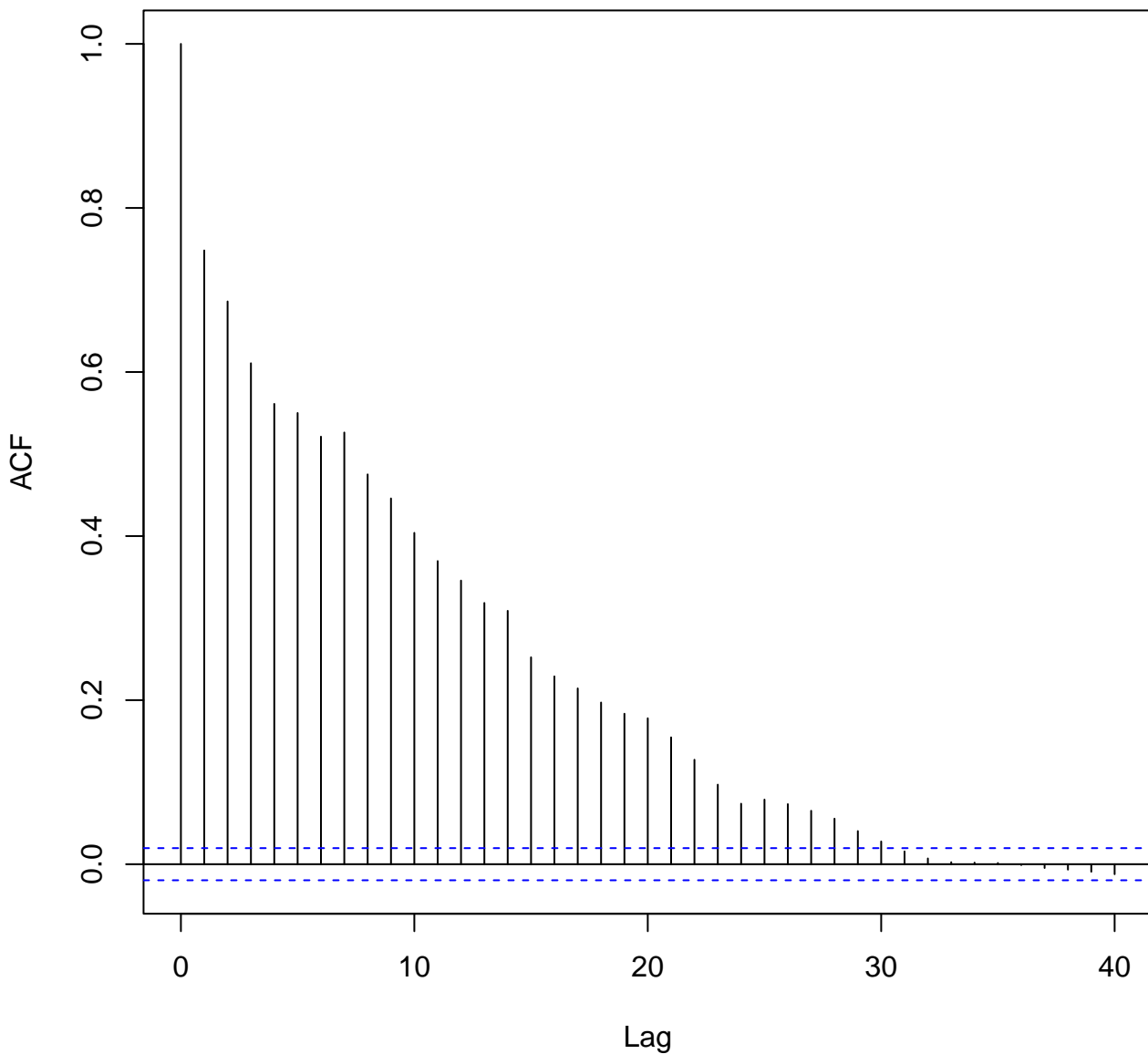
X_7 chain 5



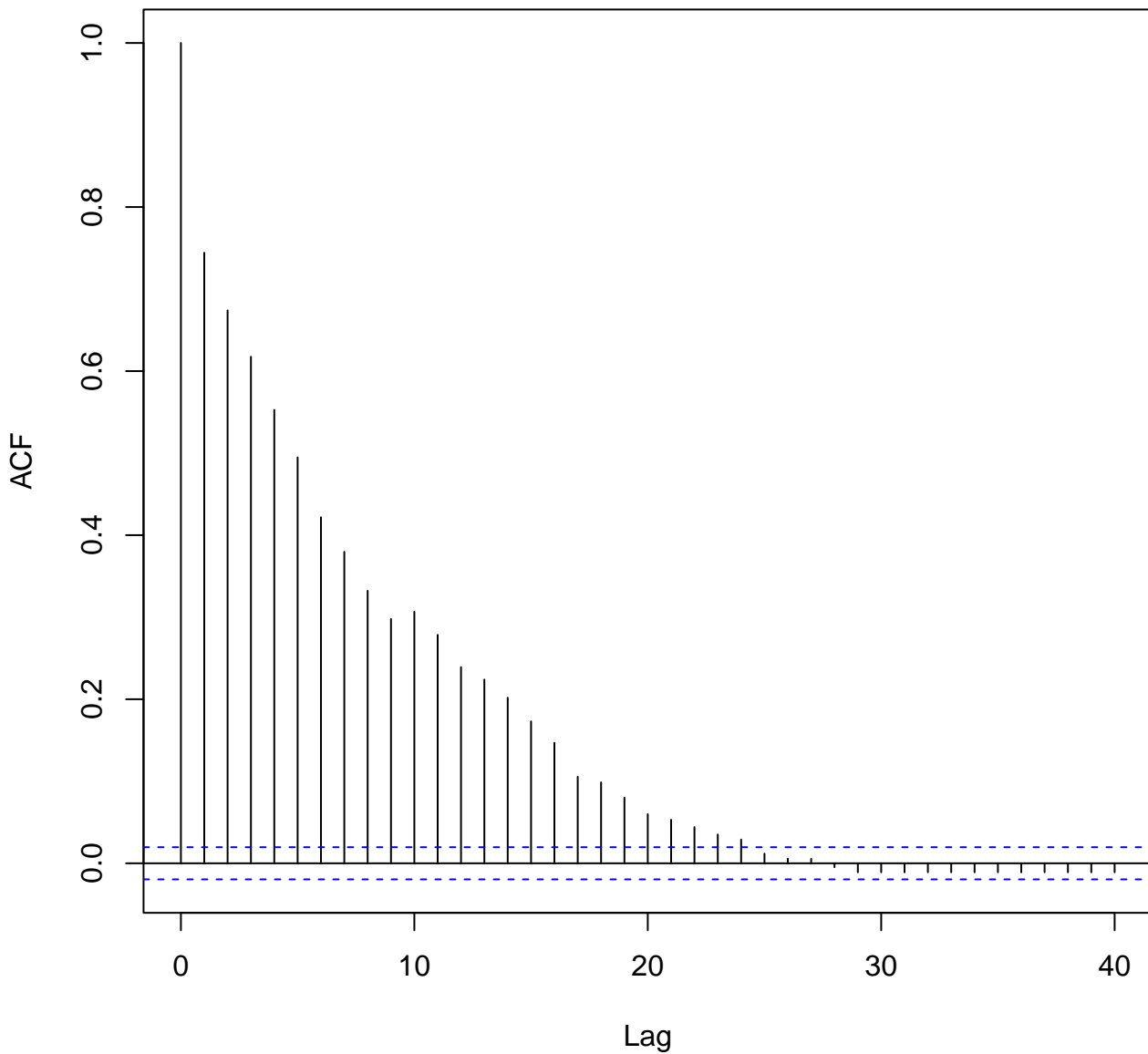
X_7 chain 6



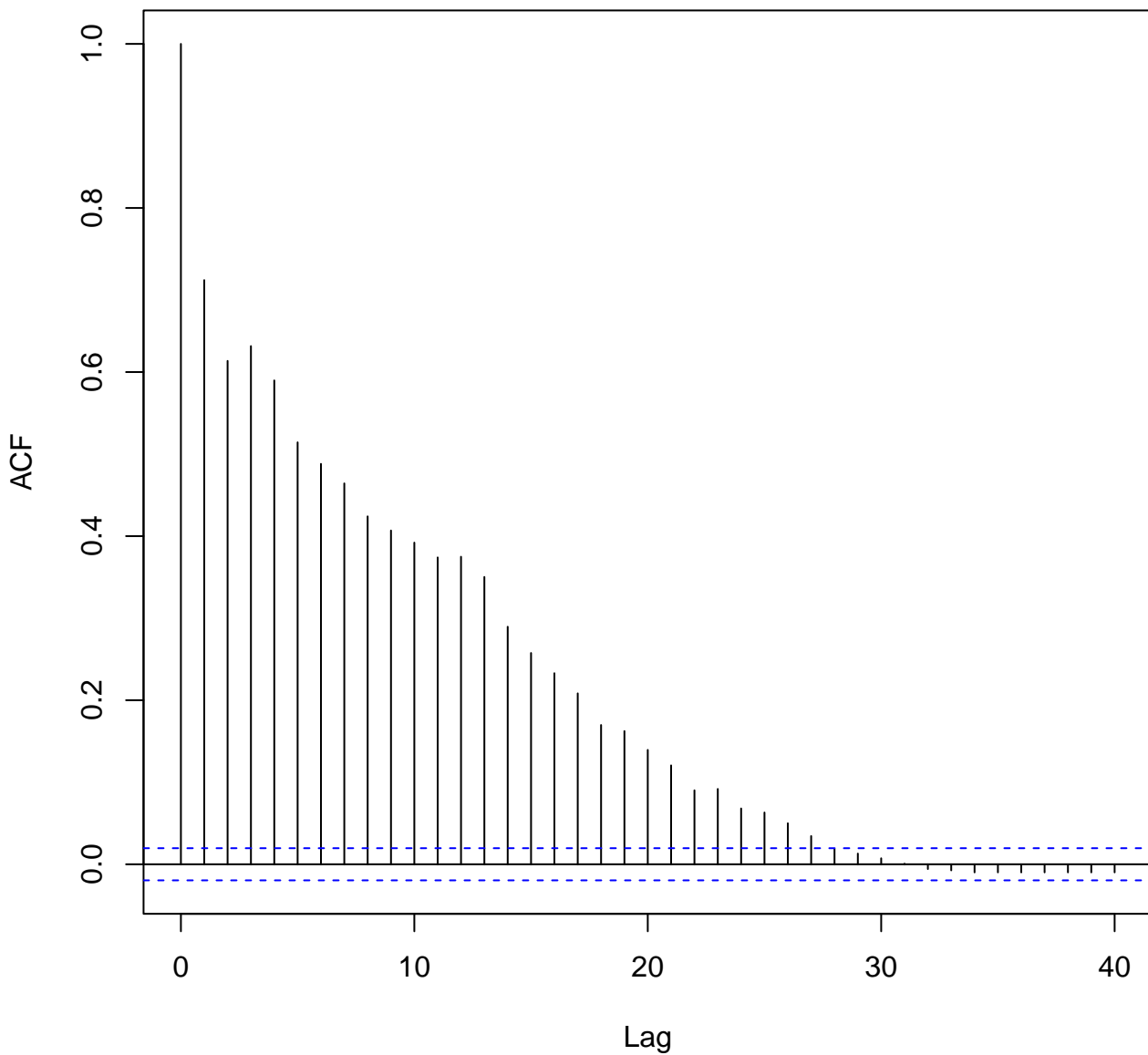
X_8 chain 1



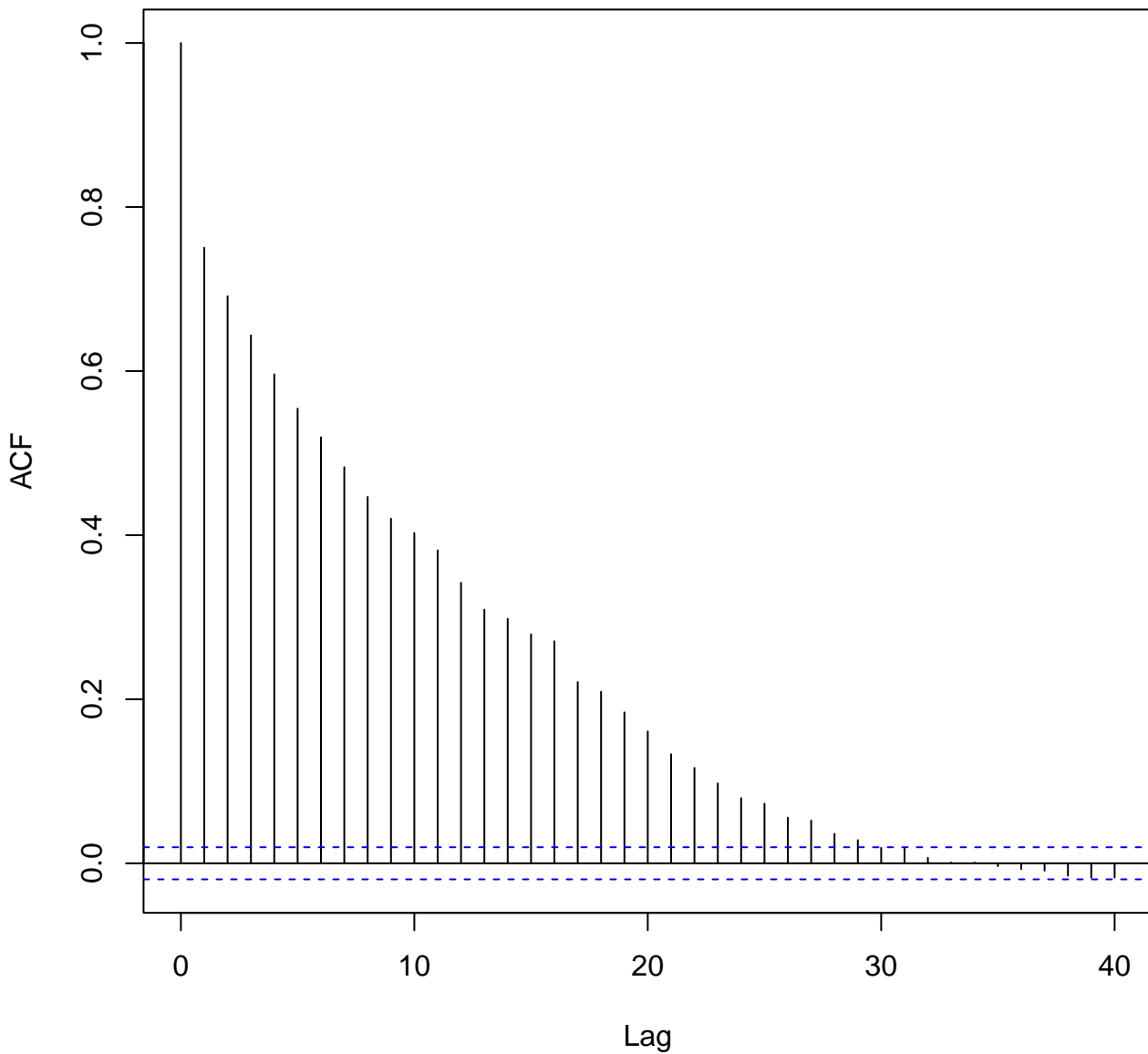
X_8 chain 2



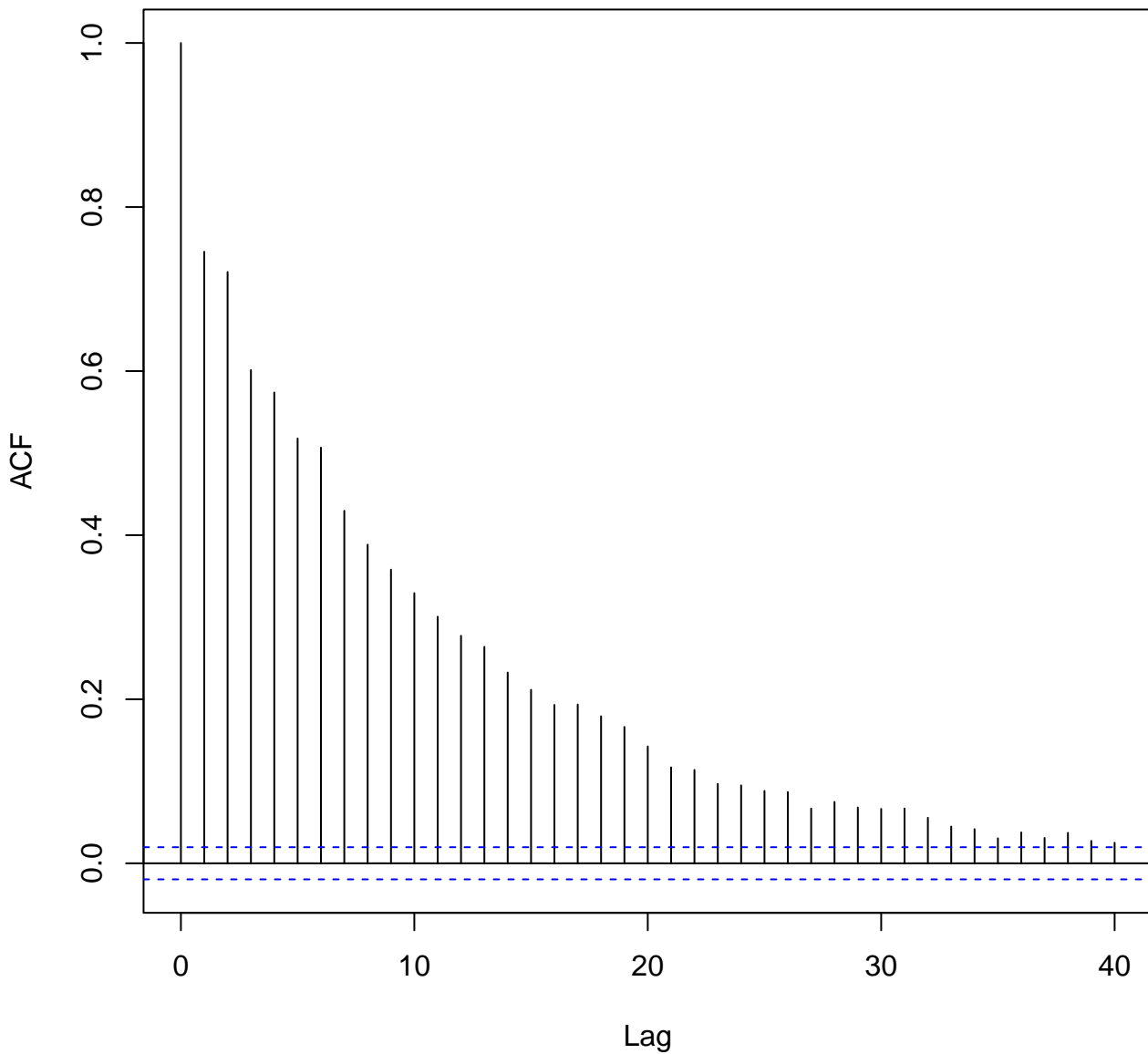
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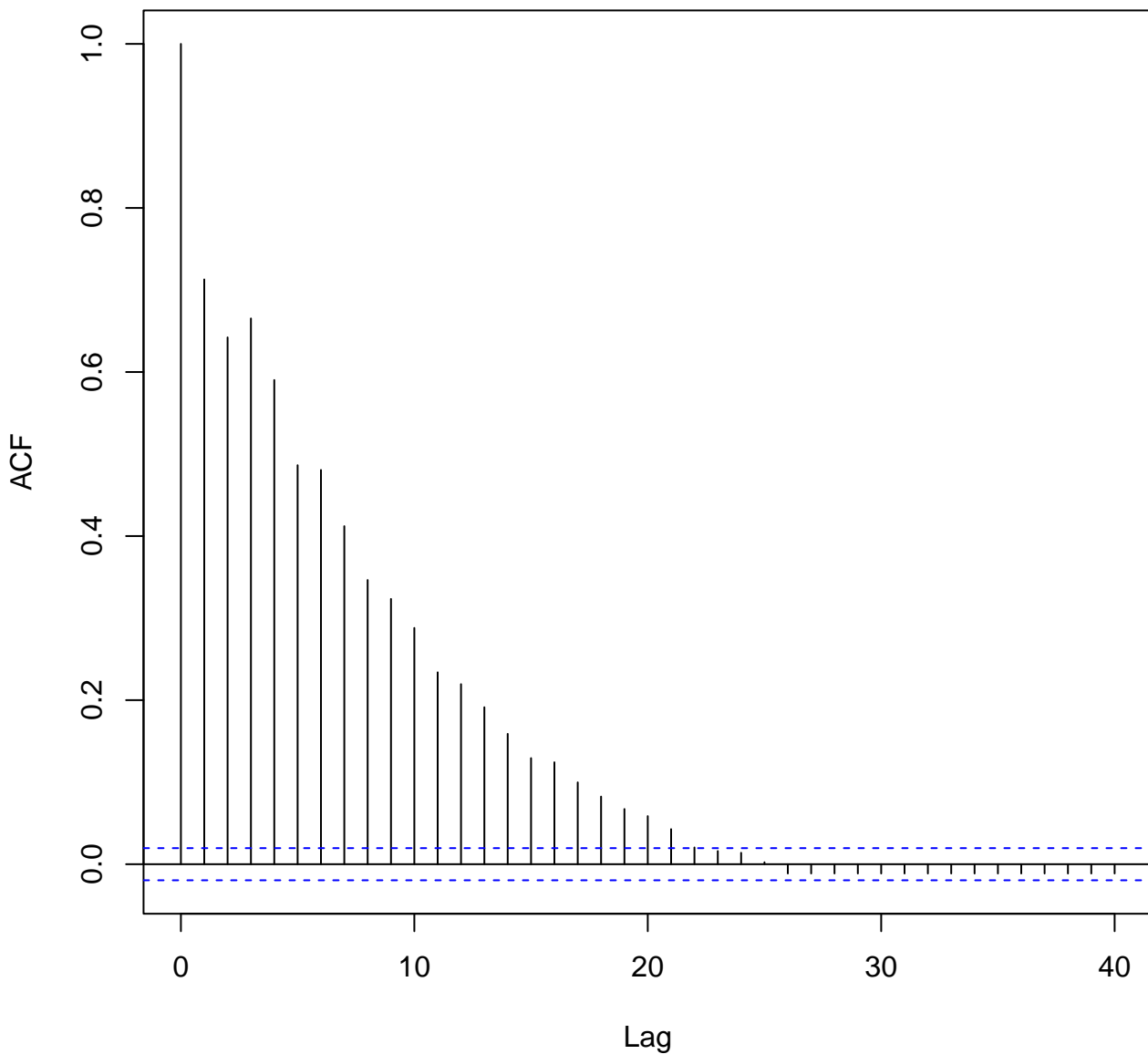
X_8 chain 4



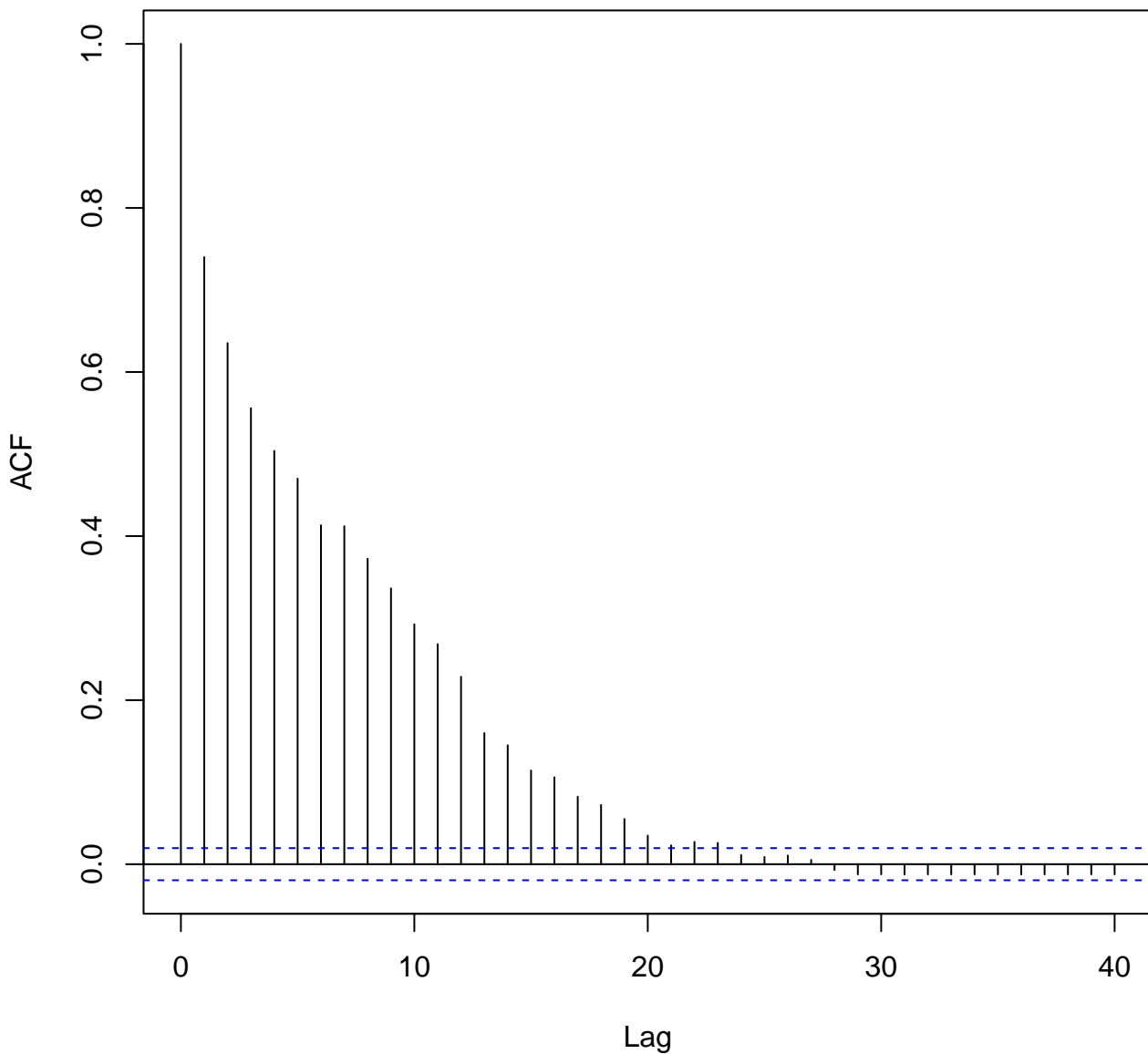
X_8 chain 5



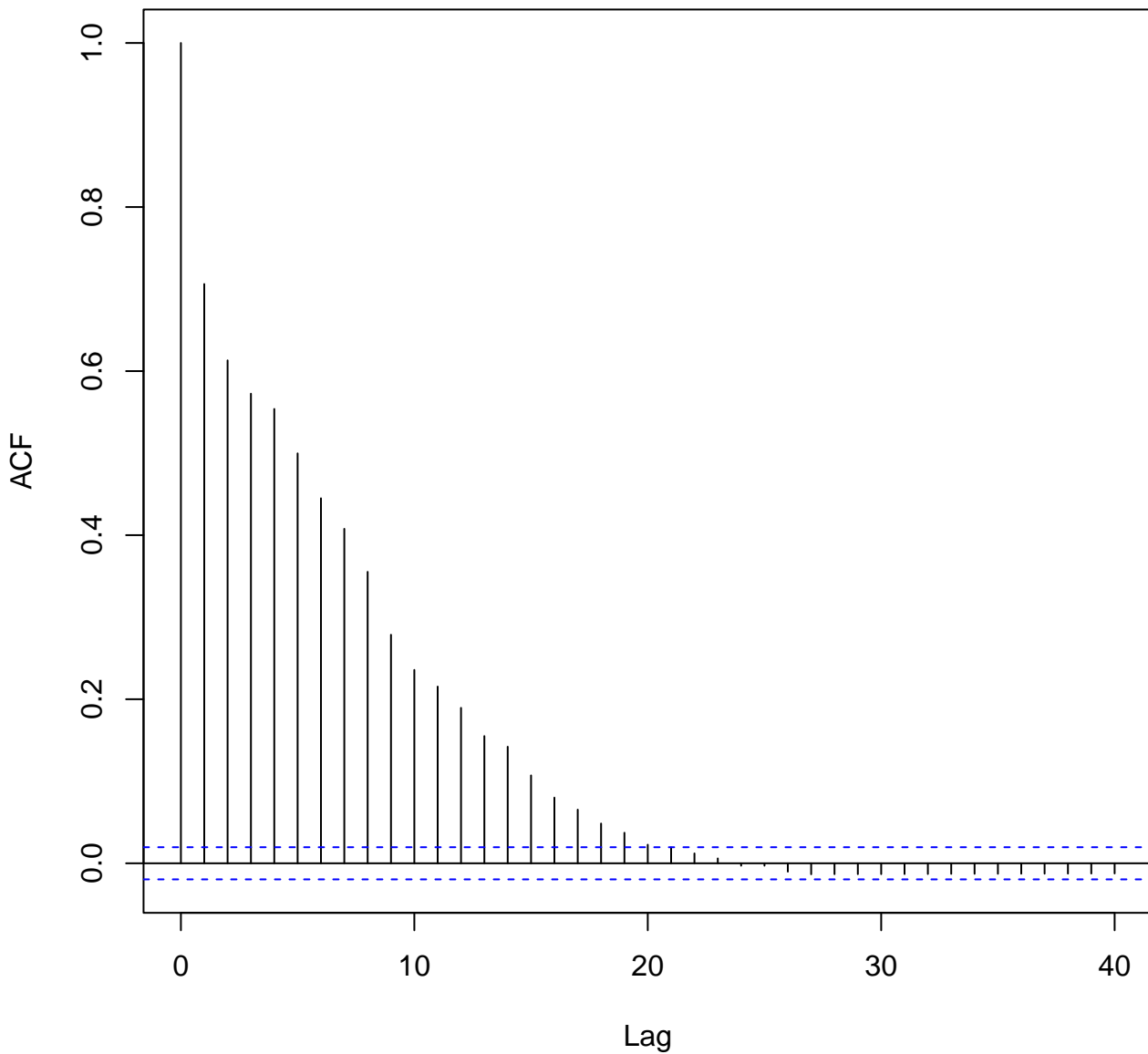
X_8 chain 6



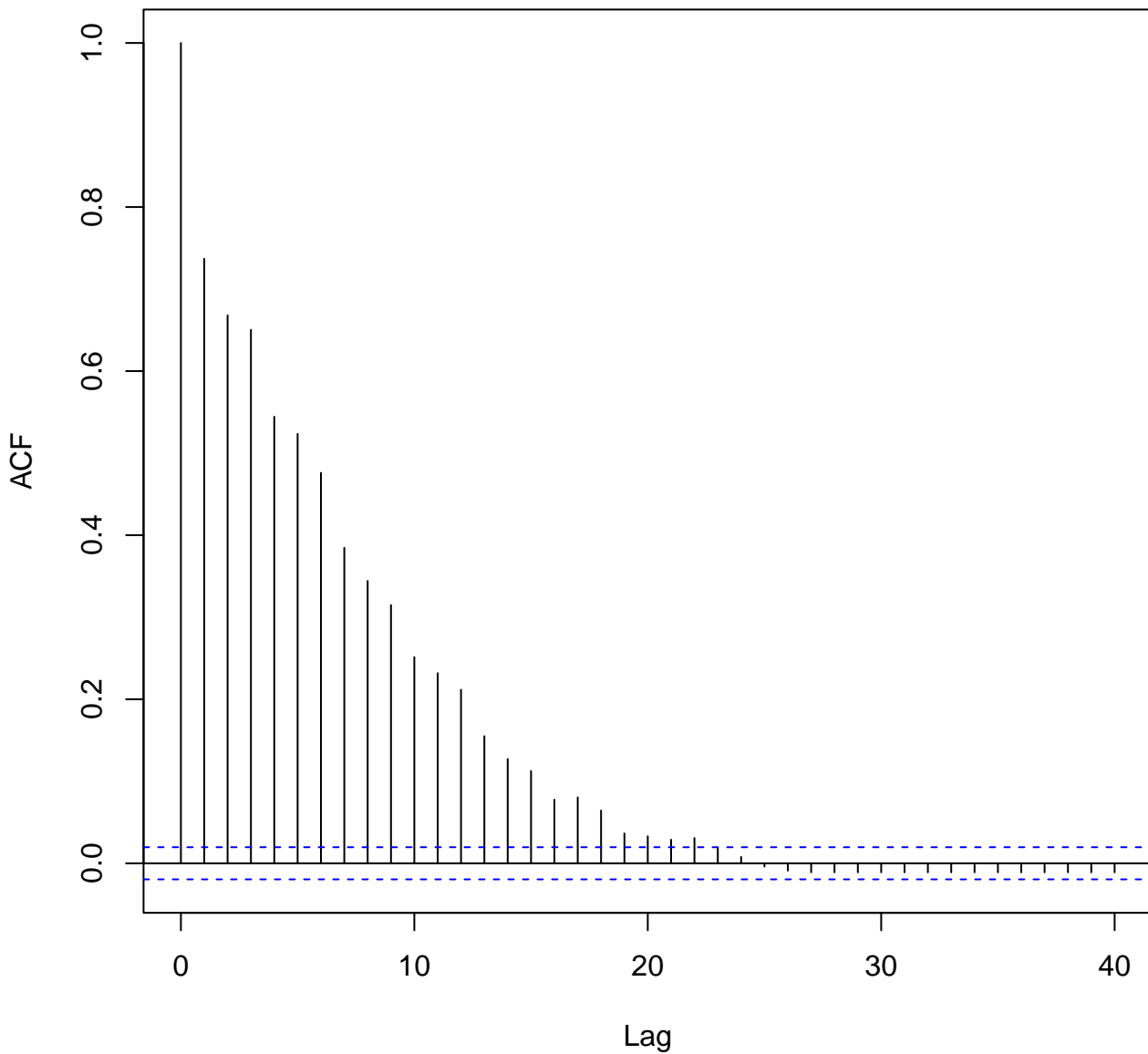
X_9 chain 1



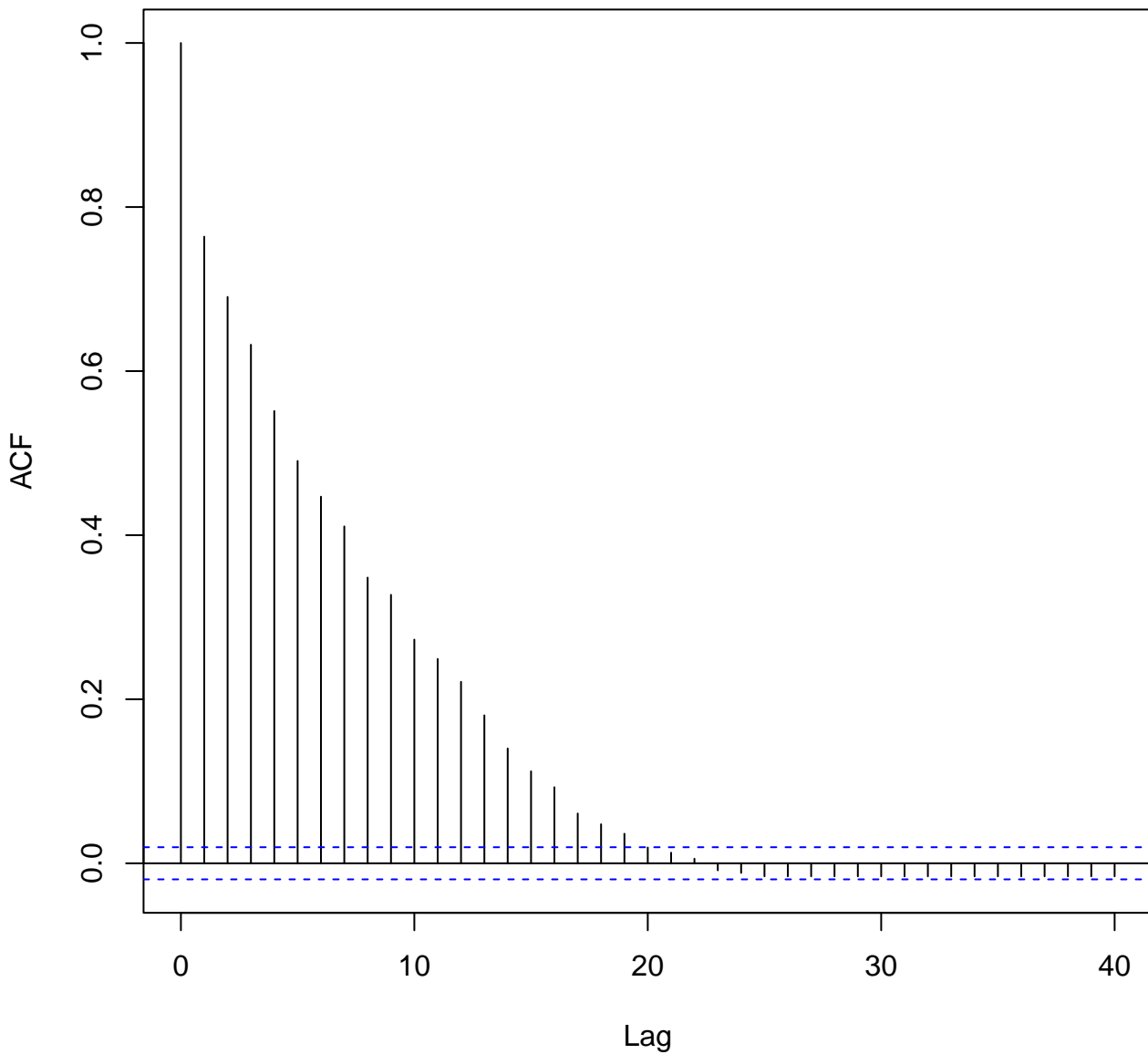
X_9 chain 2



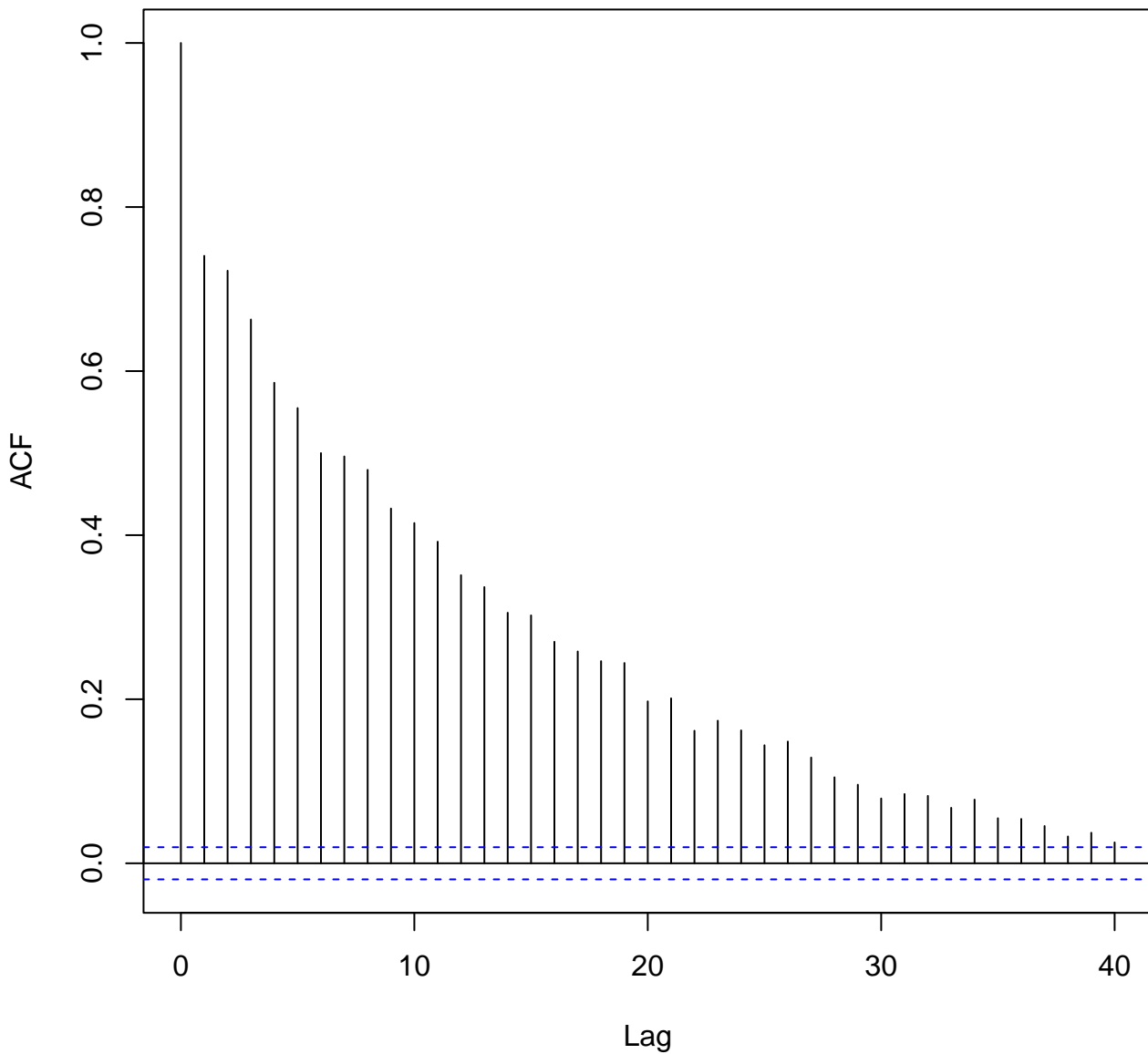
X_9 chain 3



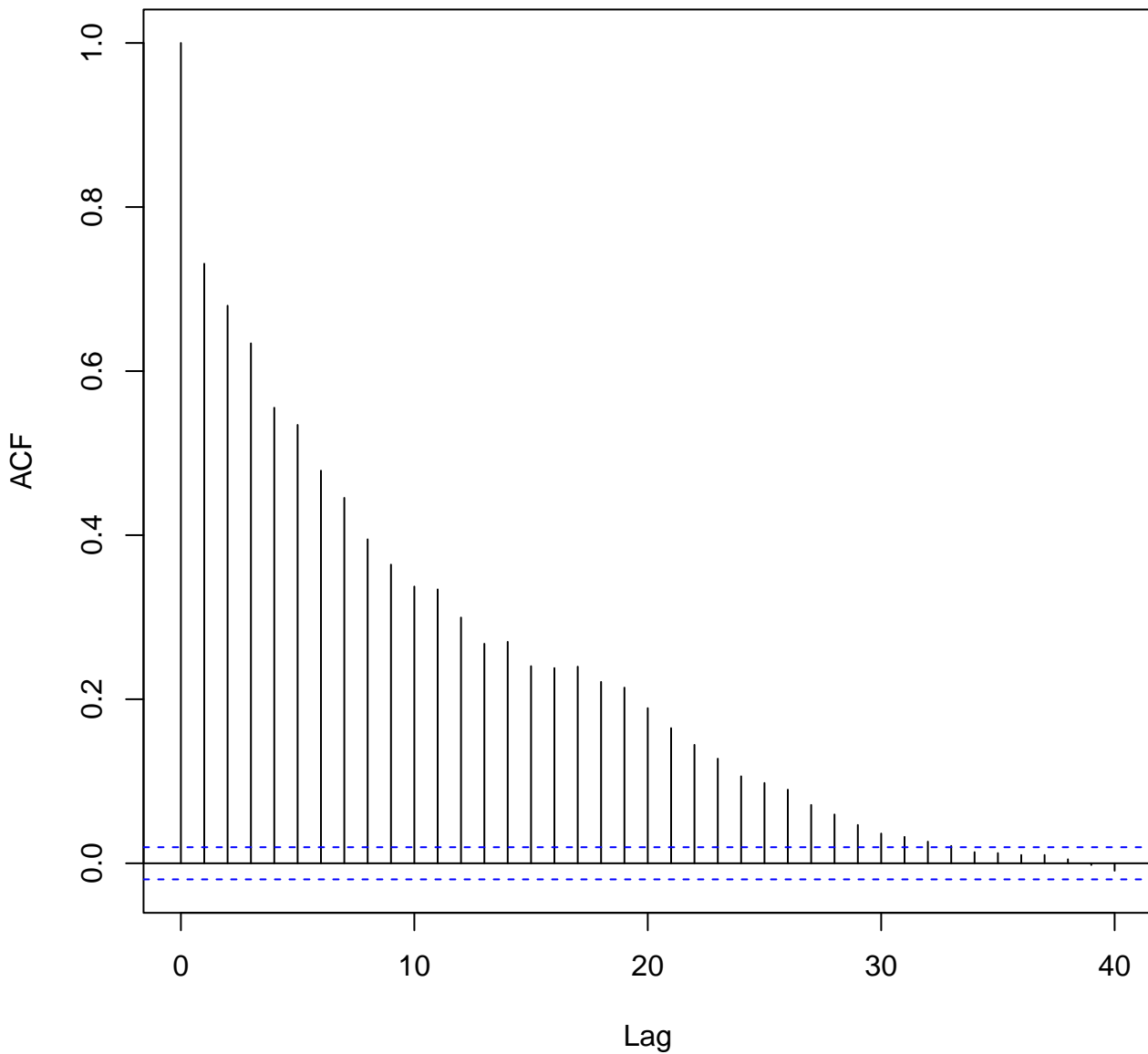
X_9 chain 4



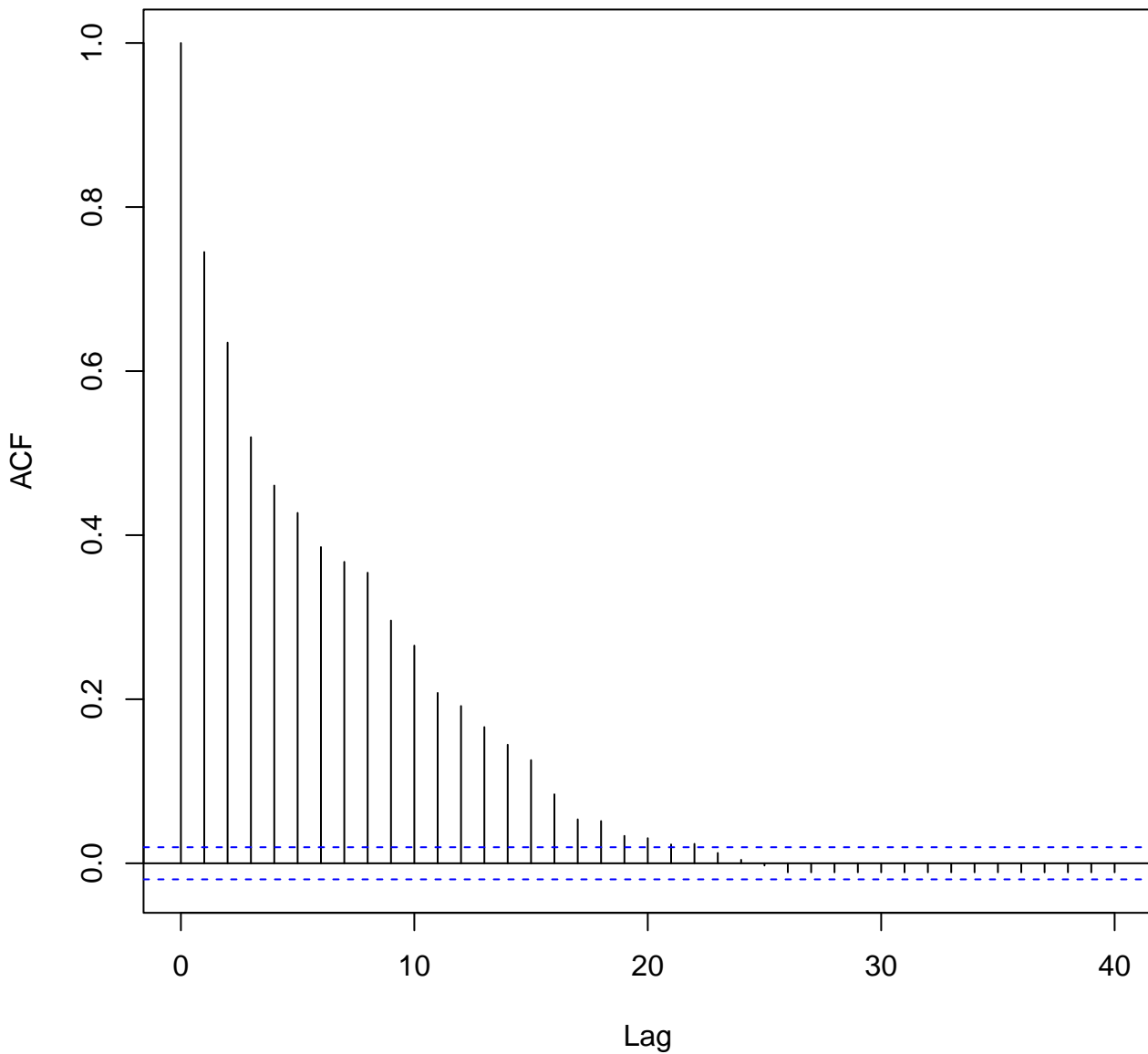
X_9 chain 5



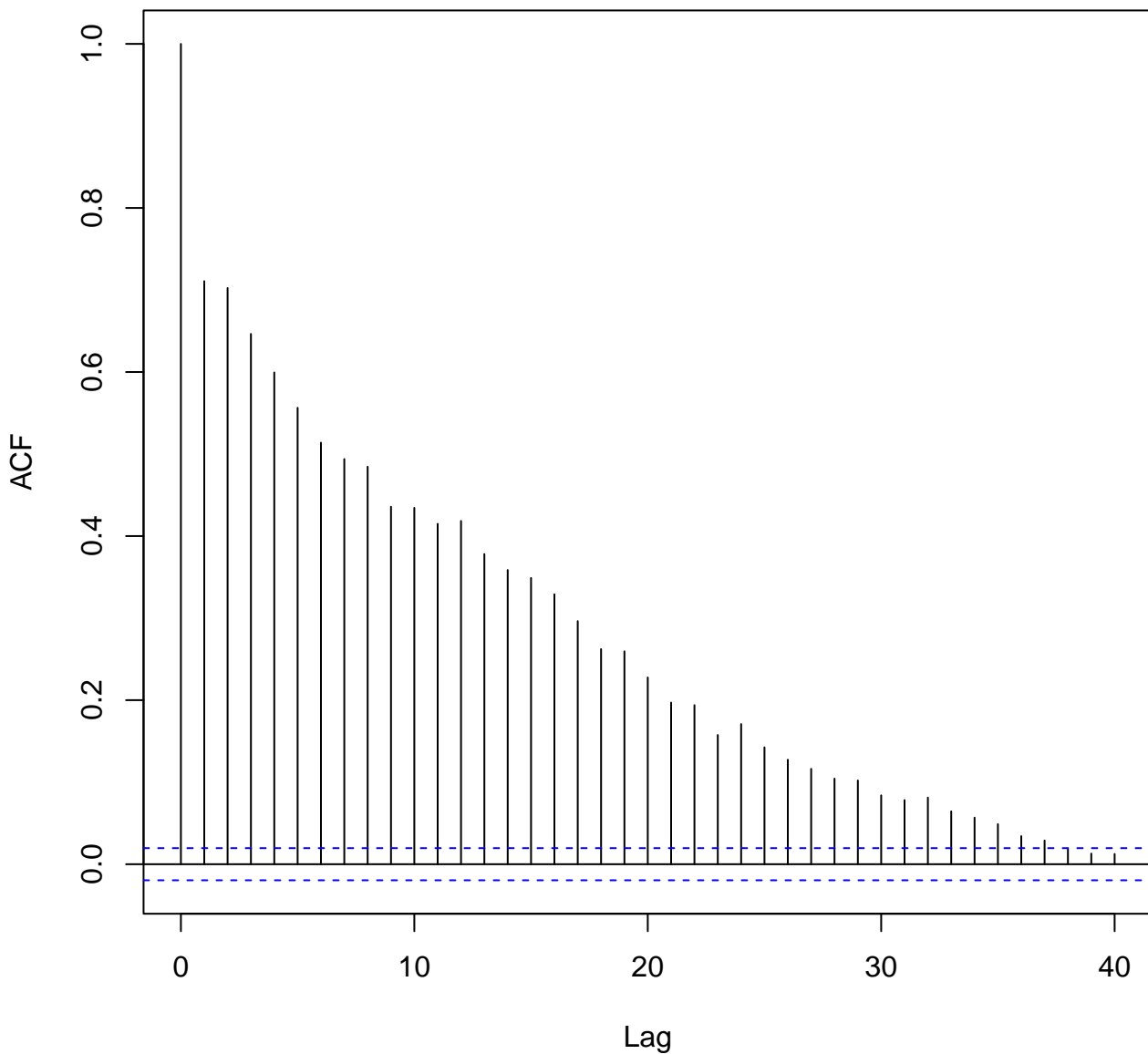
X_9 chain 6



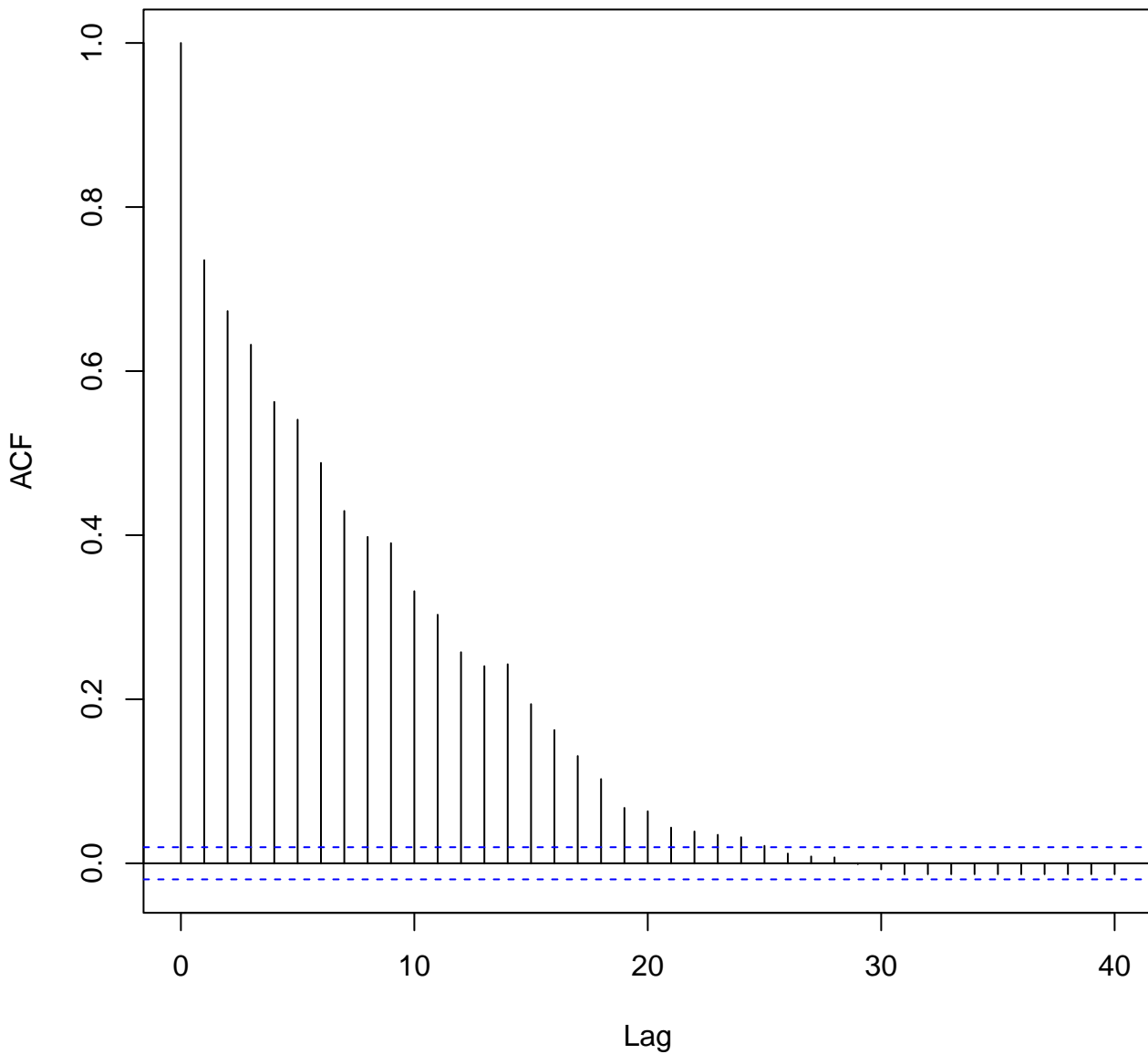
X_10 chain 1



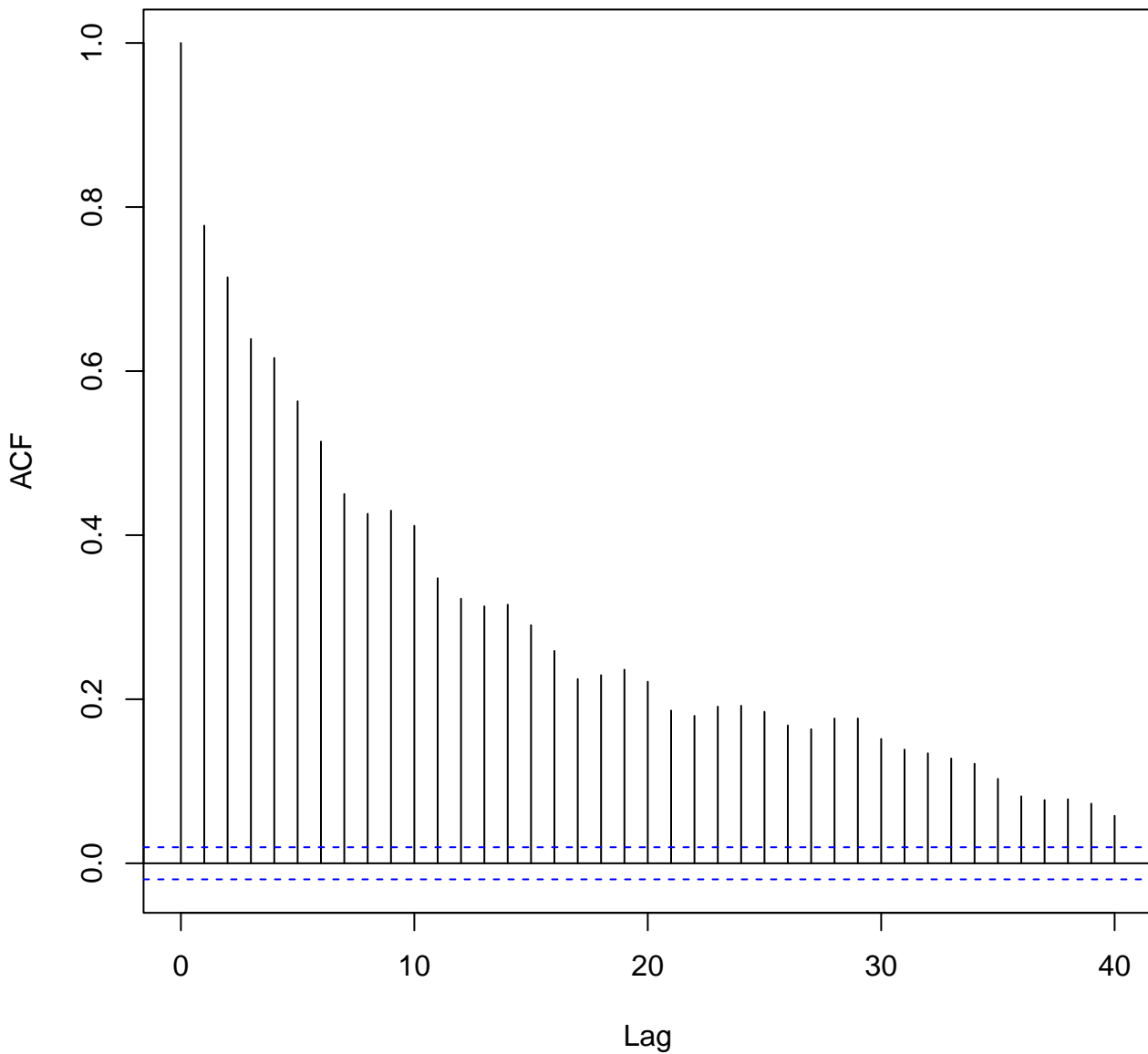
X_10 chain 2



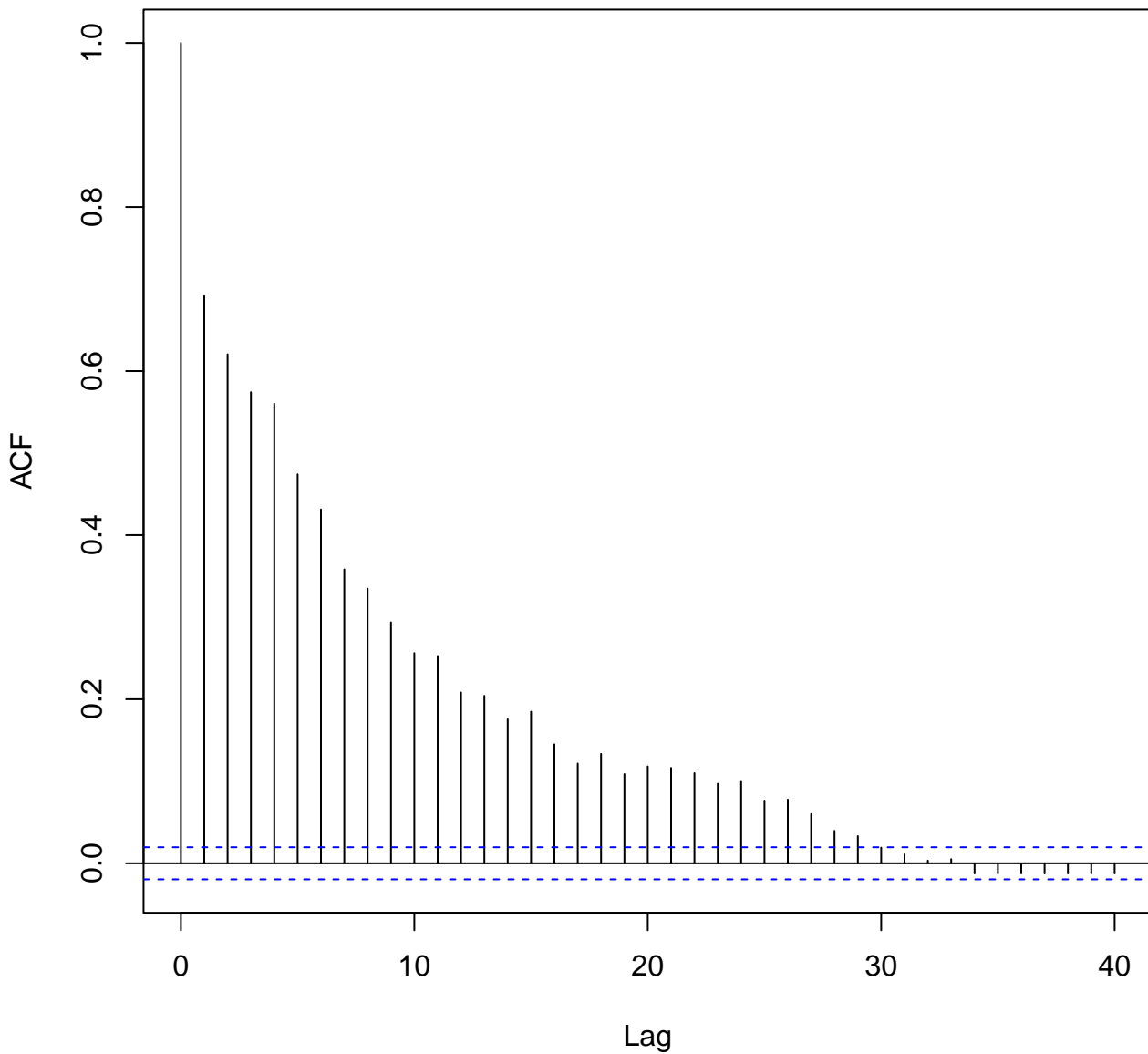
X_10 chain 3



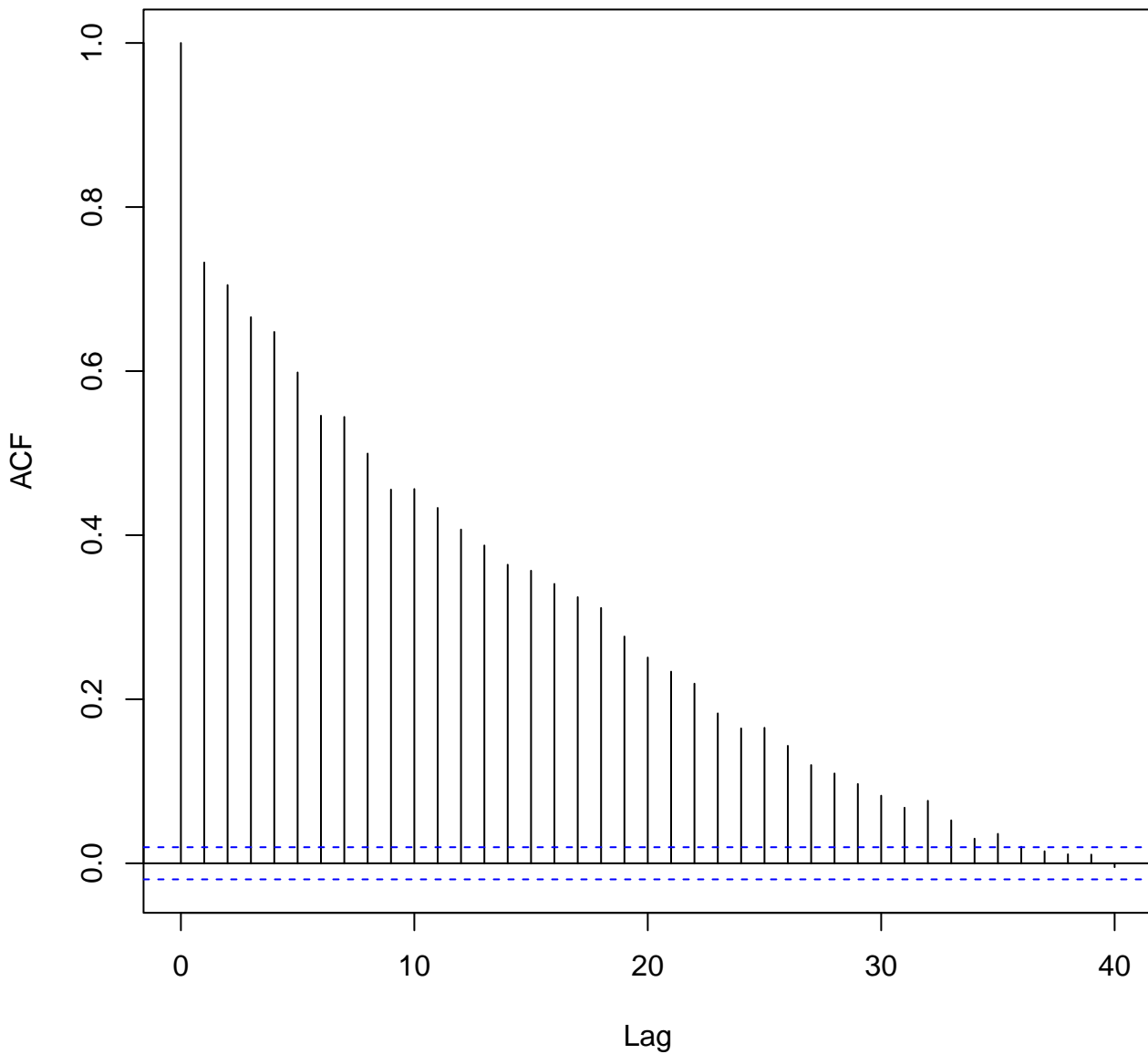
X_10 chain 4



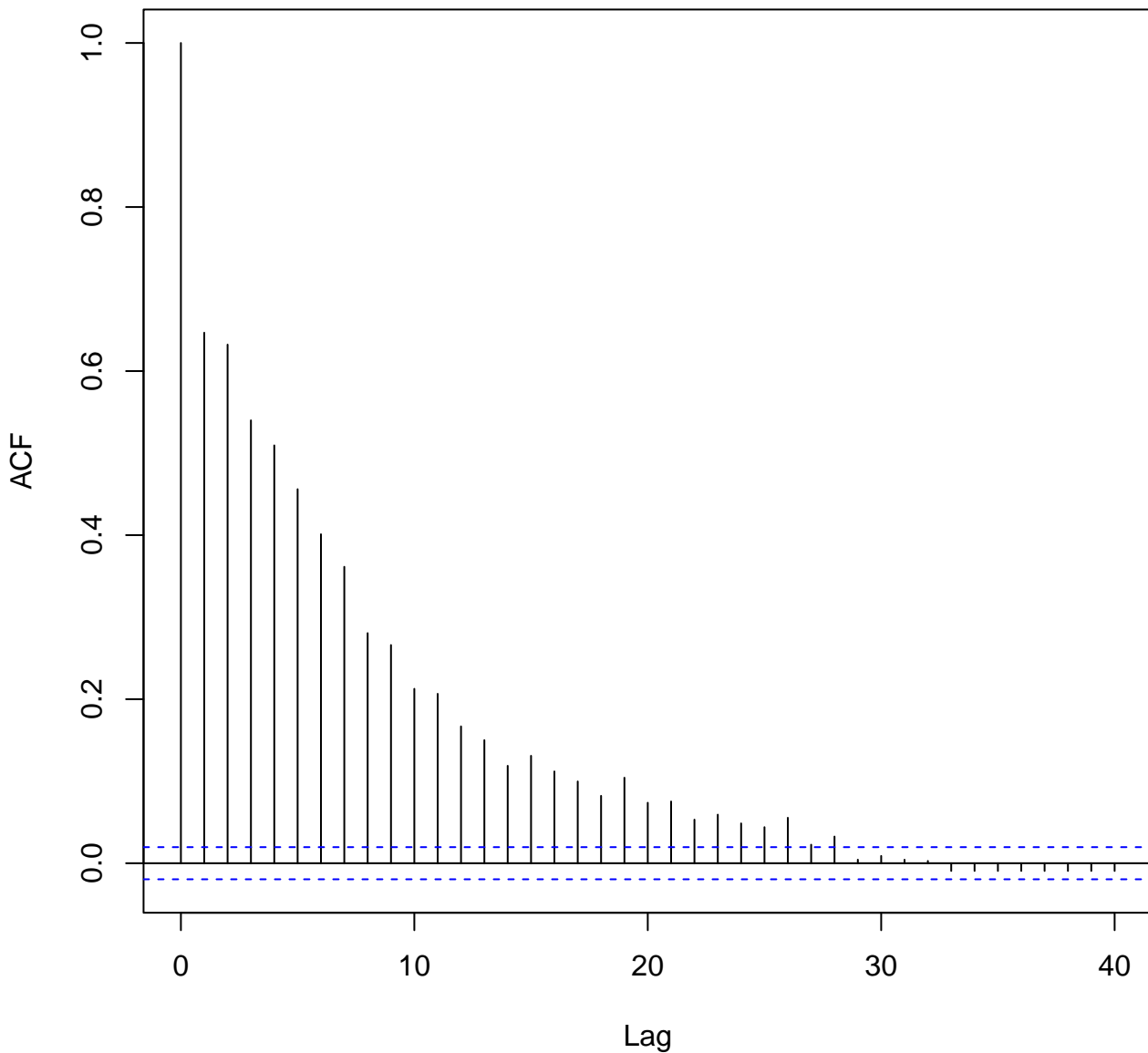
X_10 chain 5



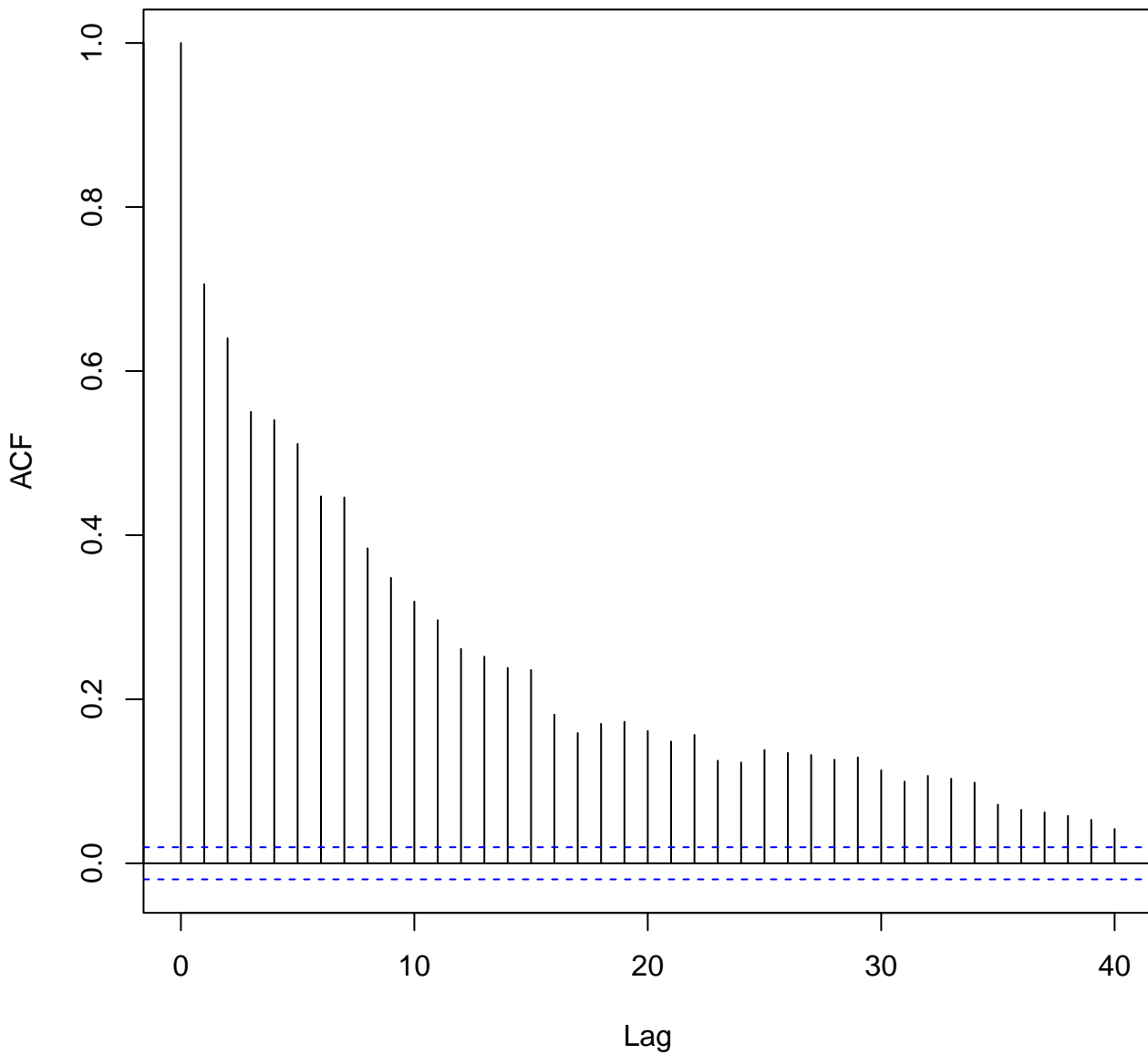
X_10 chain 6



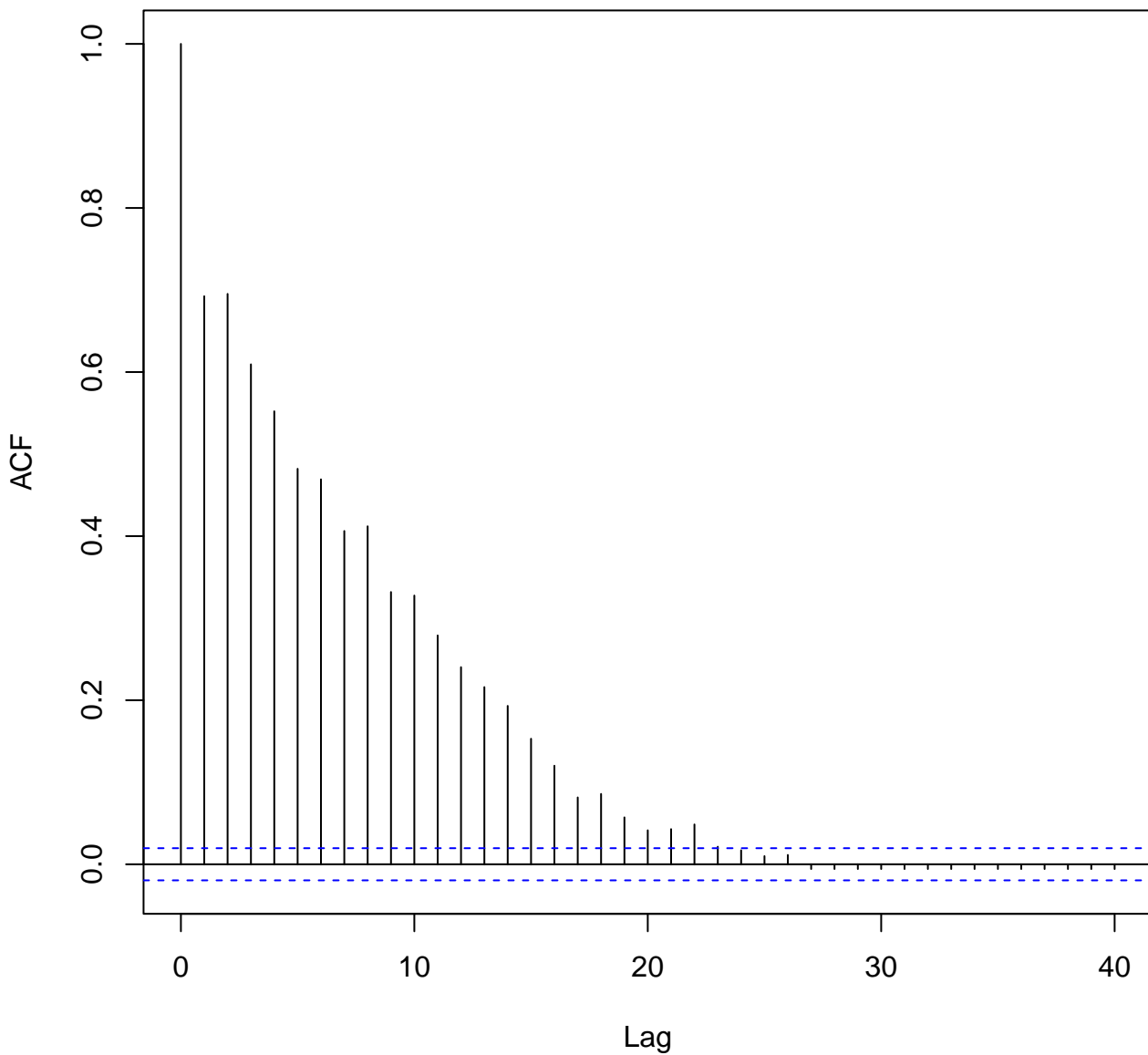
X_11 chain 1



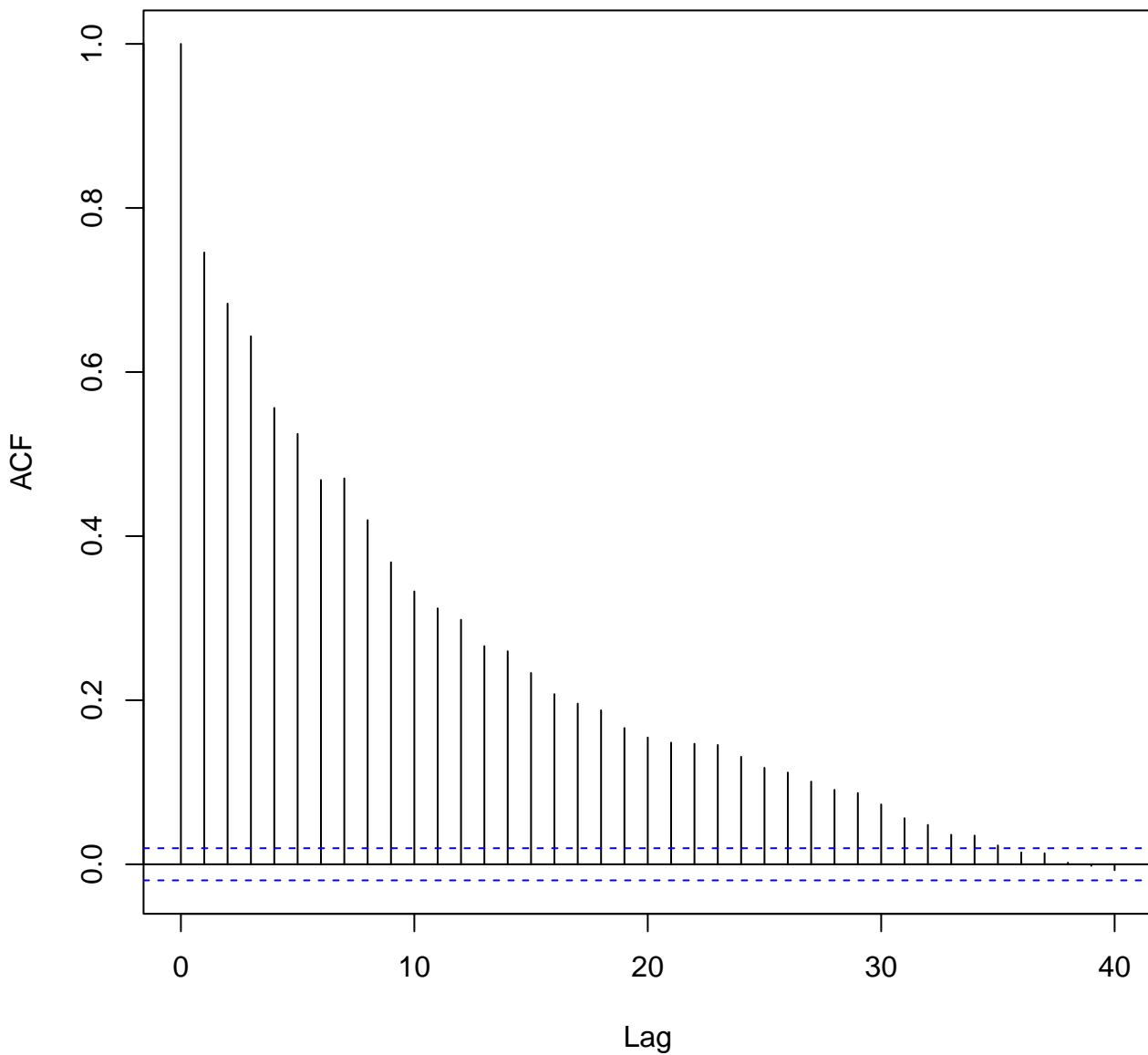
X_11 chain 2



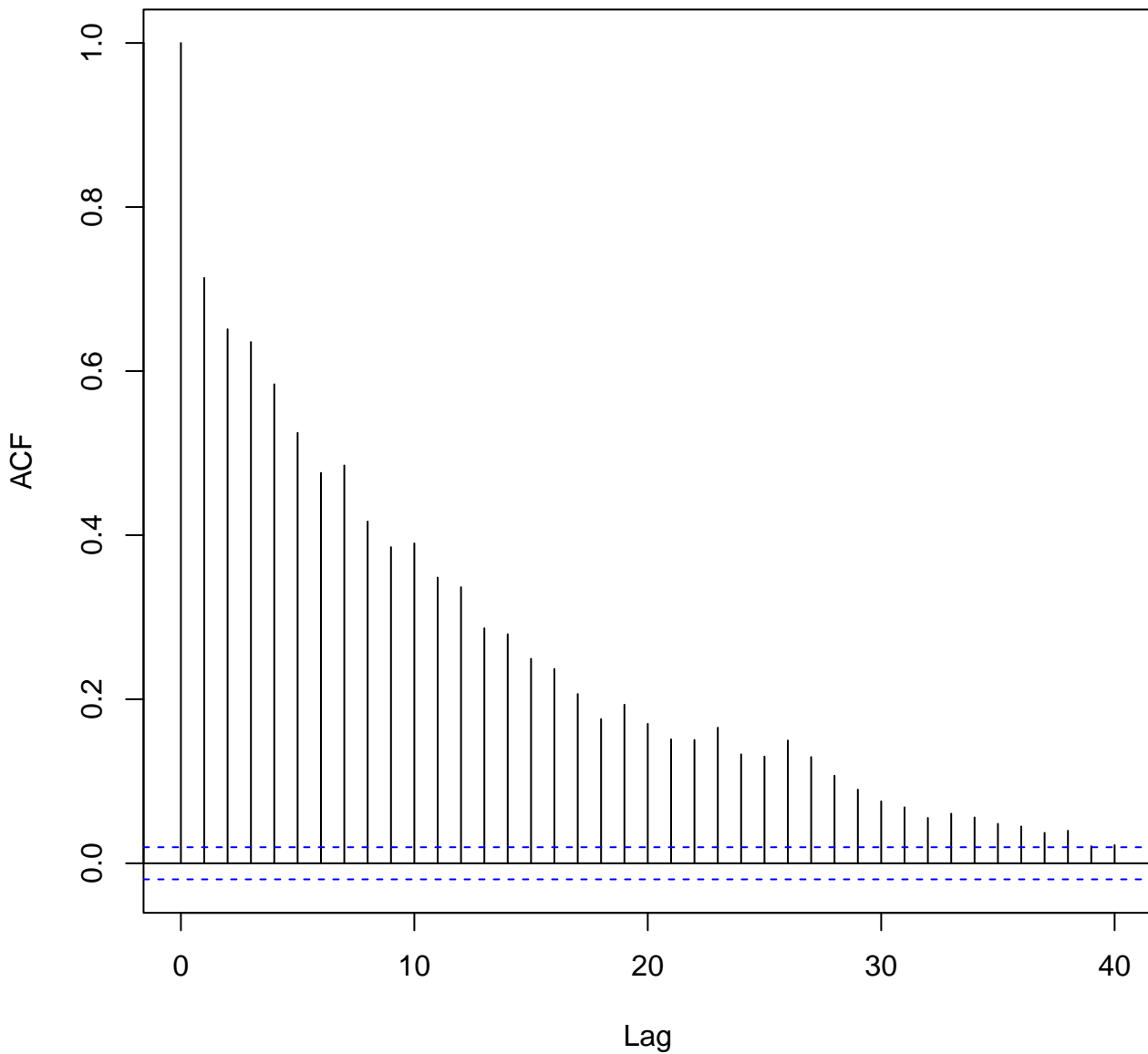
X_11 chain 3



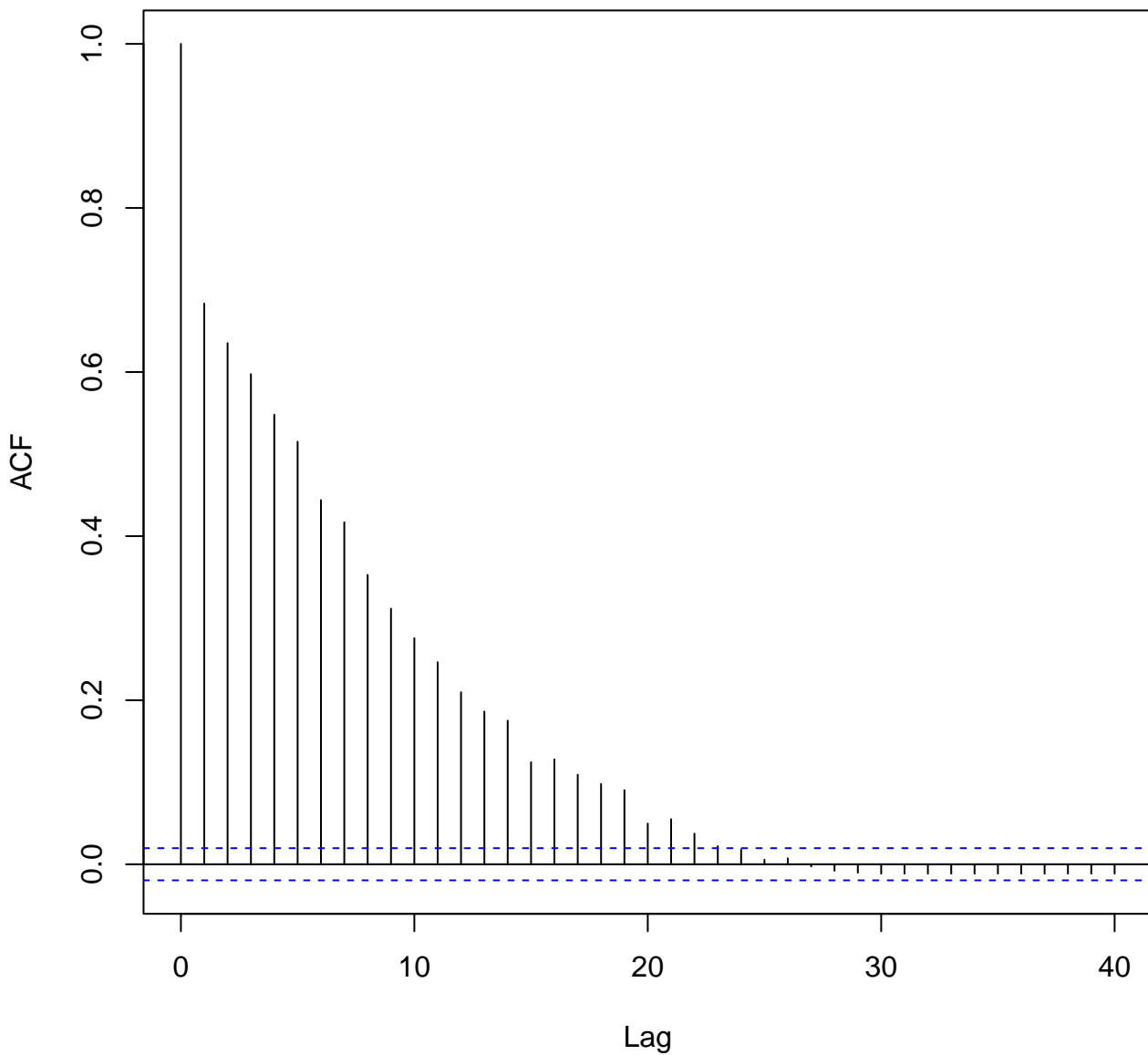
X_11 chain 4



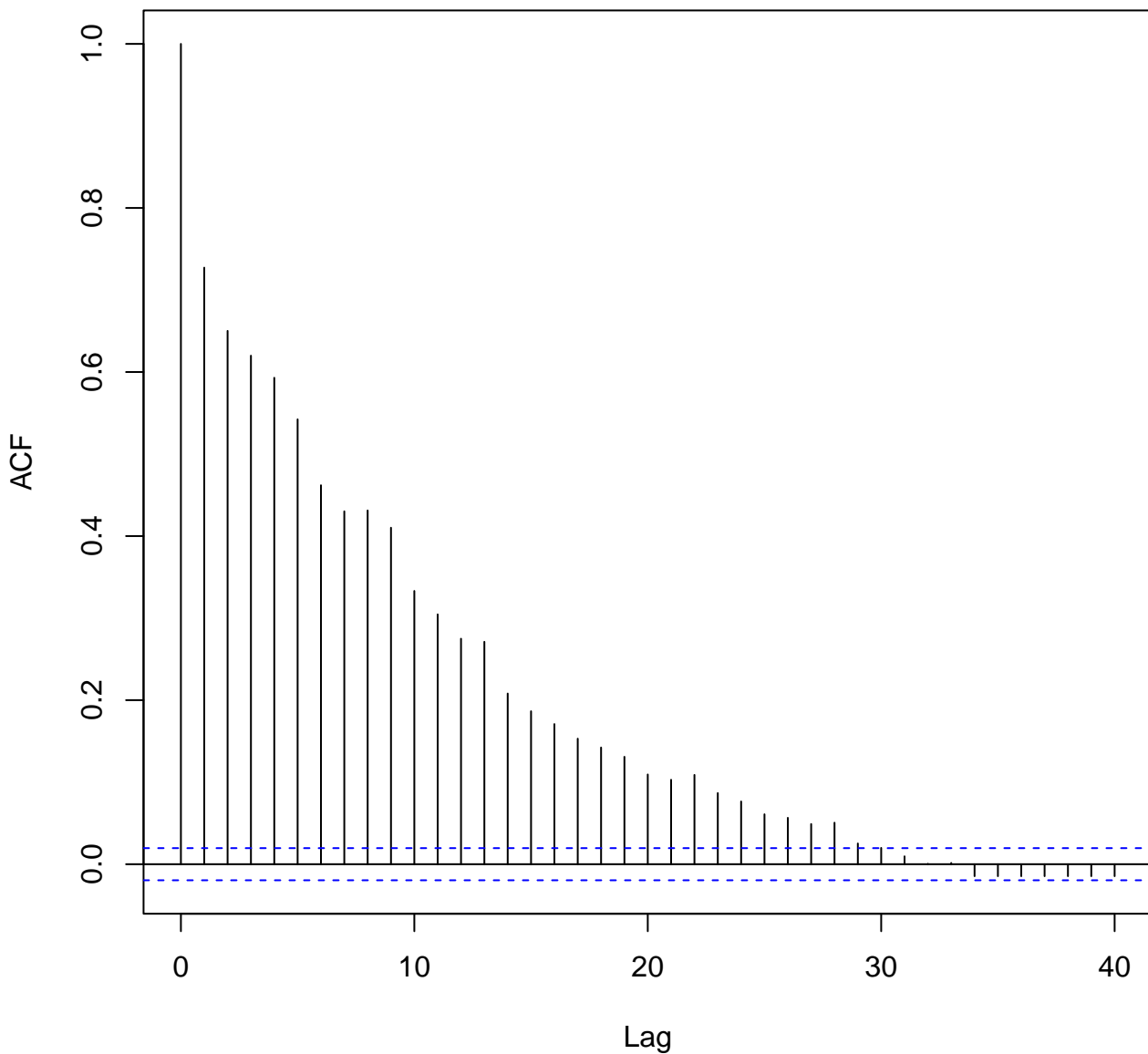
X_11 chain 5



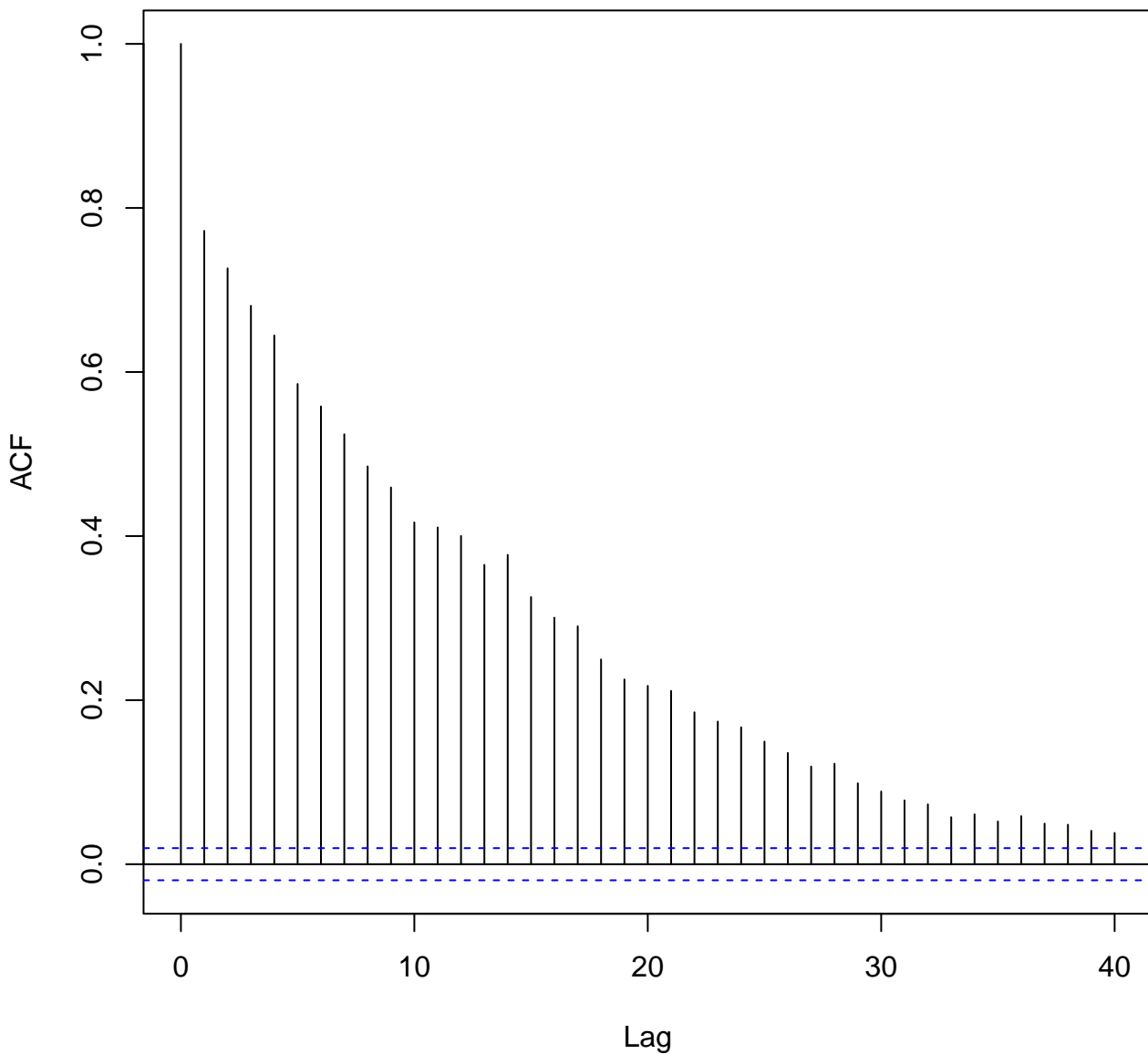
X_11 chain 6



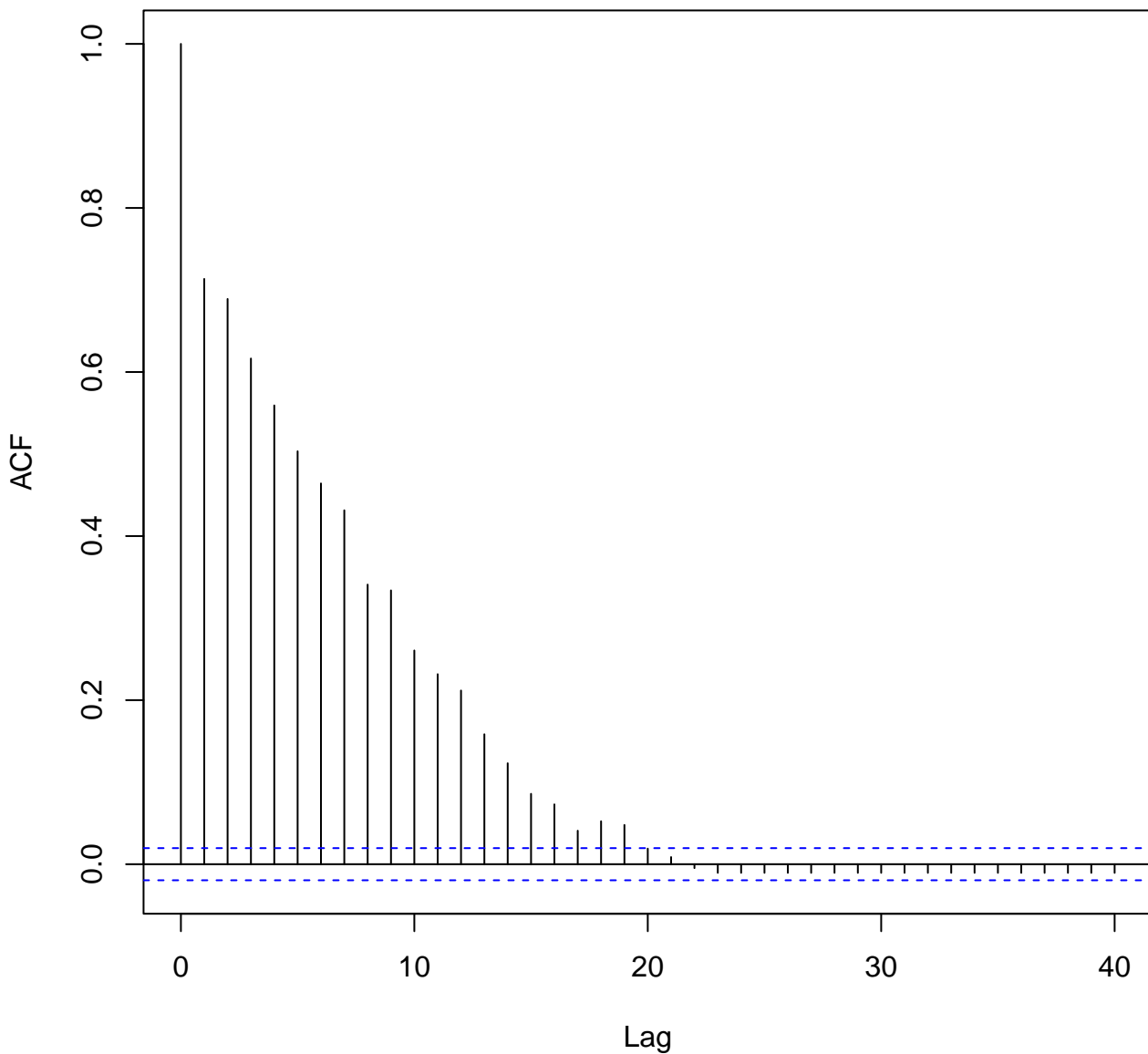
X_12 chain 1



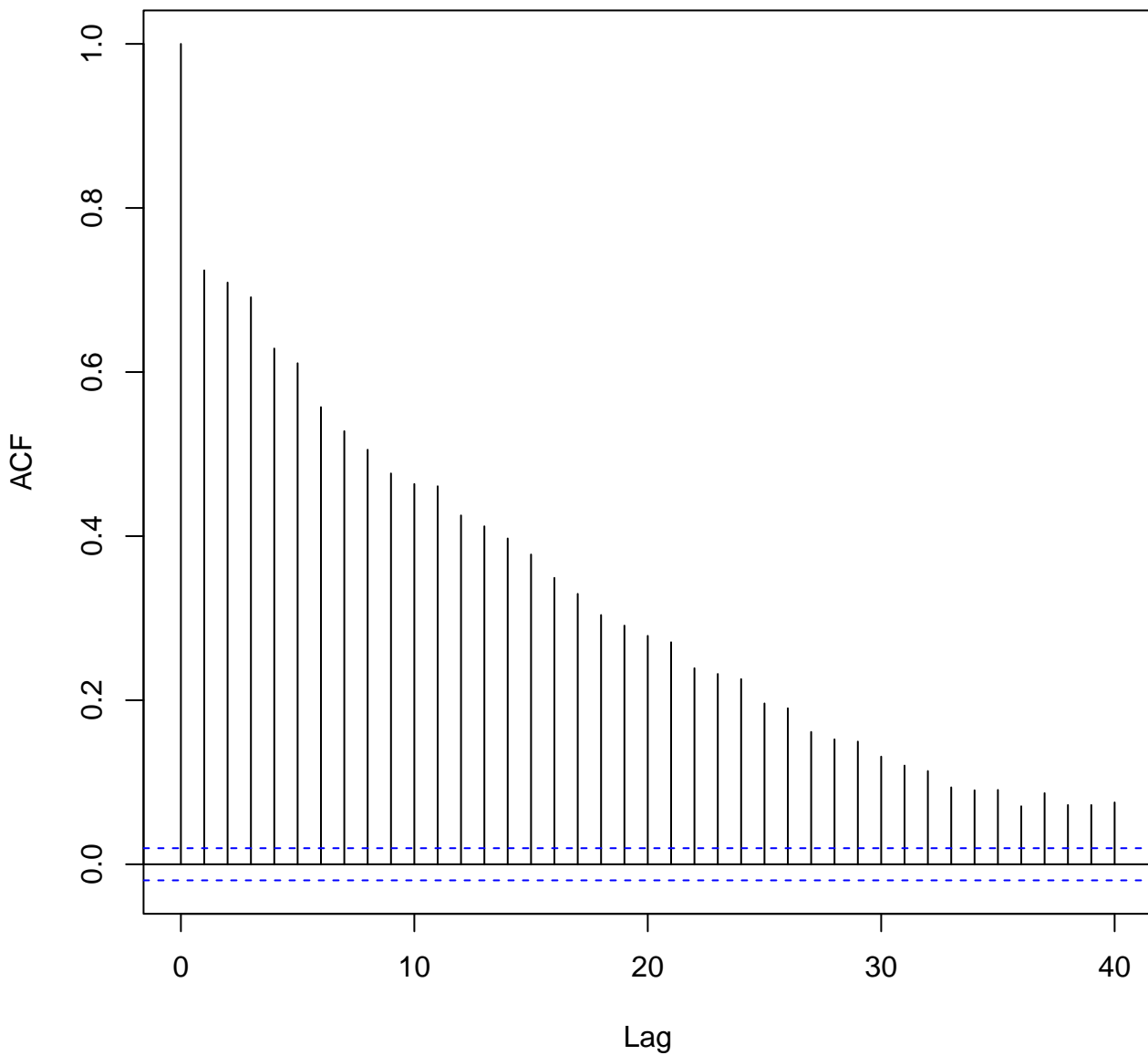
X_12 chain 2



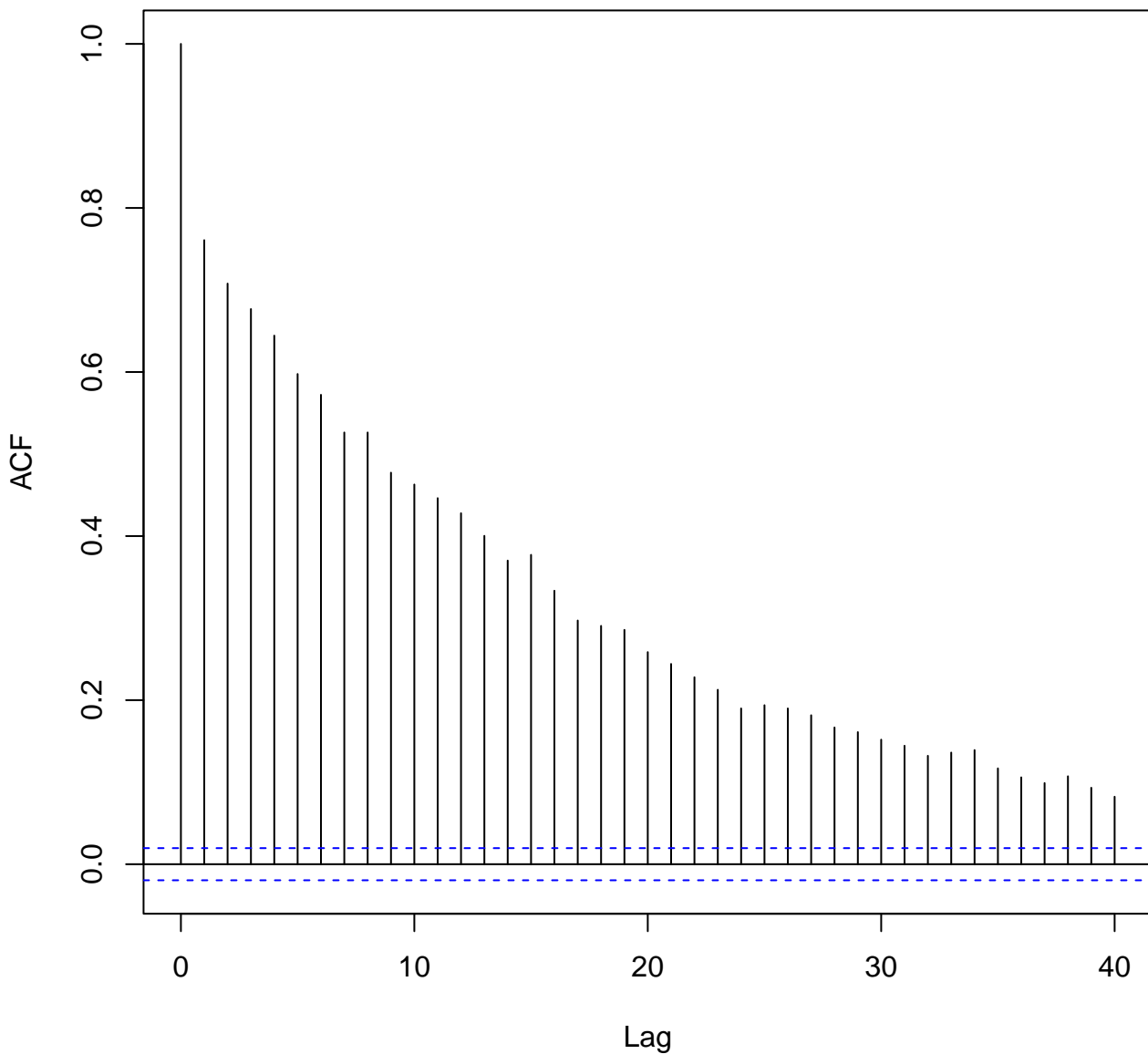
X_12 chain 3



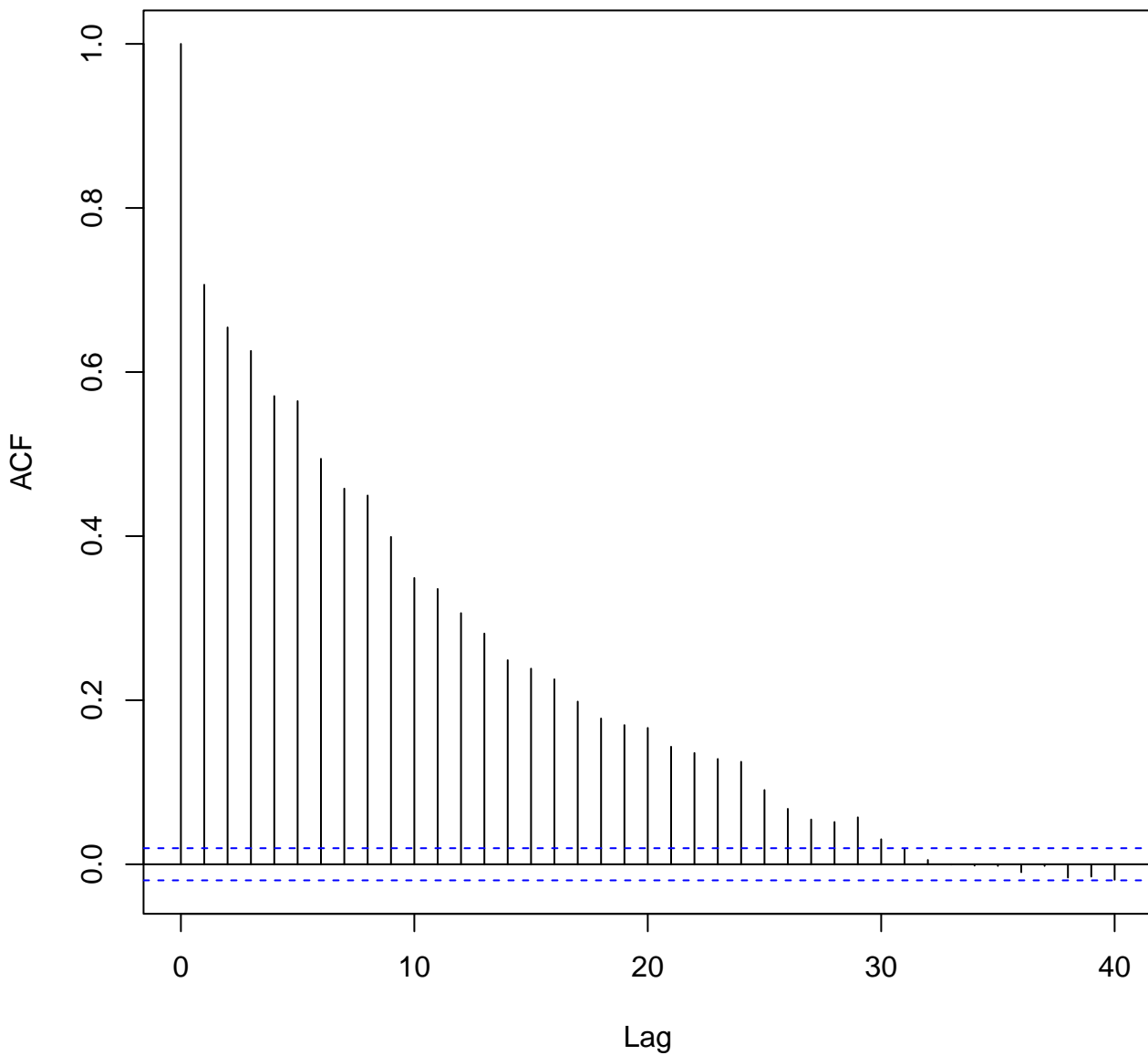
X_12 chain 4



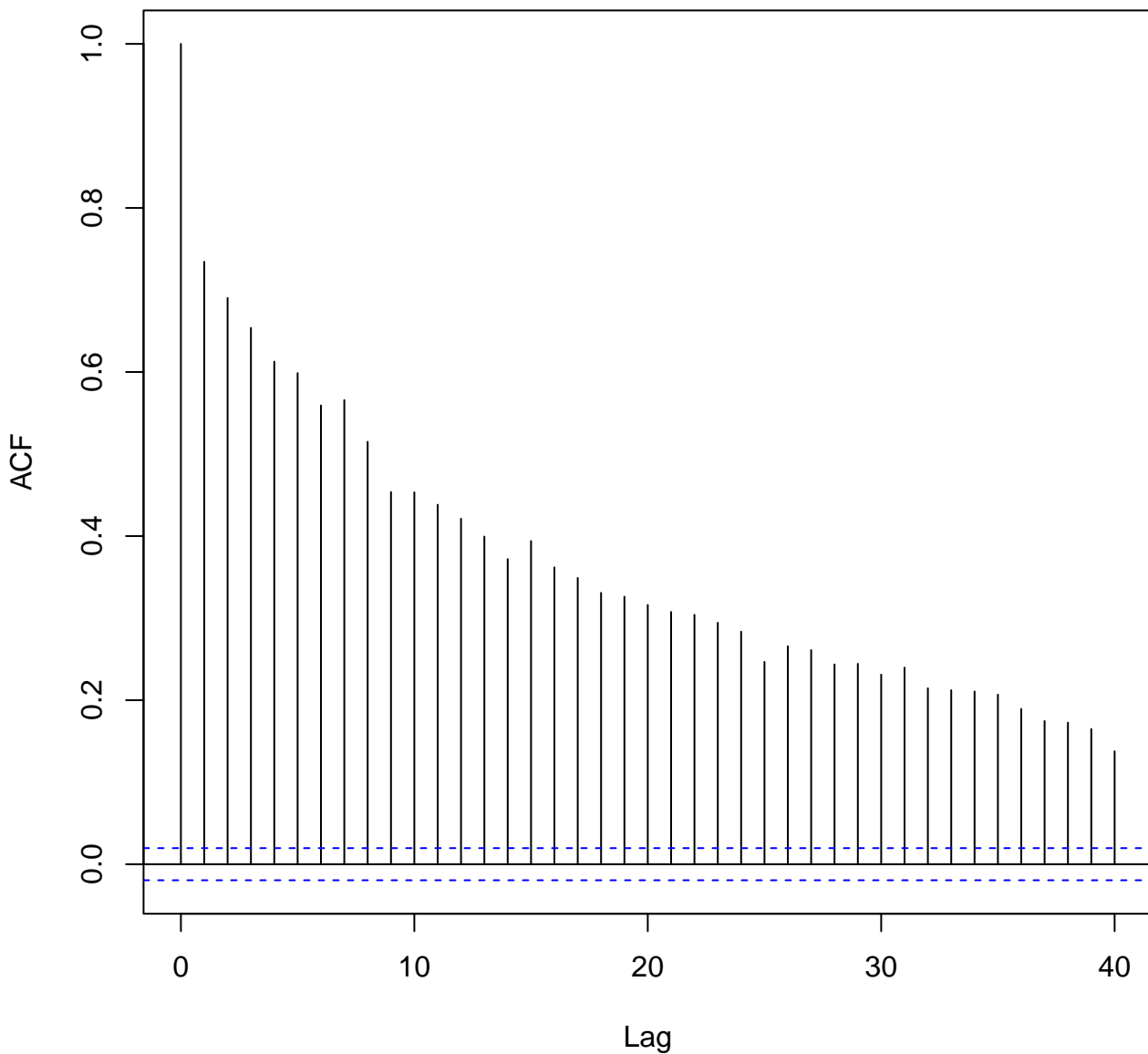
X_12 chain 5



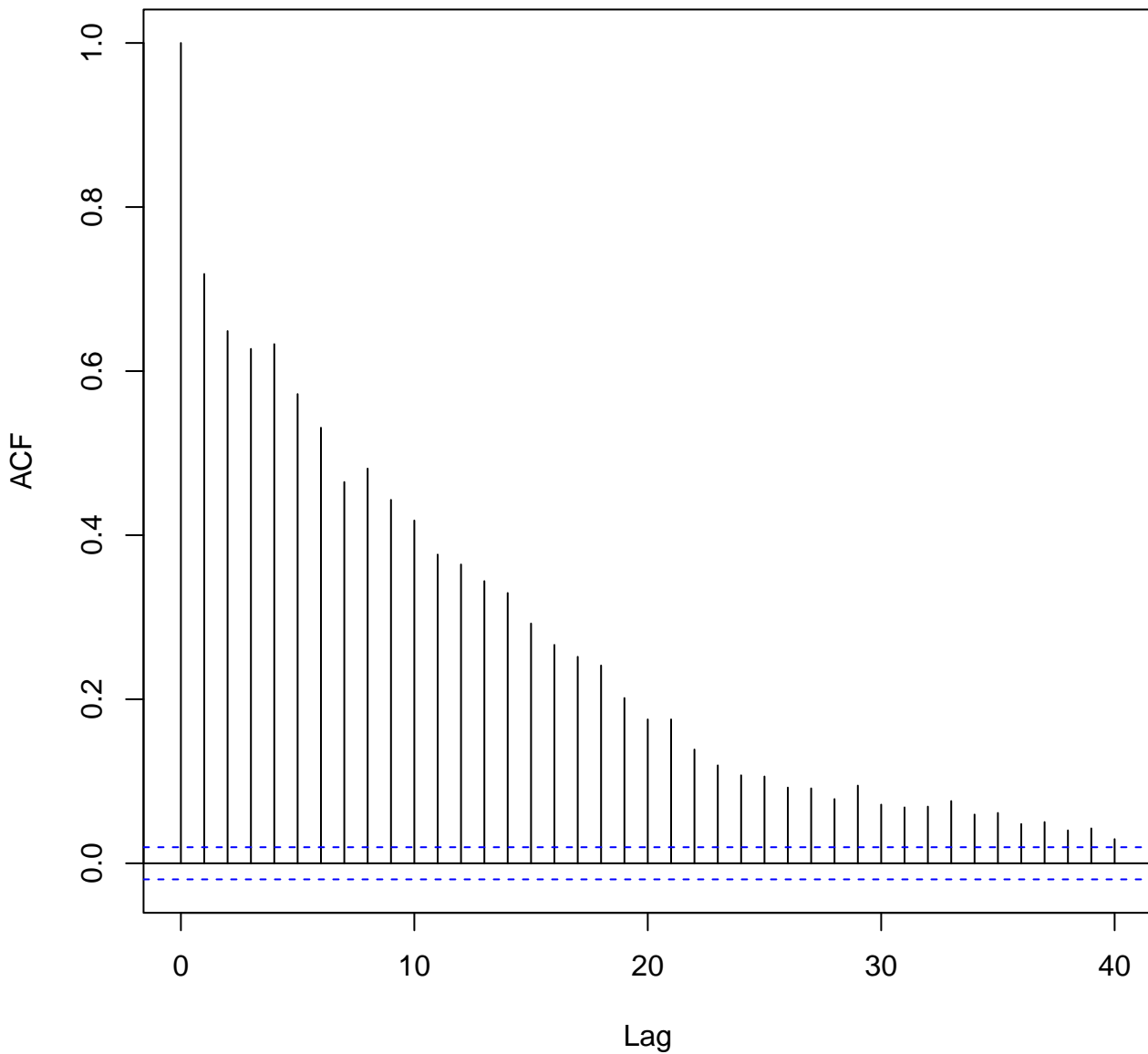
X_12 chain 6



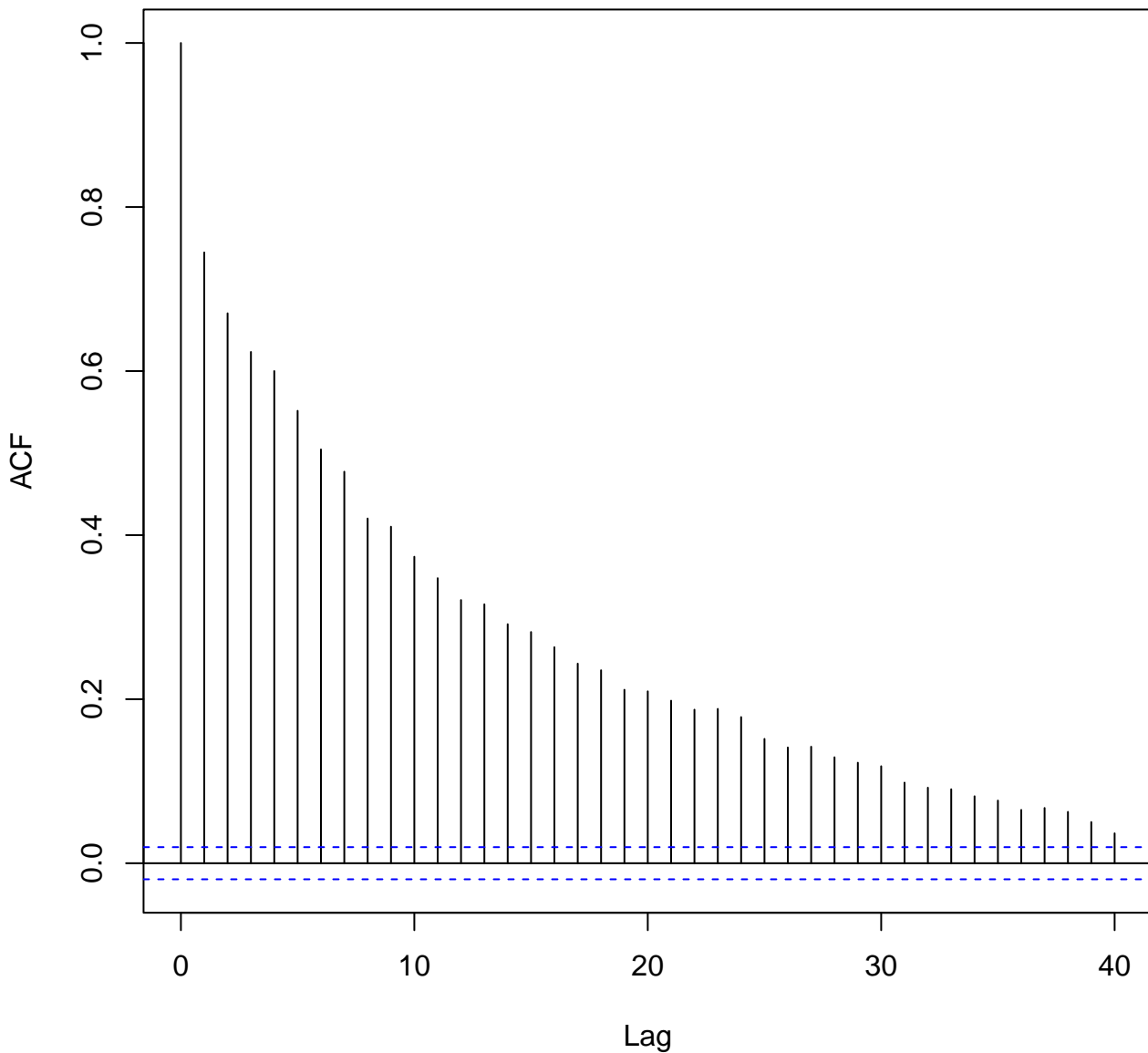
X_13 chain 1



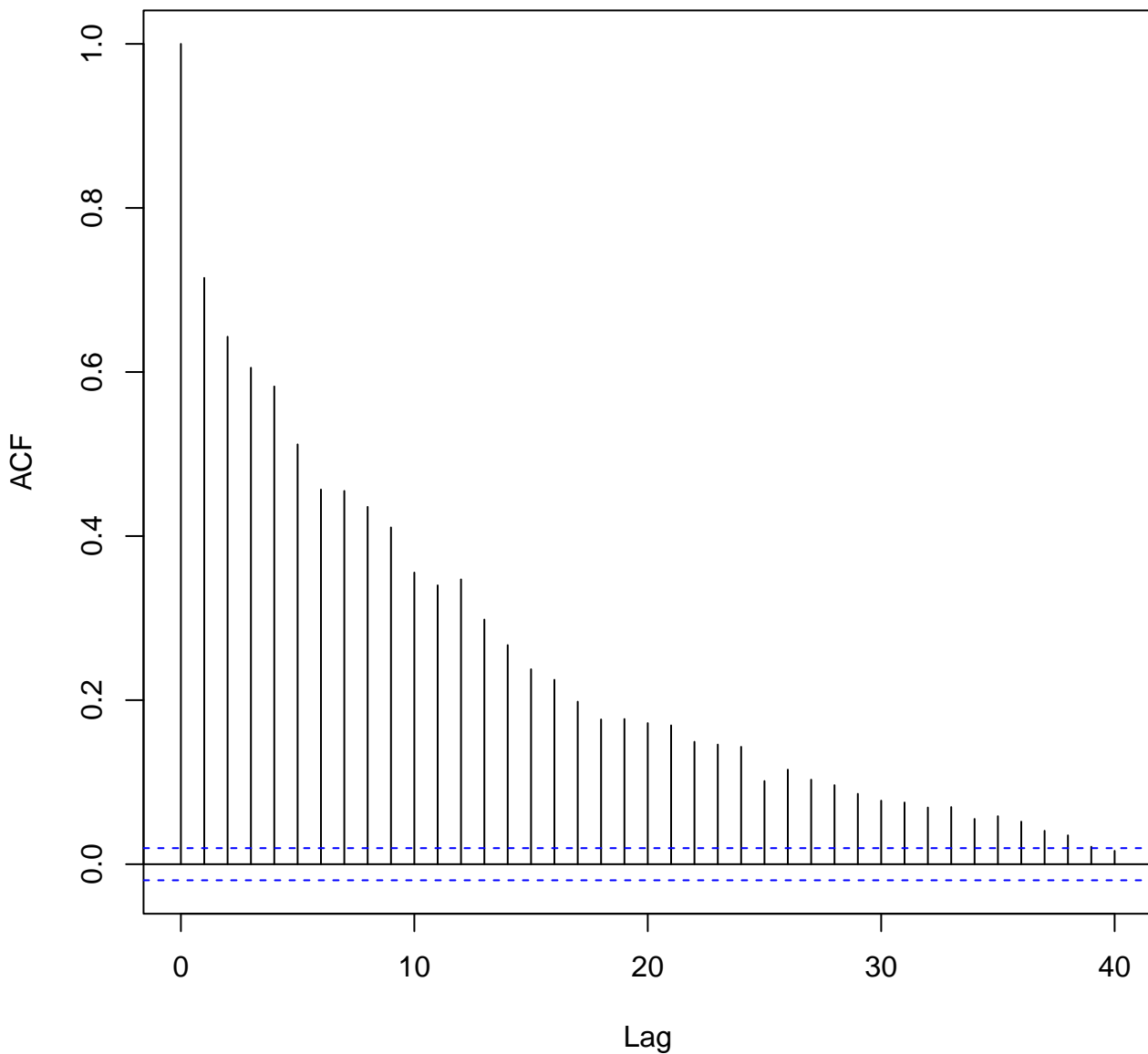
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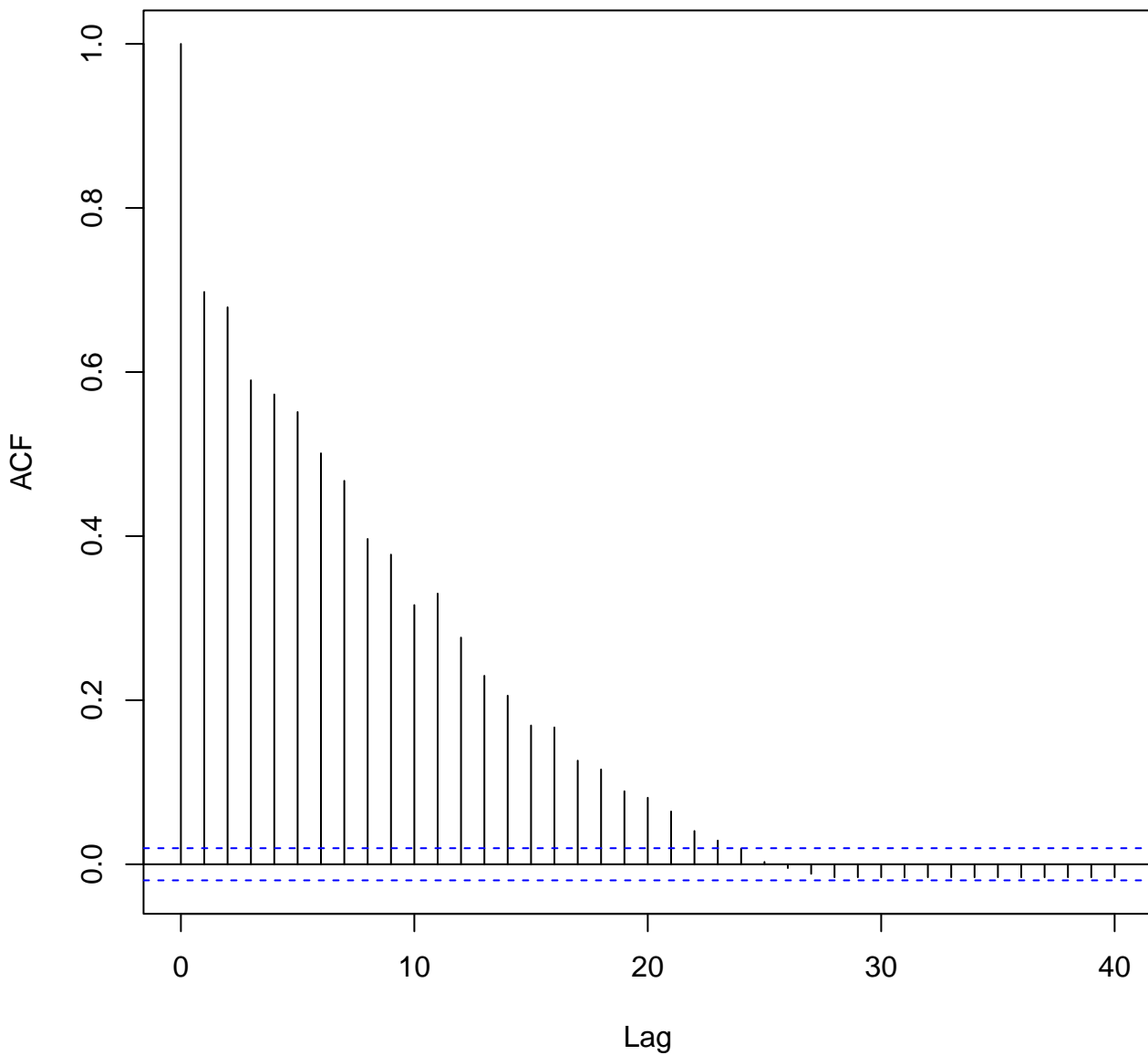
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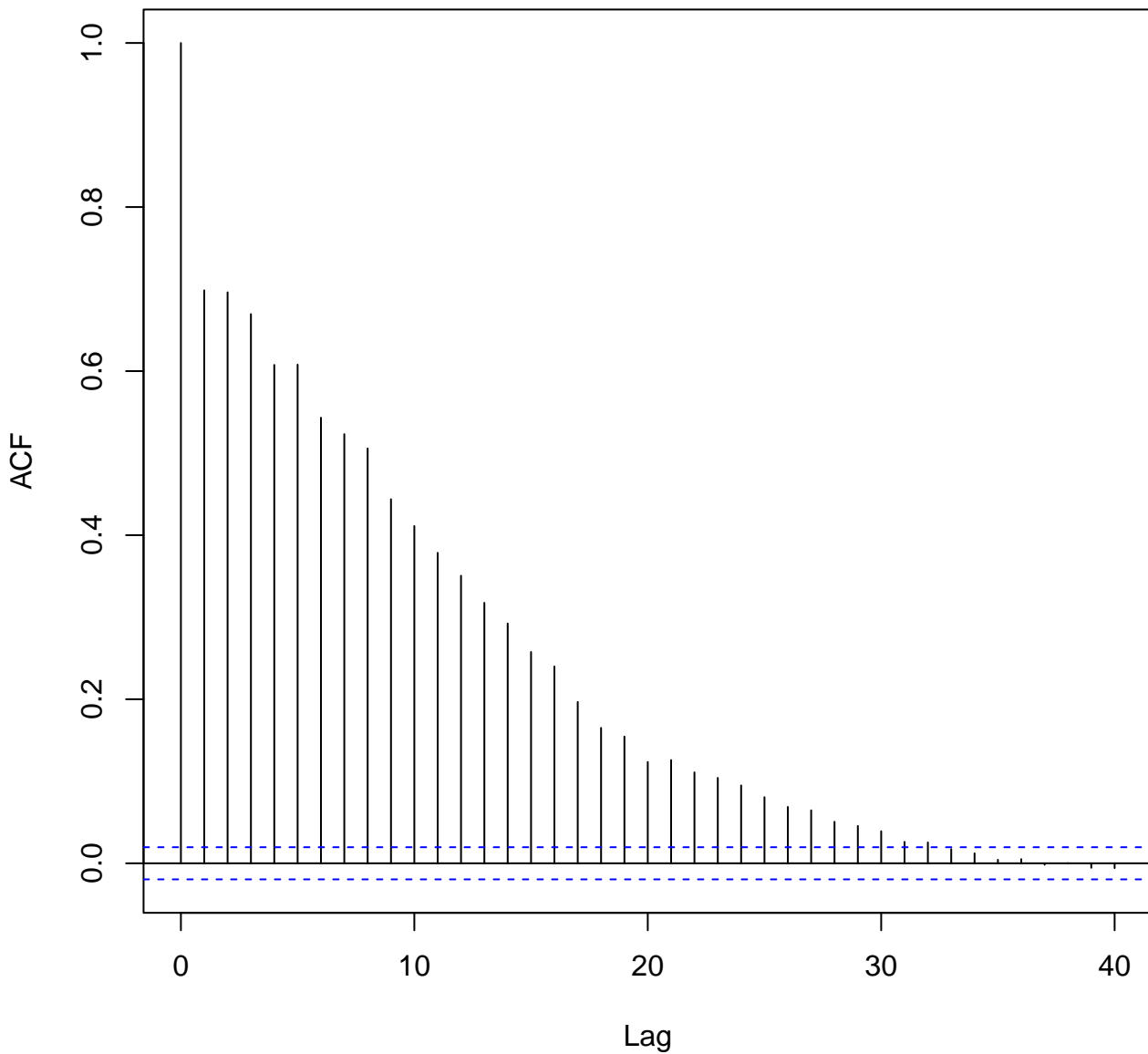
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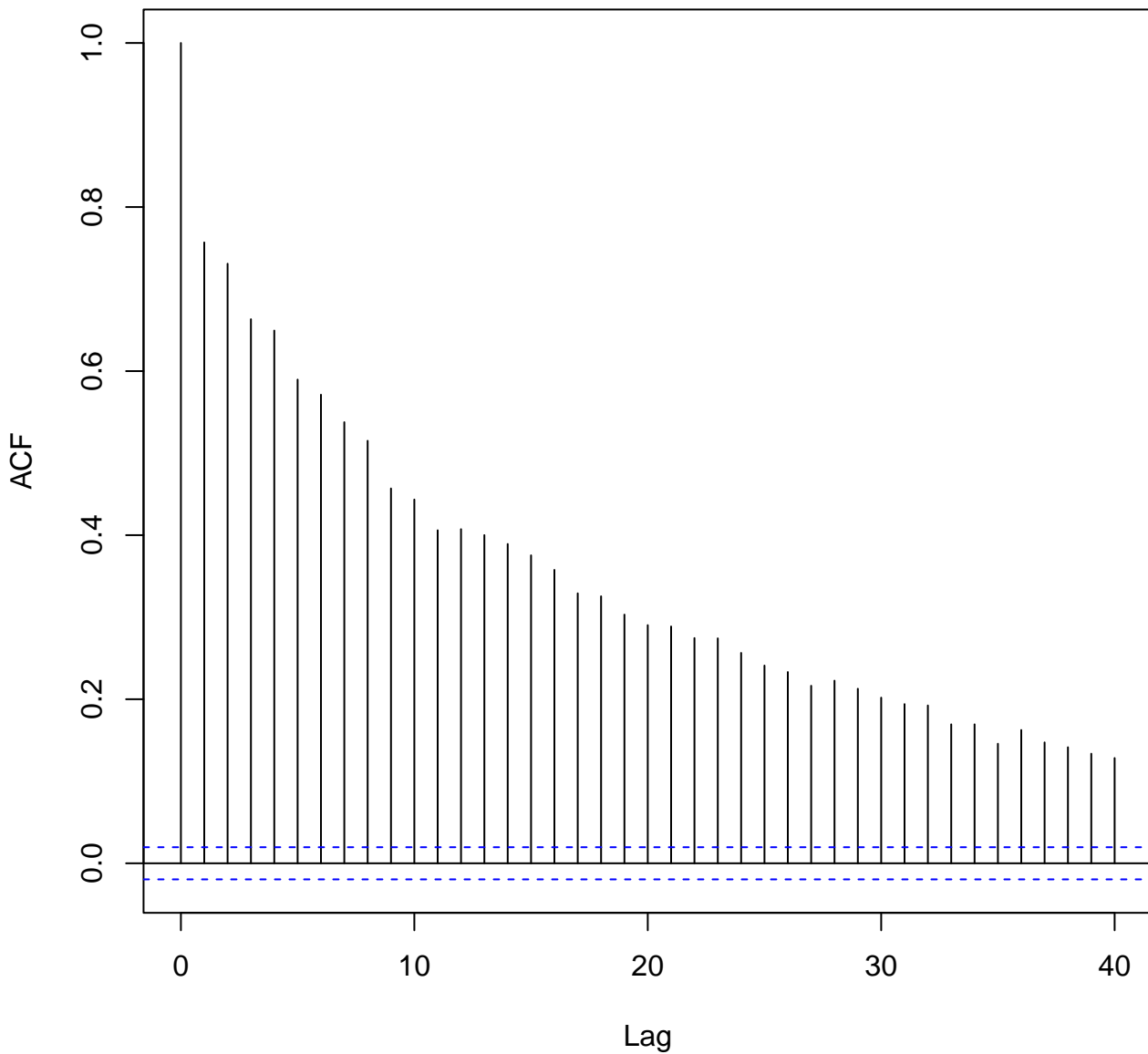
X_13 chain 5



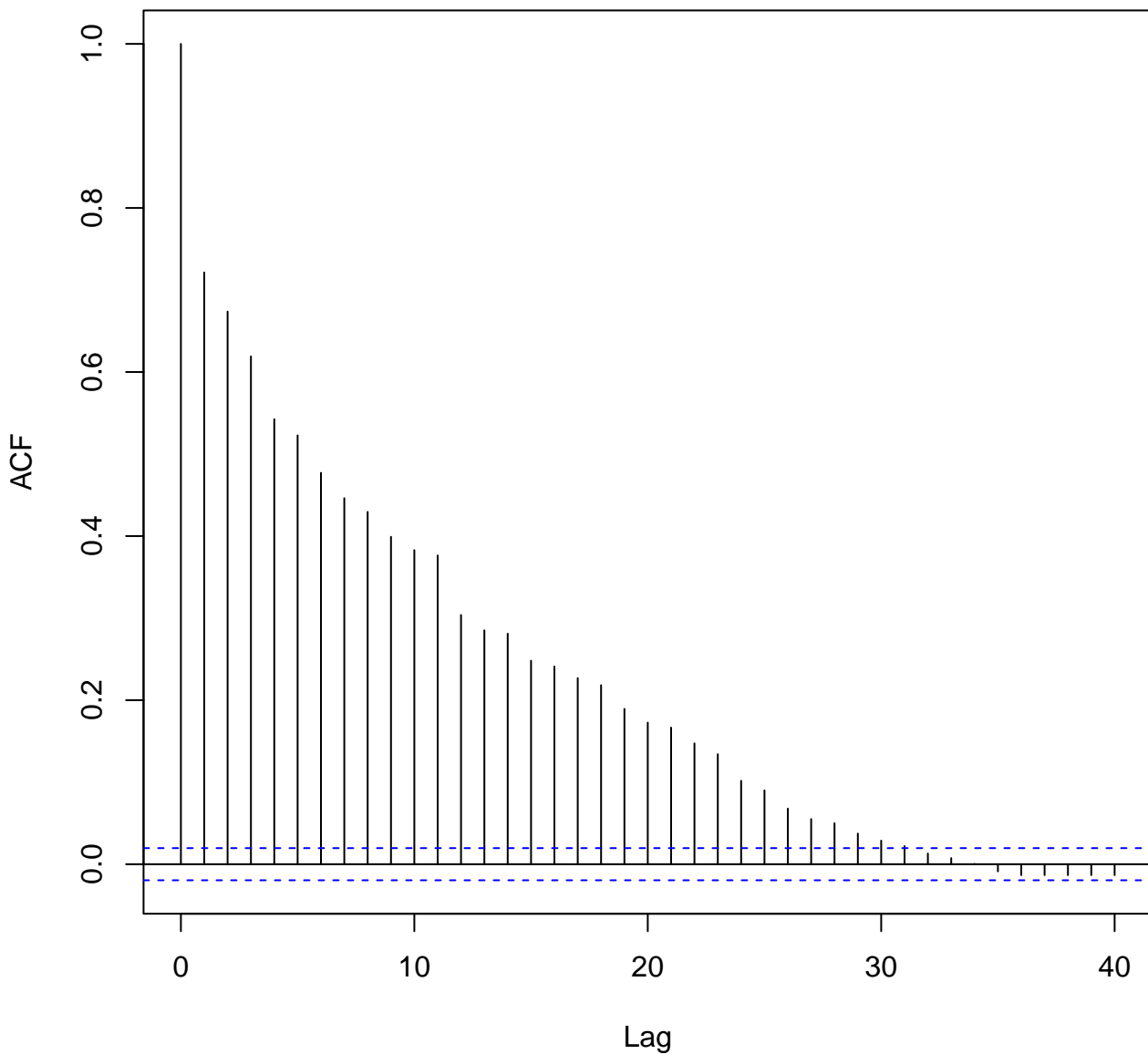
X_13 chain 6



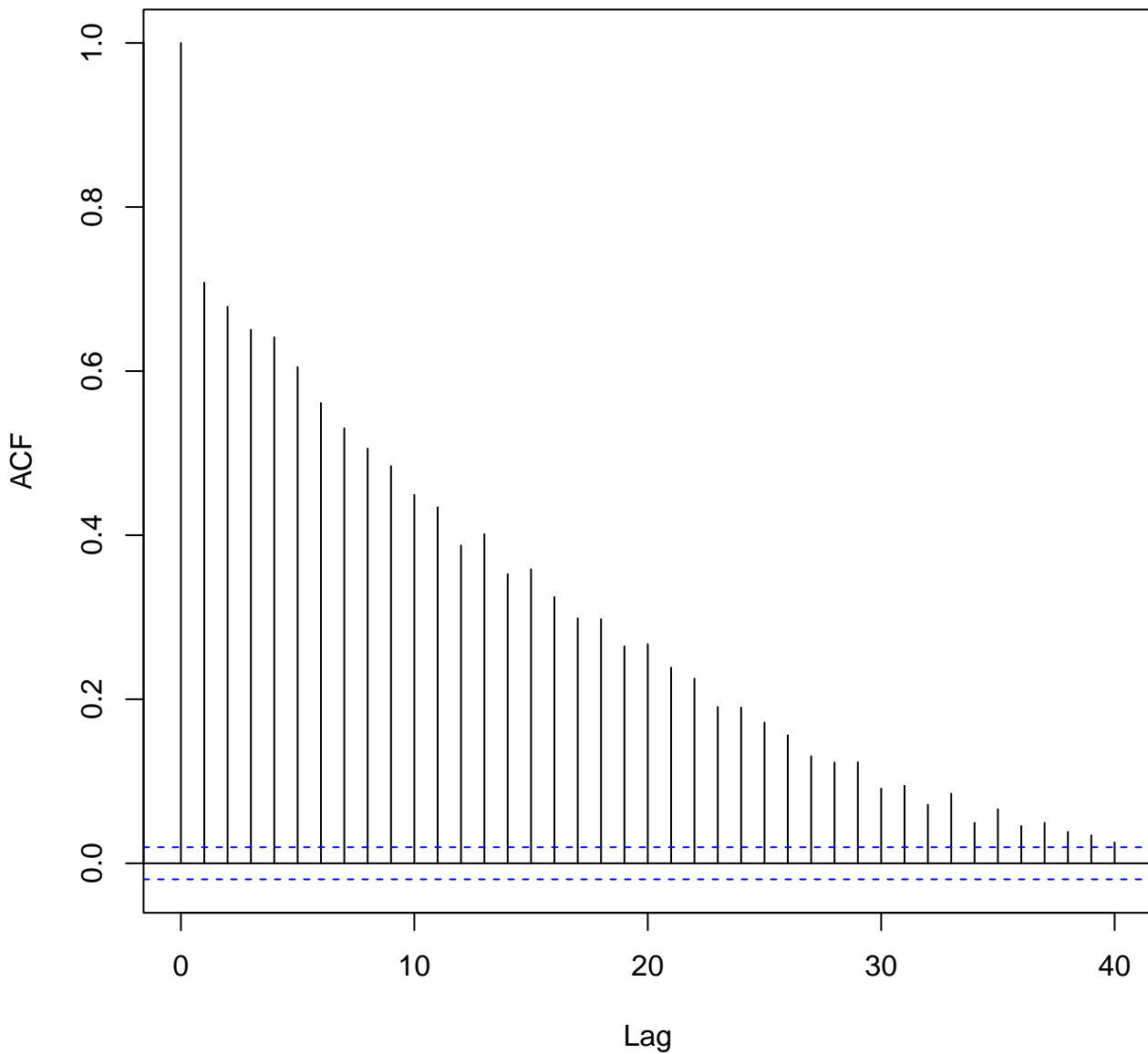
X_14 chain 1



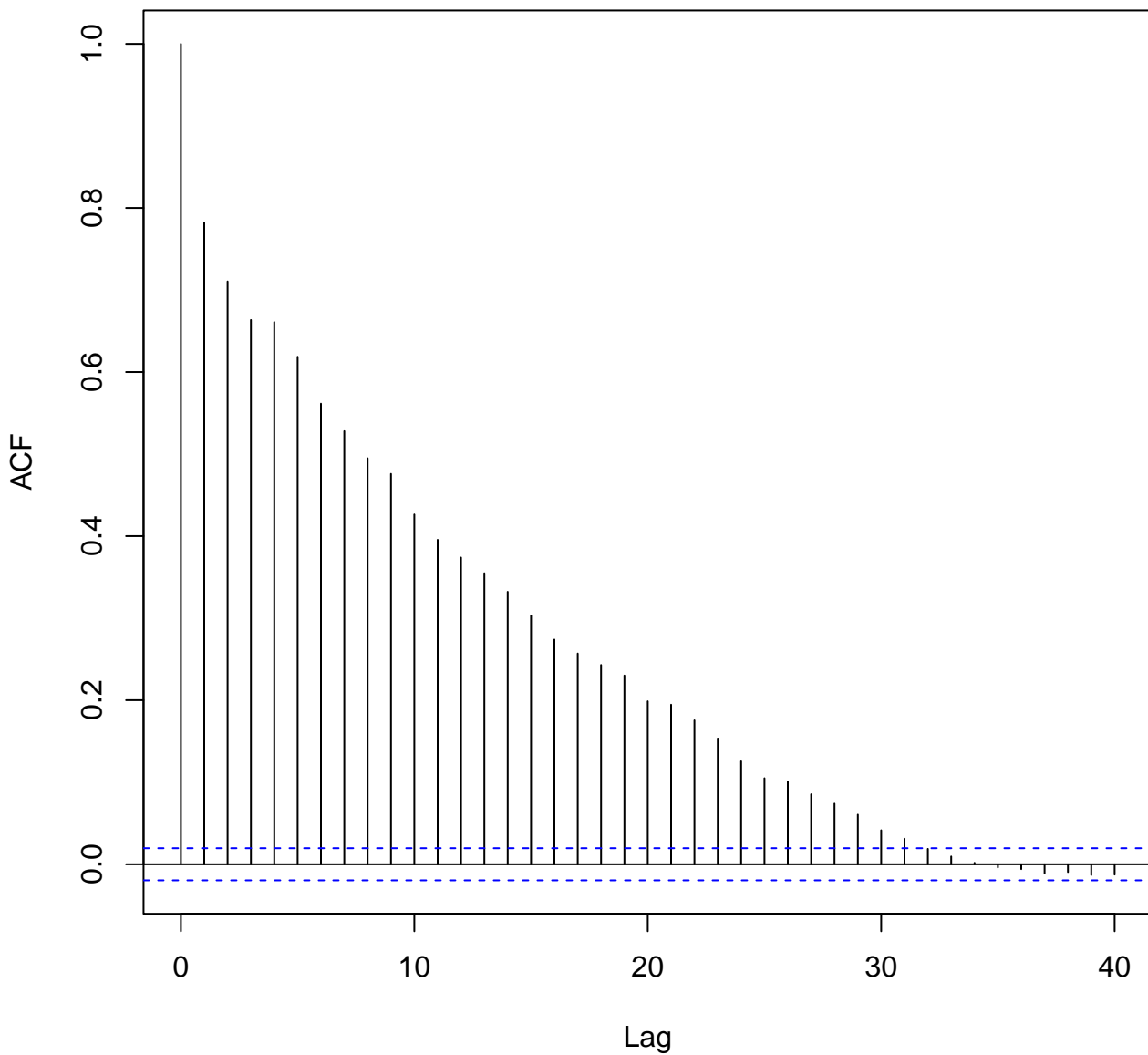
X_14 chain 2



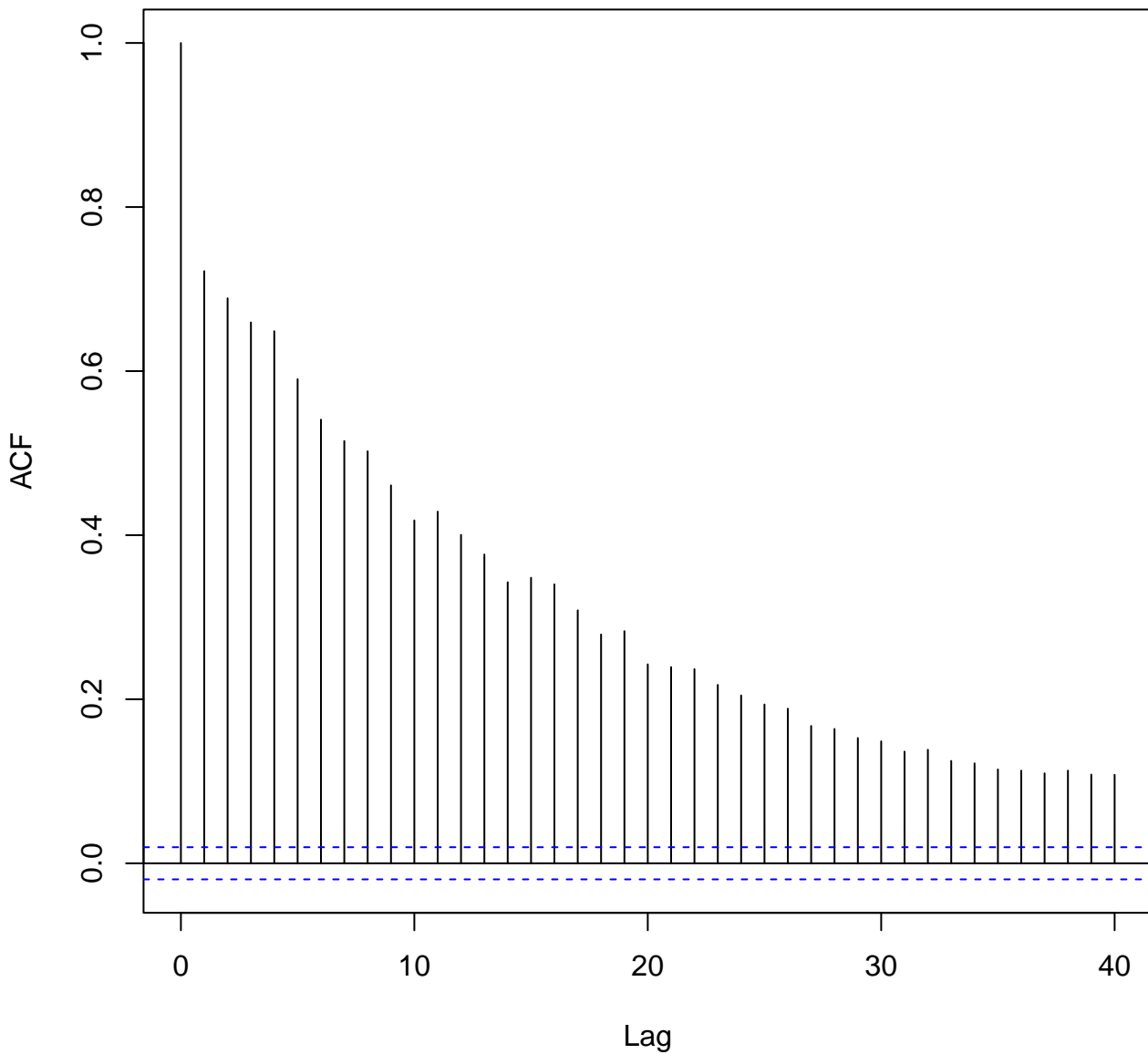
X_14 chain 3



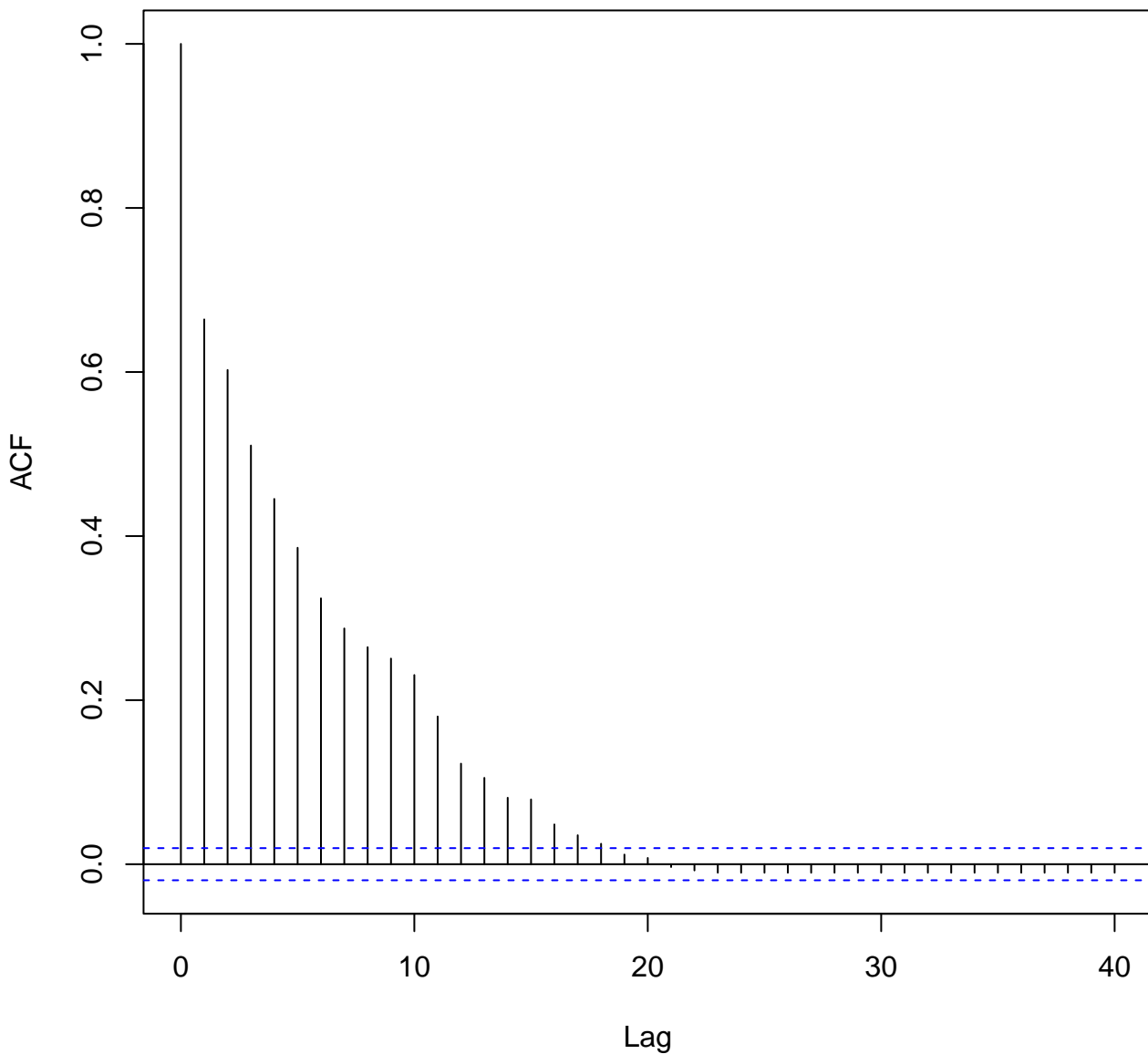
X_14 chain 4



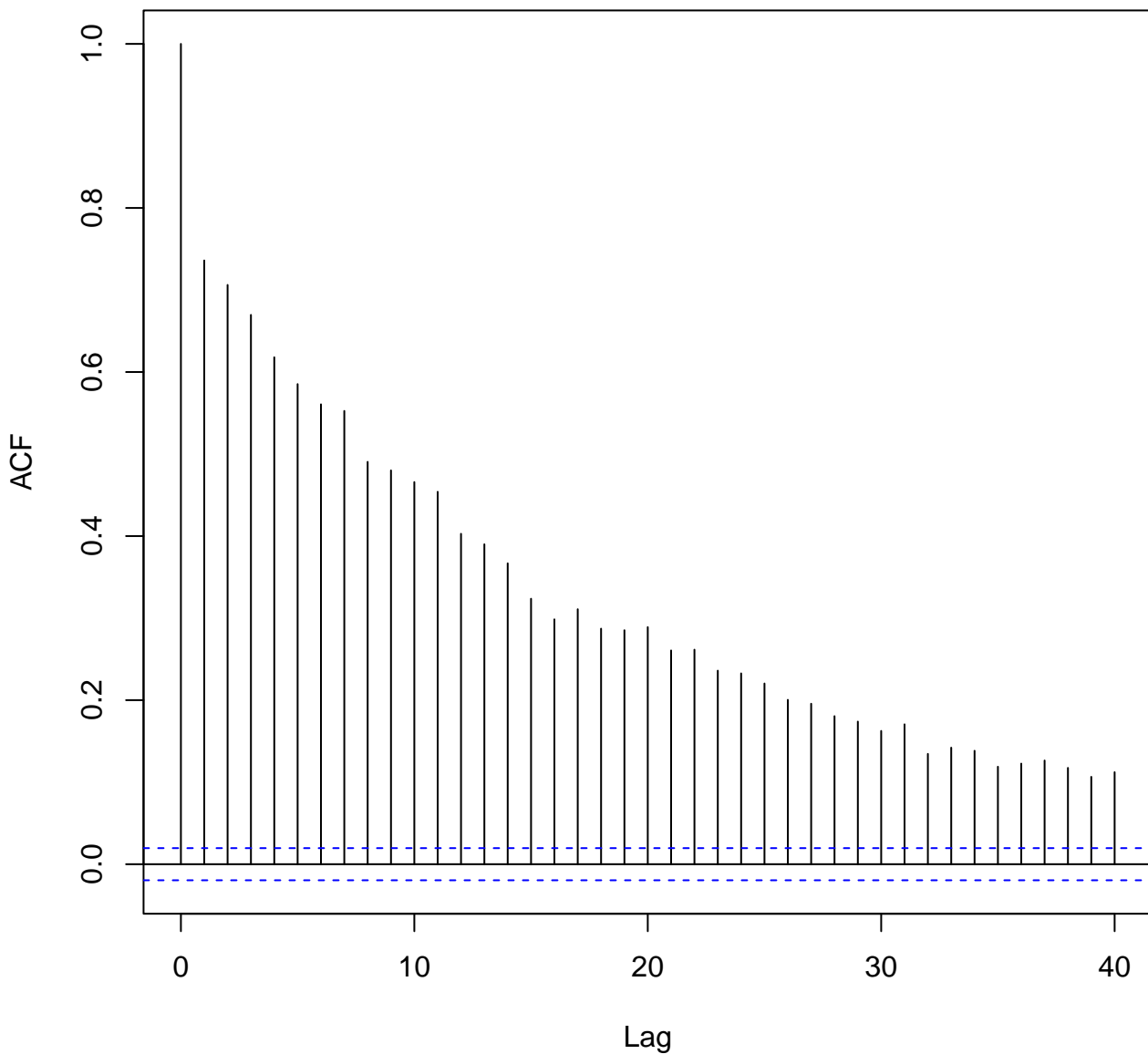
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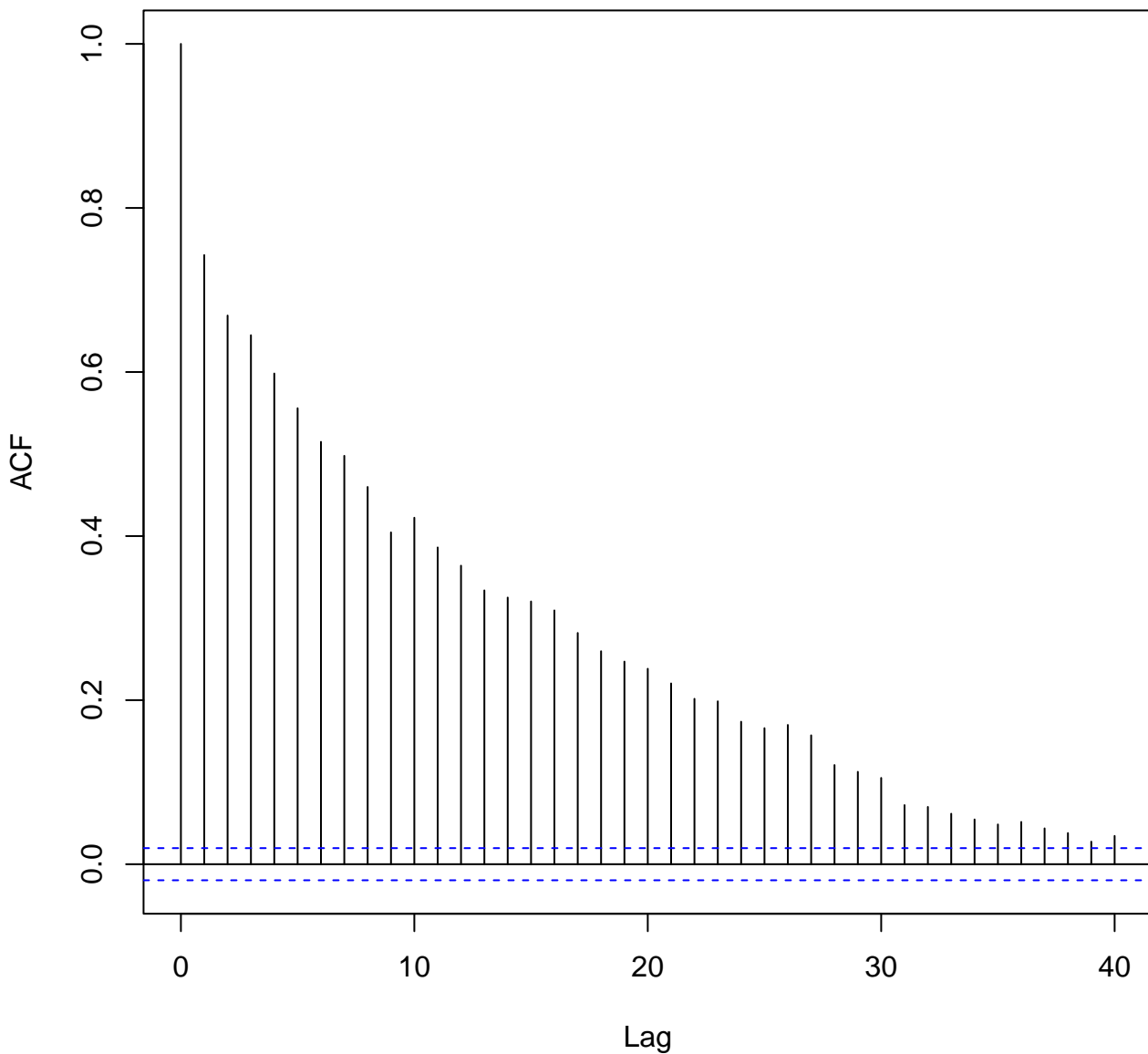
X_14 chain 6



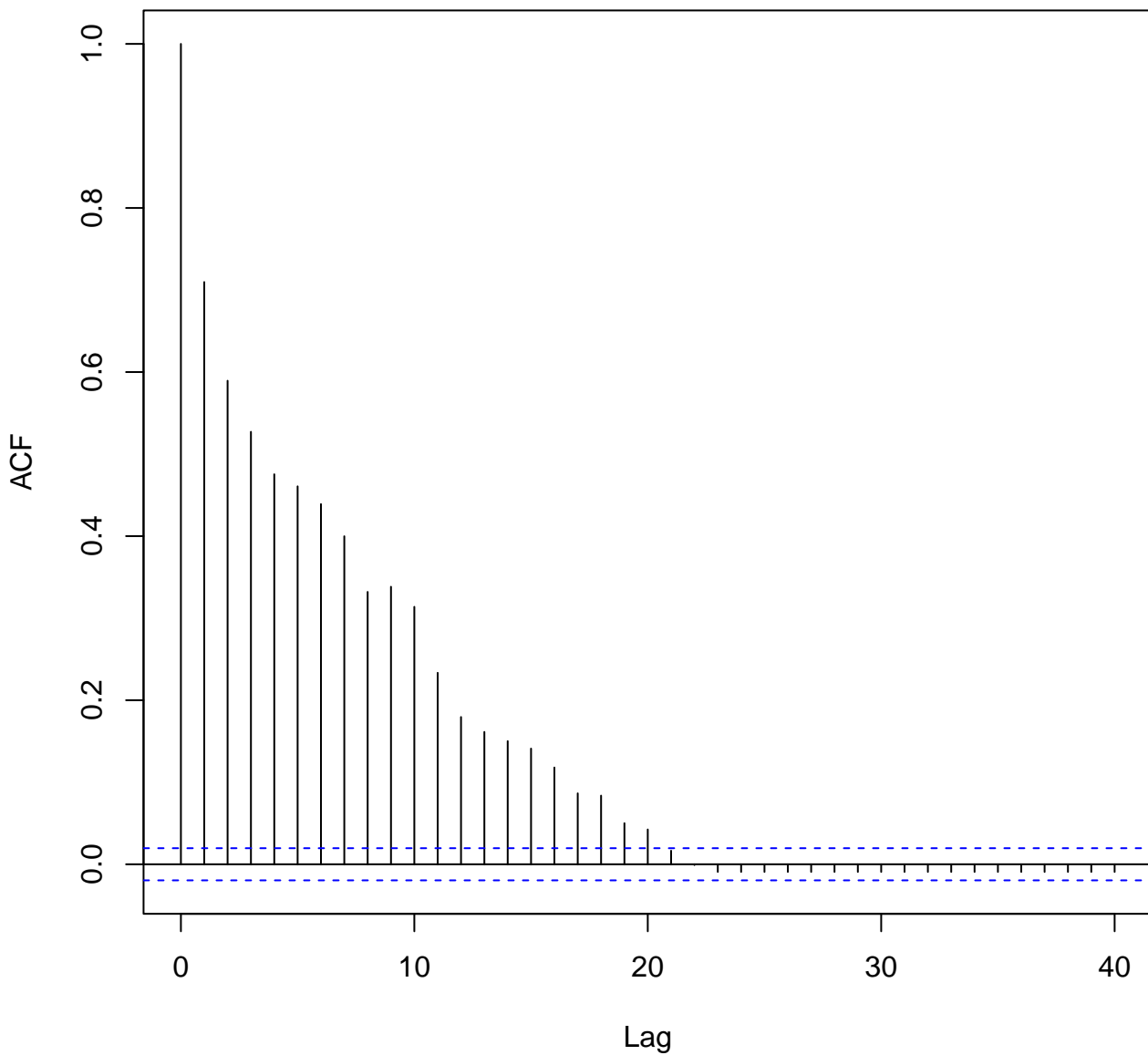
X_15 chain 1



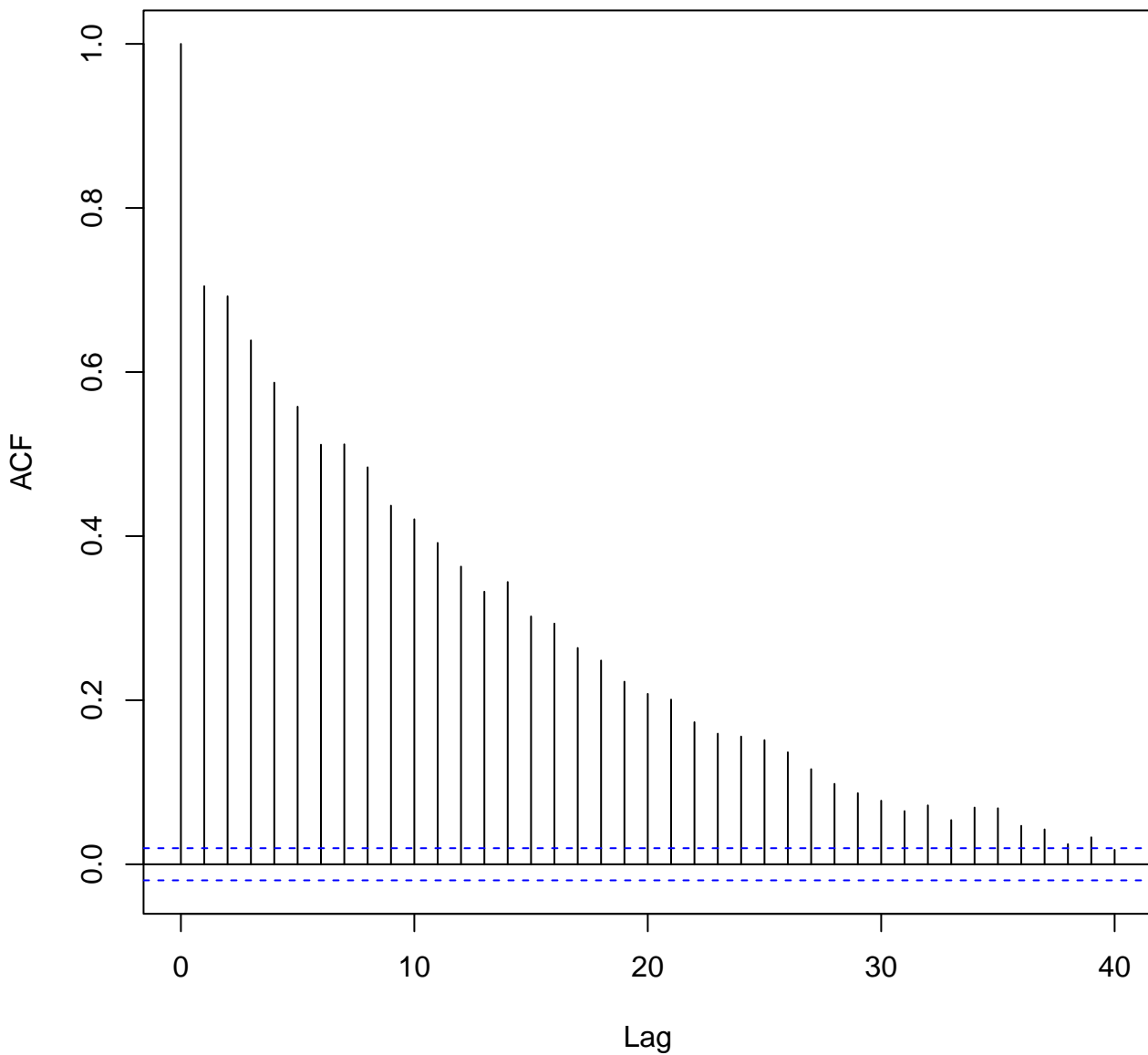
X_15 chain 2



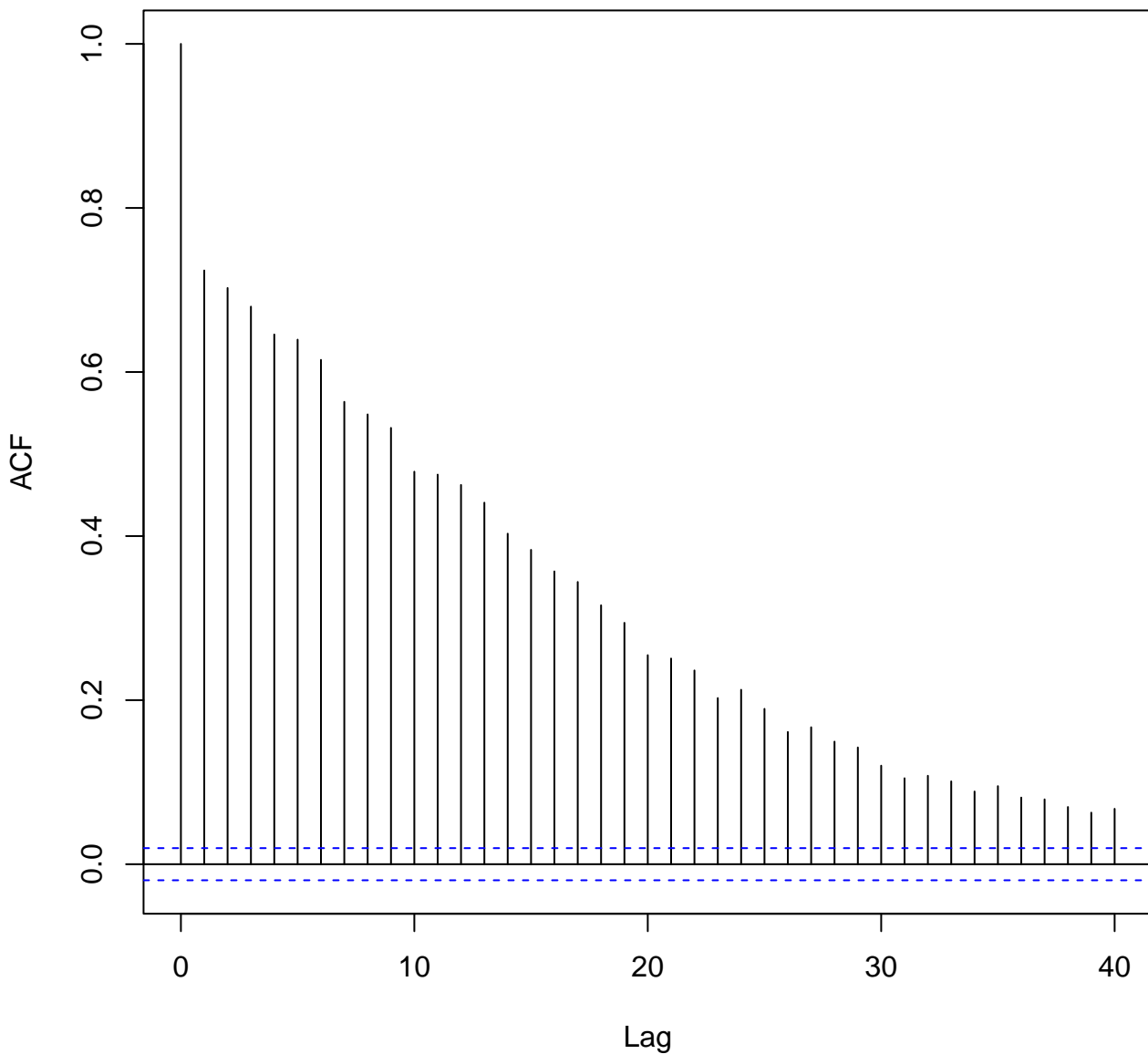
X_15 chain 3



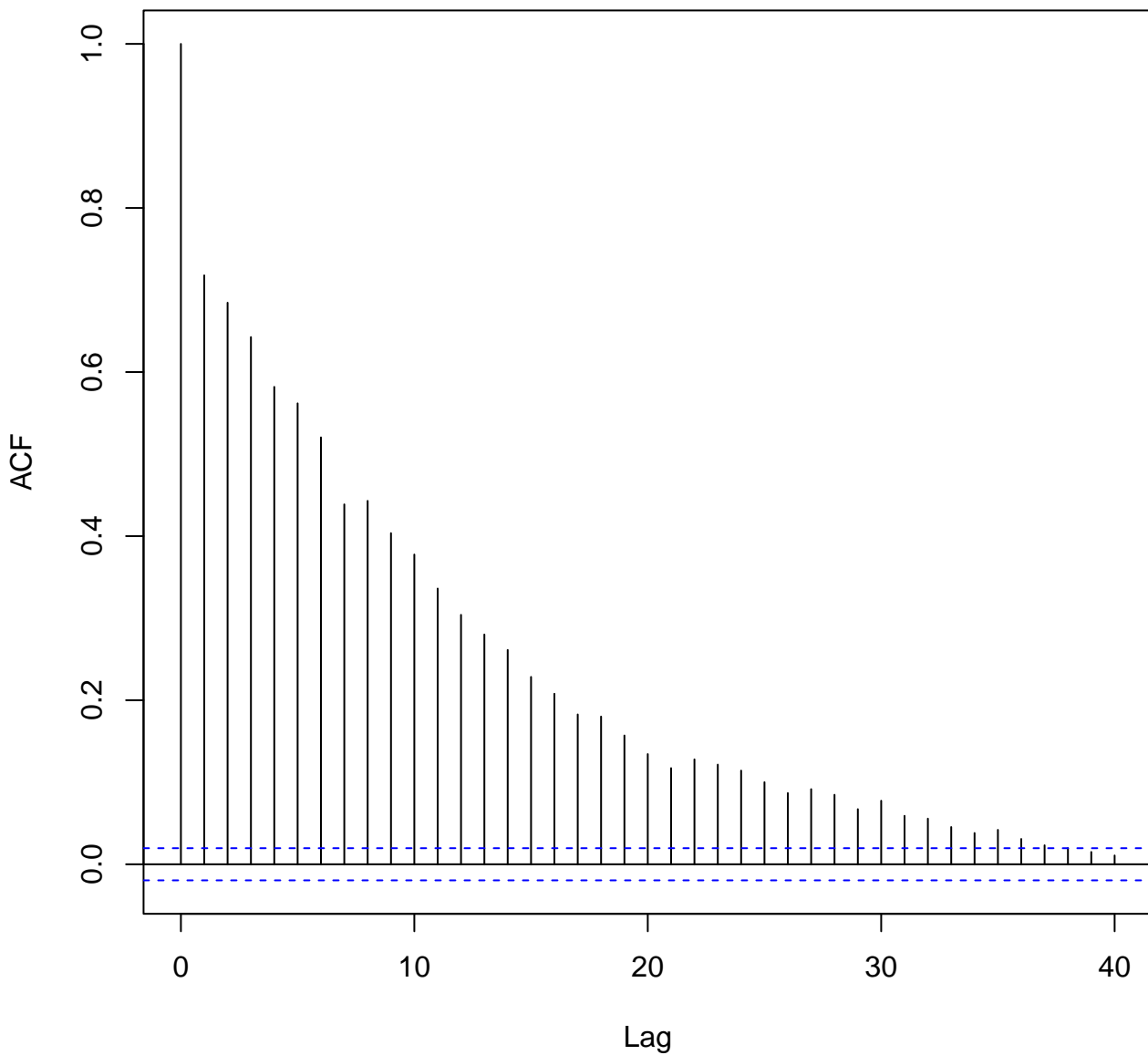
X_15 chain 4



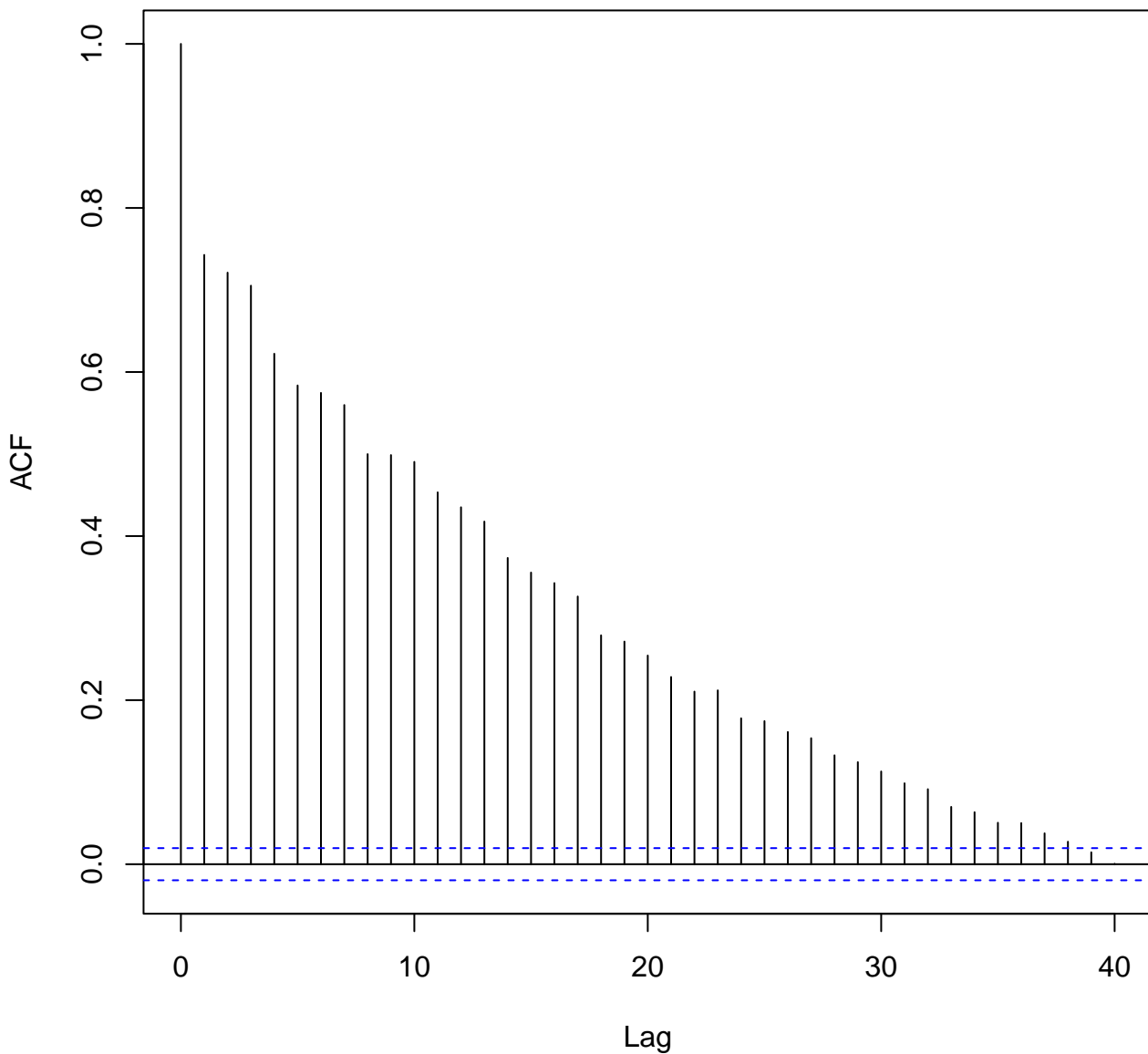
X_15 chain 5



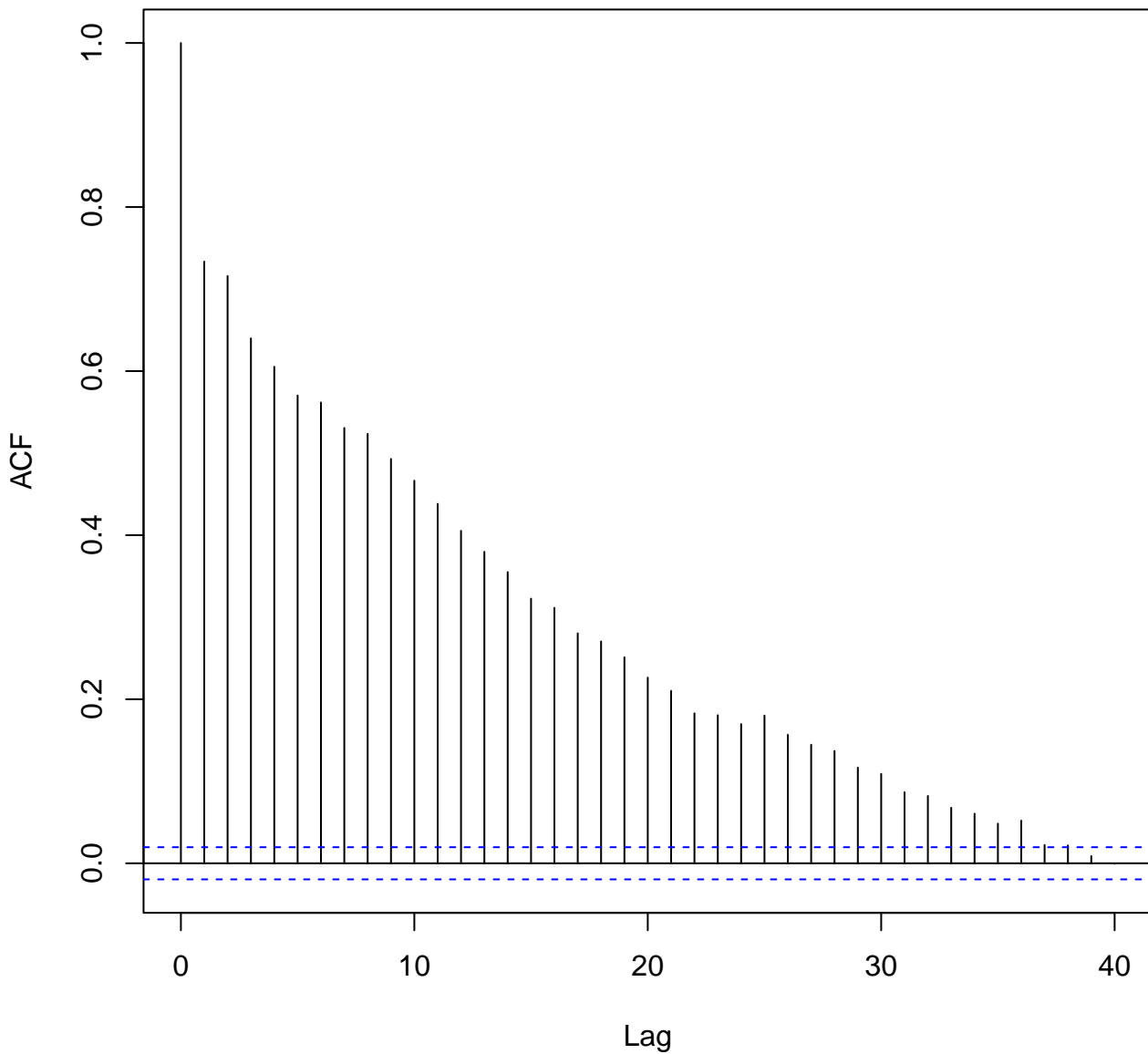
X_15 chain 6



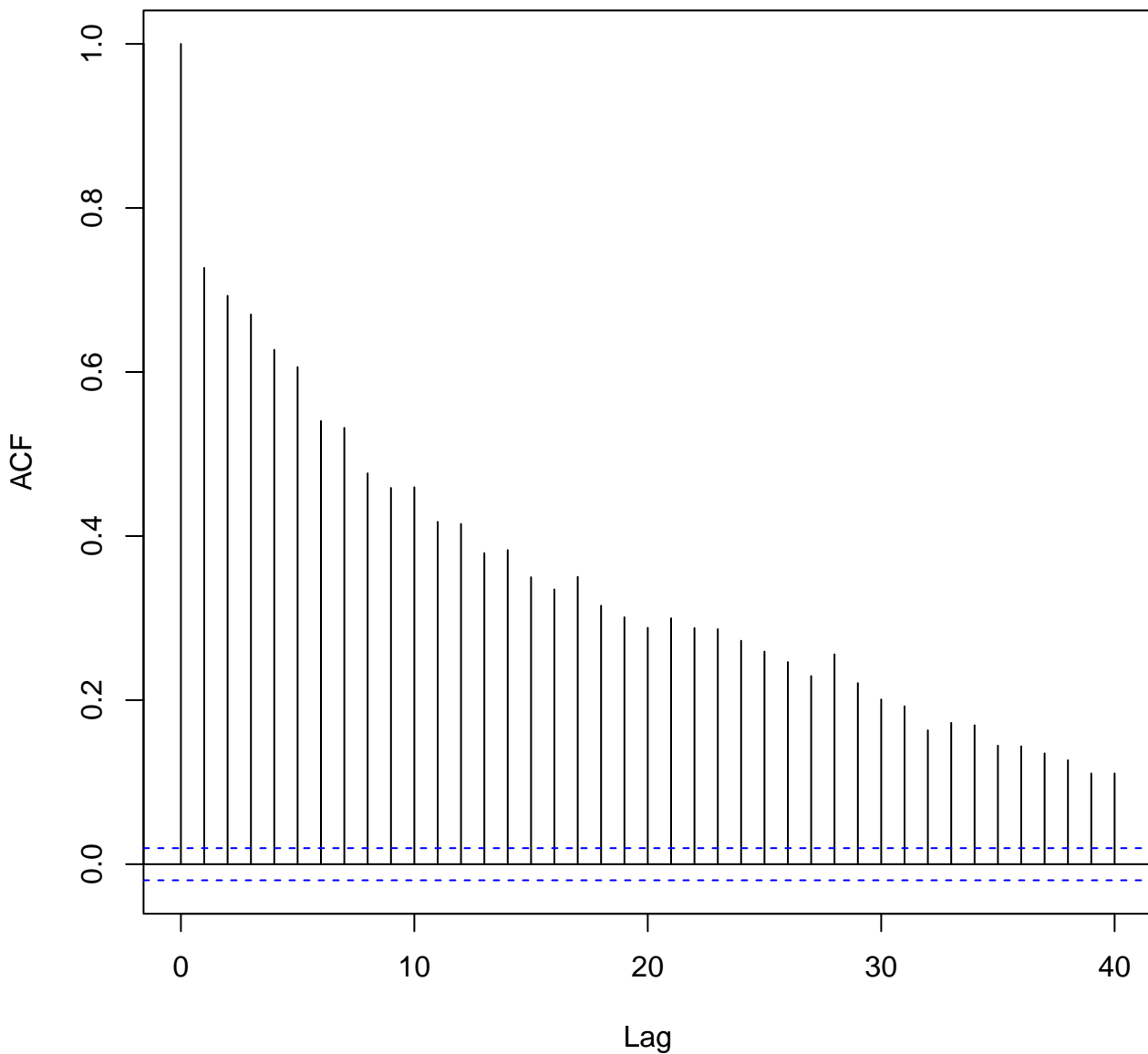
X_16 chain 1



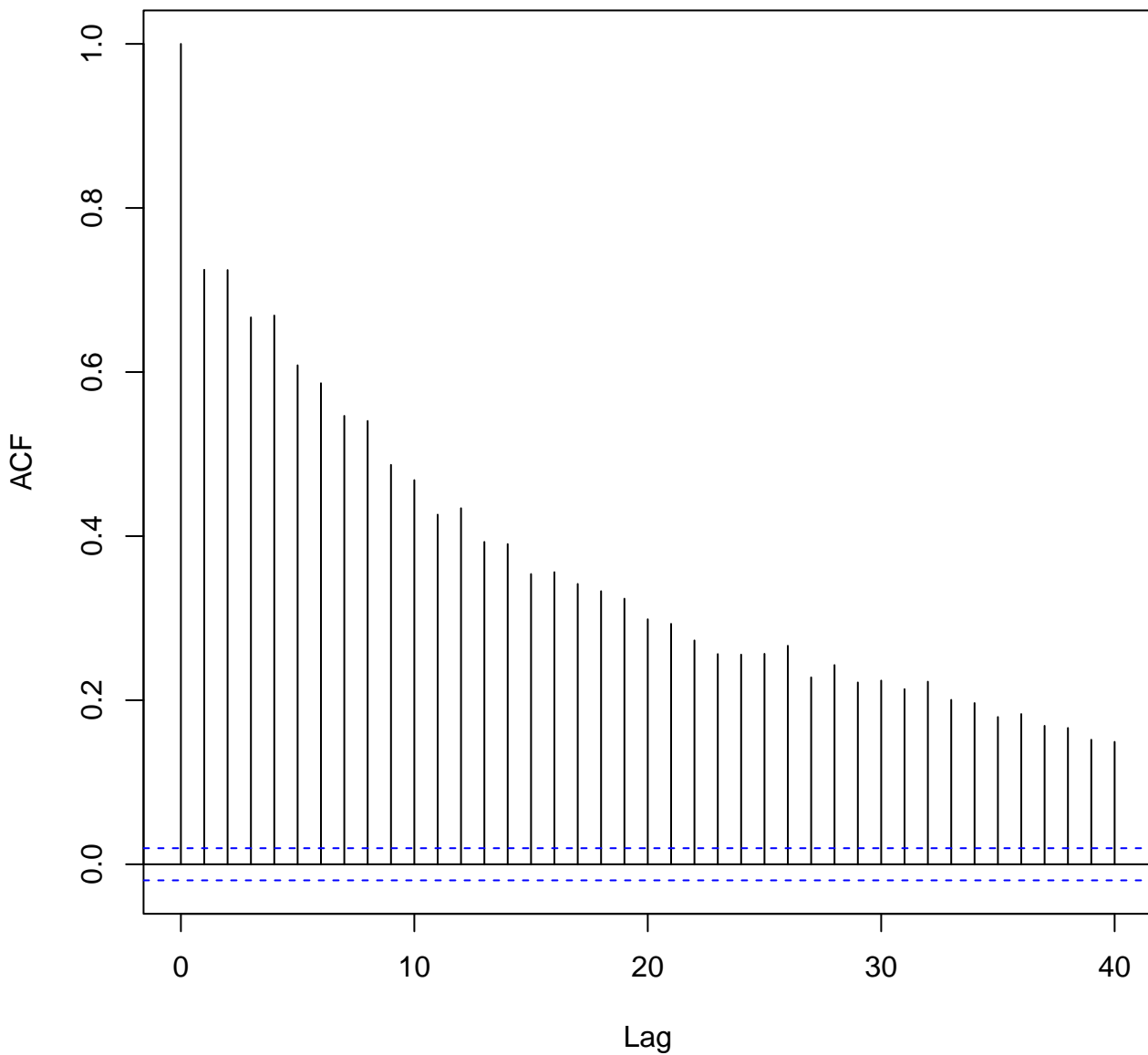
X_16 chain 2



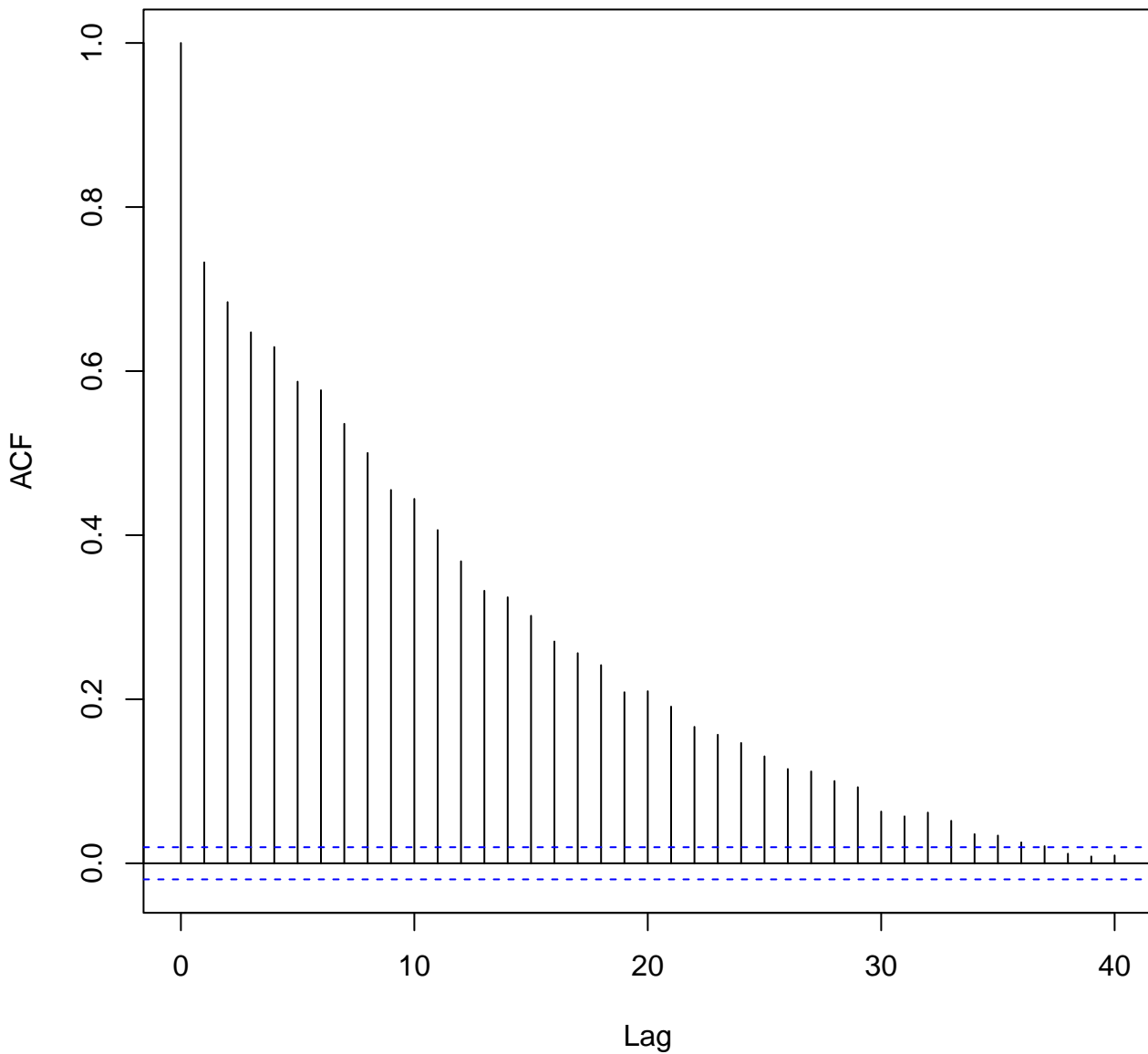
X_16 chain 3



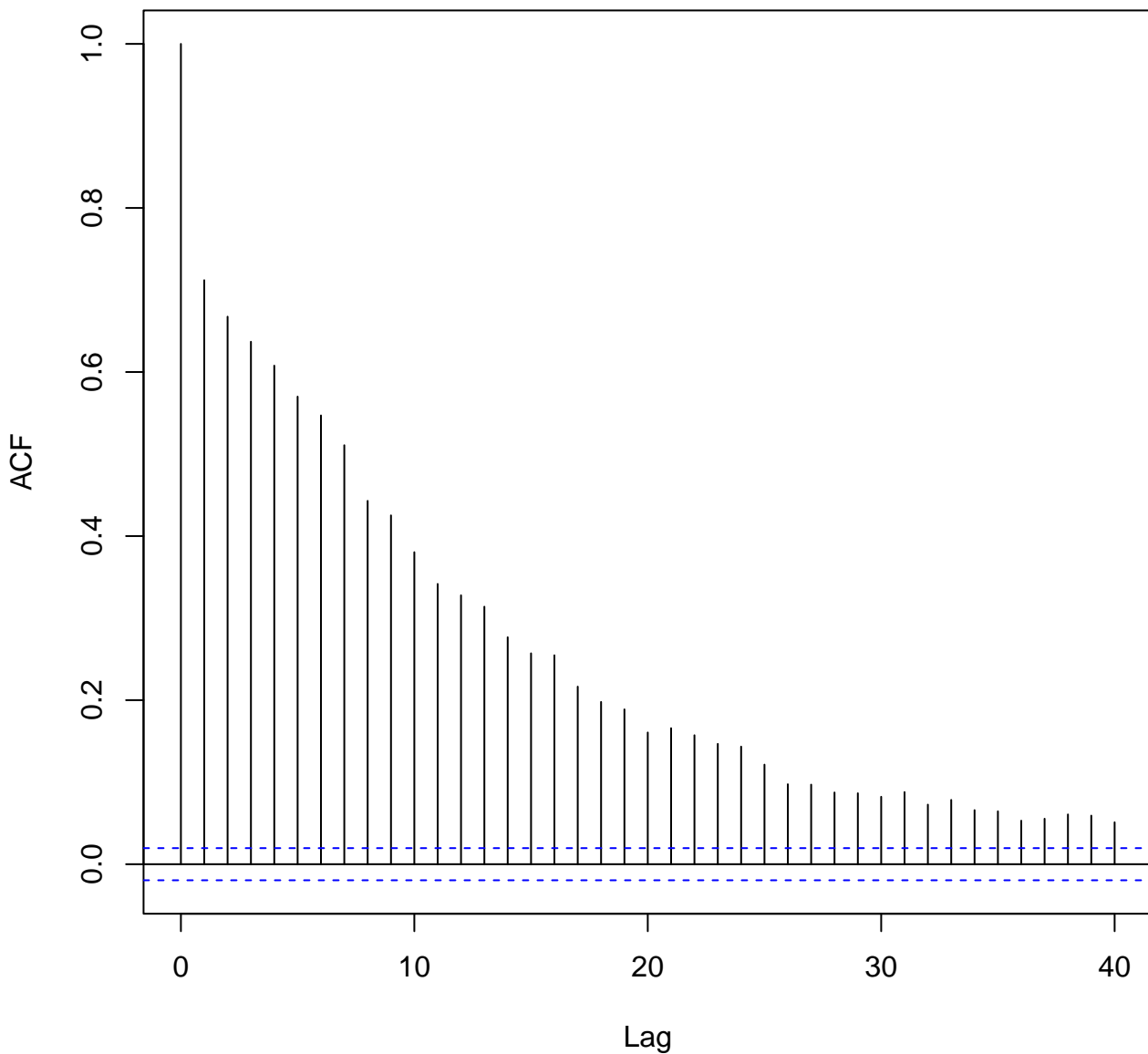
X_16 chain 4



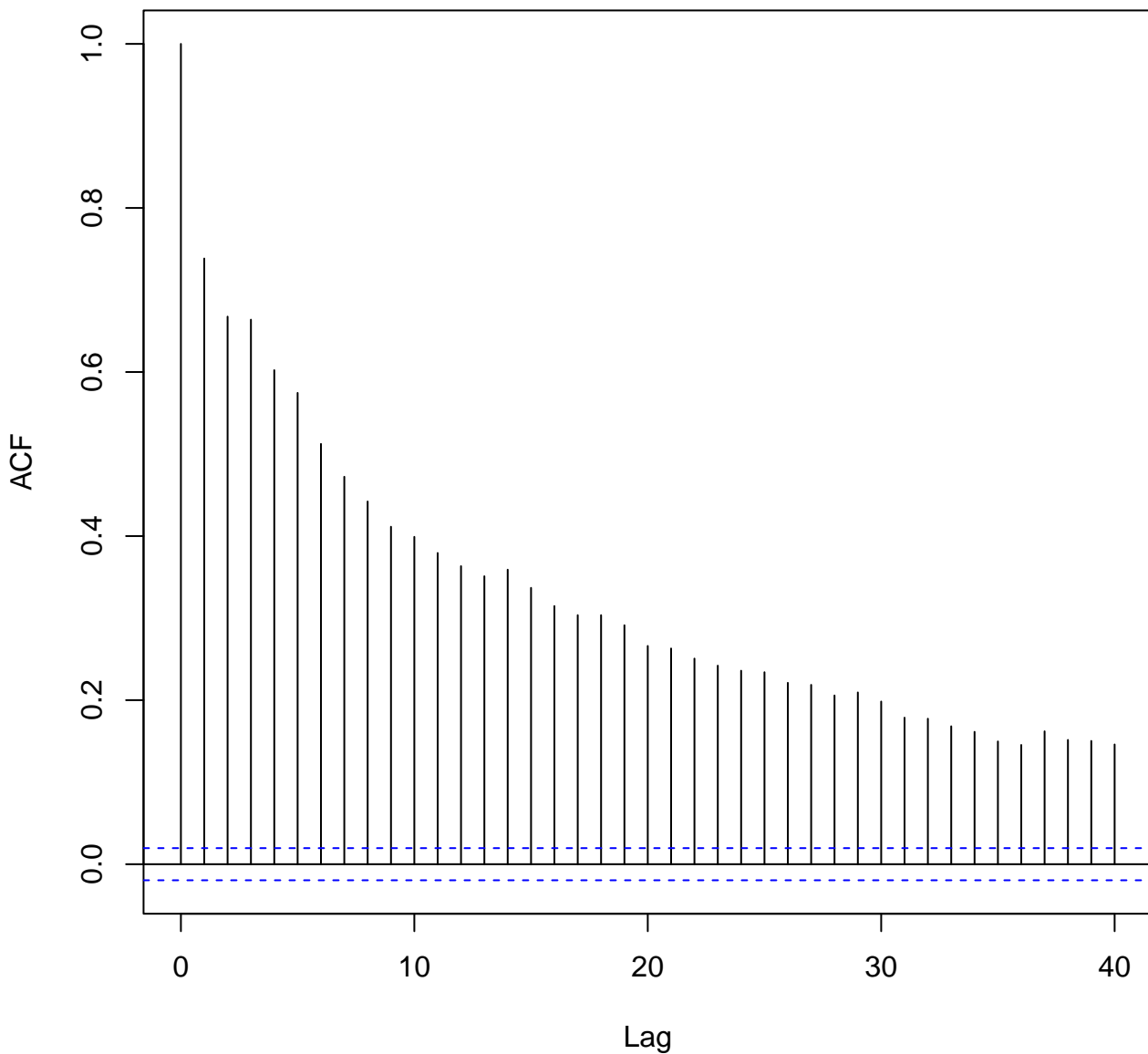
X_16 chain 5



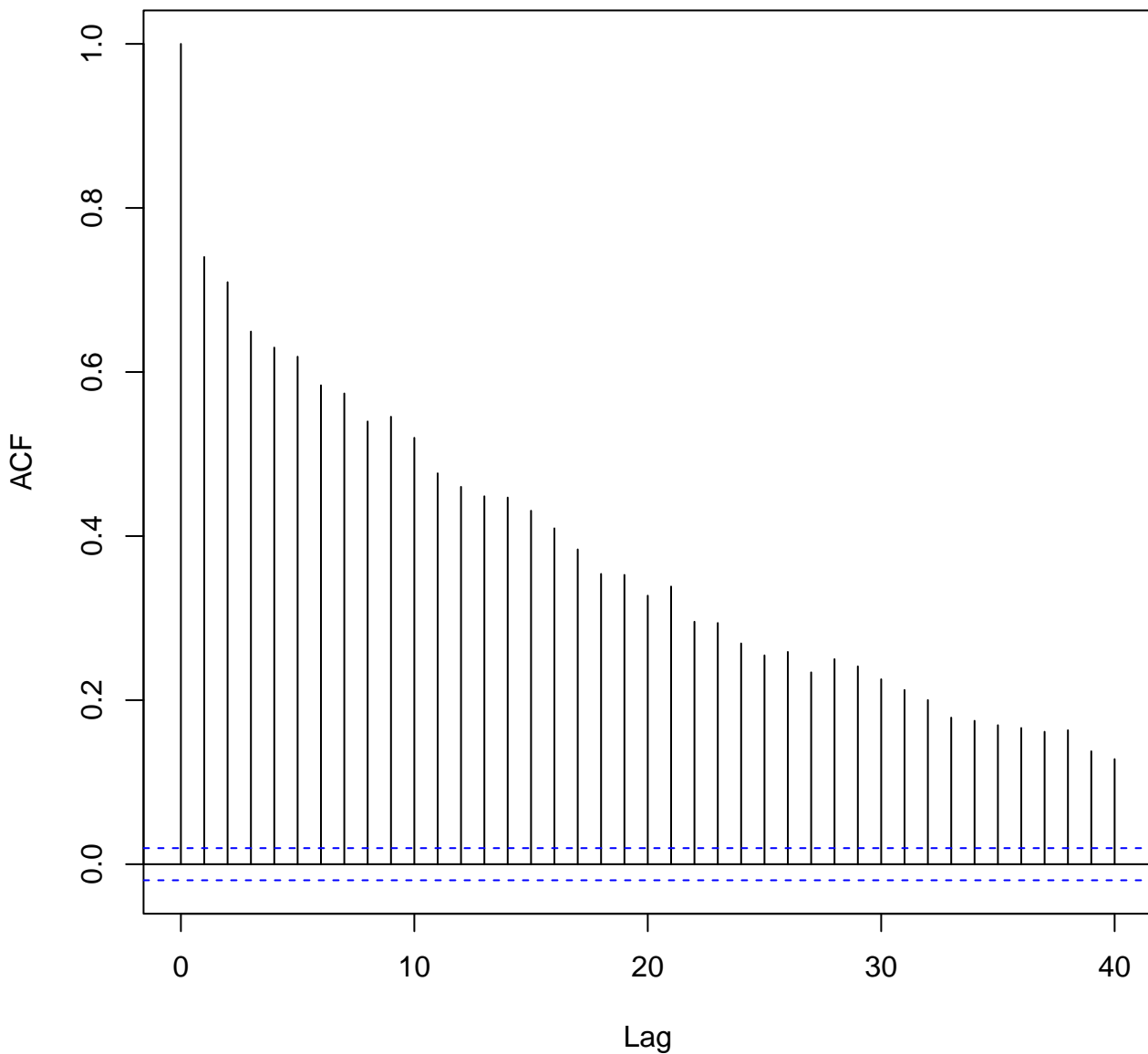
X_16 chain 6



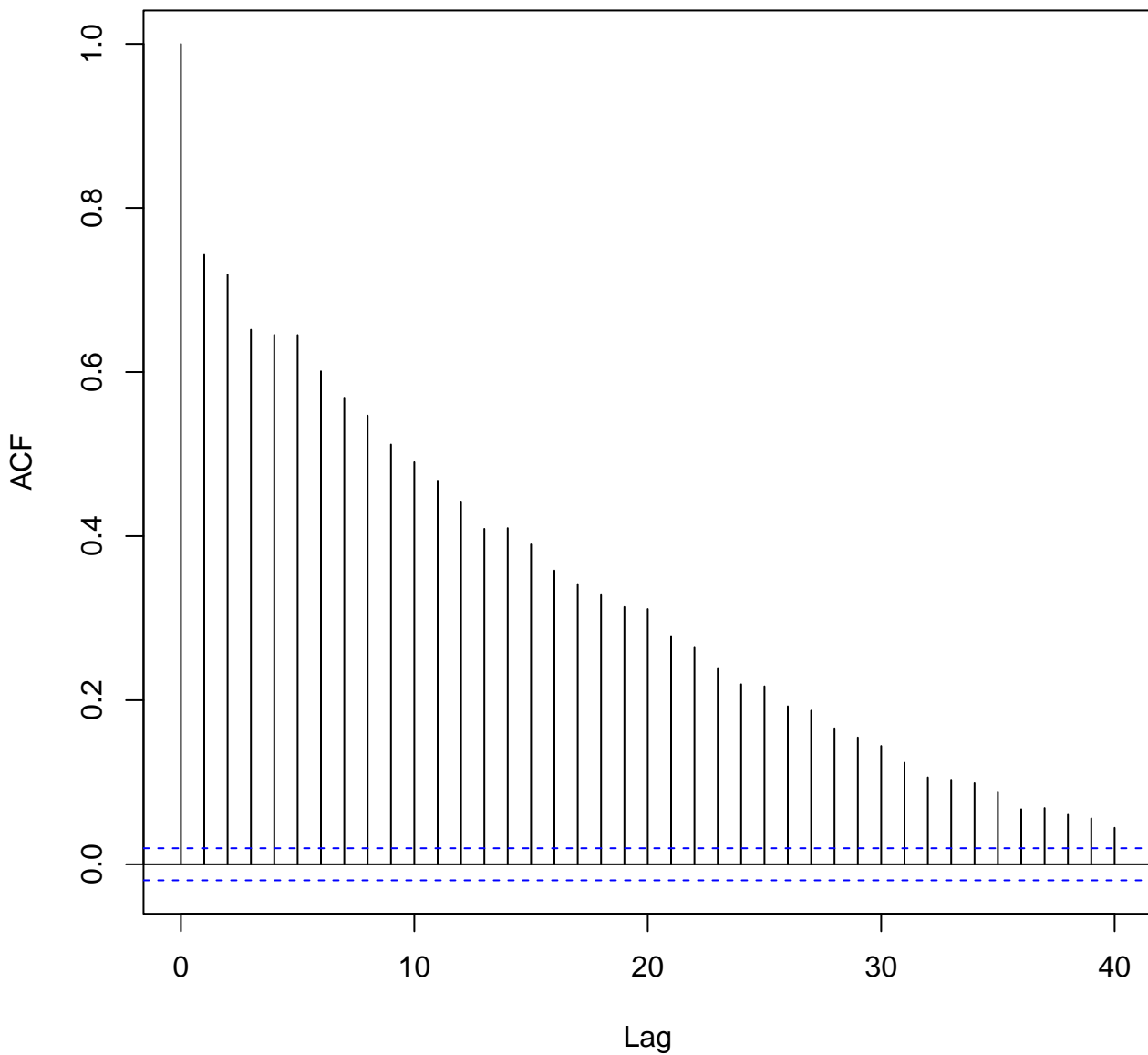
X_17 chain 1



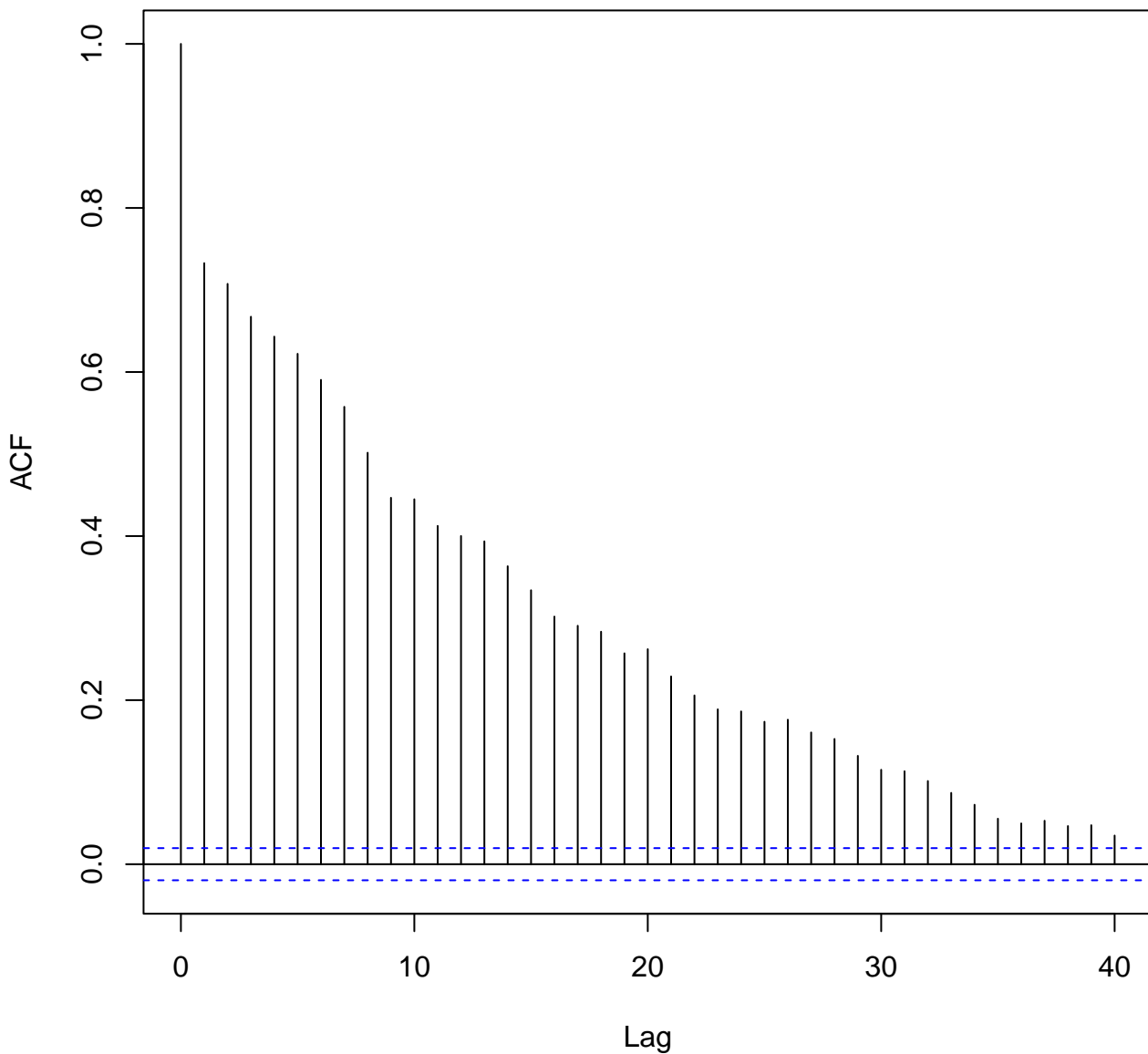
X_17 chain 2



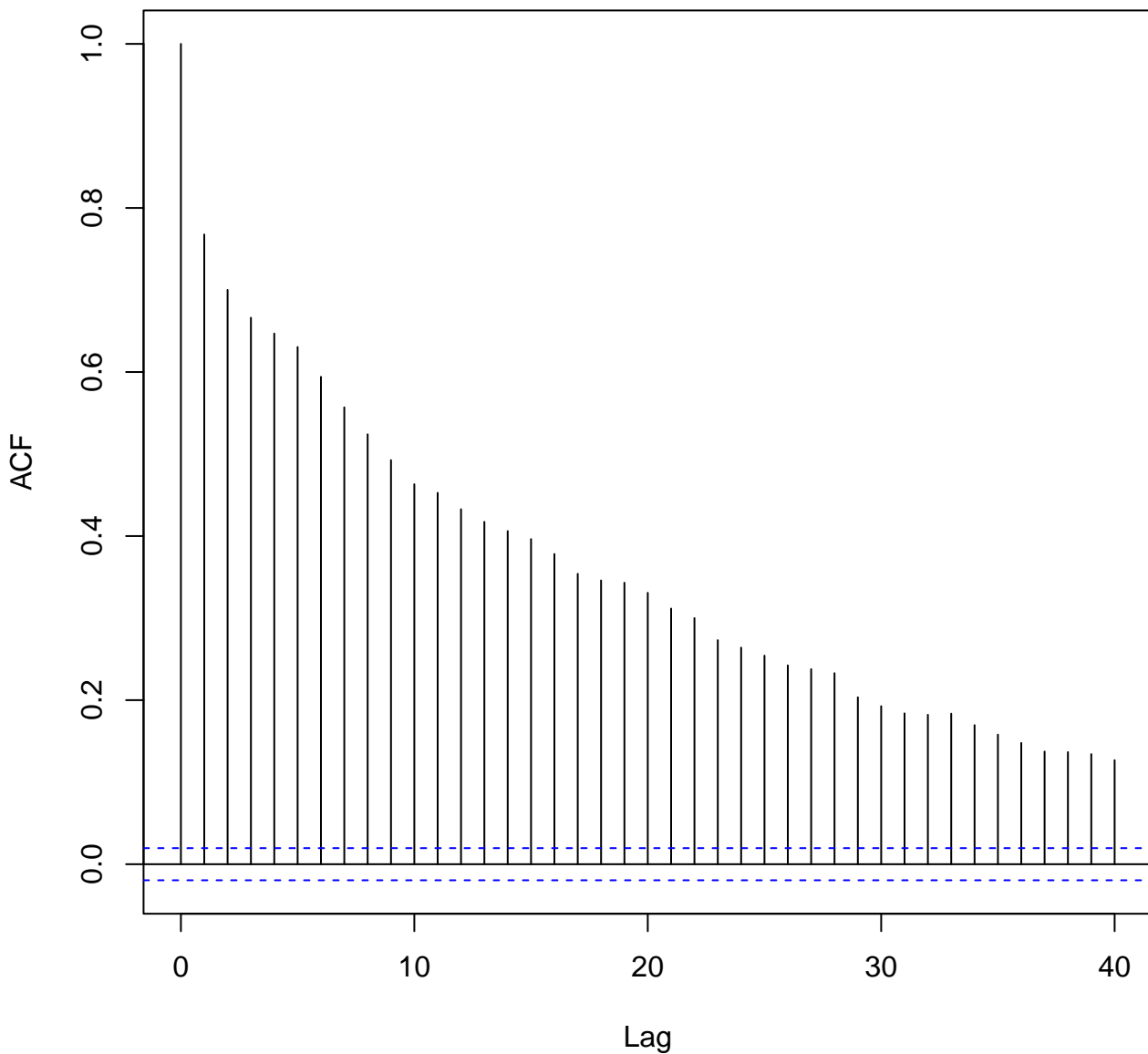
X_17 chain 3



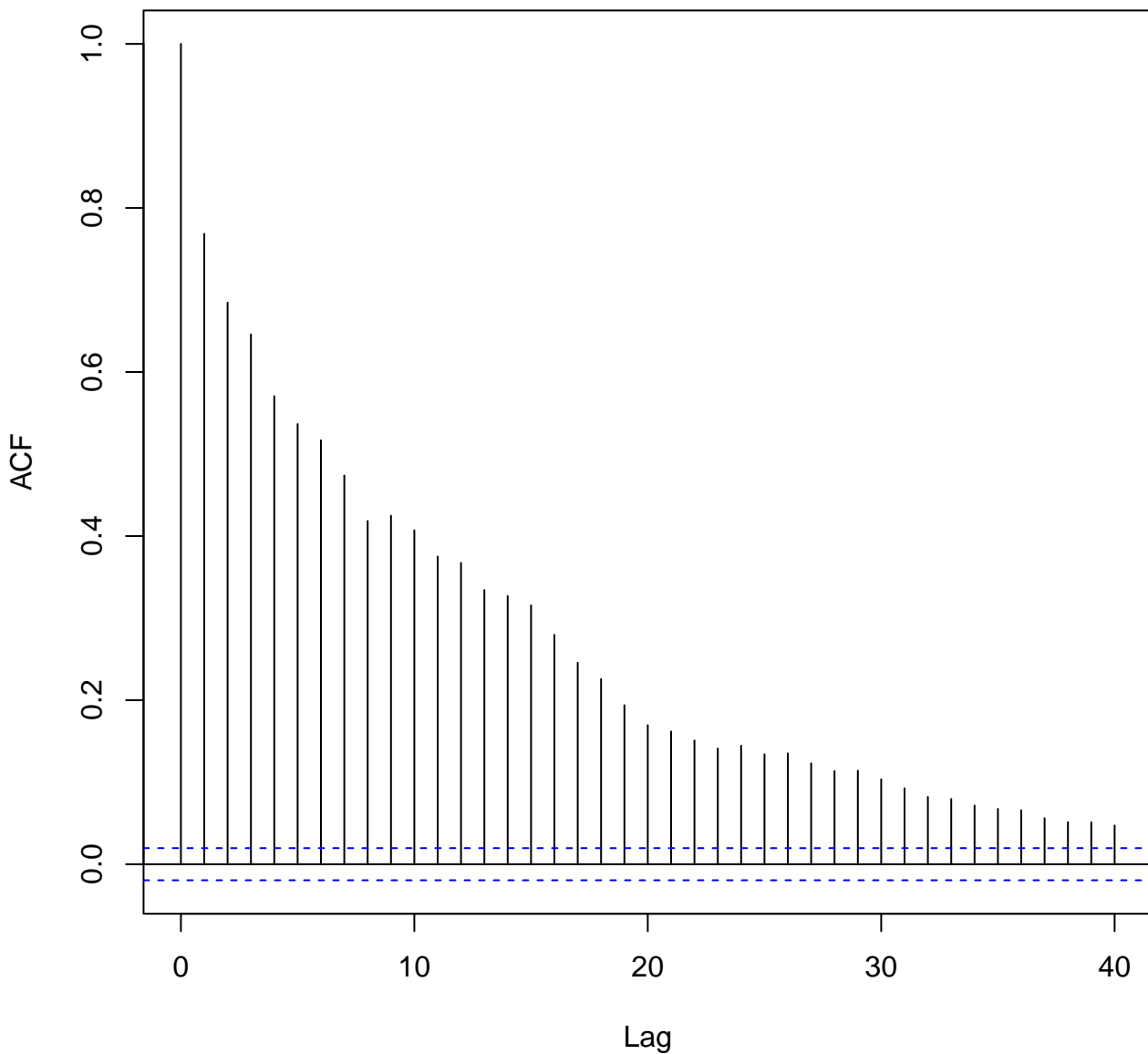
X_17 chain 4



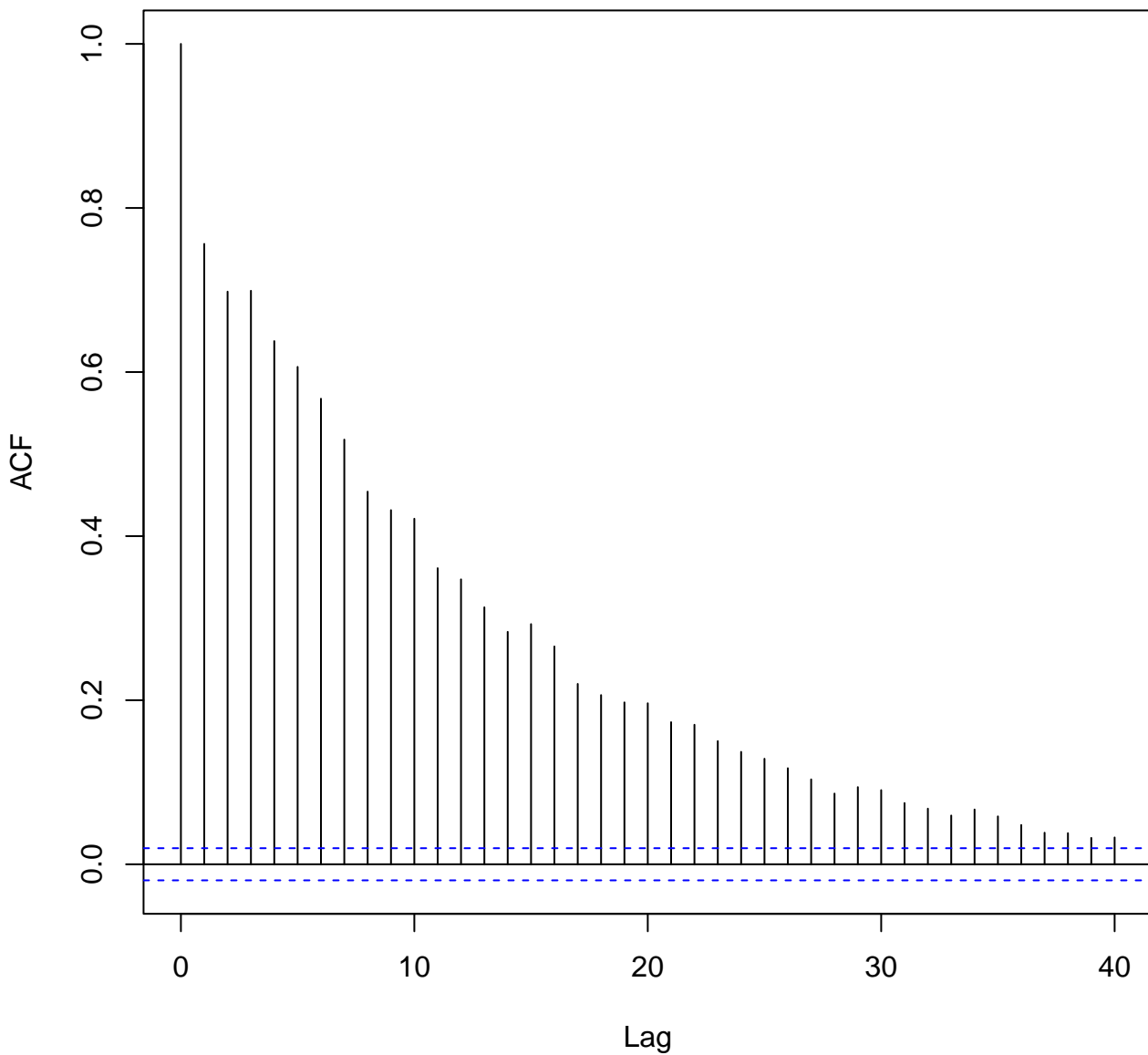
X_17 chain 5



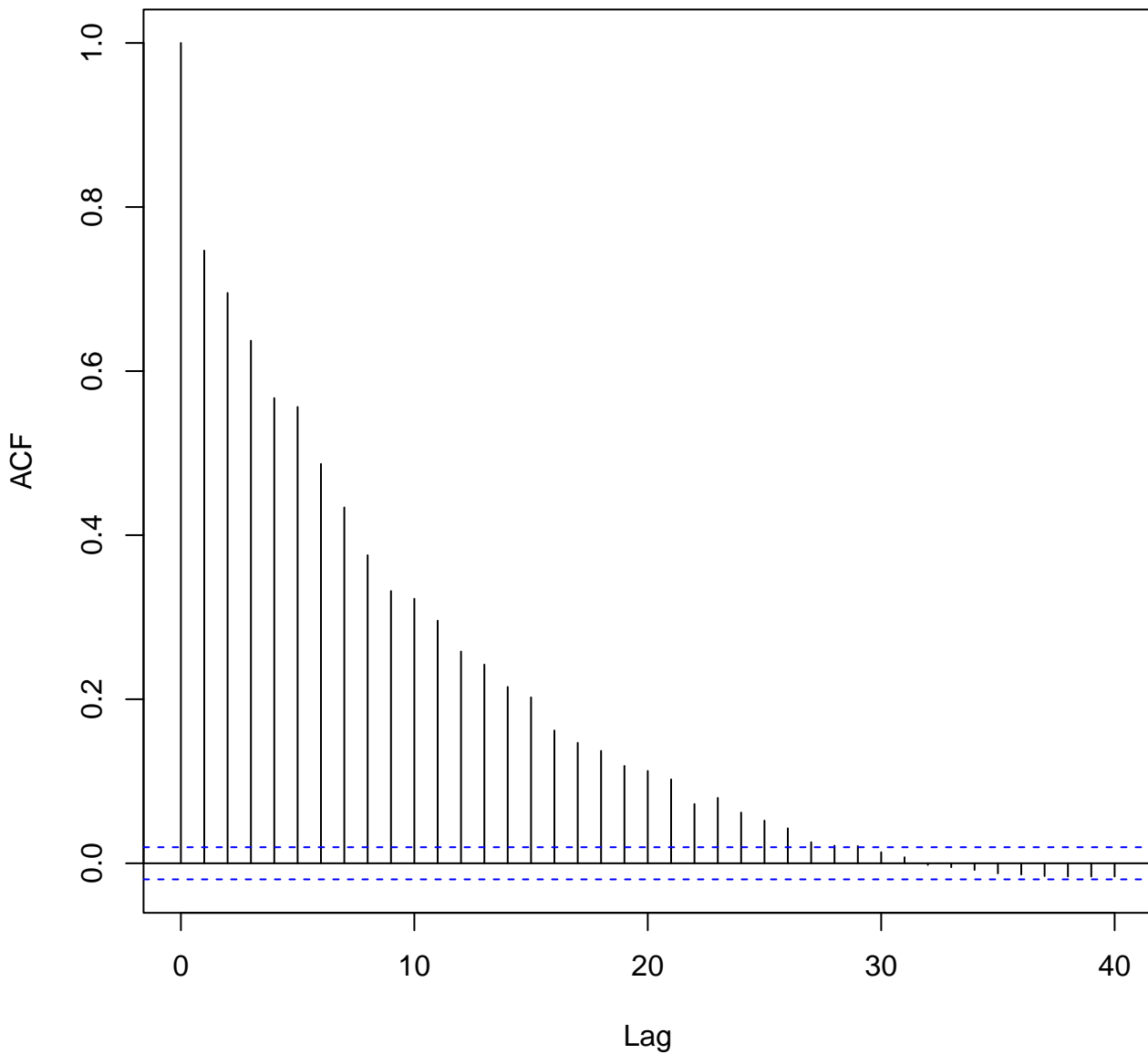
X_17 chain 6



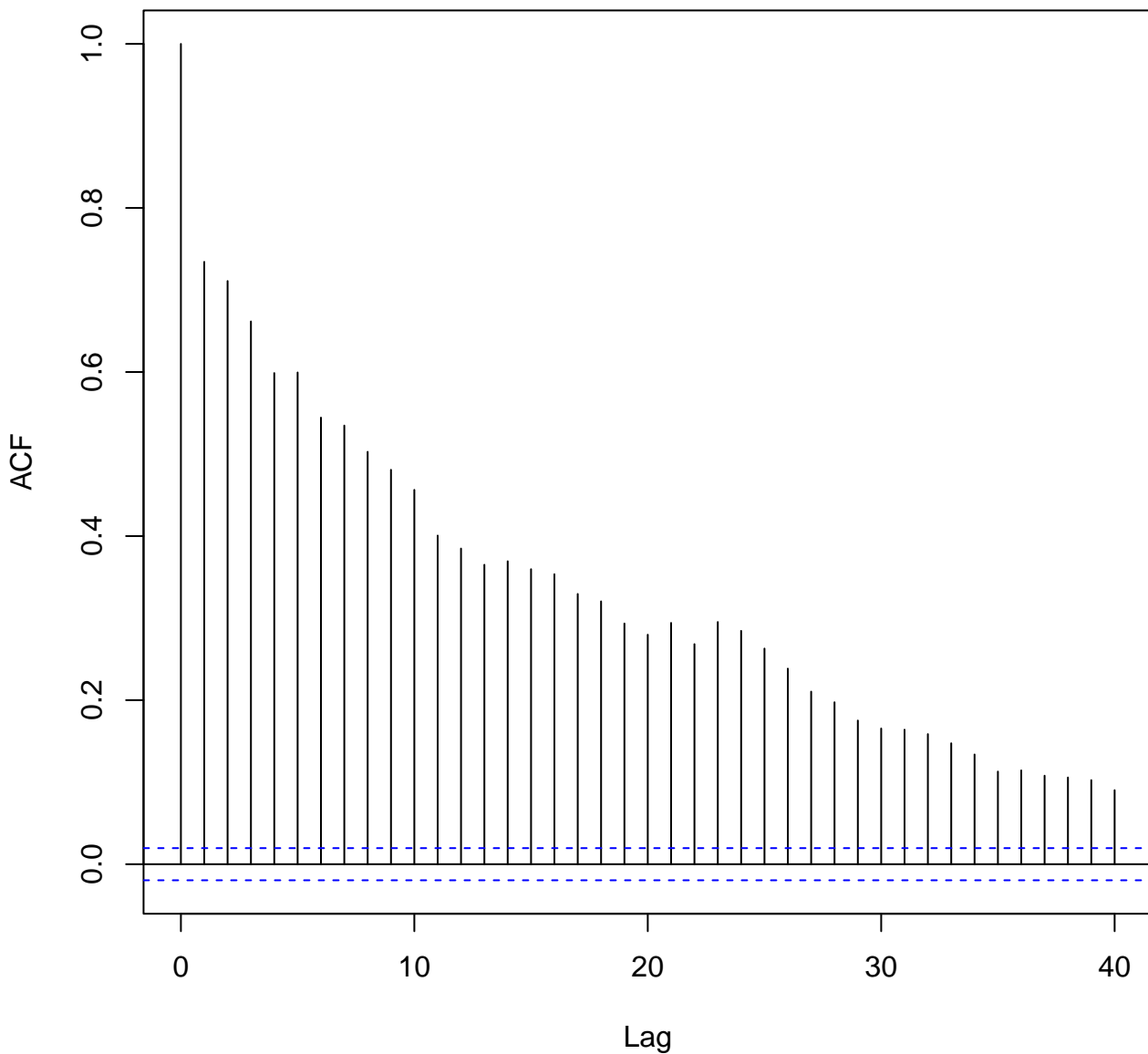
X_18 chain 1



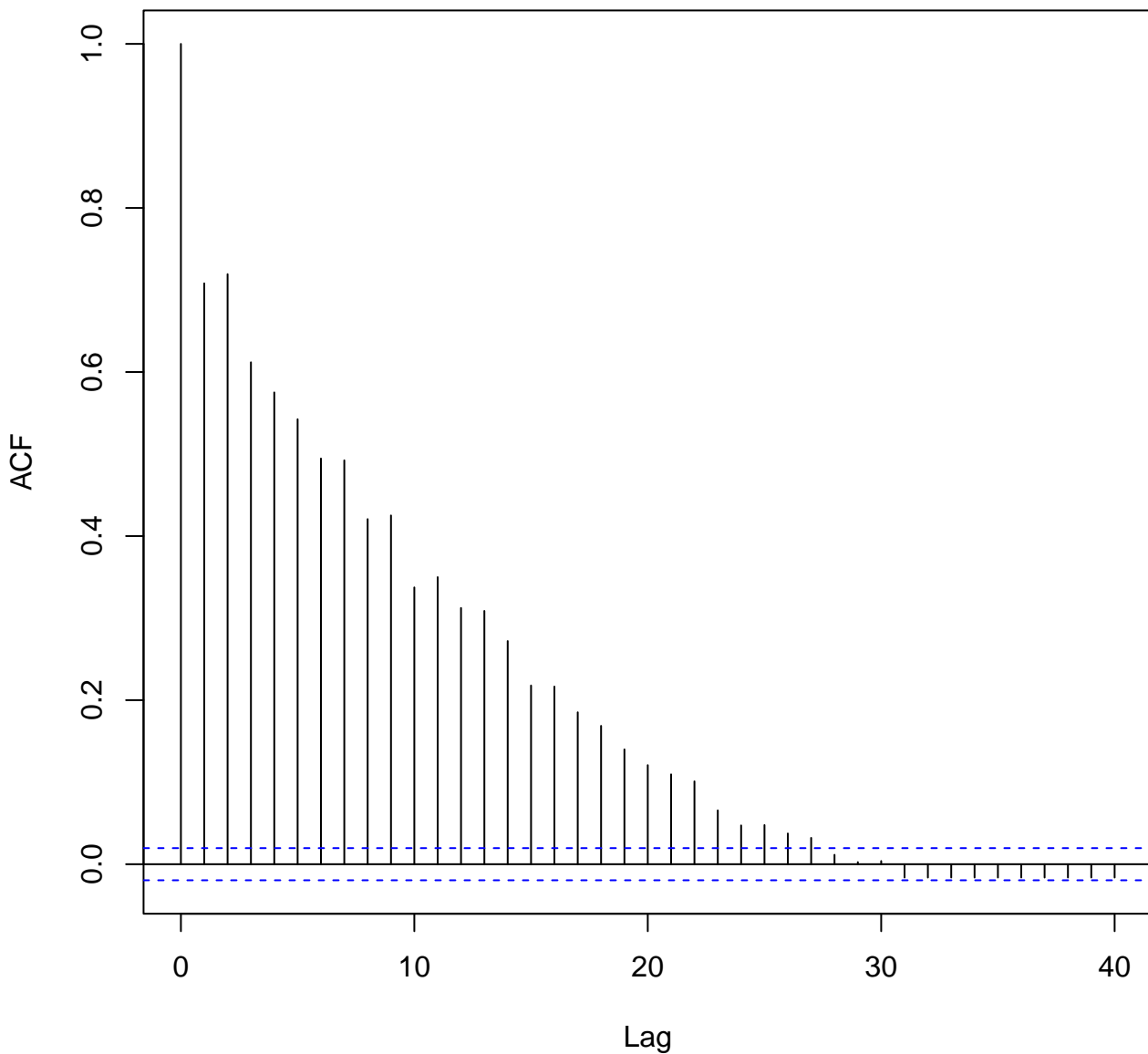
X_18 chain 2



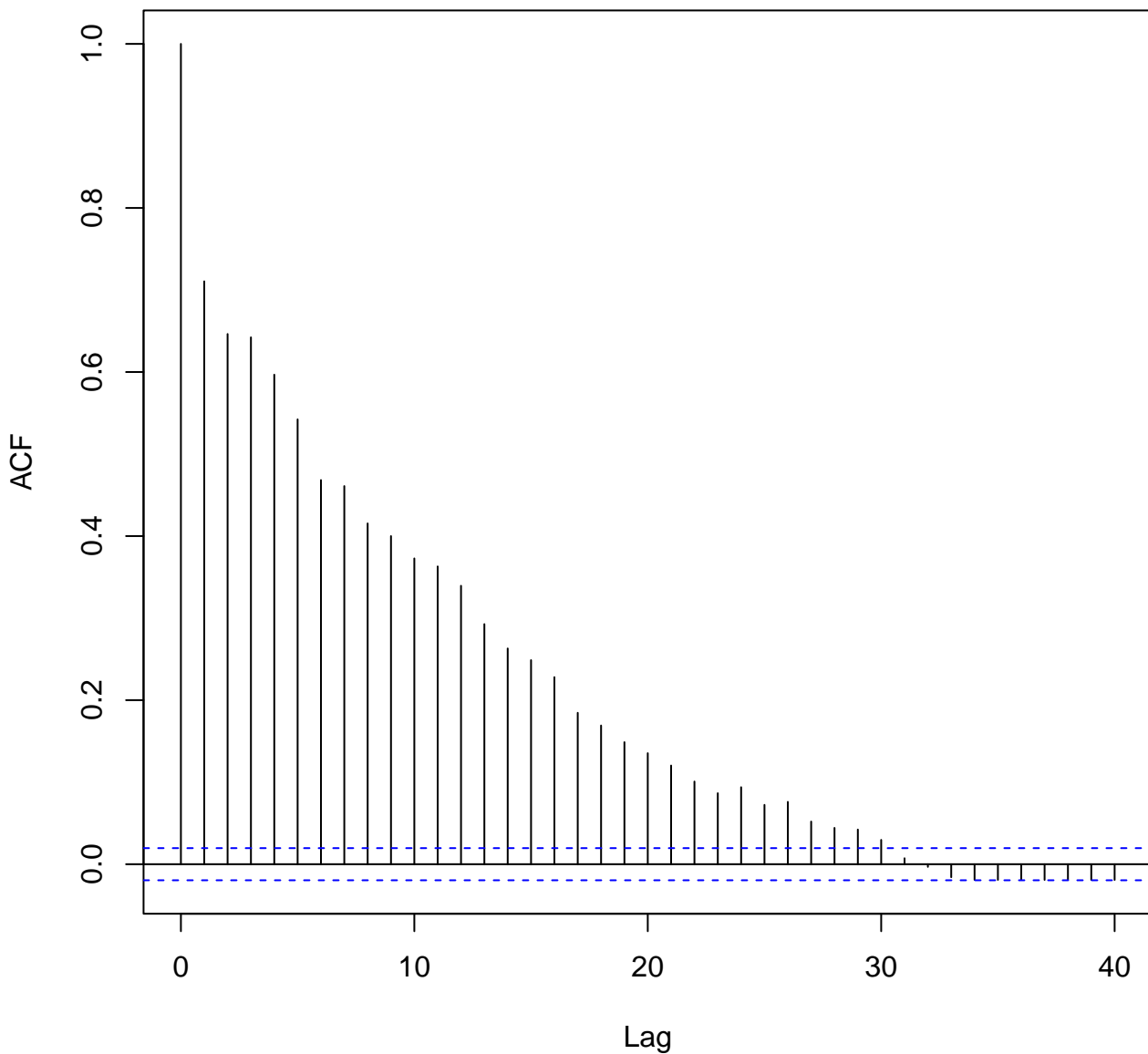
X_18 chain 3



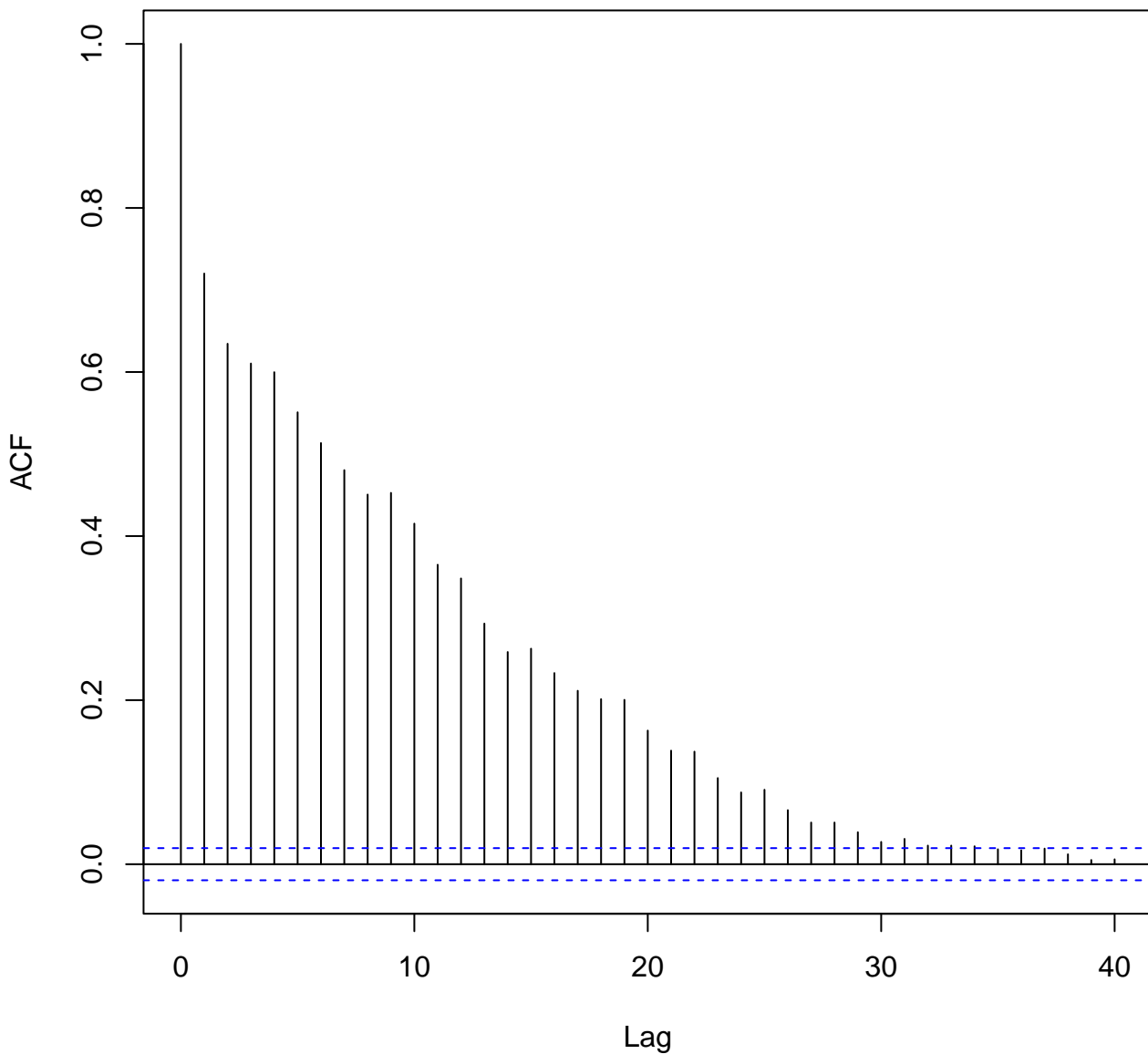
X_18 chain 4



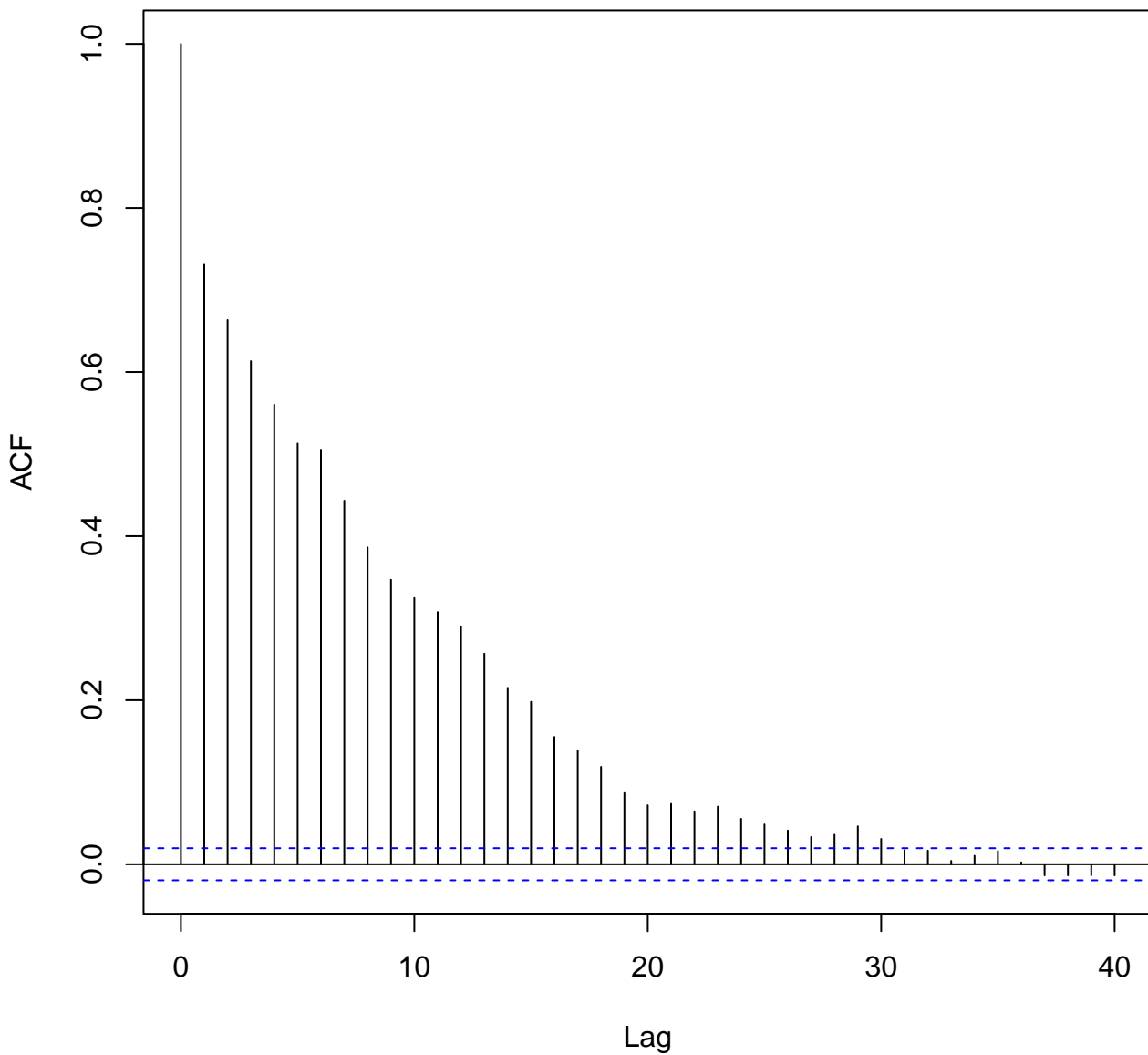
X_18 chain 5



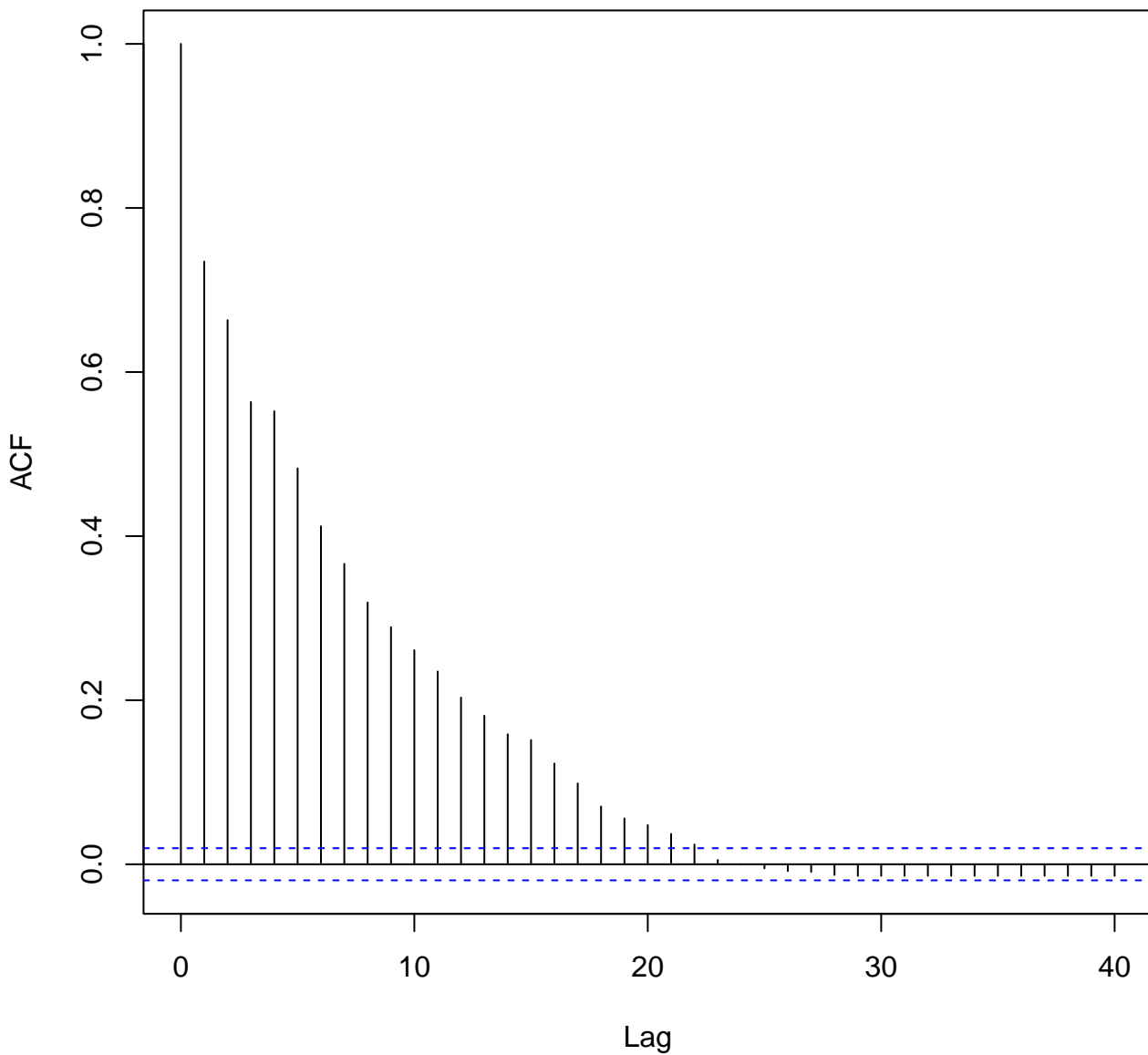
X_18 chain 6



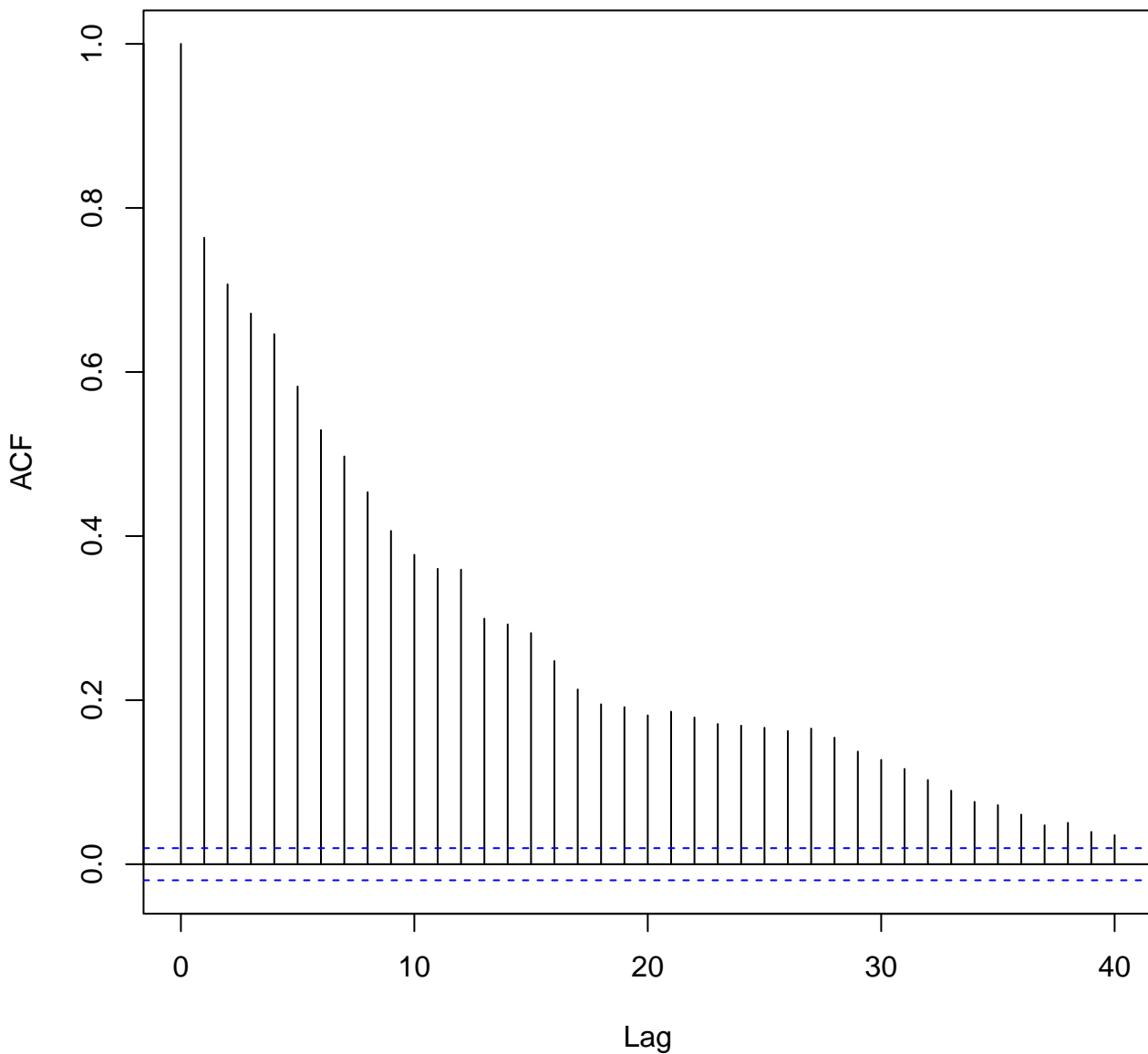
X_19 chain 1



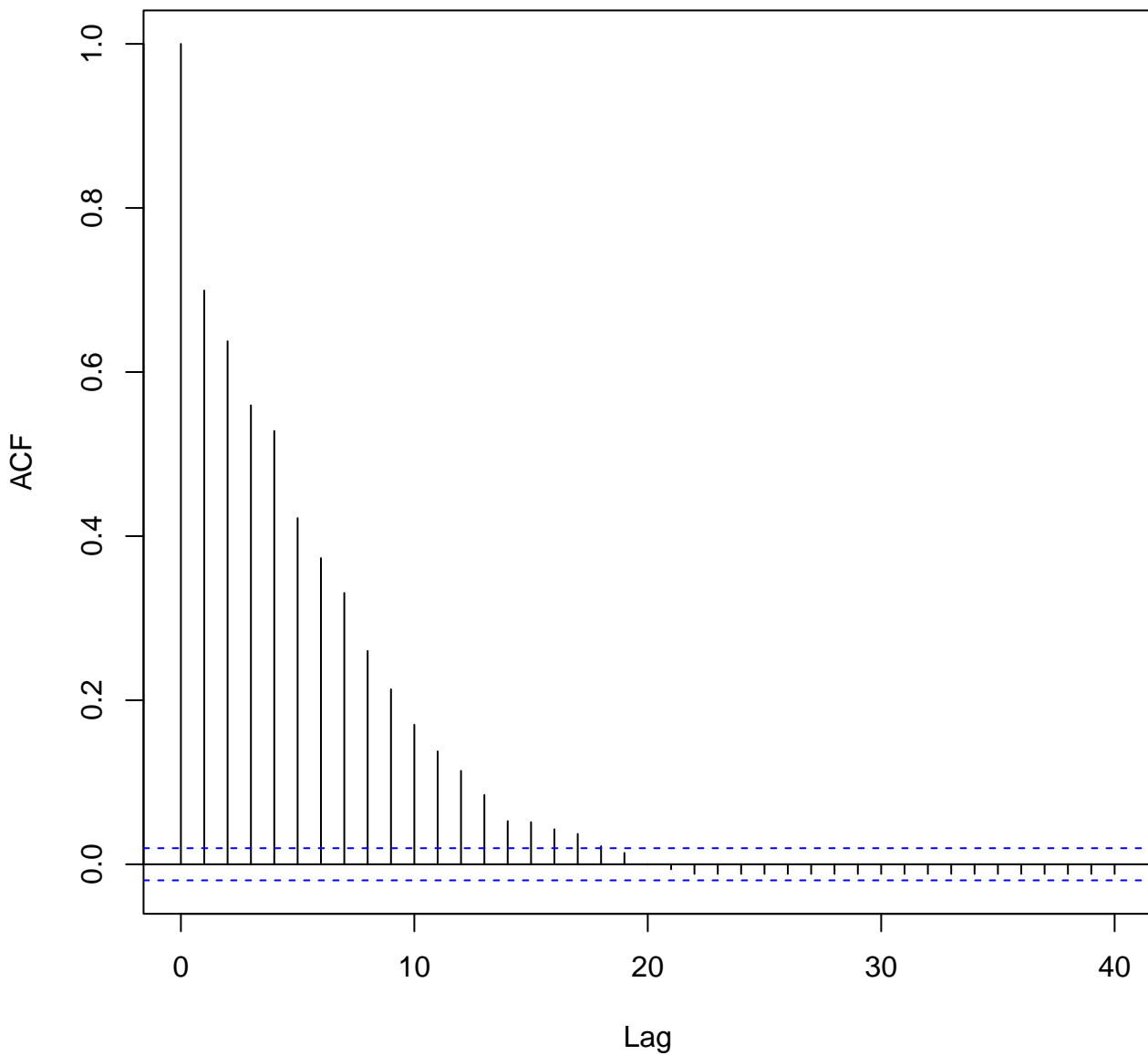
X_19 chain 2



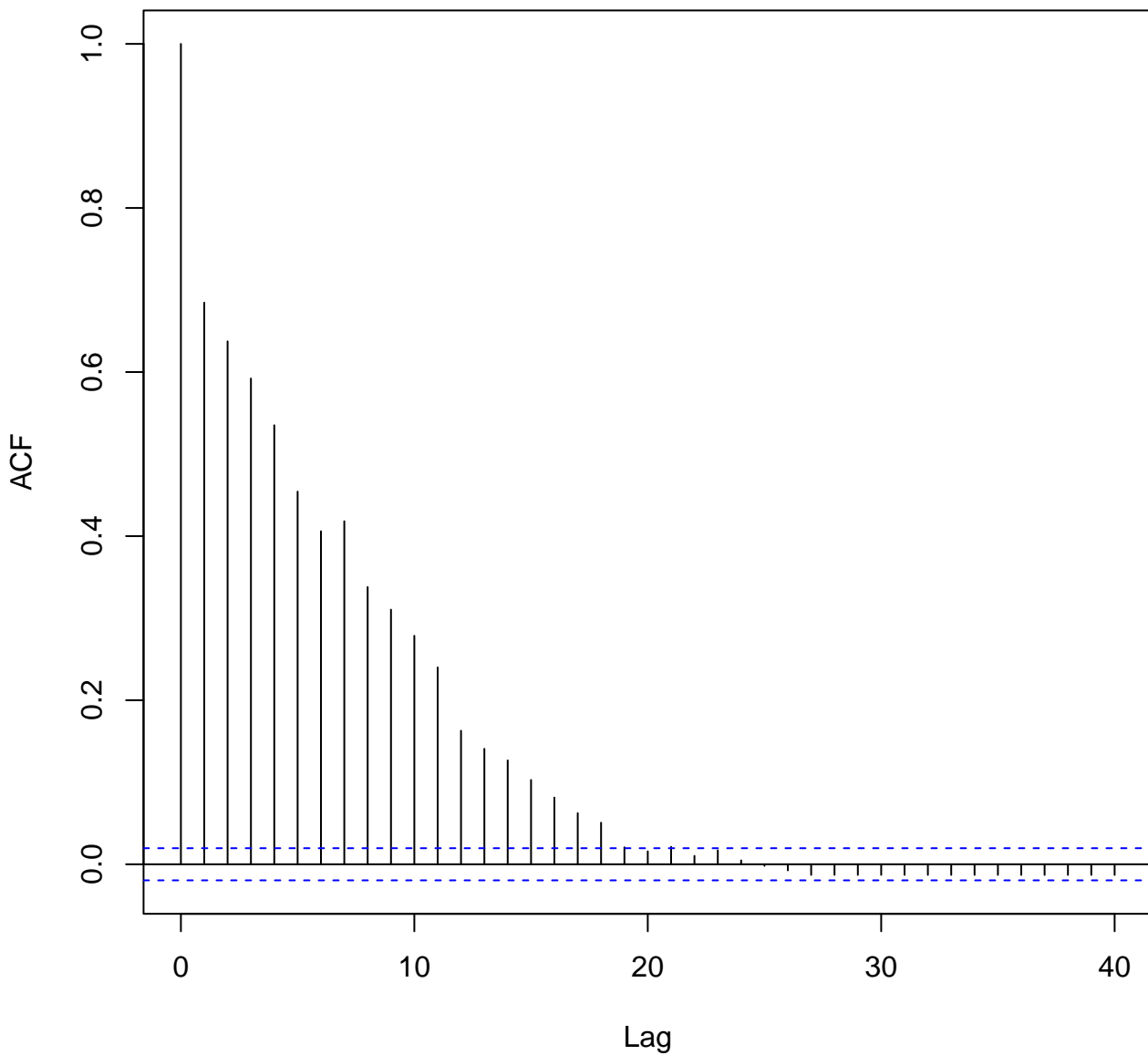
X_19 chain 3



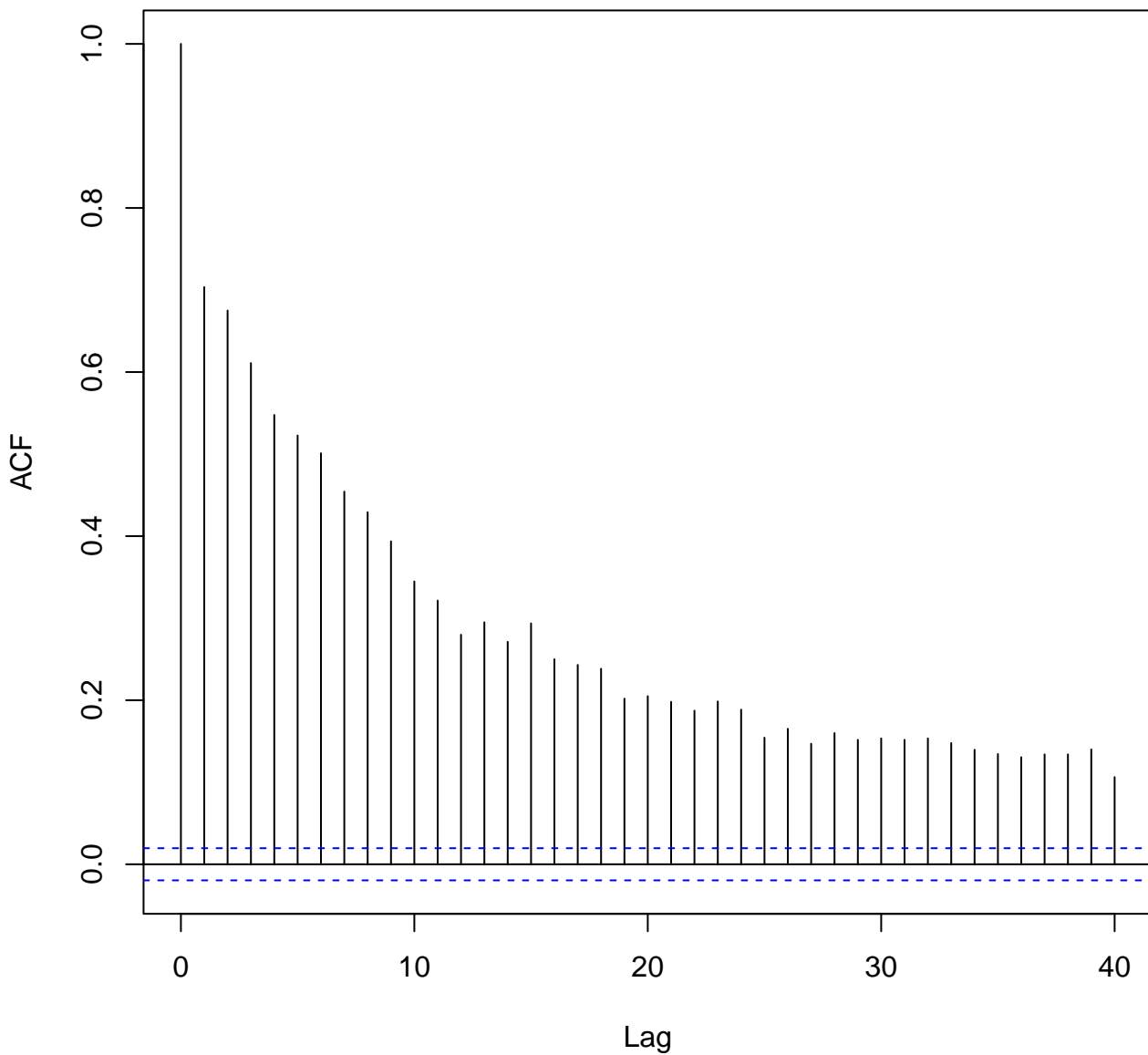
X_19 chain 4



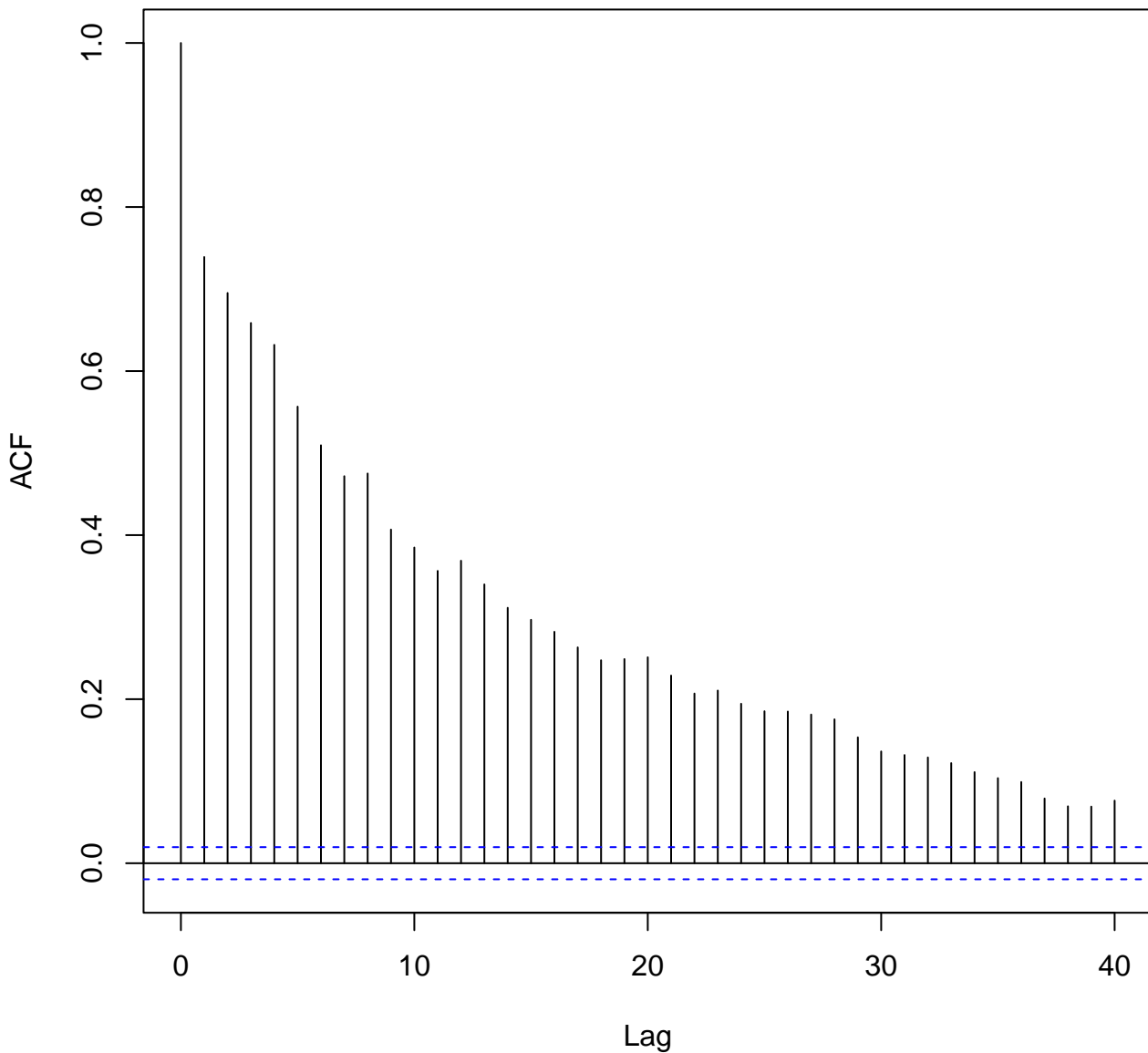
X_19 chain 5



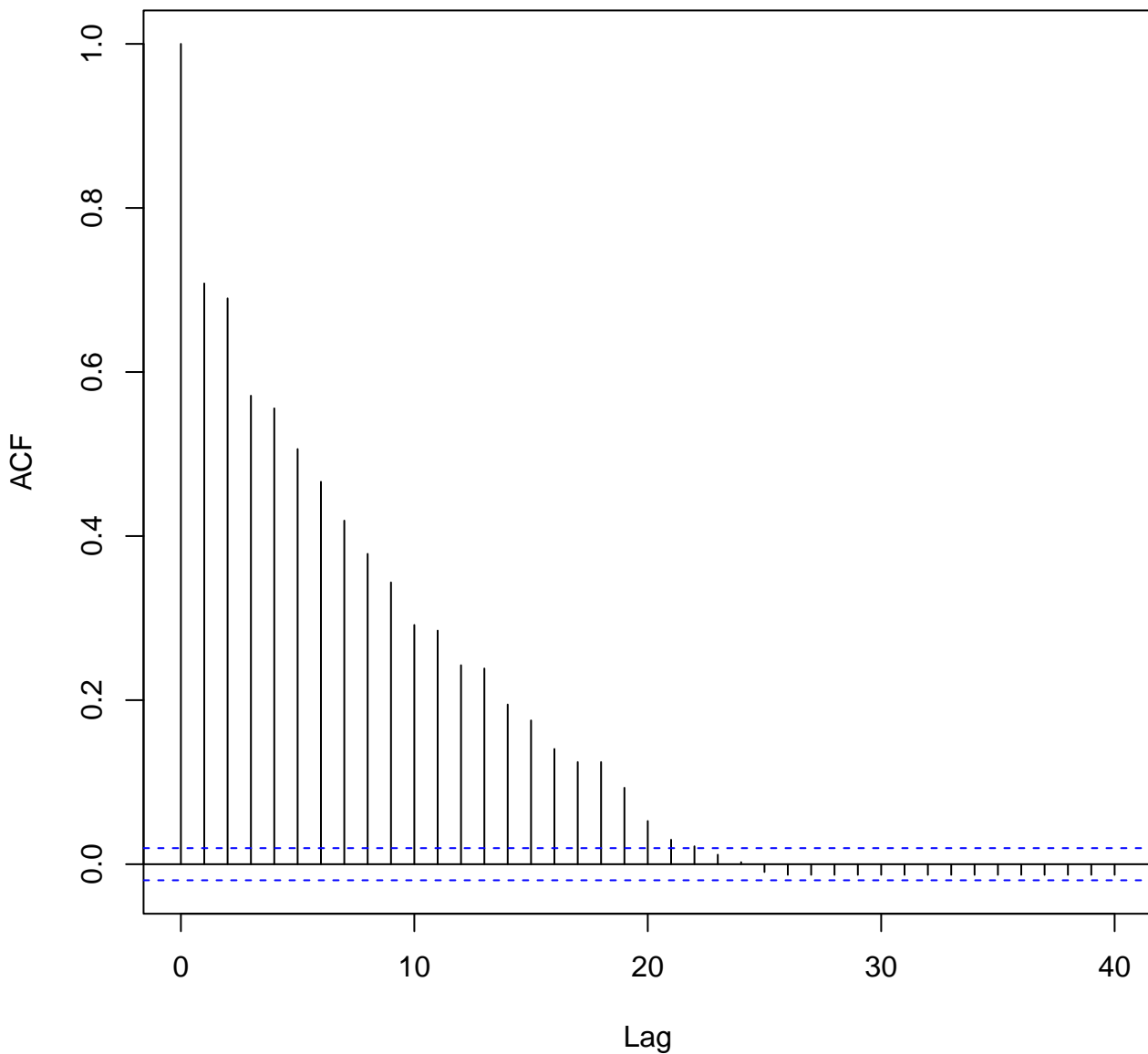
X_19 chain 6



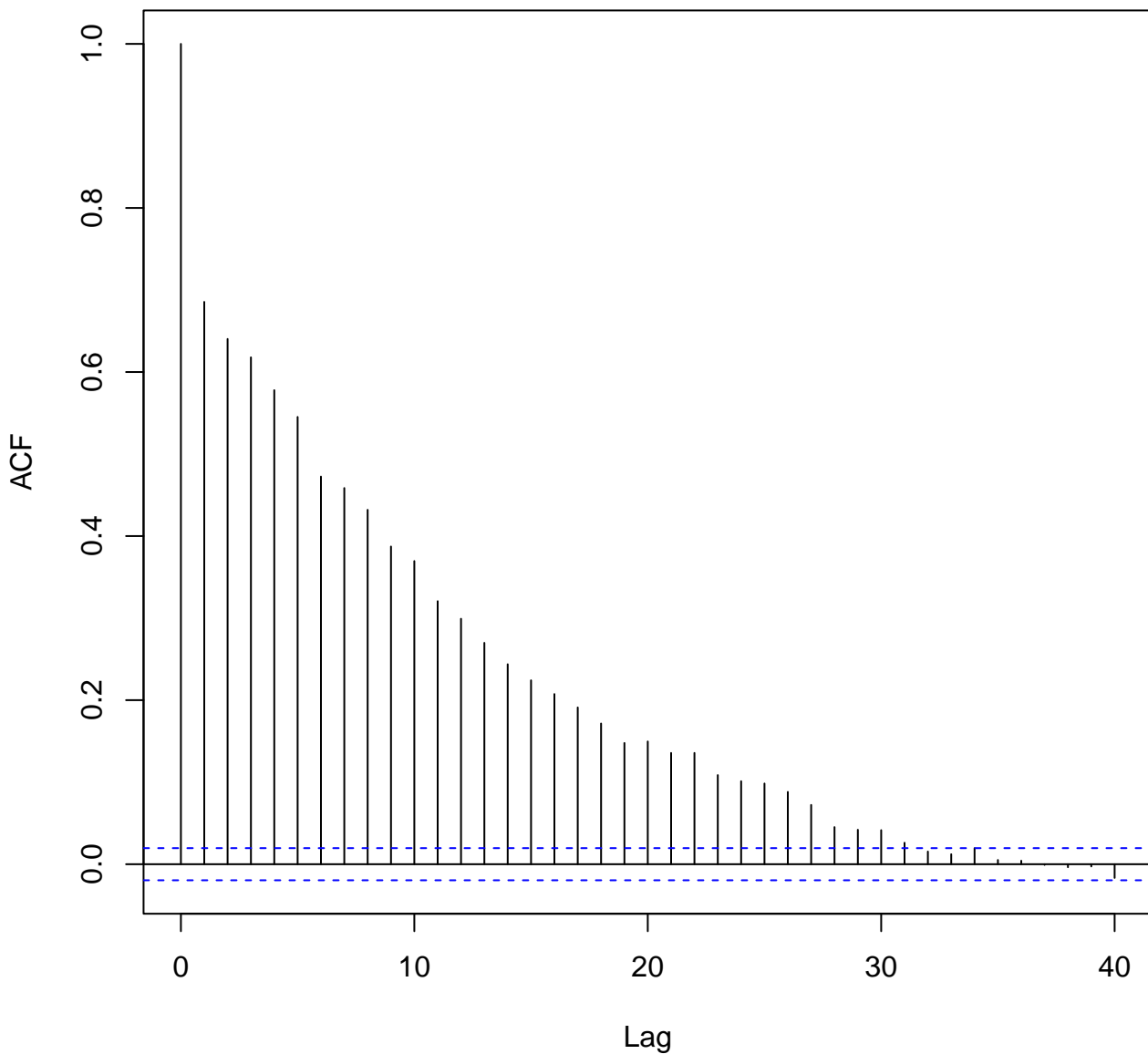
X_20 chain 1



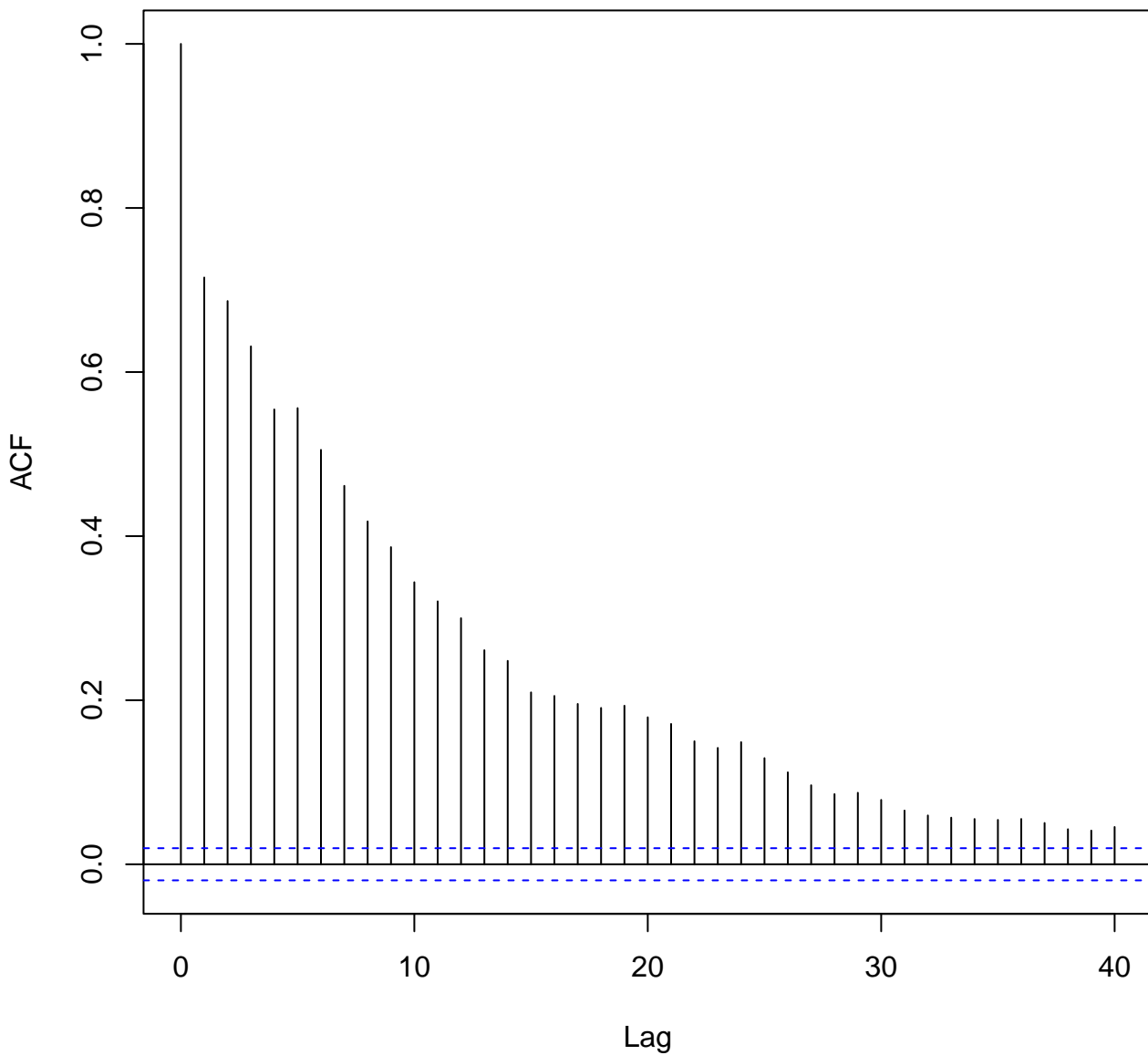
X_20 chain 2



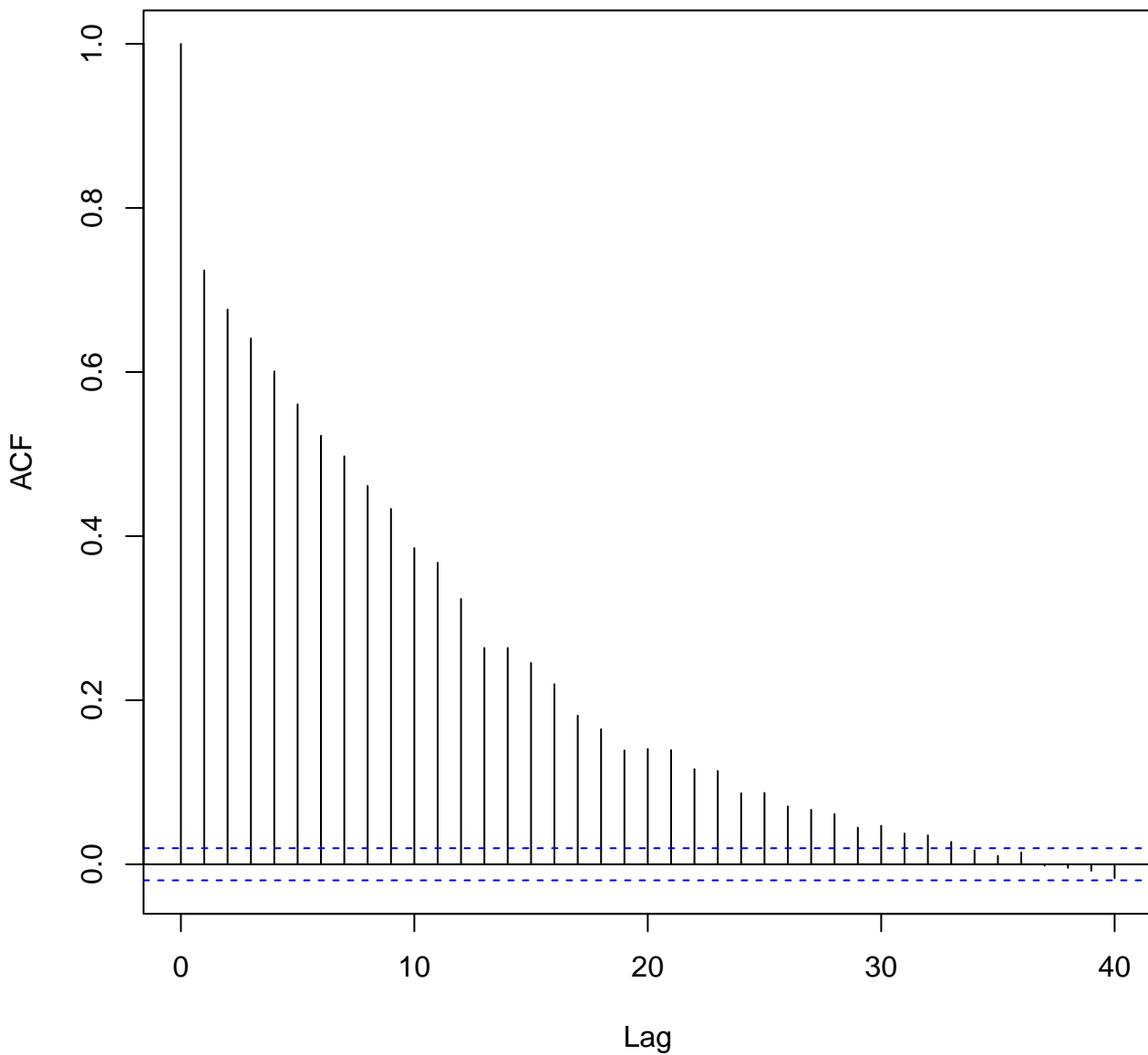
X_20 chain 3



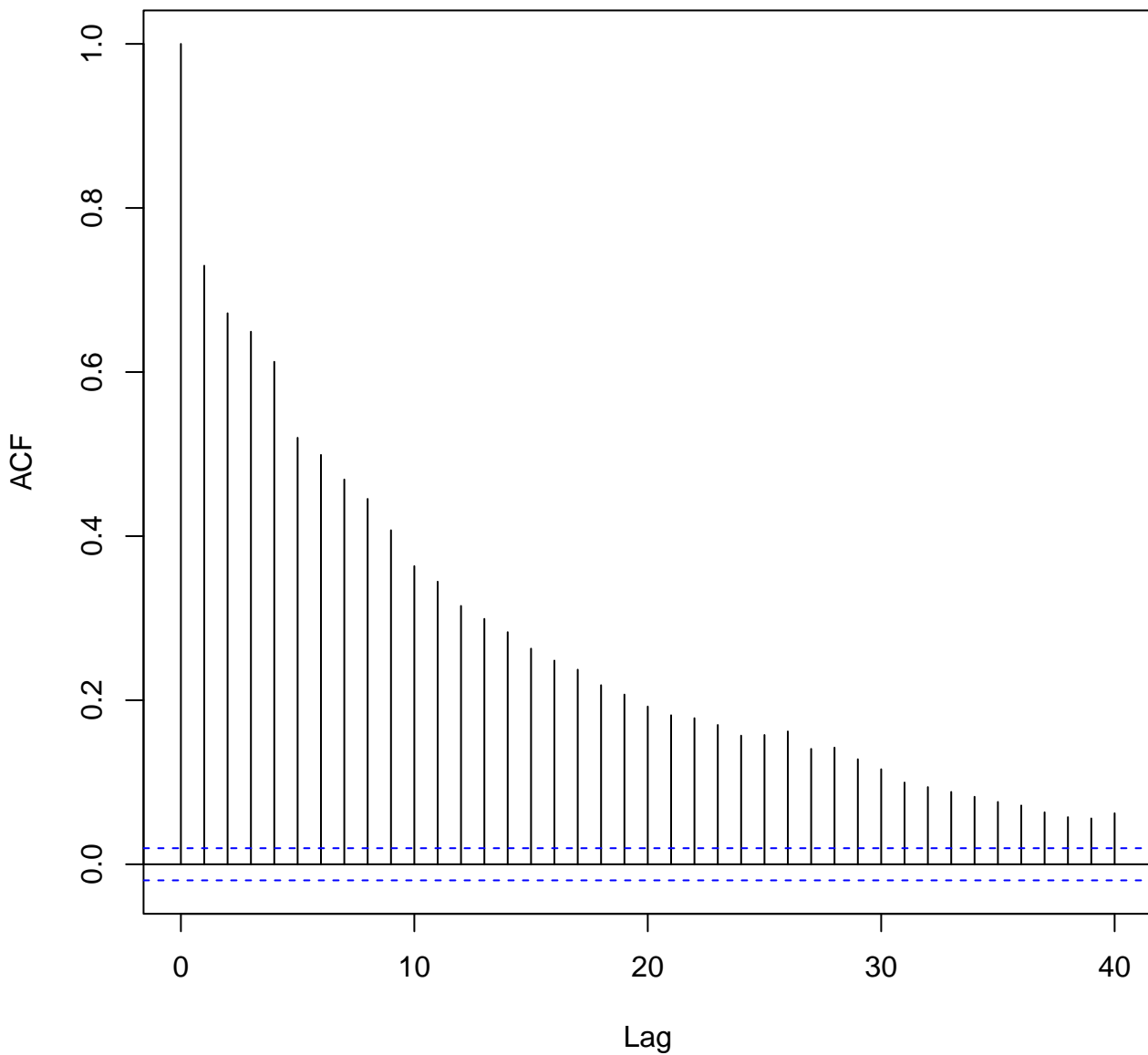
X_20 chain 4



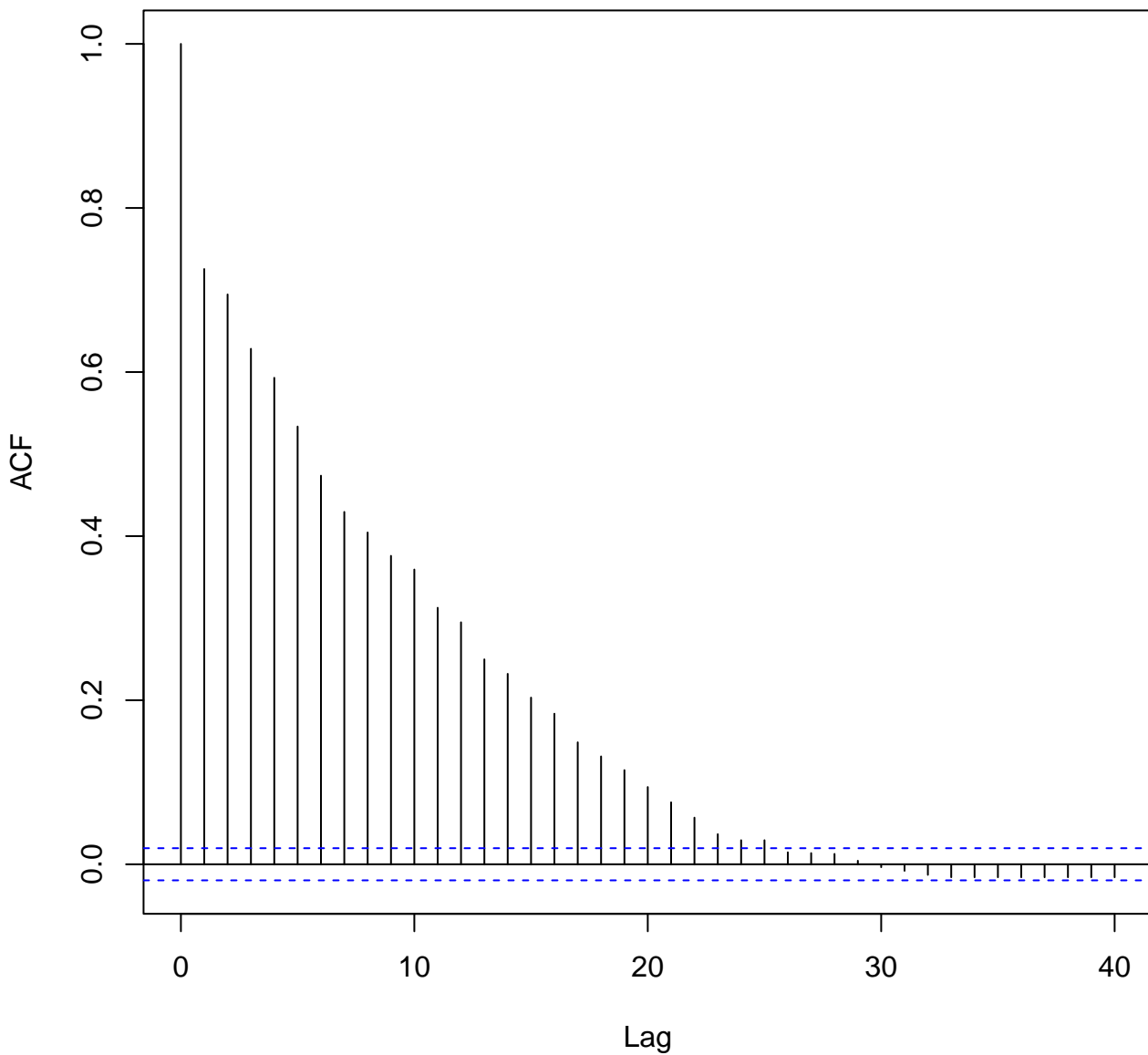
X_20 chain 5



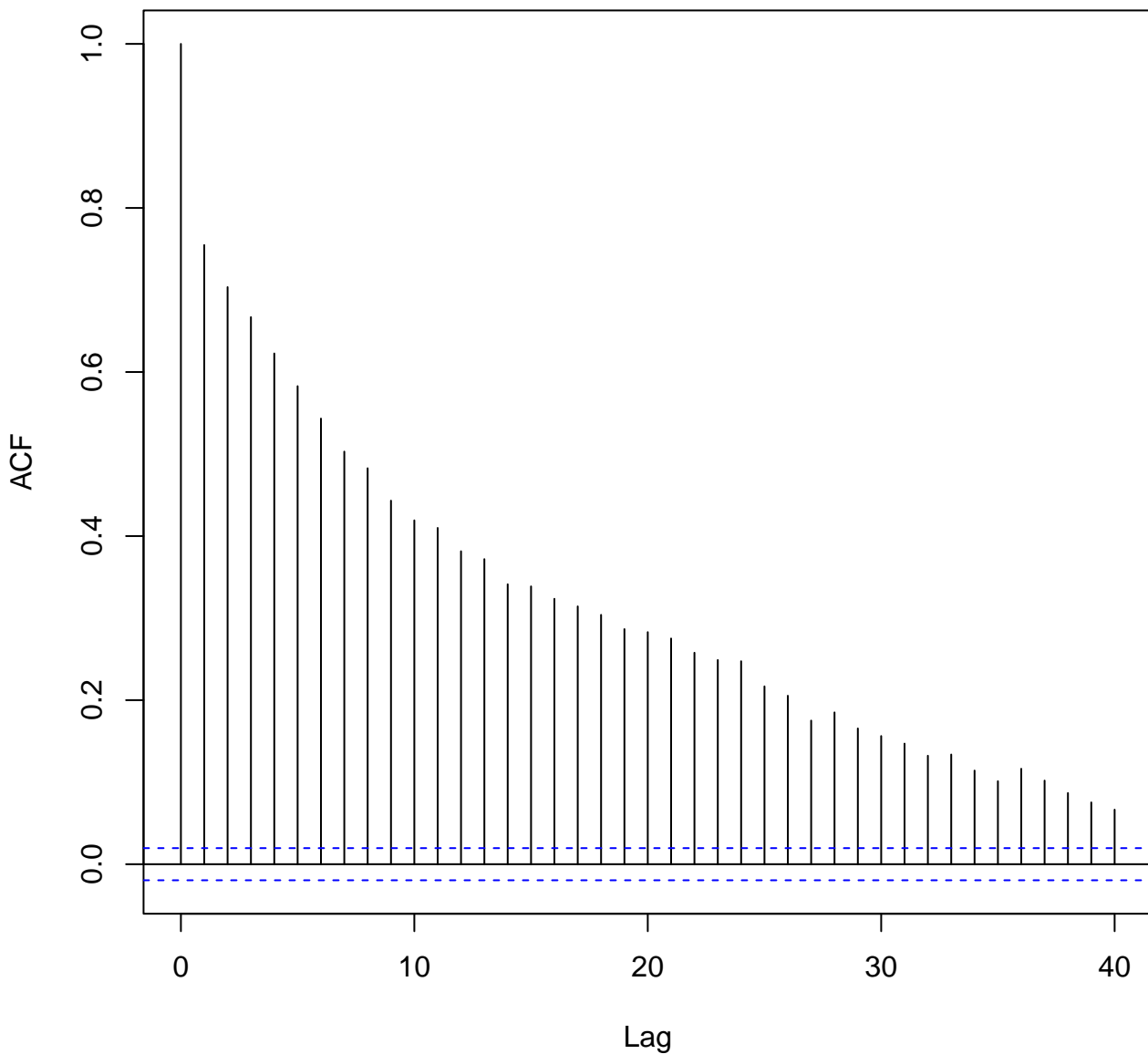
X_20 chain 6



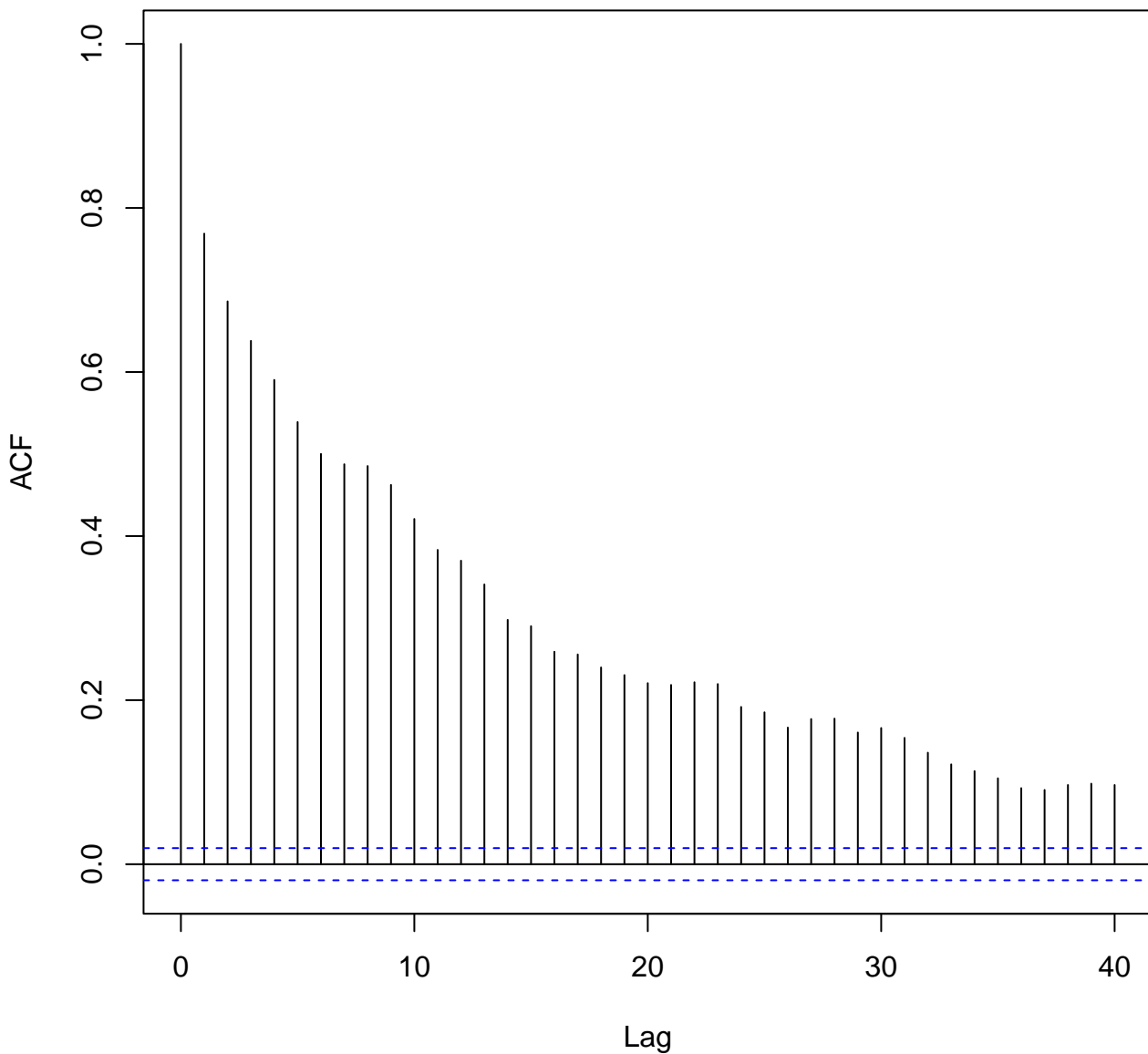
X_21 chain 1



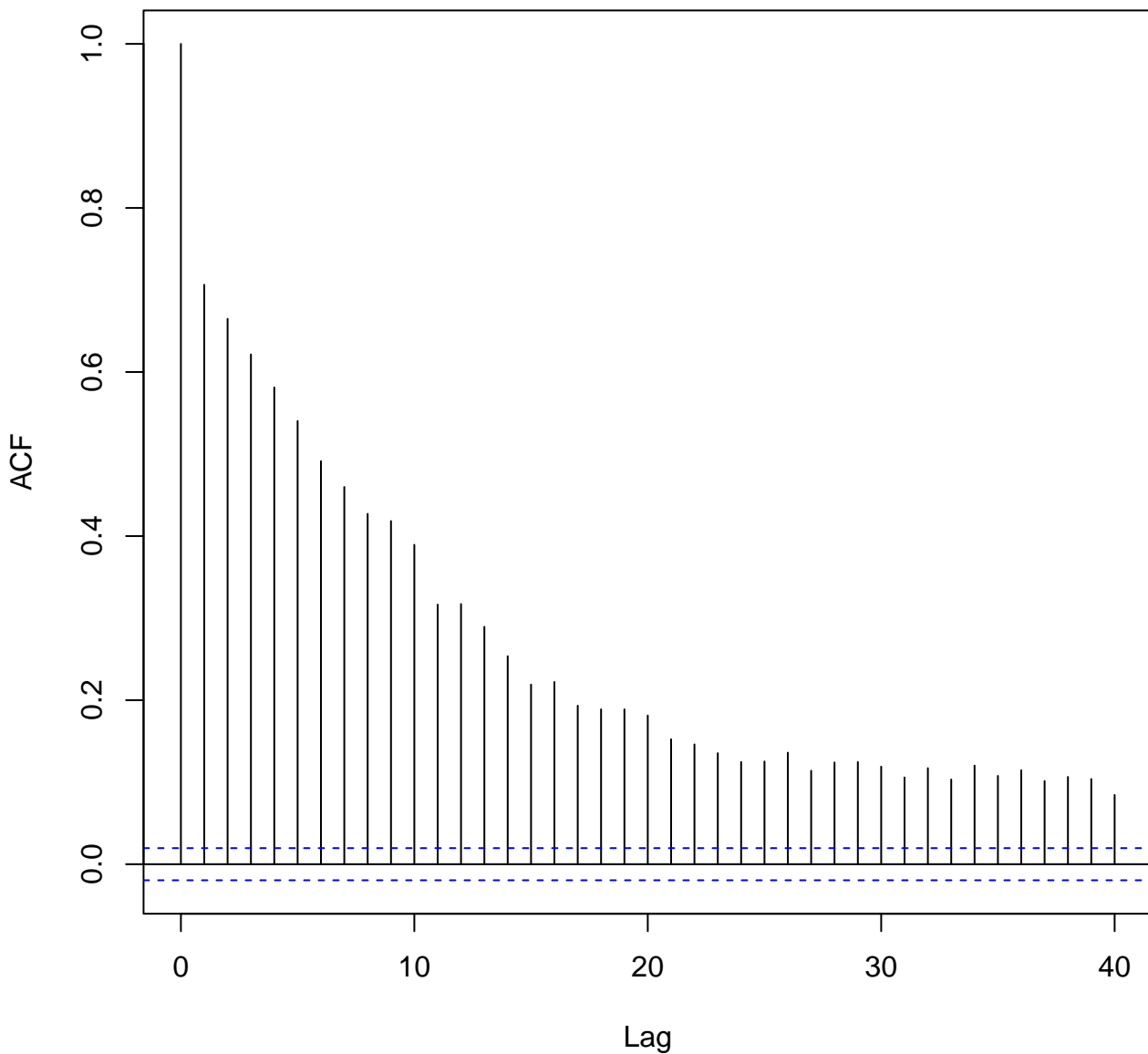
X_21 chain 2



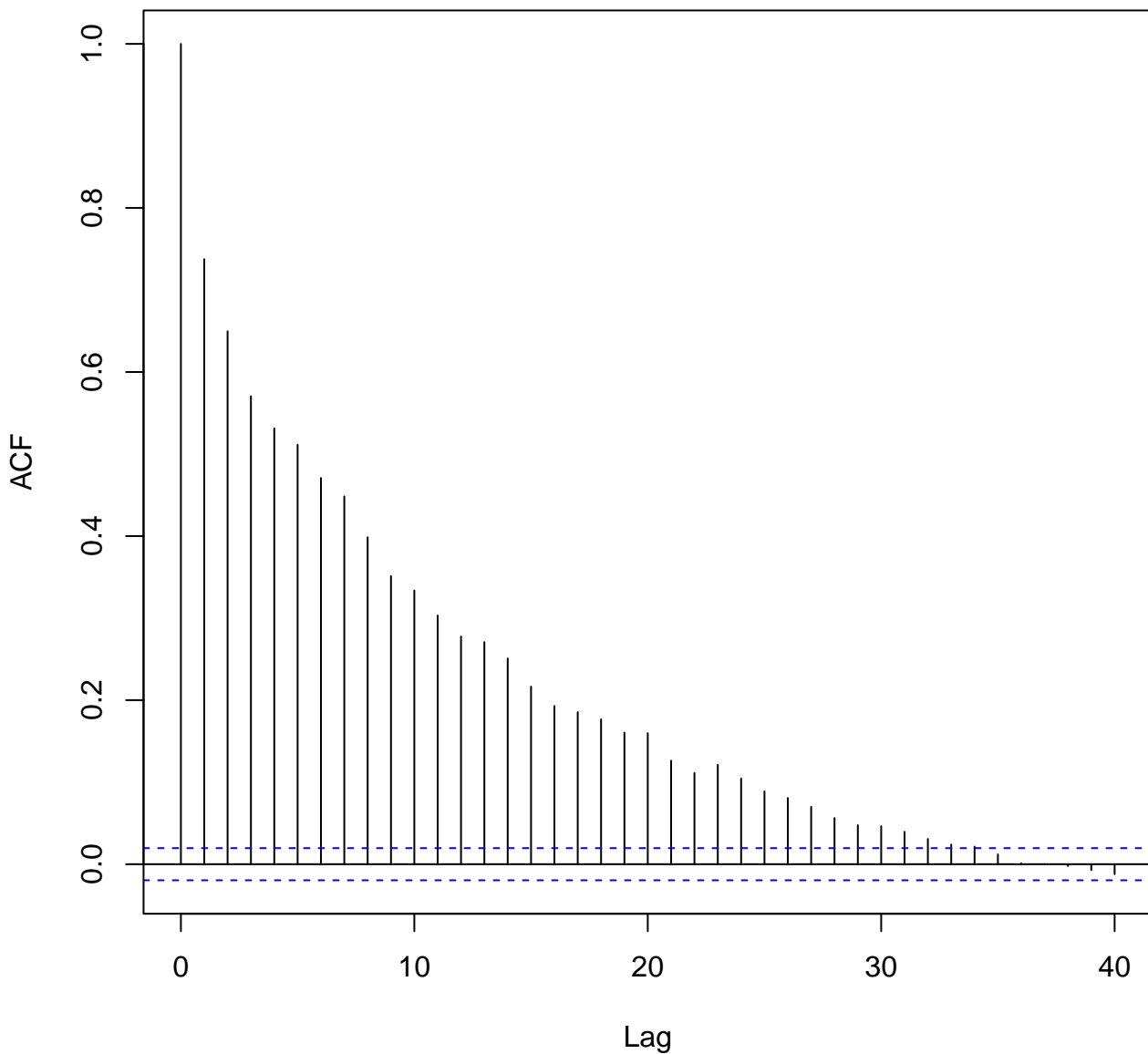
X_21 chain 3



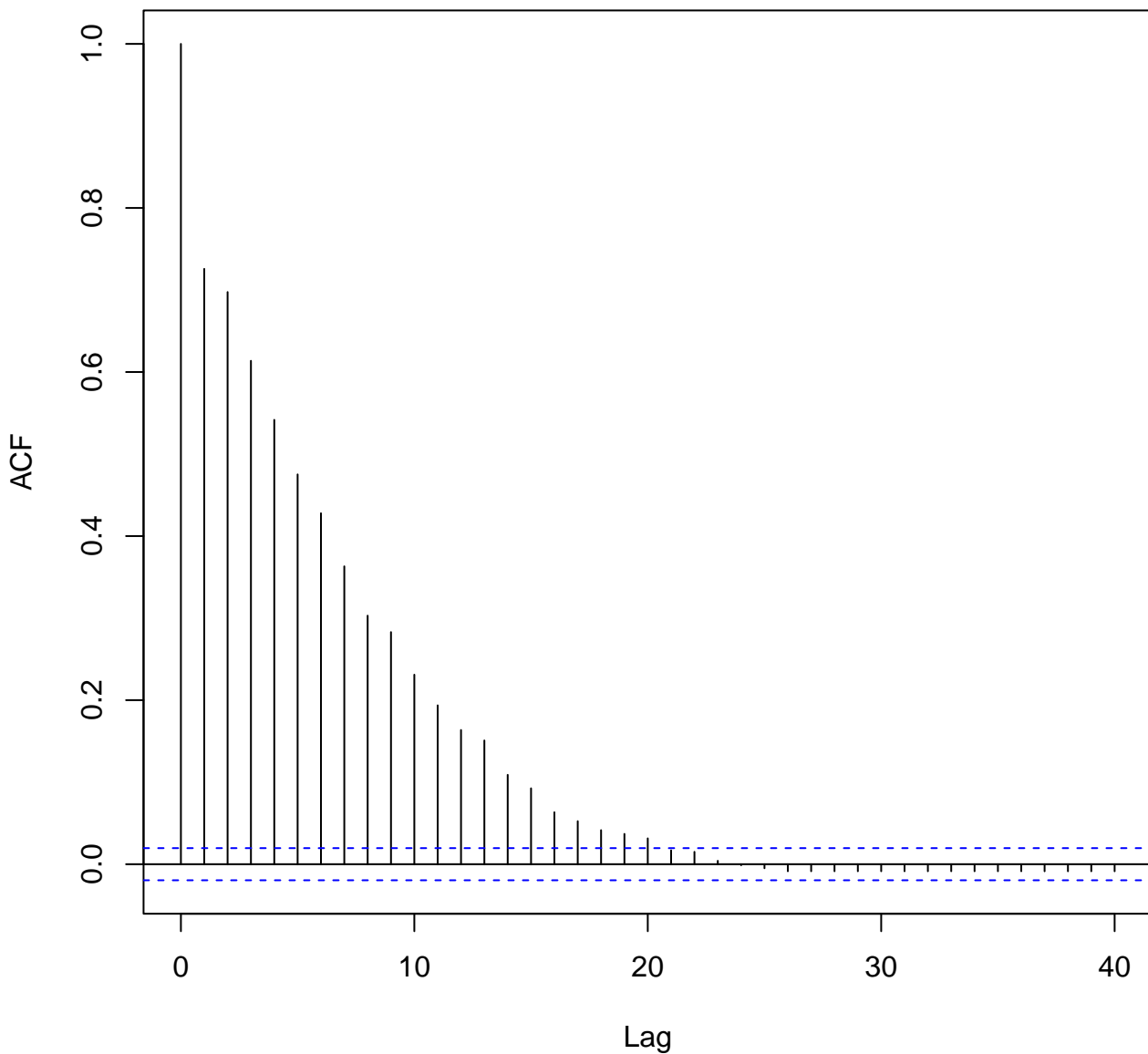
X_21 chain 4



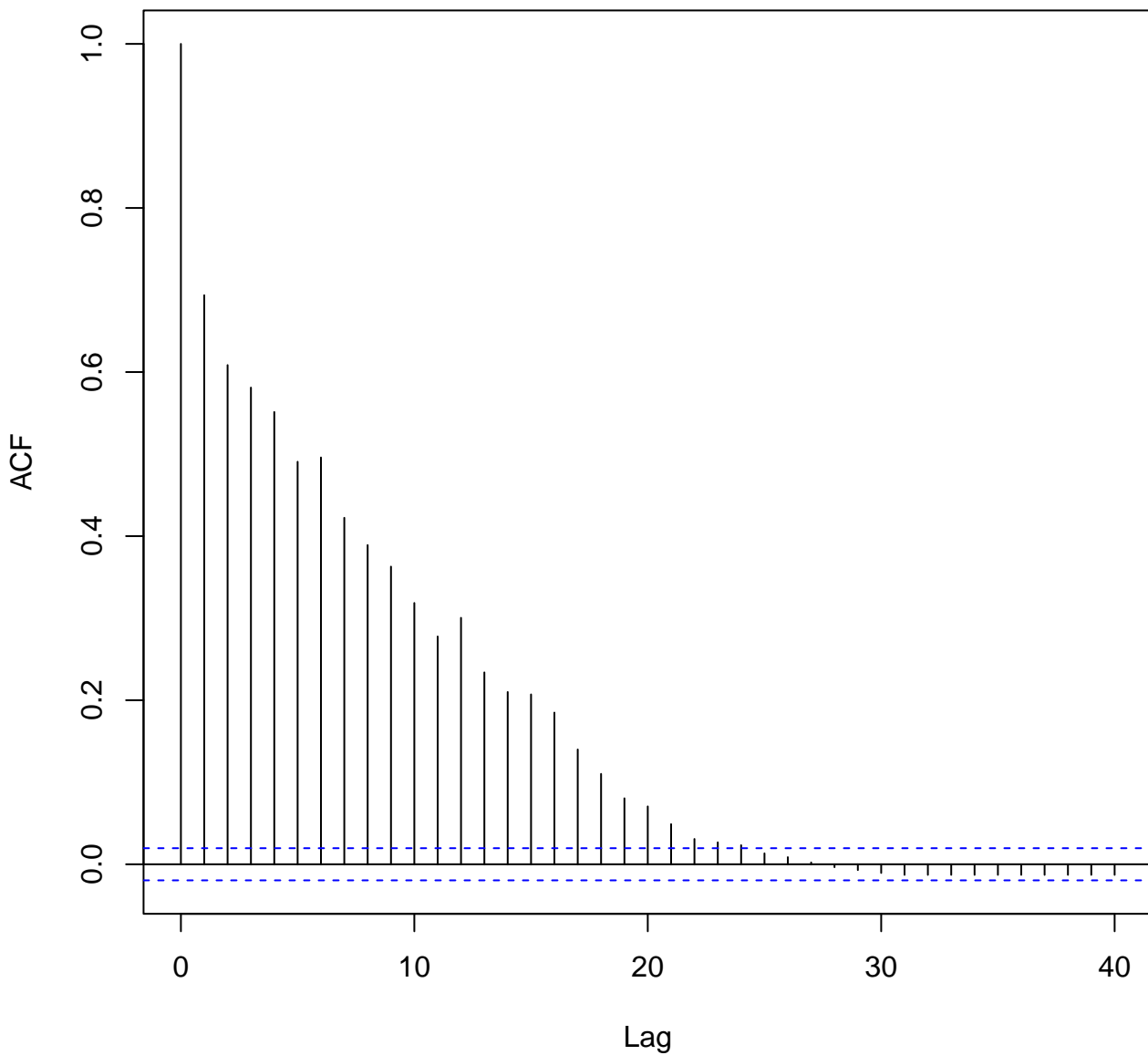
X_21 chain 5



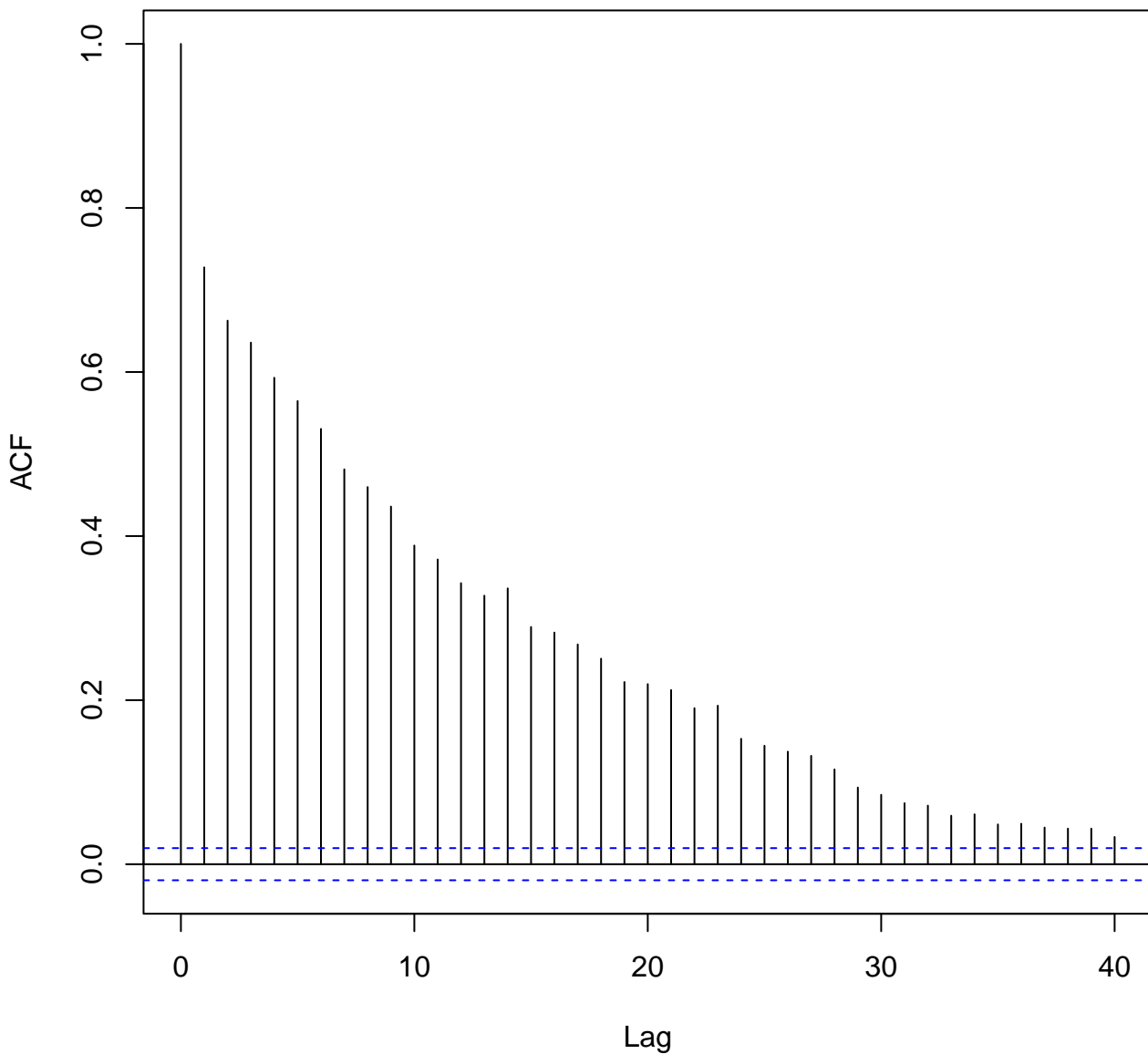
X_21 chain 6



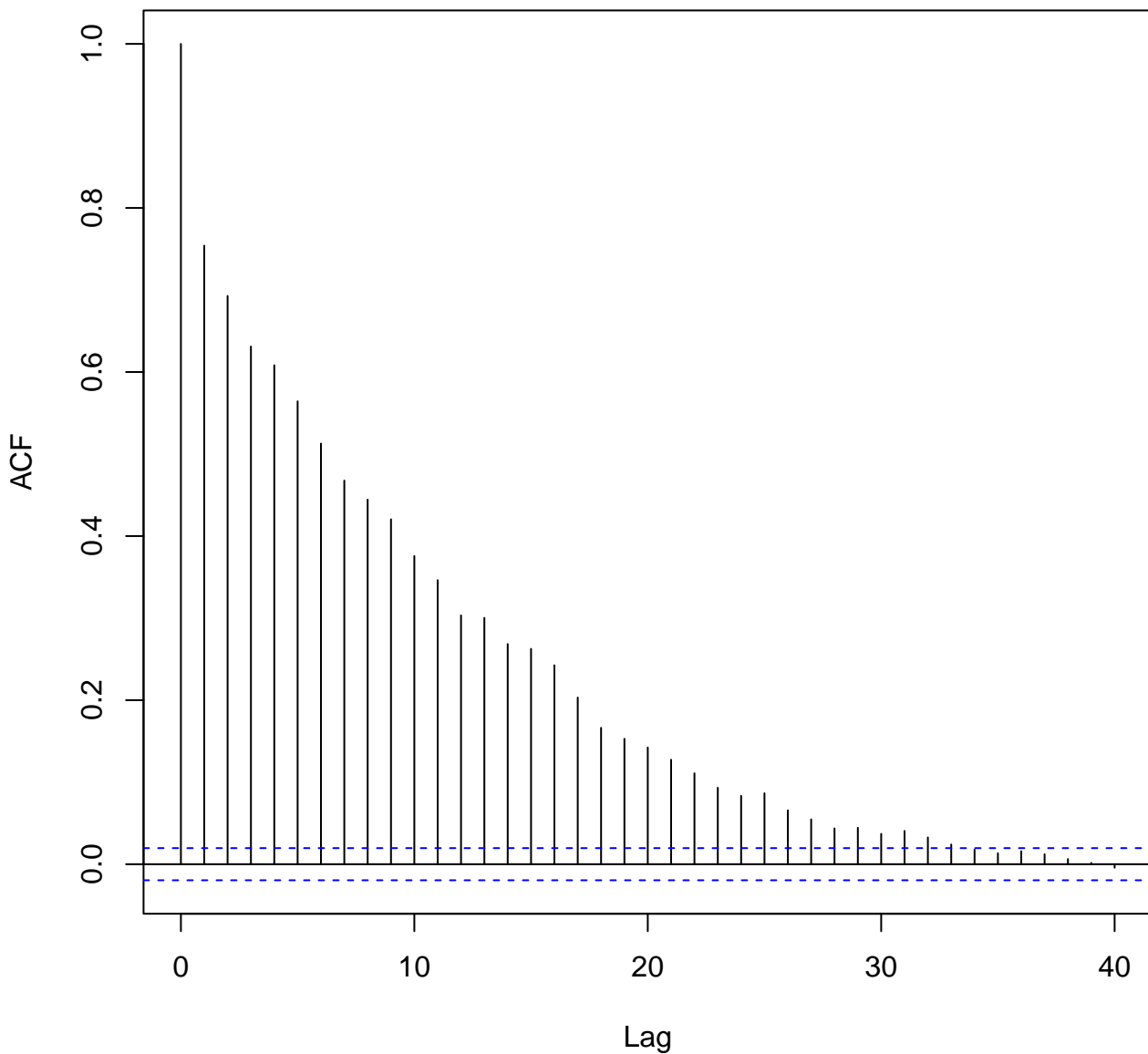
X_22 chain 1



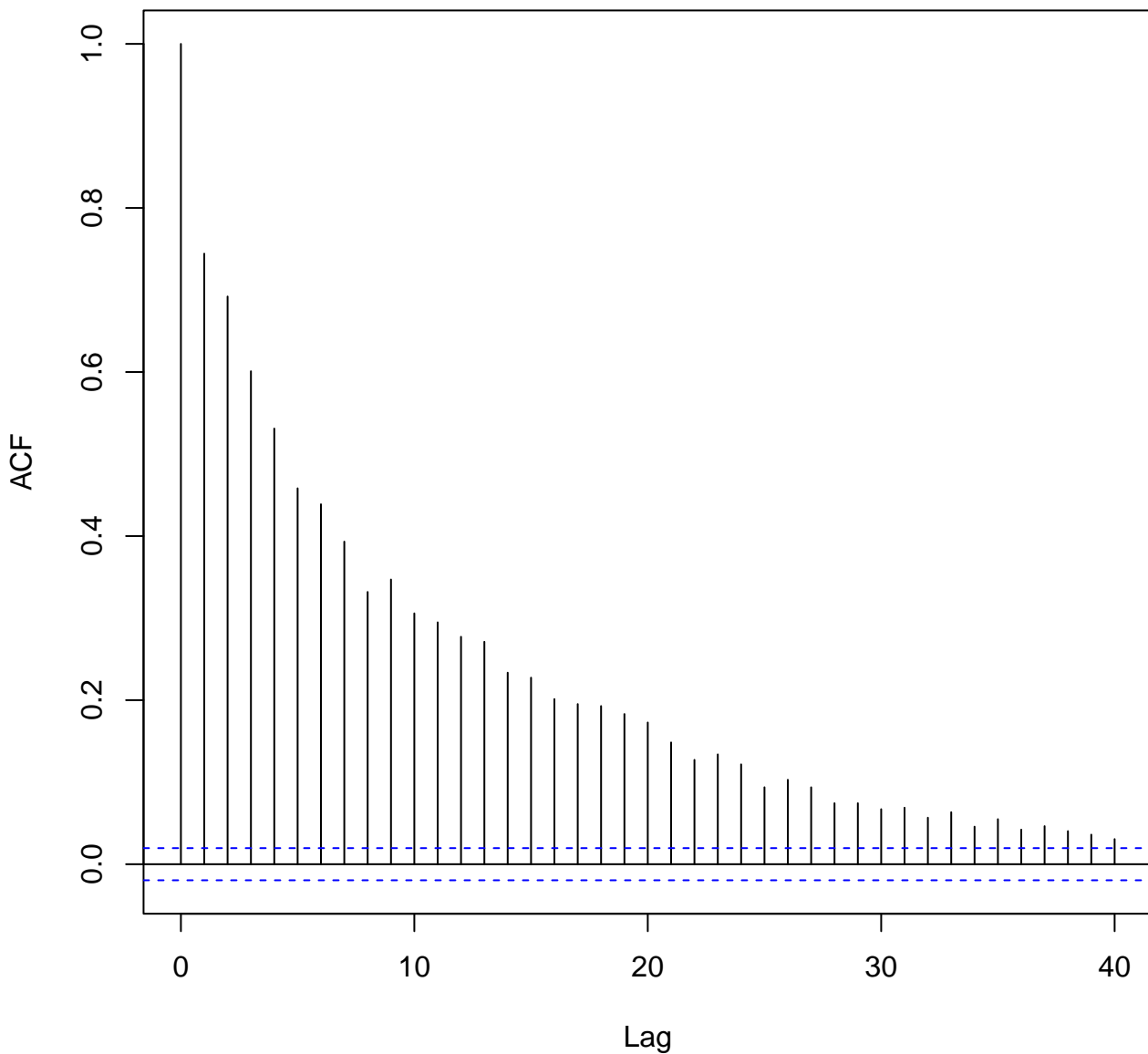
X_22 chain 2



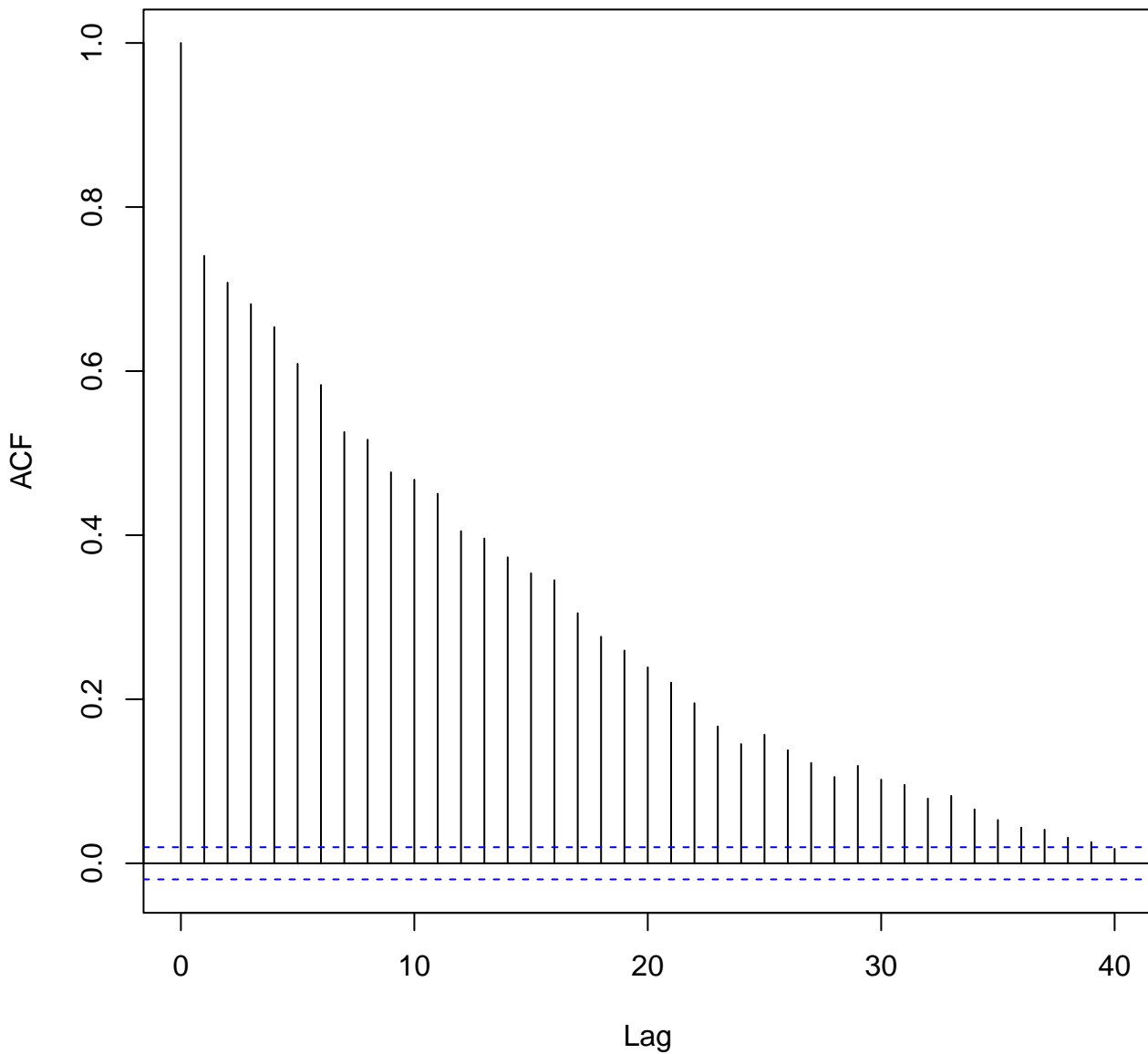
X_22 chain 3



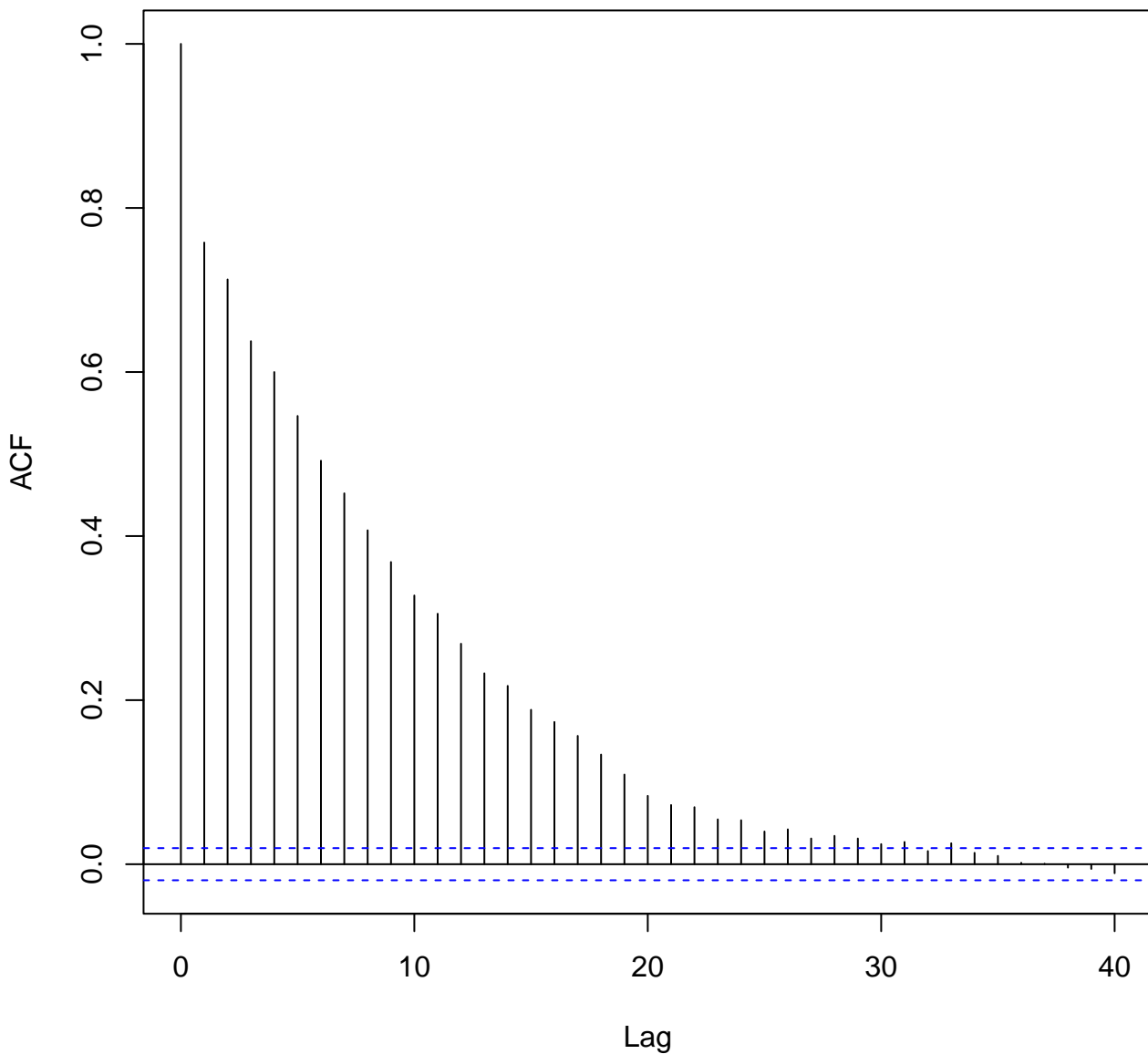
X_22 chain 4



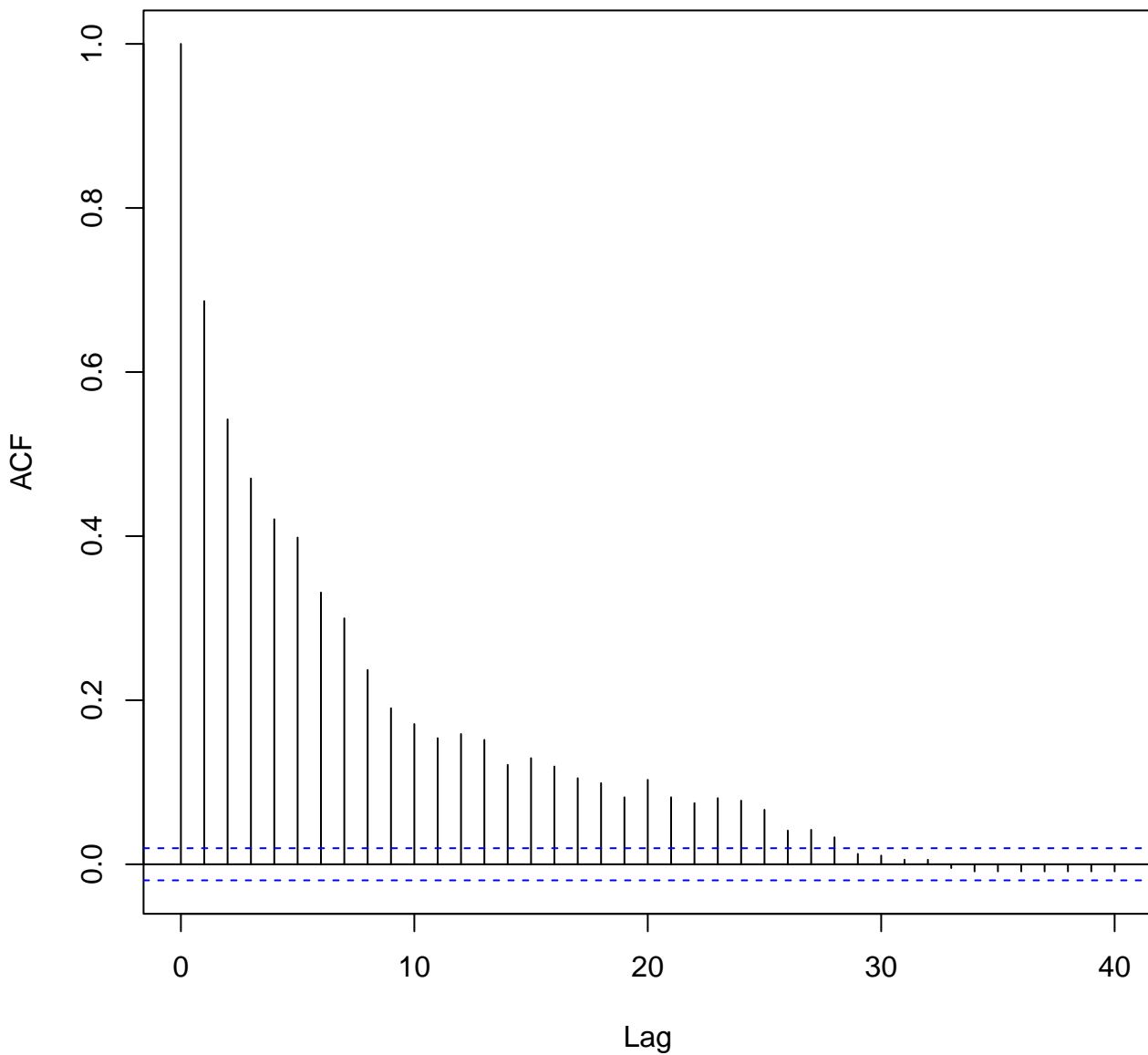
X_22 chain 5



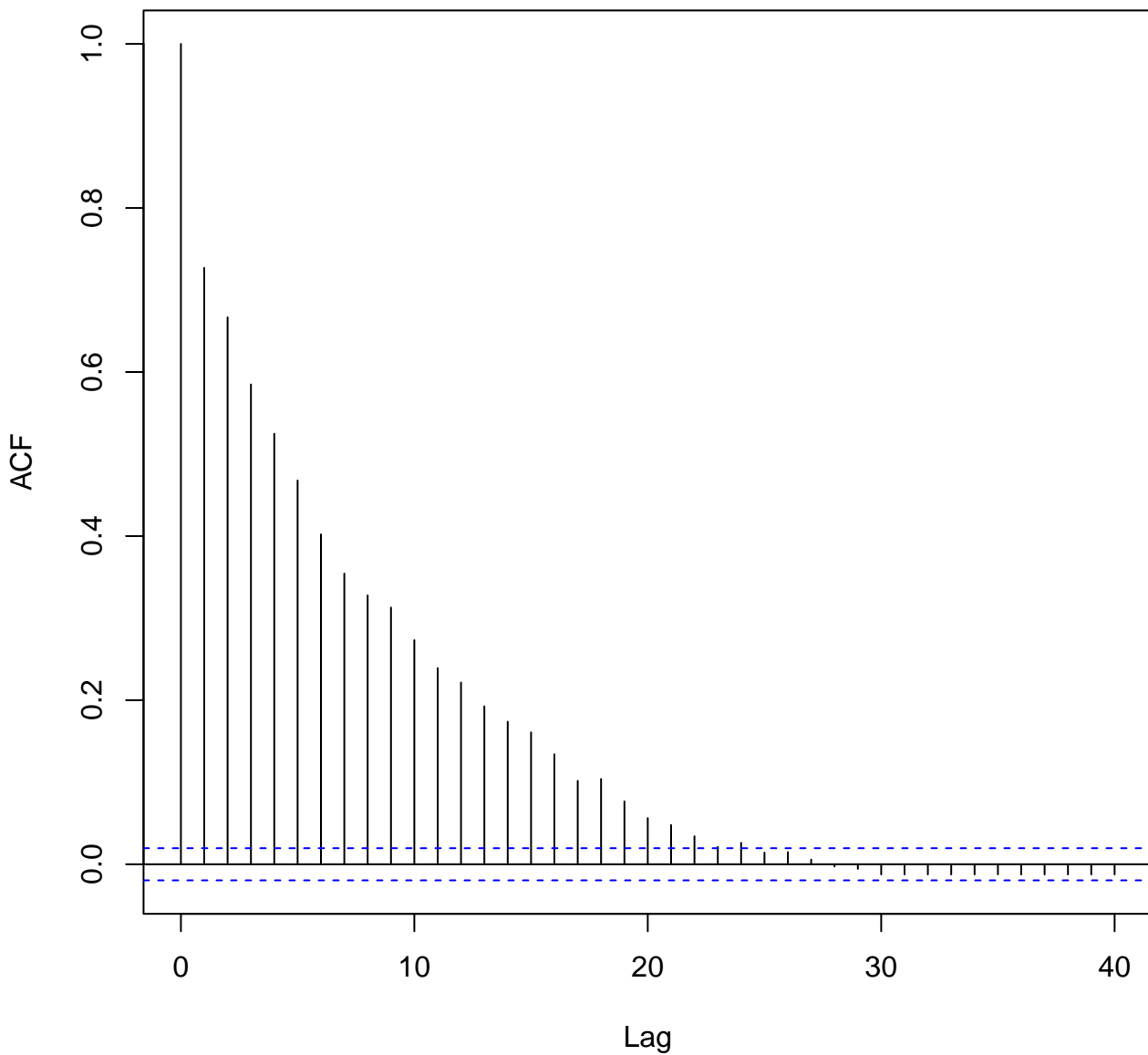
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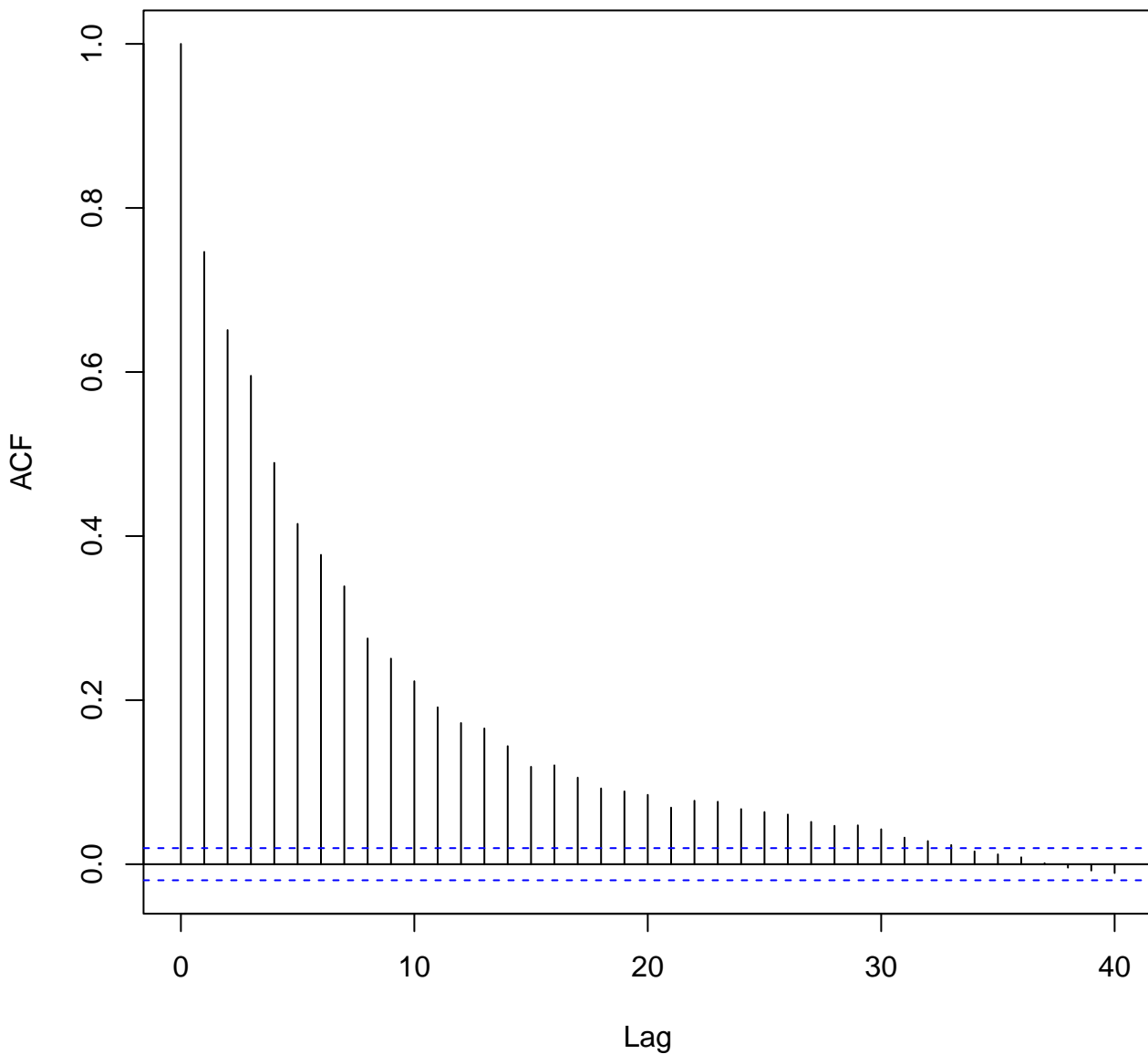
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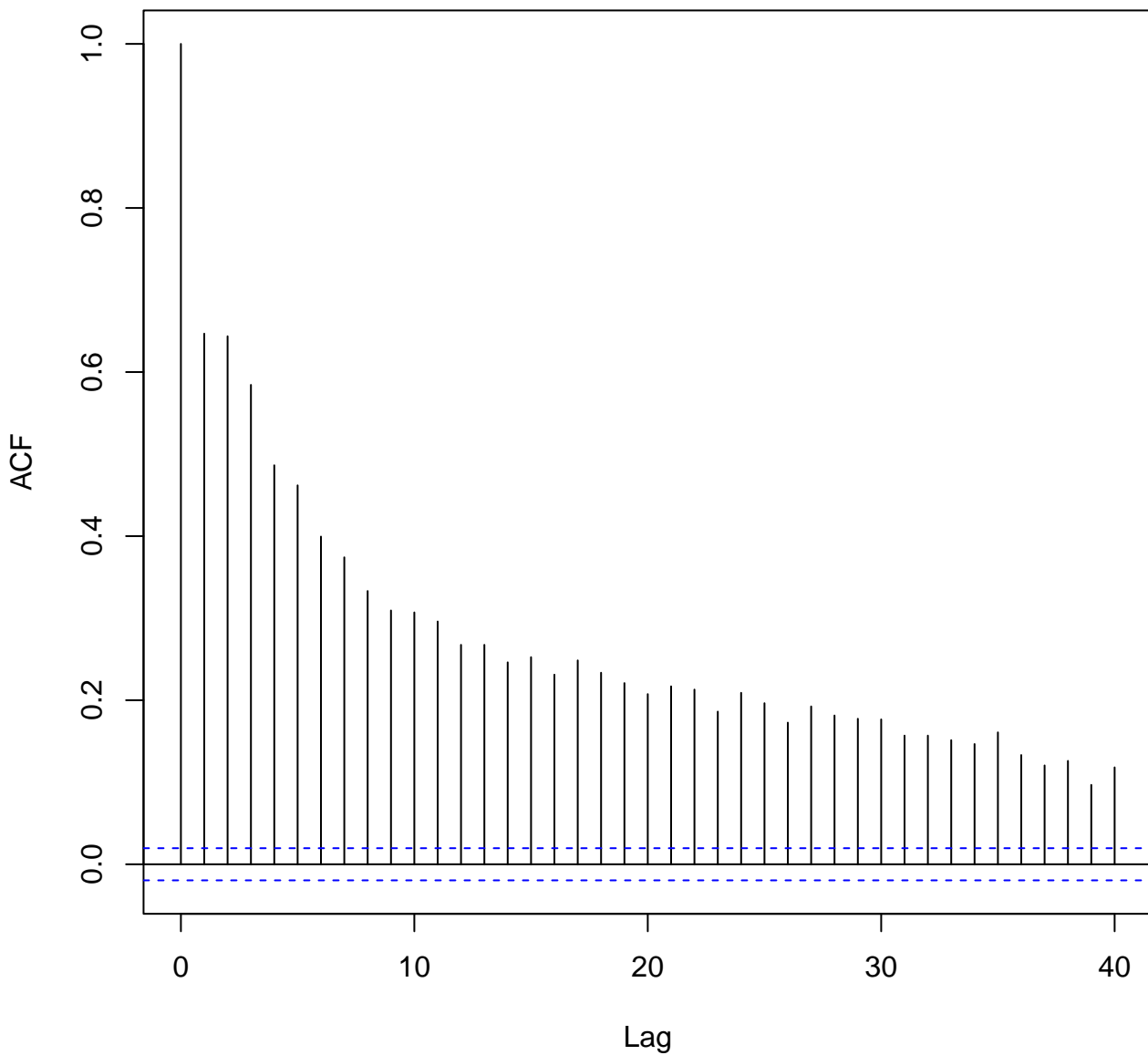
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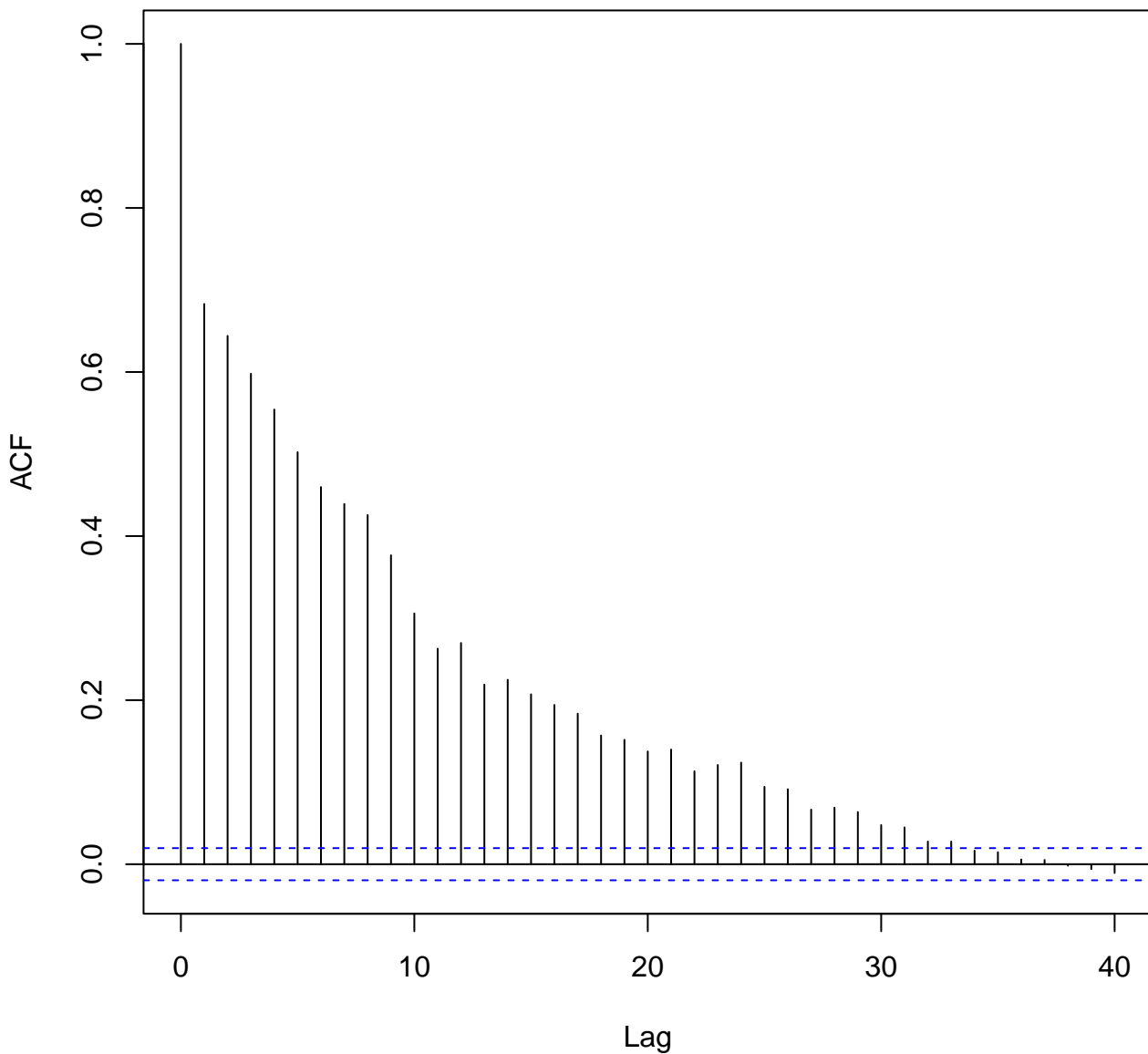
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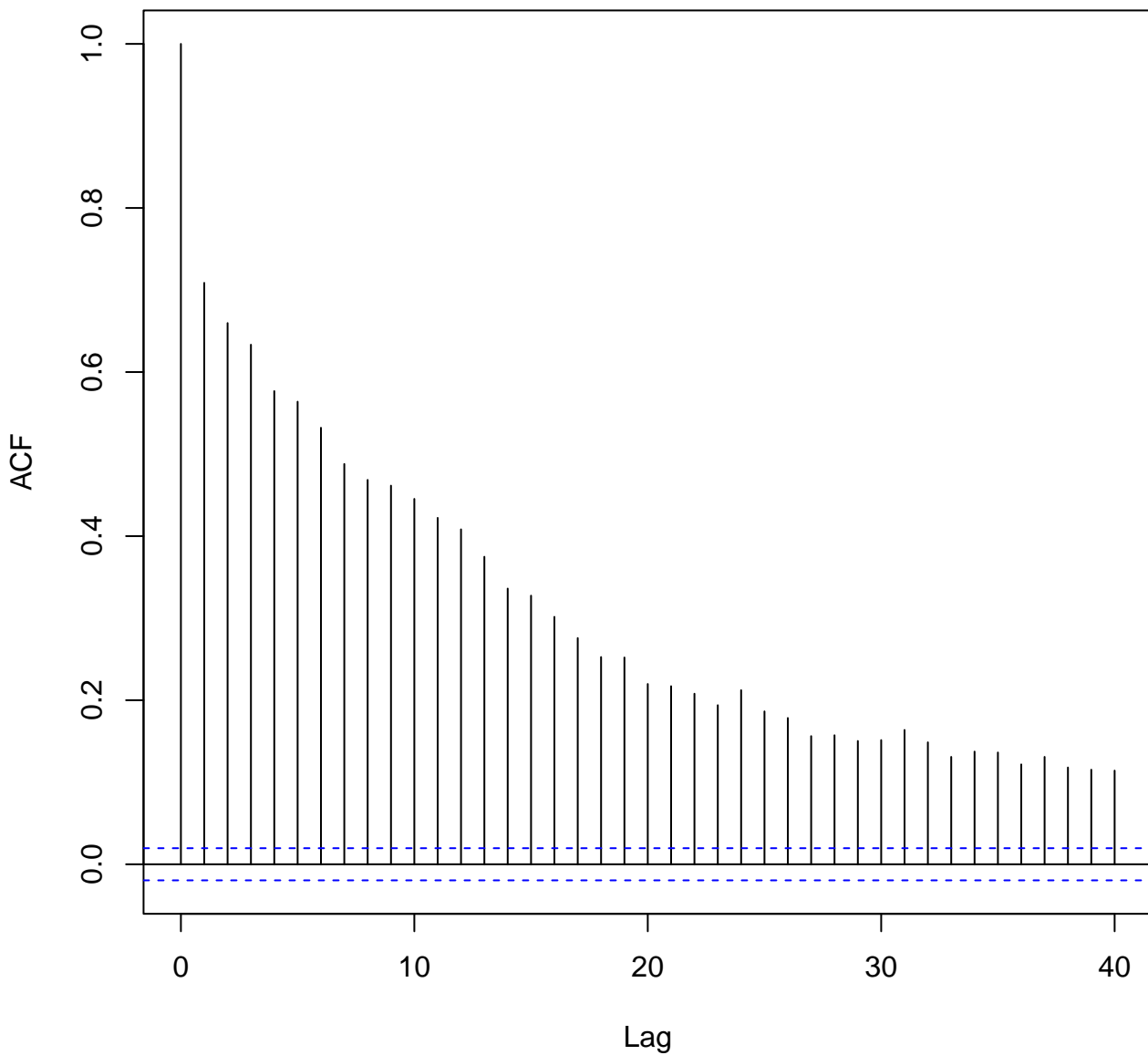
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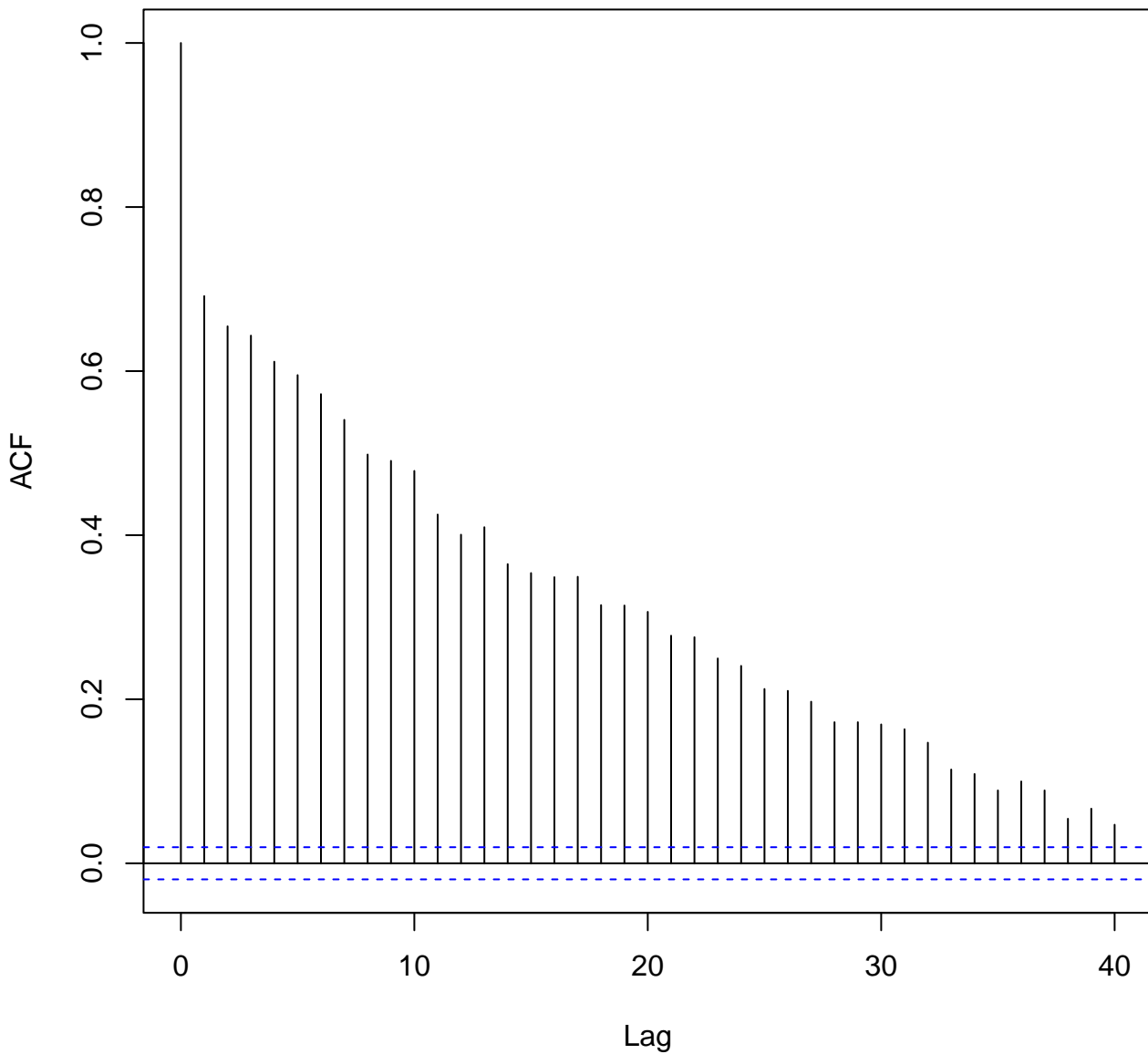
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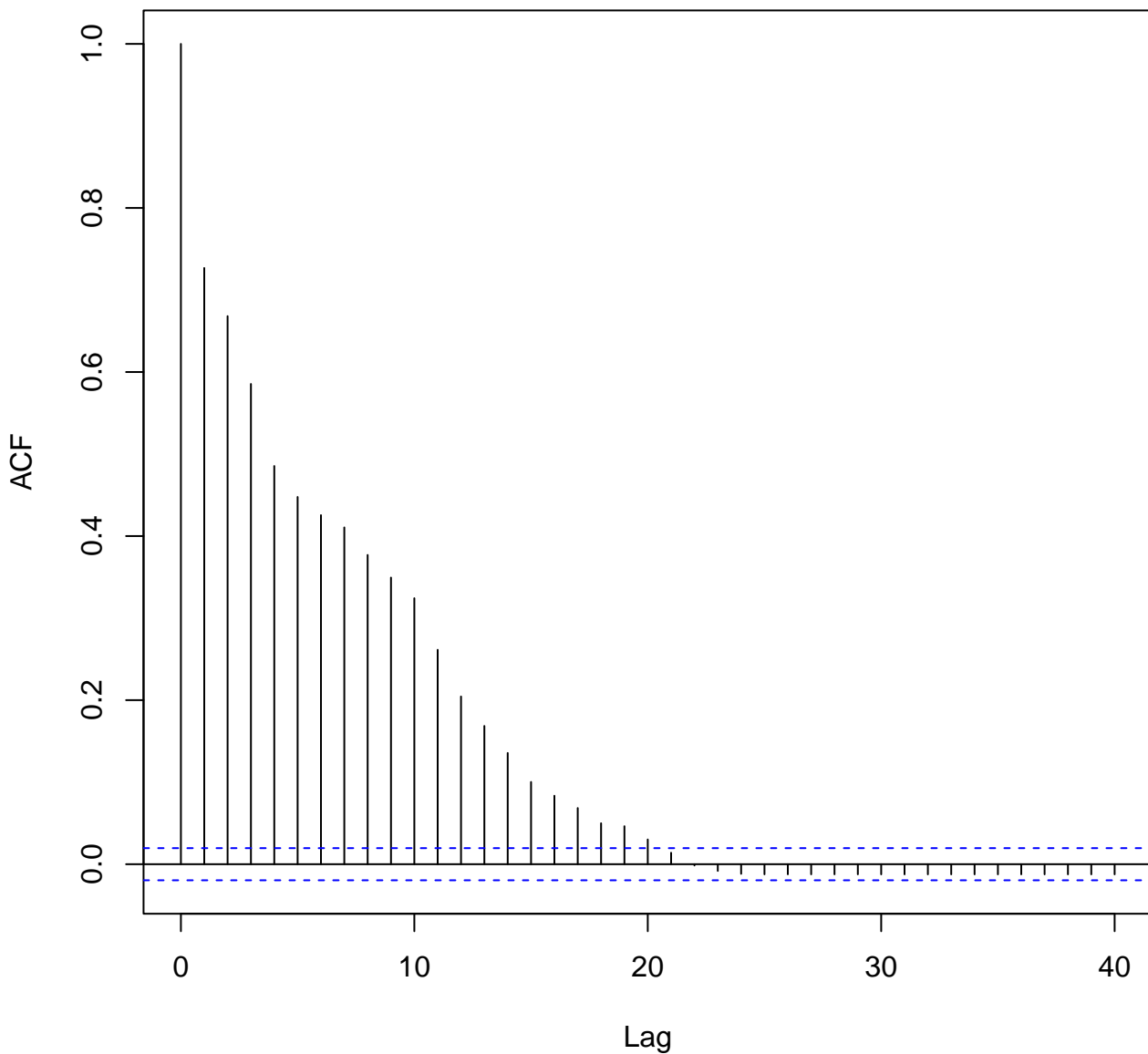
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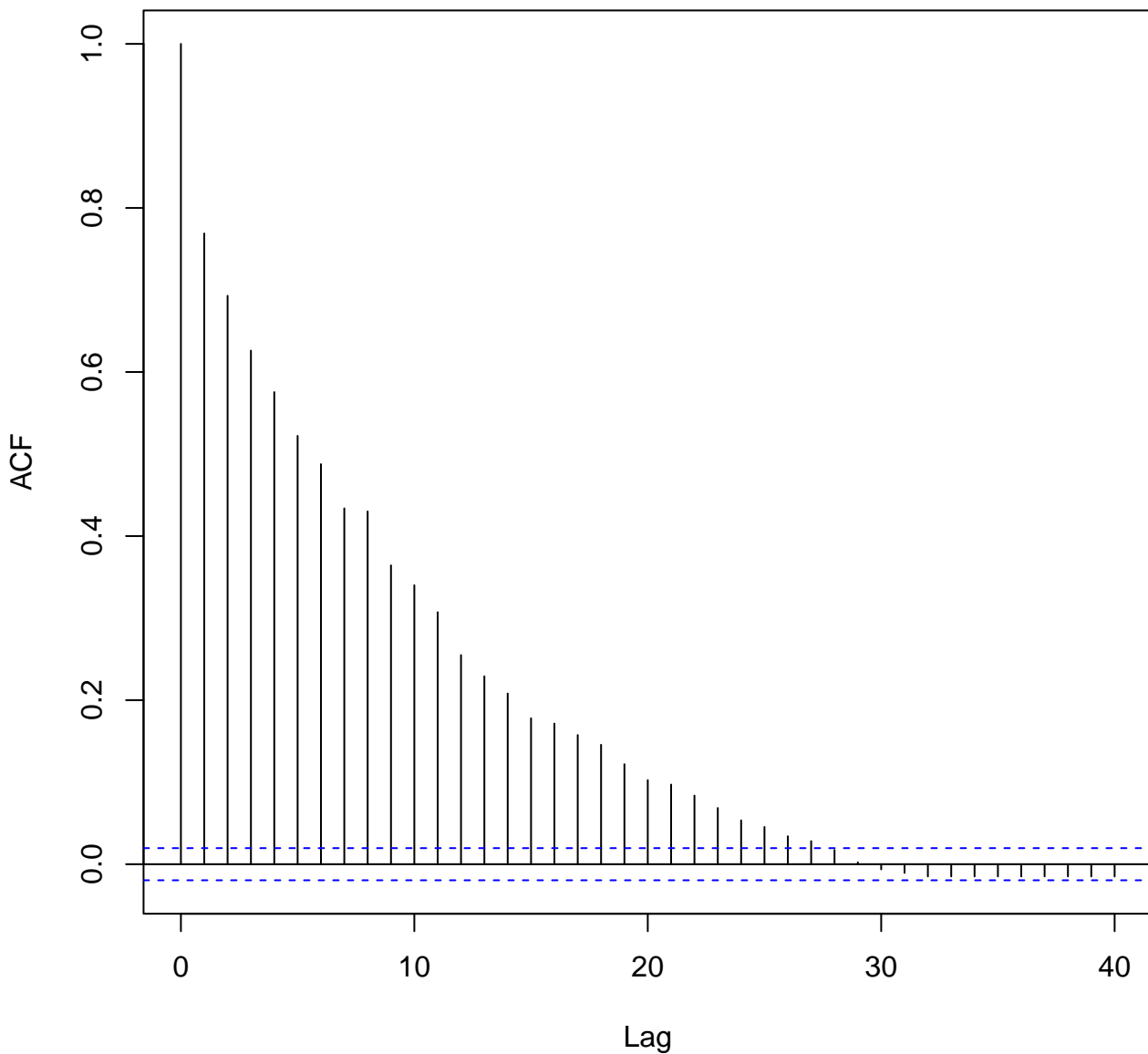
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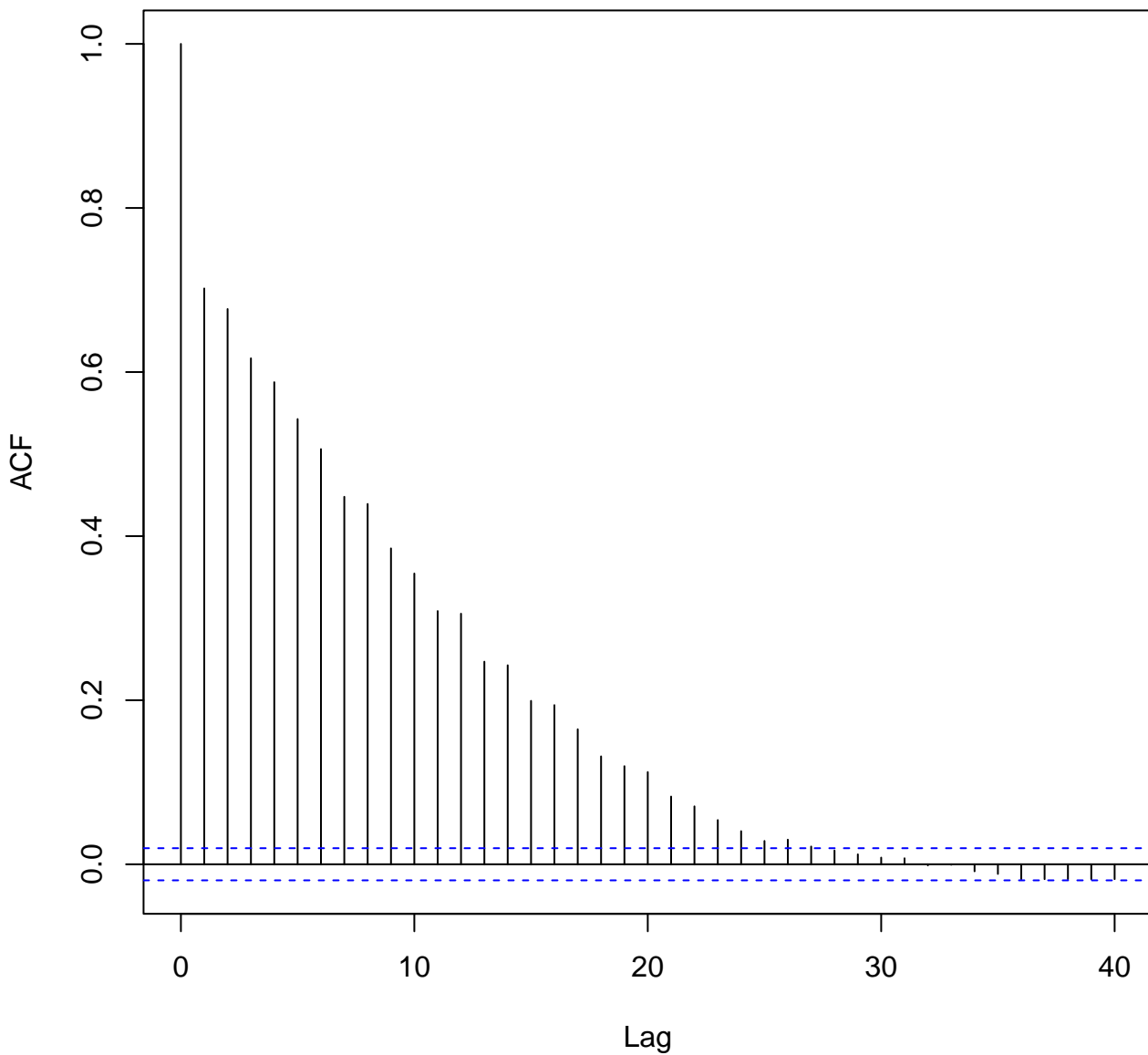
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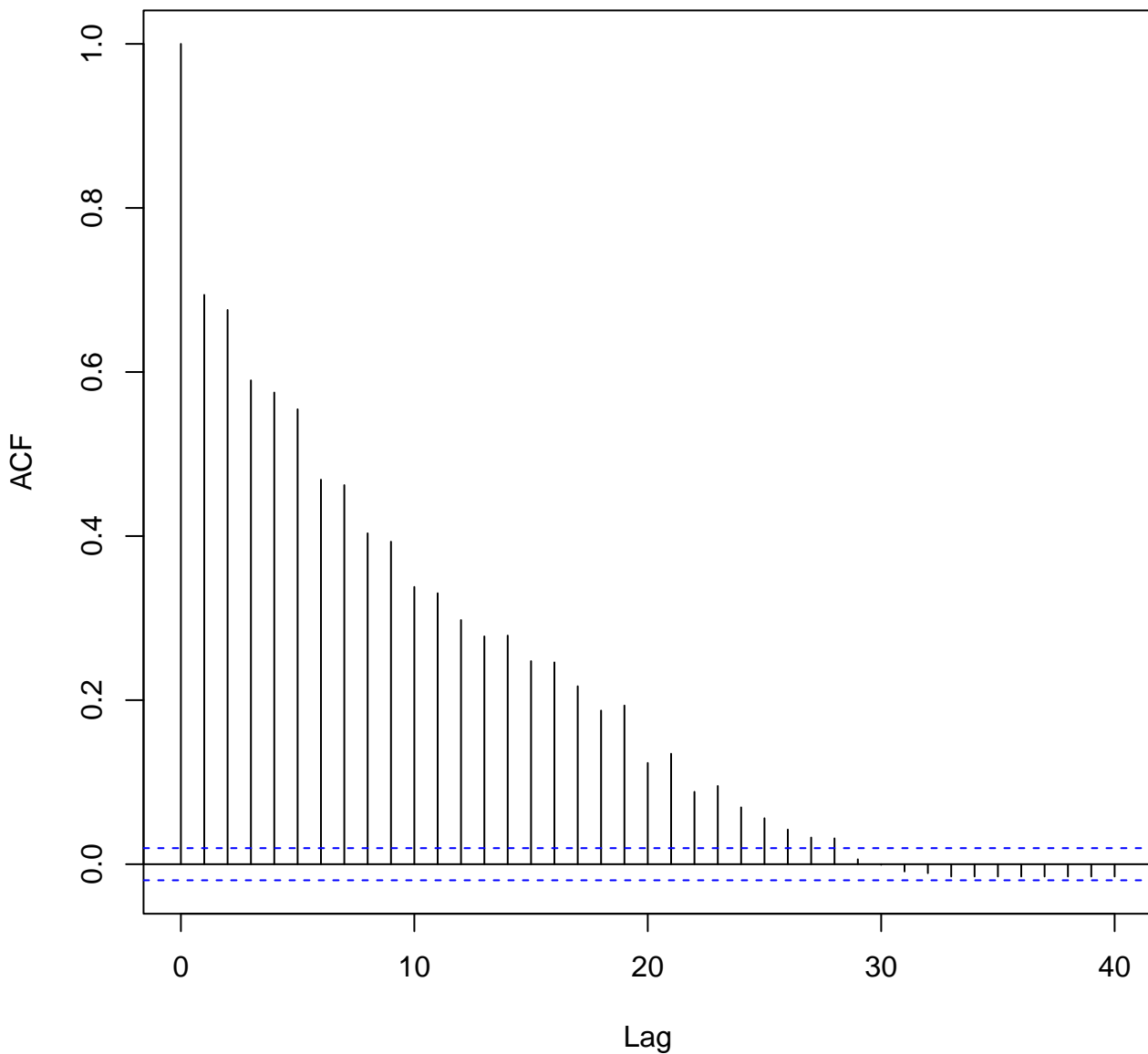
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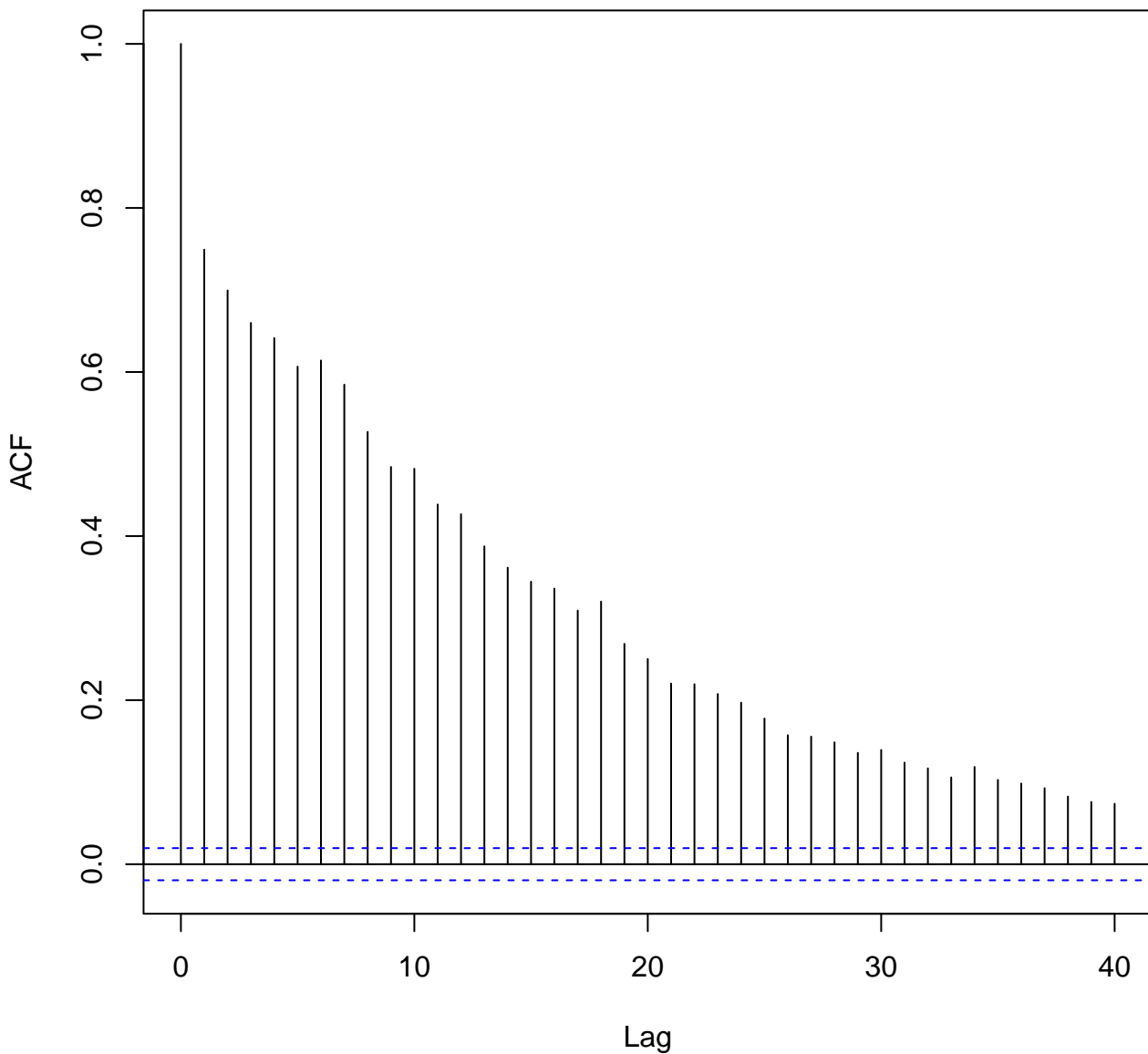
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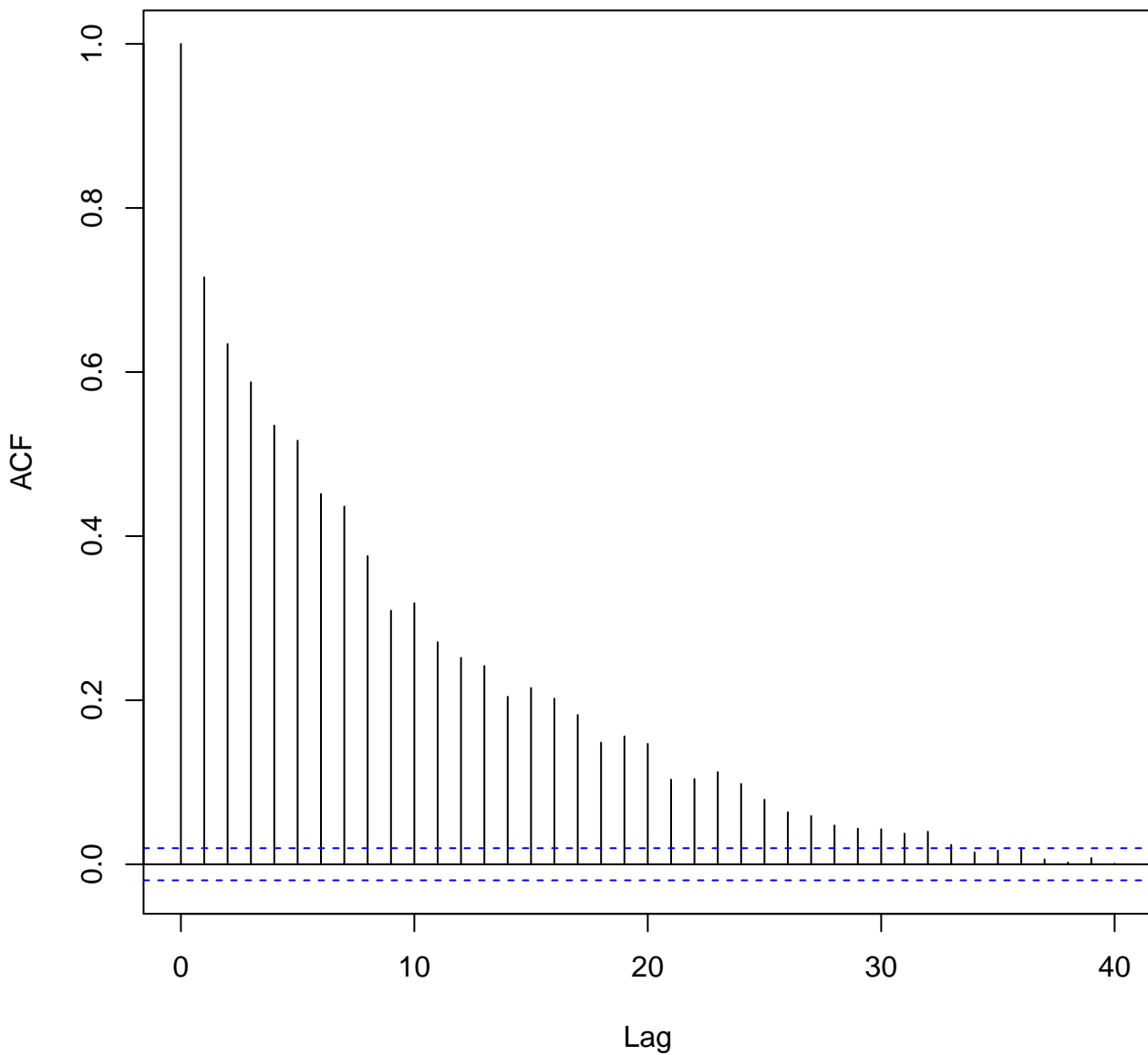
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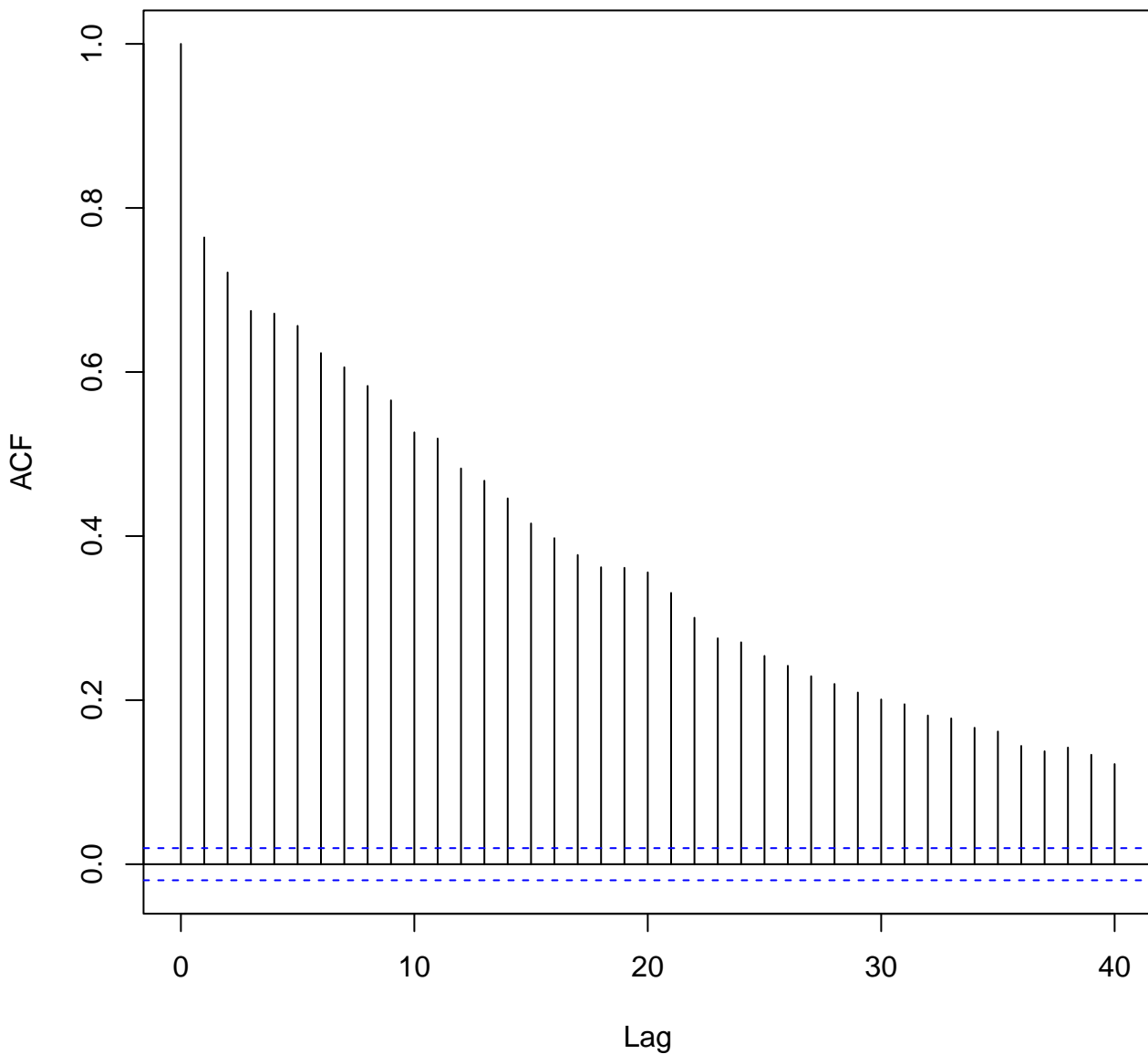
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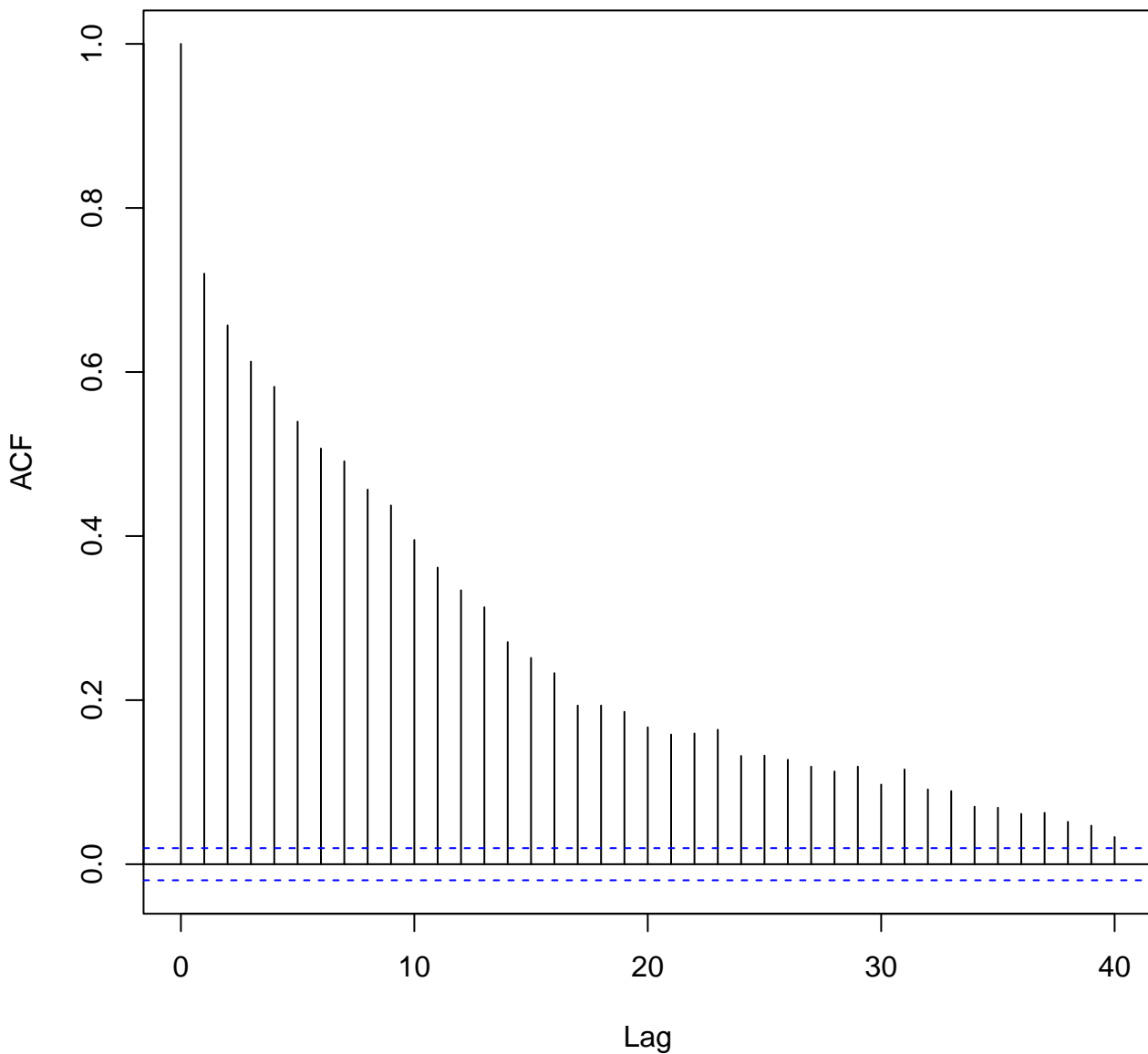
X_25 chain 1



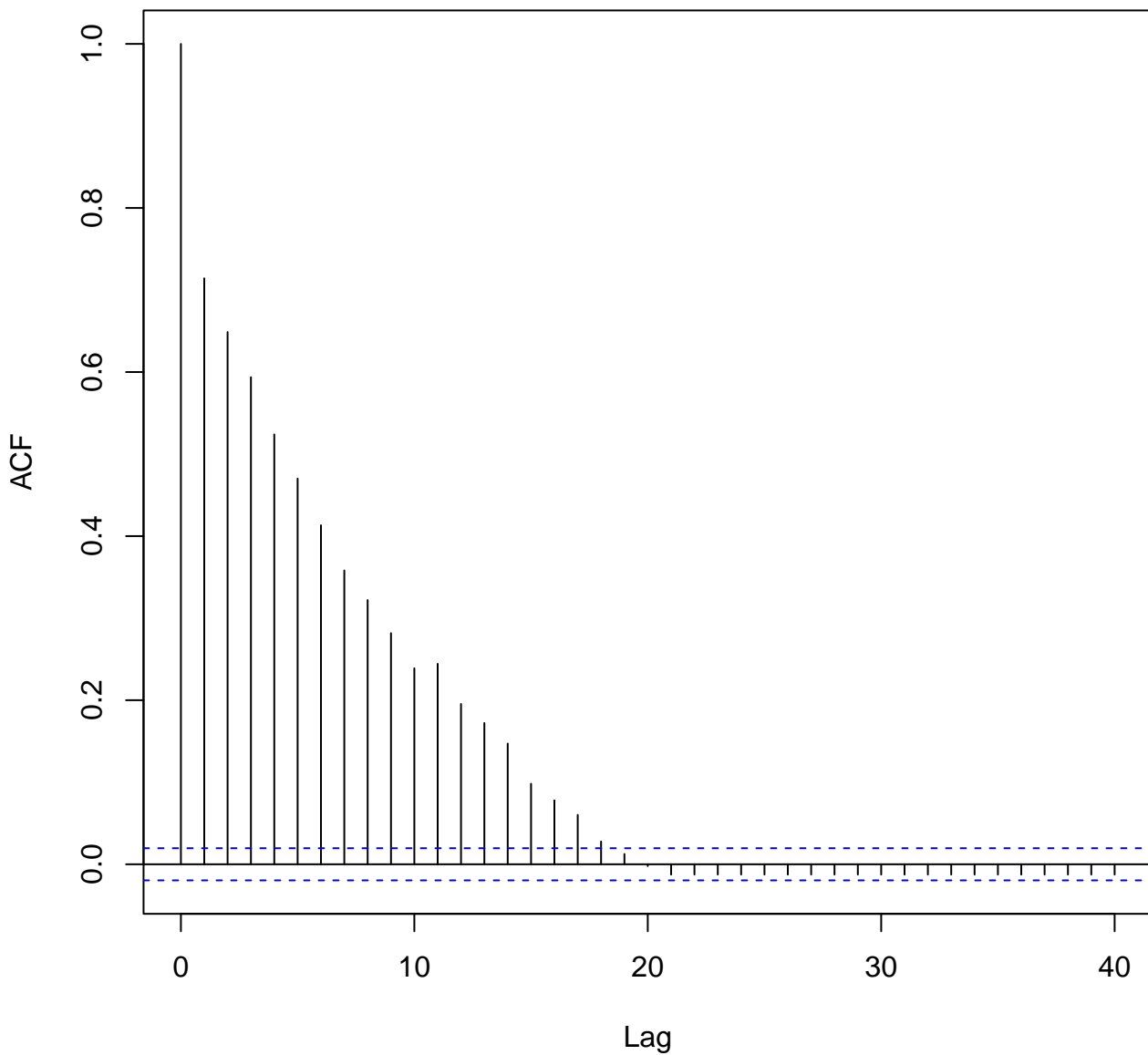
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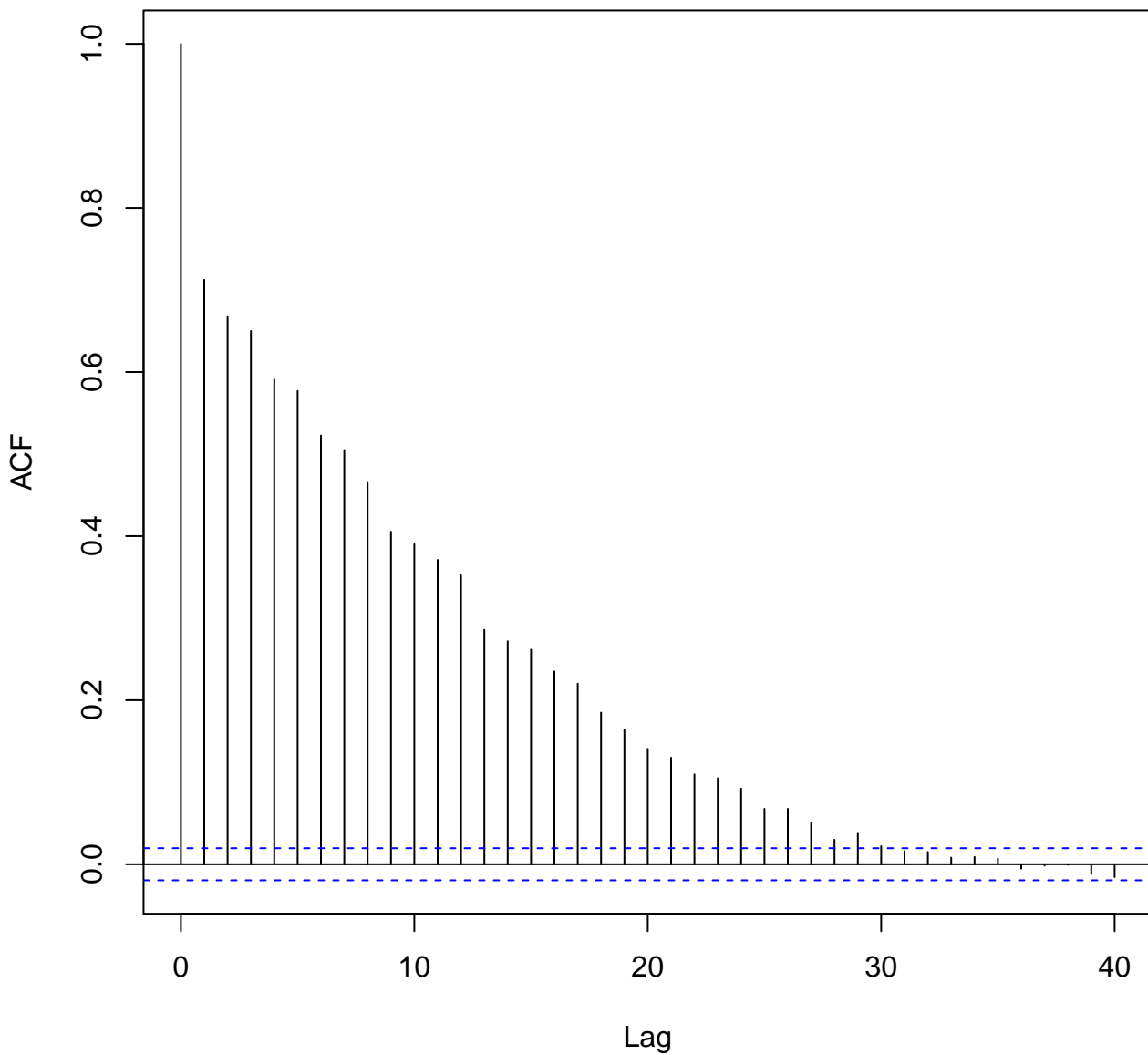
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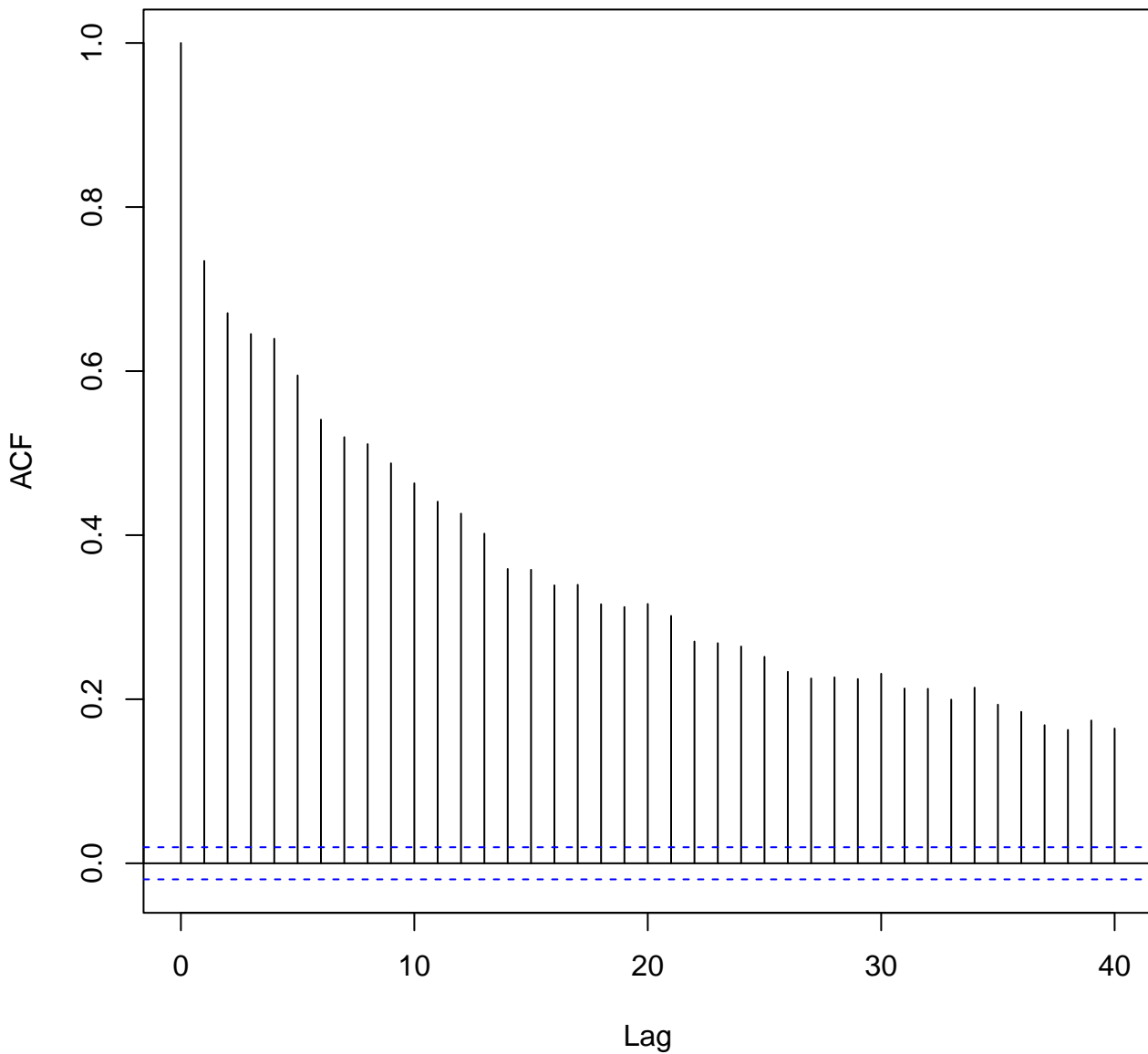
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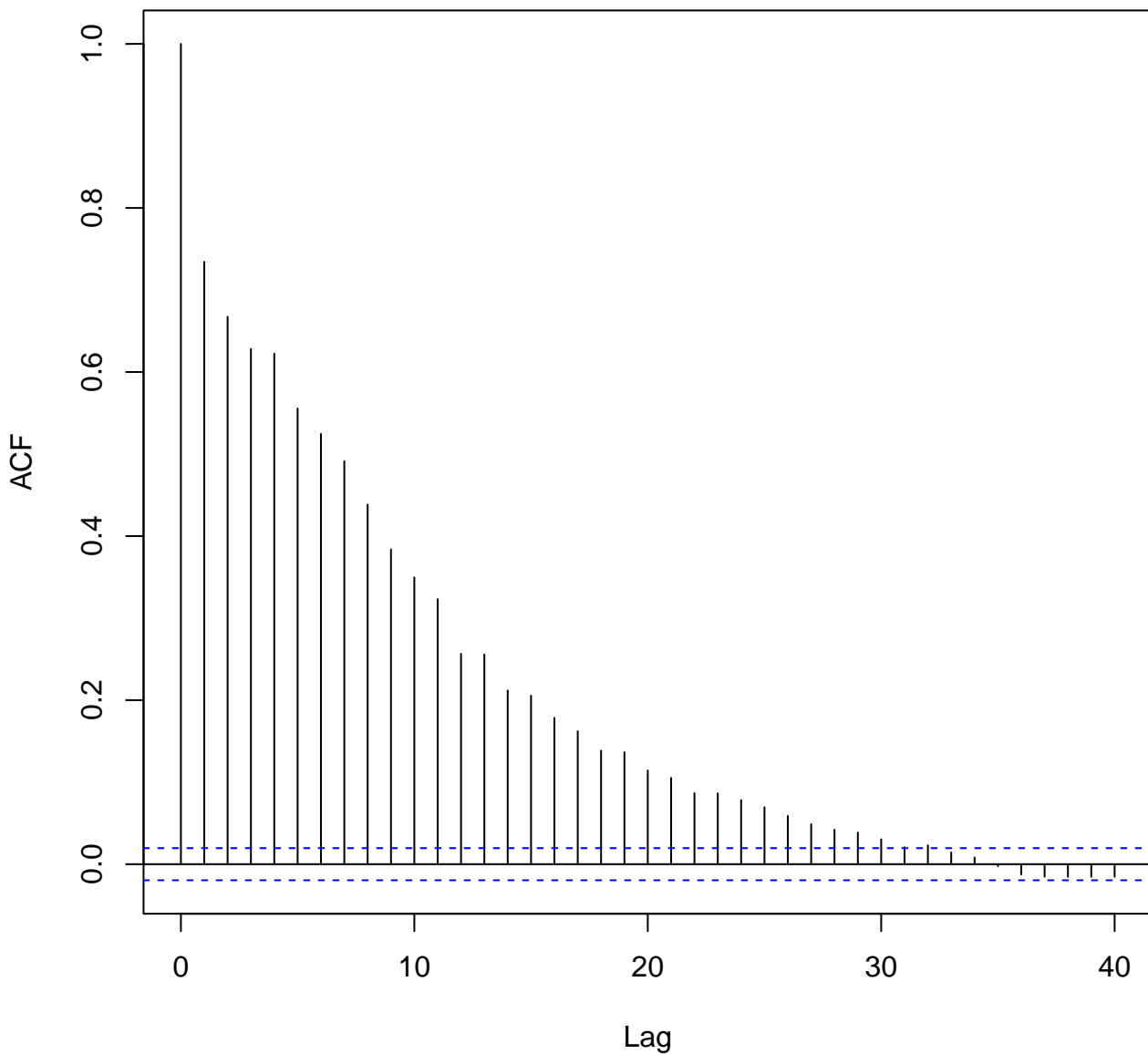
X_25 chain 5



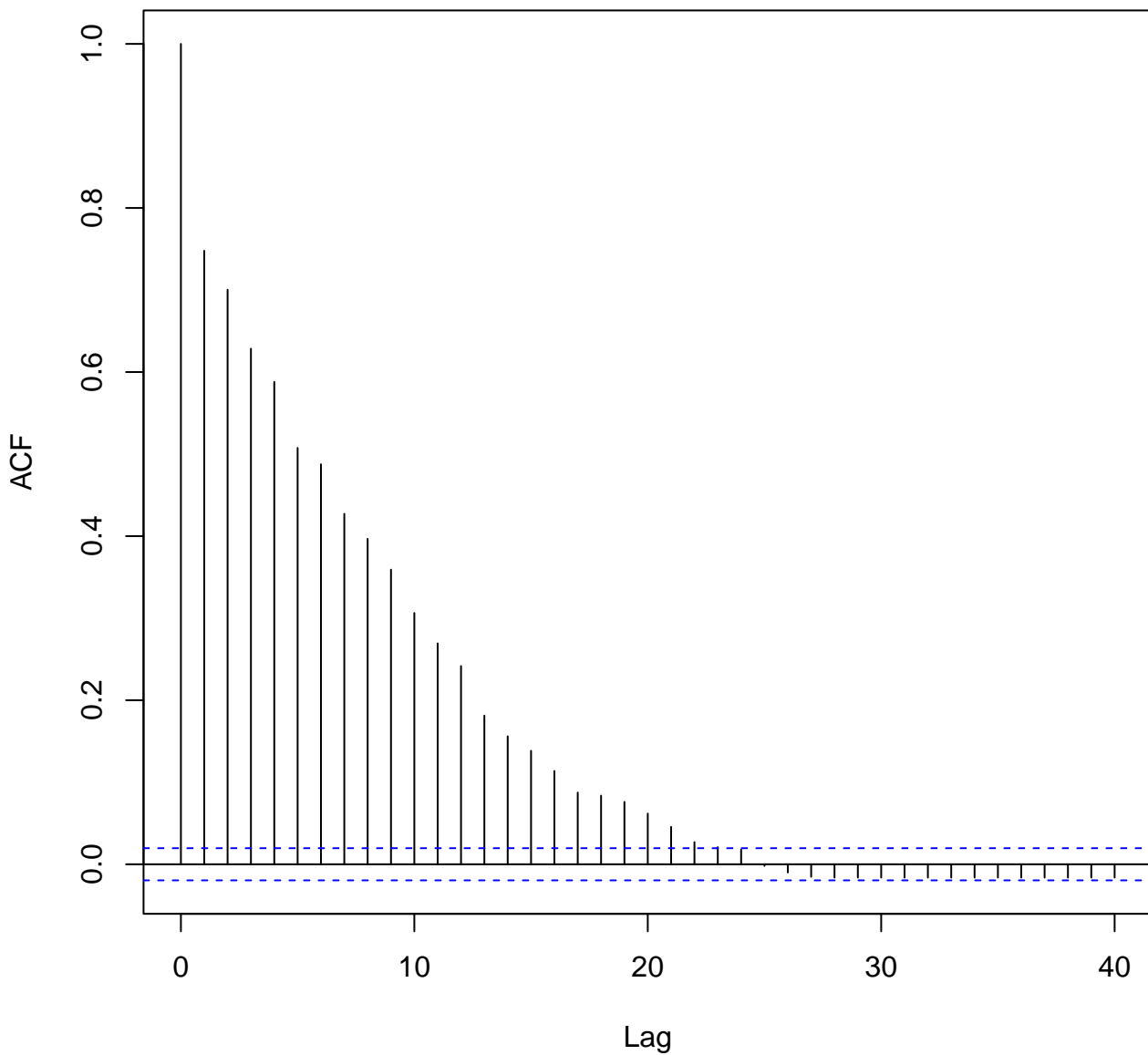
X_25 chain 6



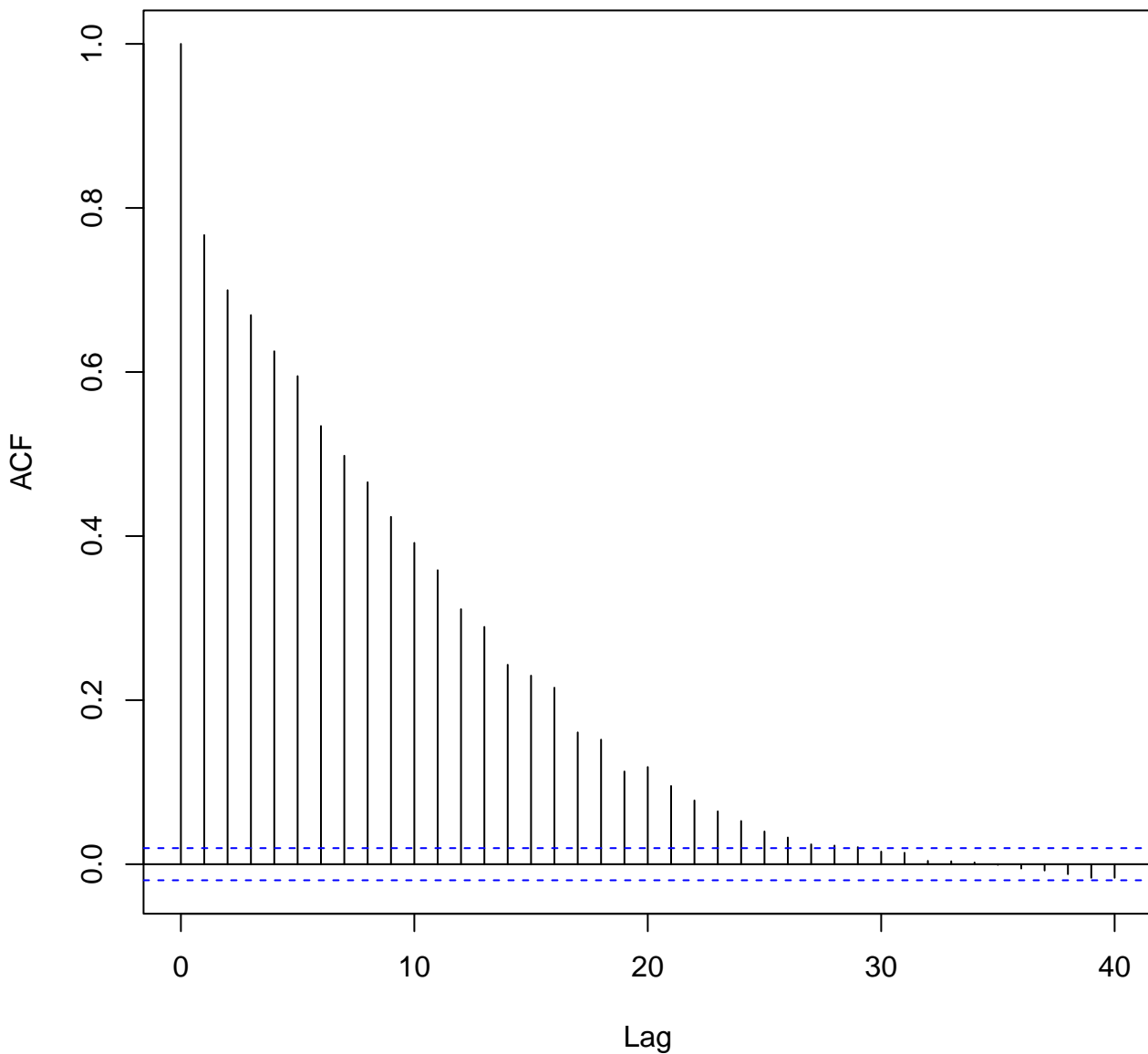
X_26 chain 1



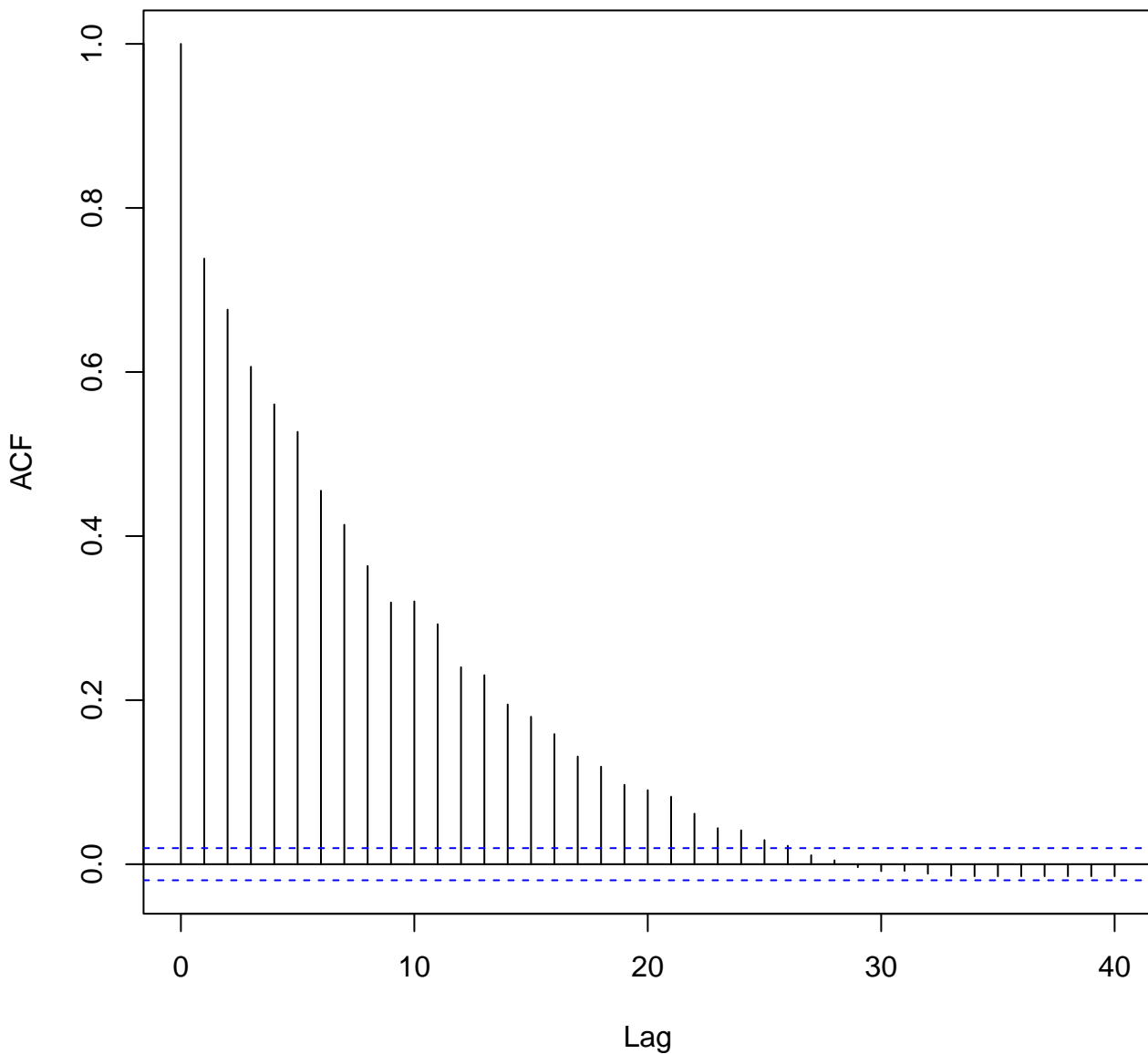
X_26 chain 2



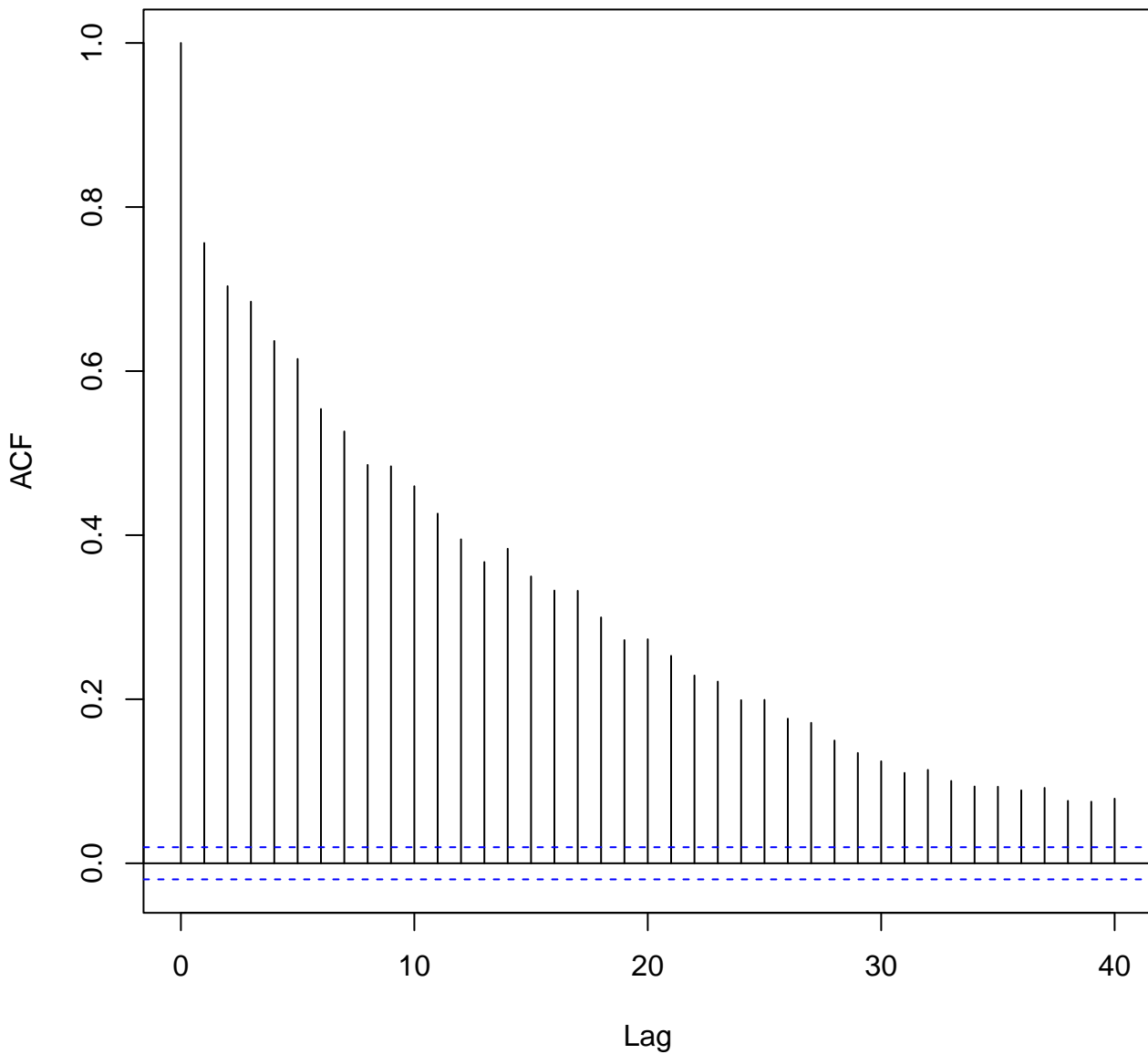
X_26 chain 3



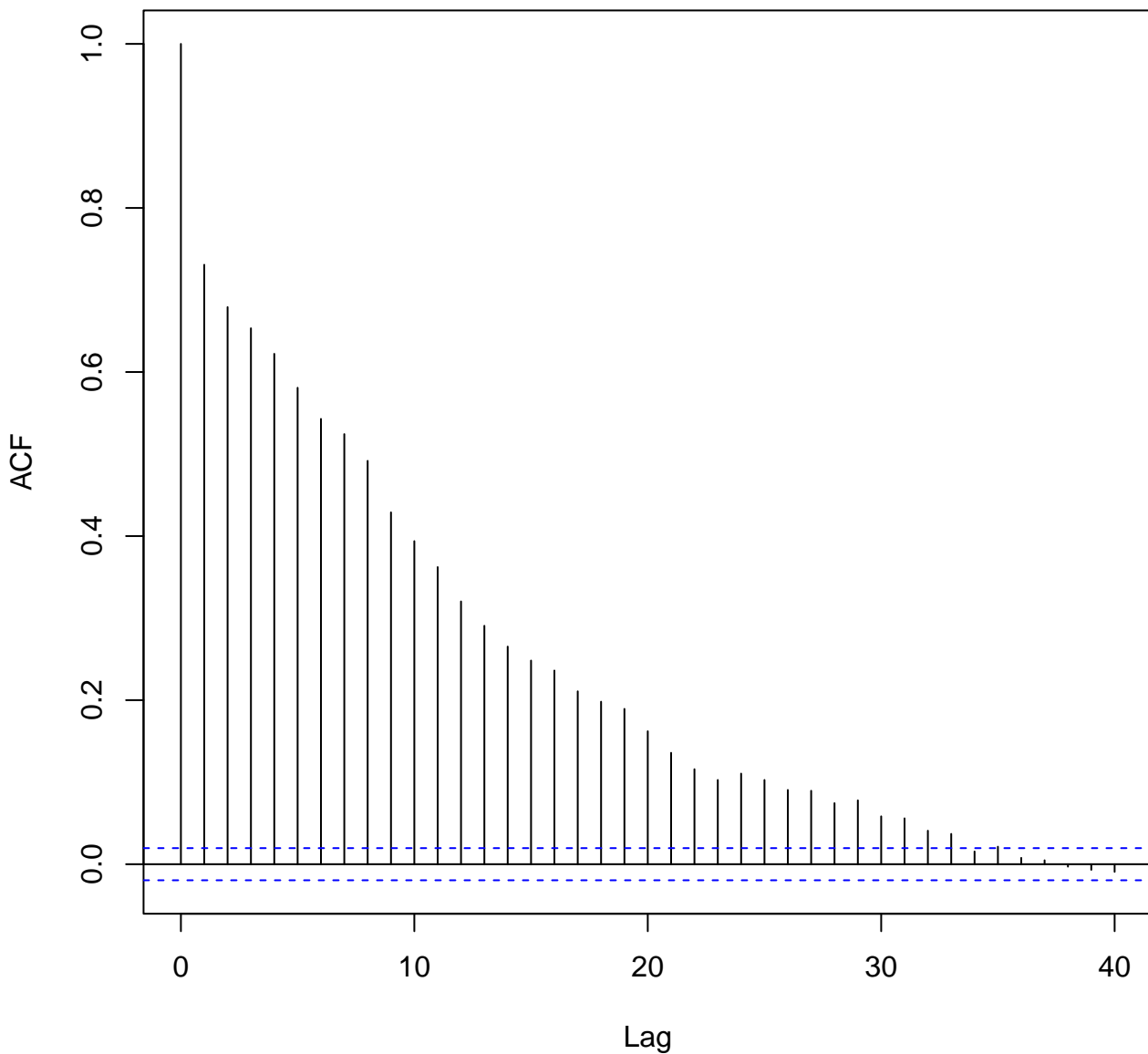
X_26 chain 4



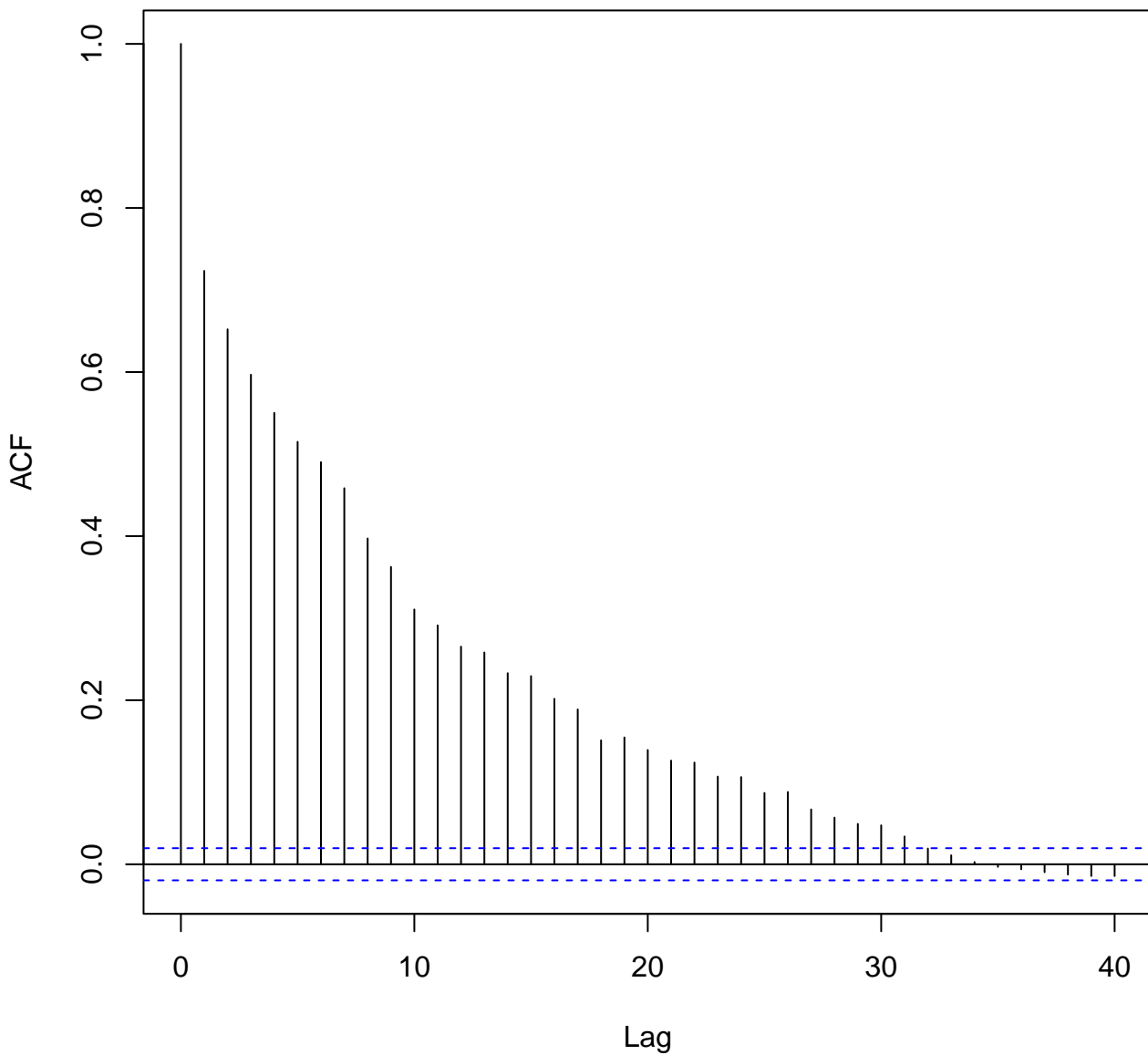
X_26 chain 5



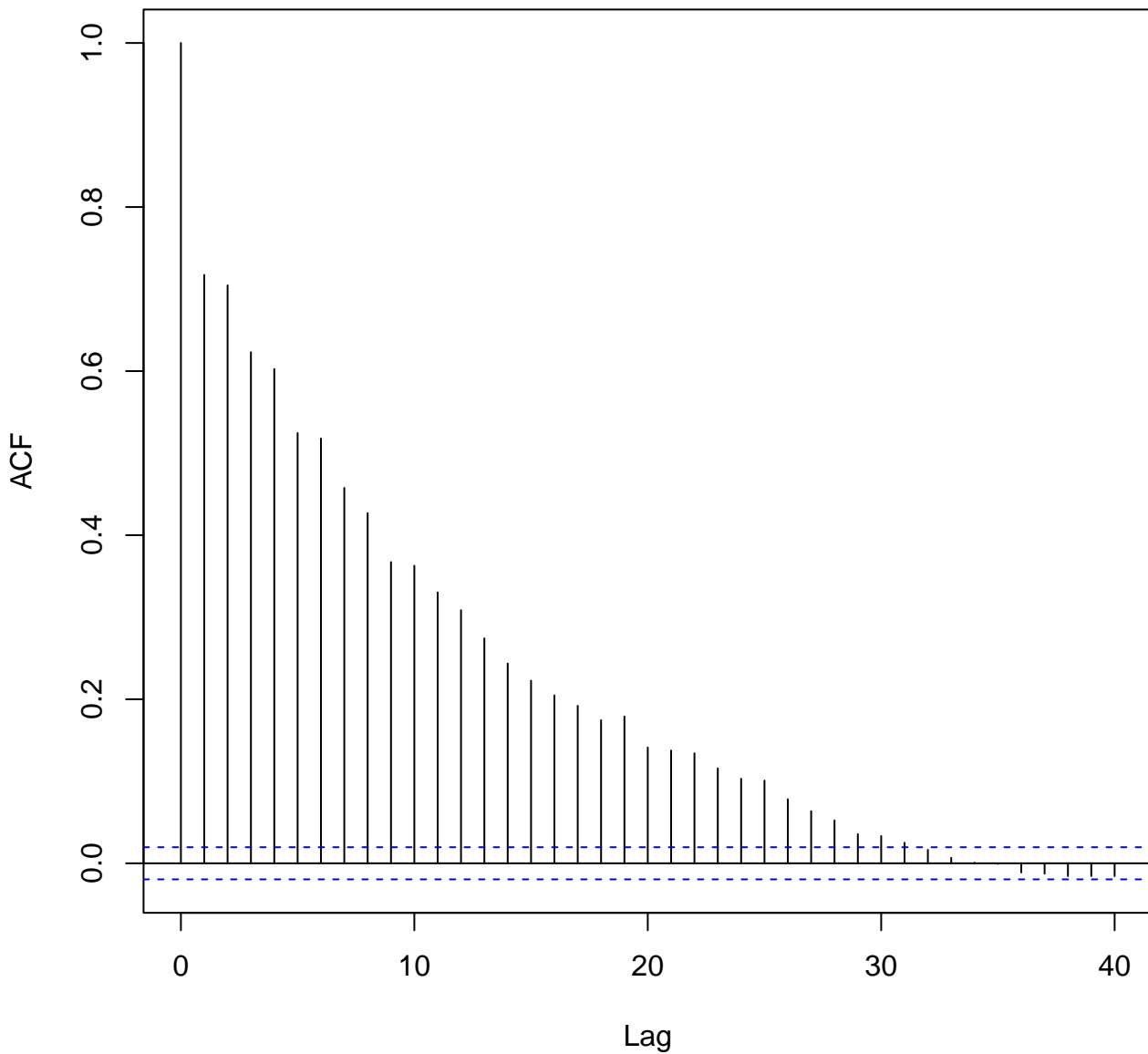
X_26 chain 6



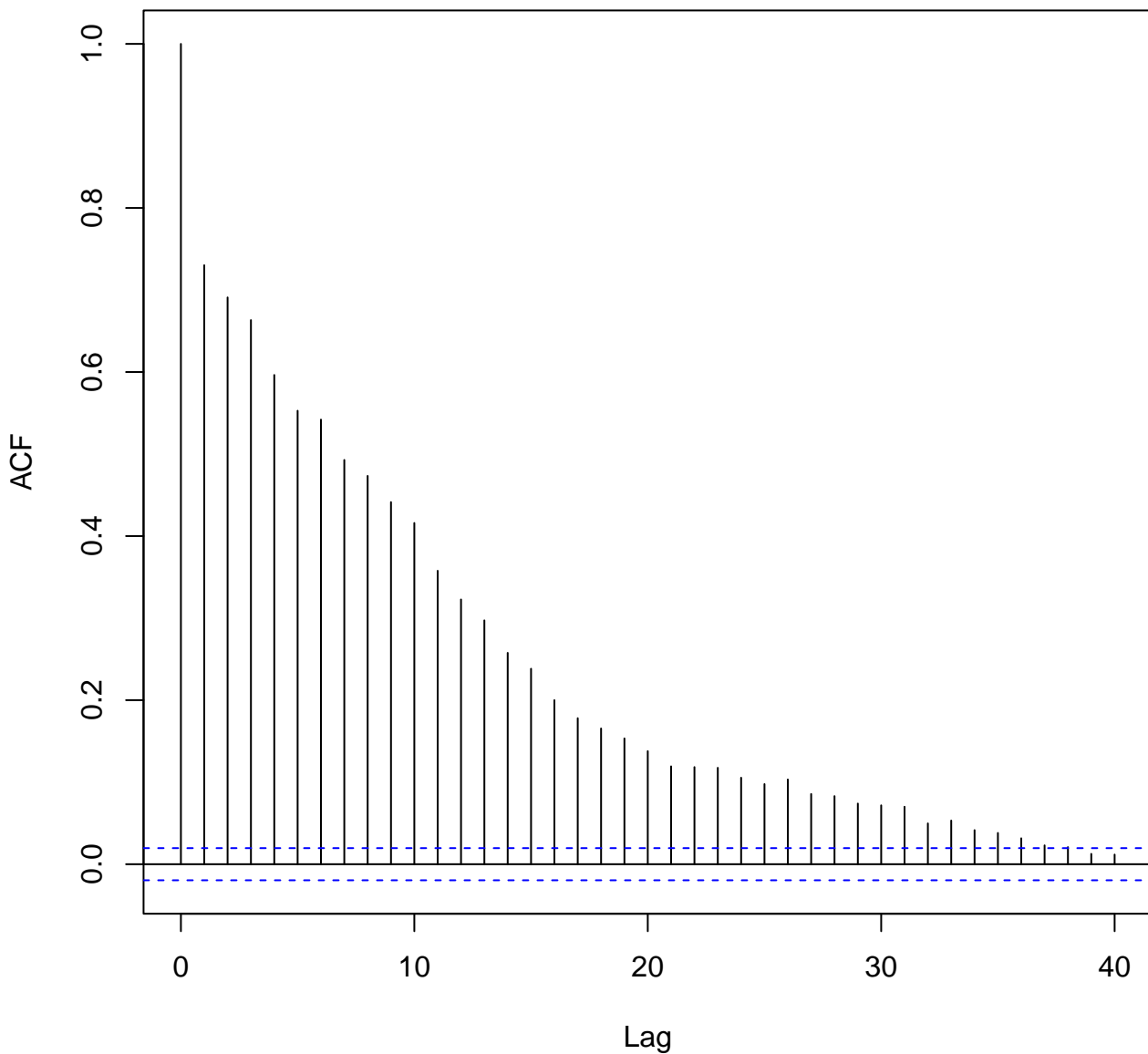
X_27 chain 1



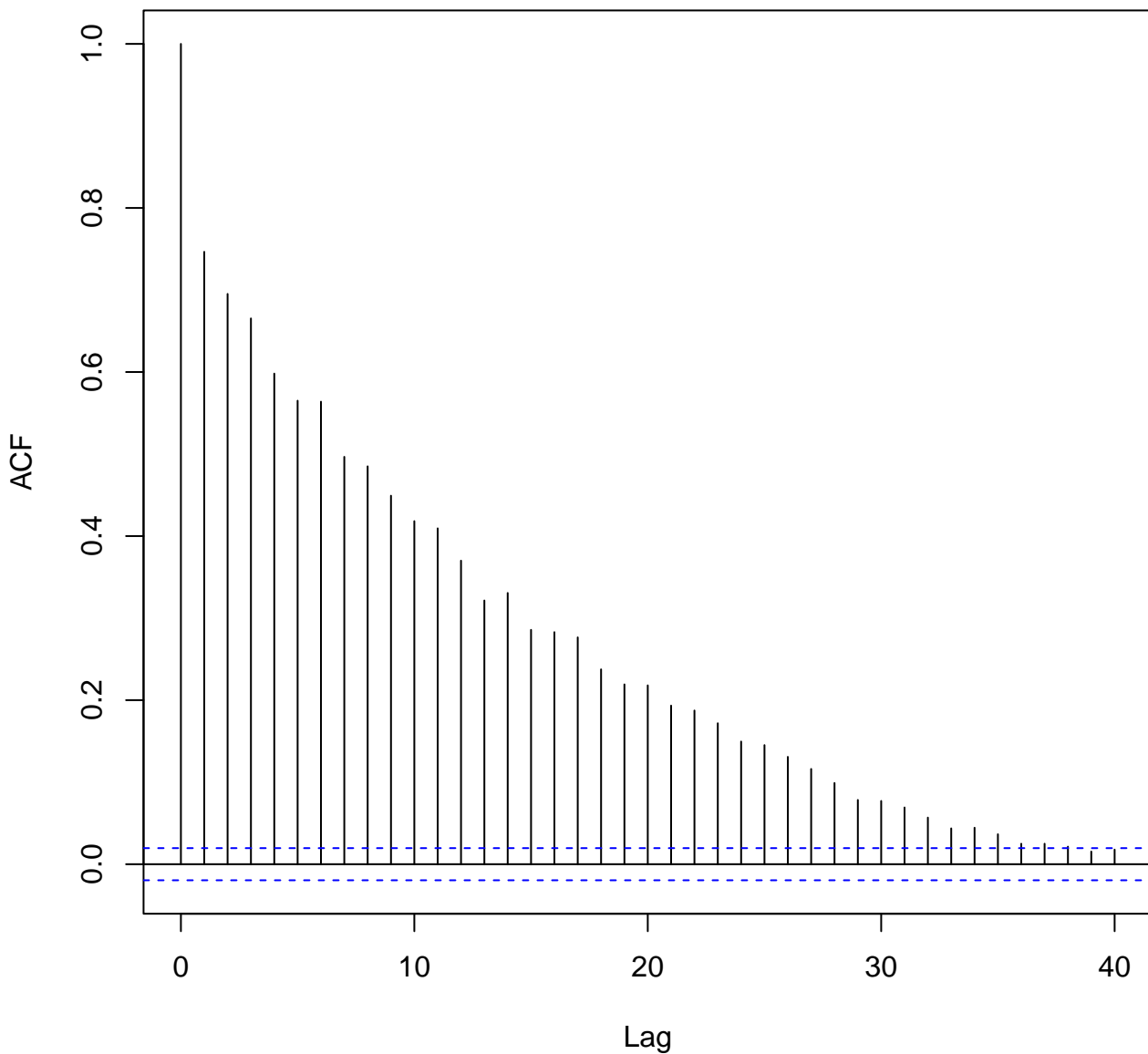
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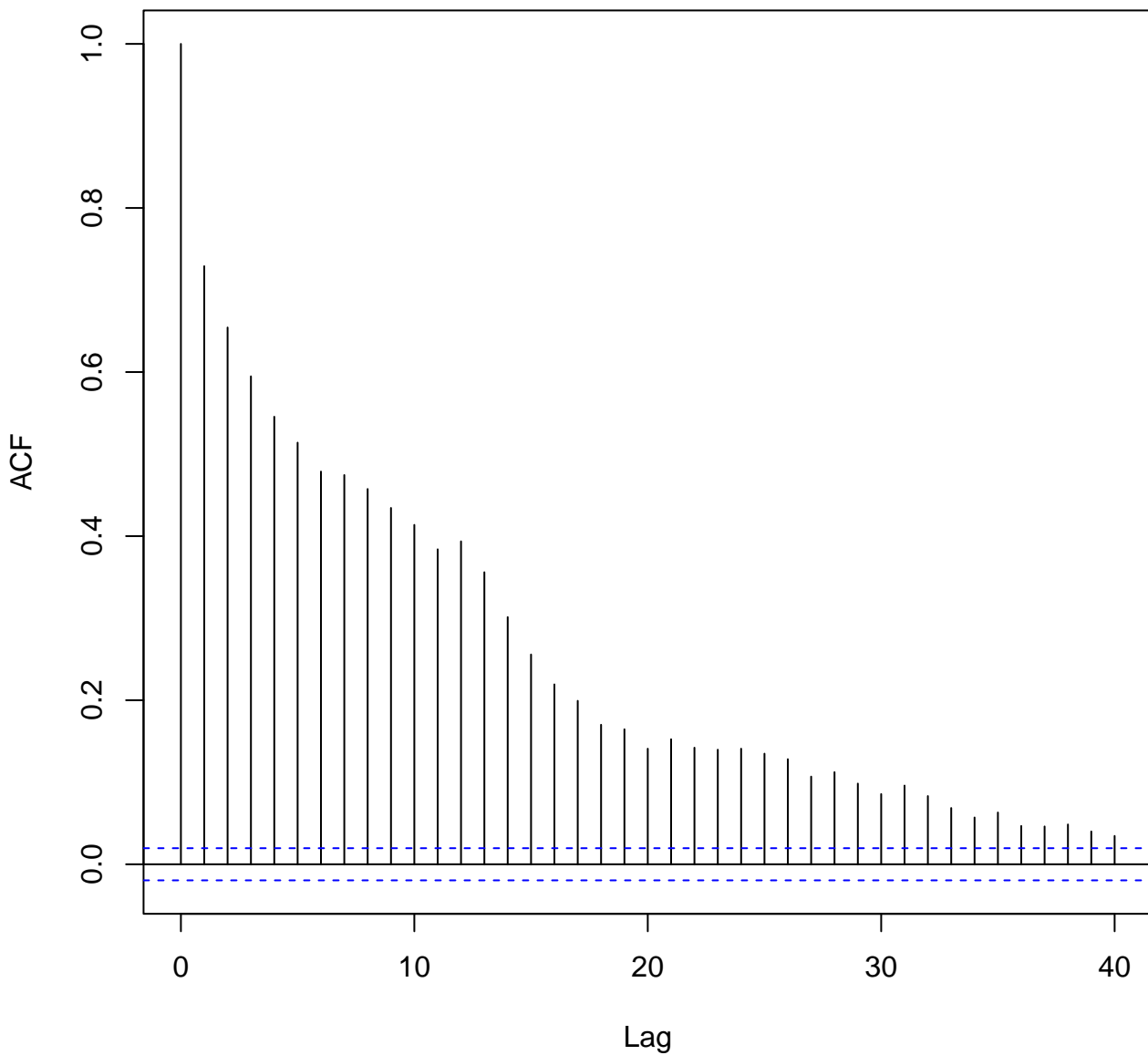
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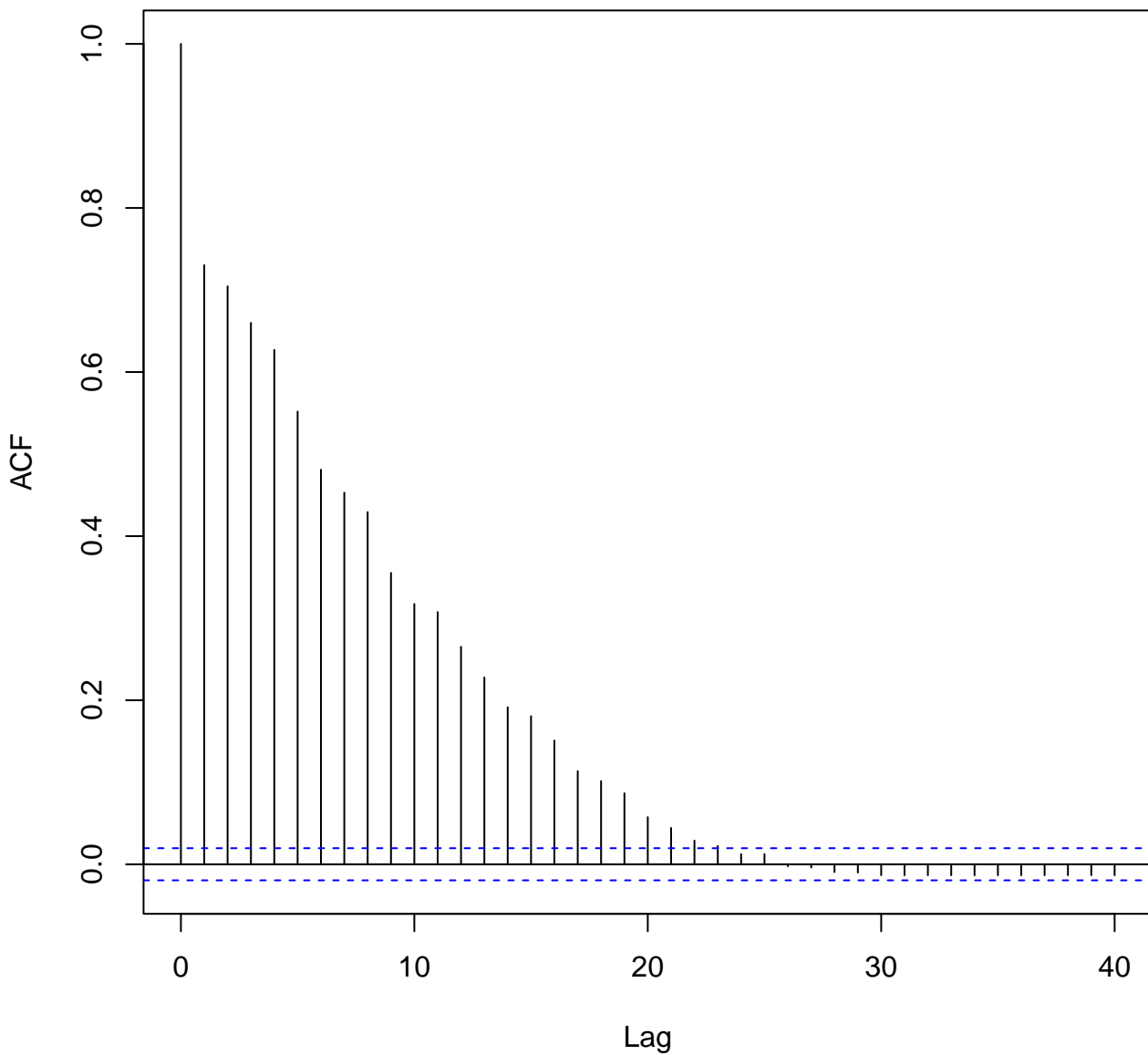
X_27 chain 4



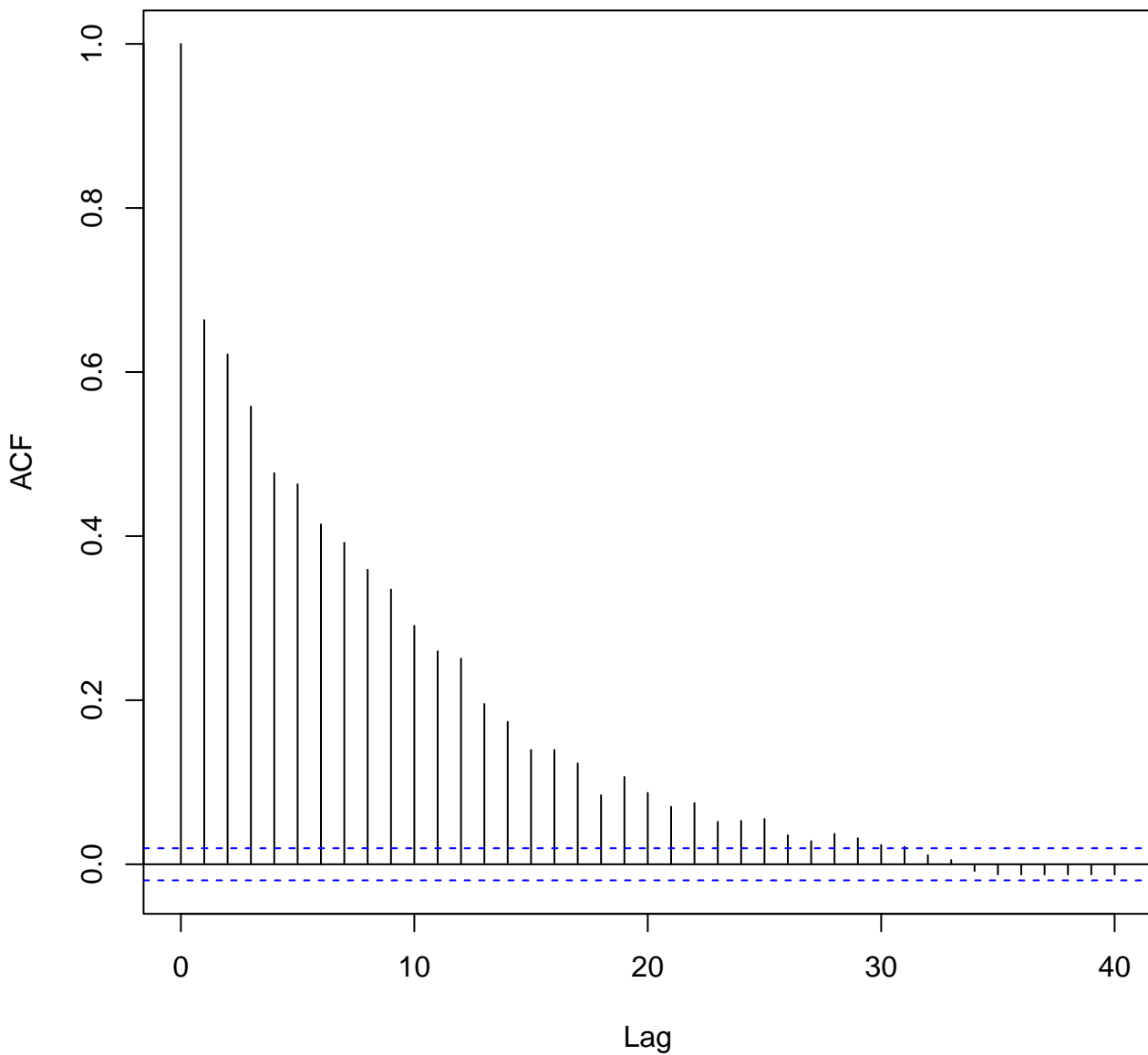
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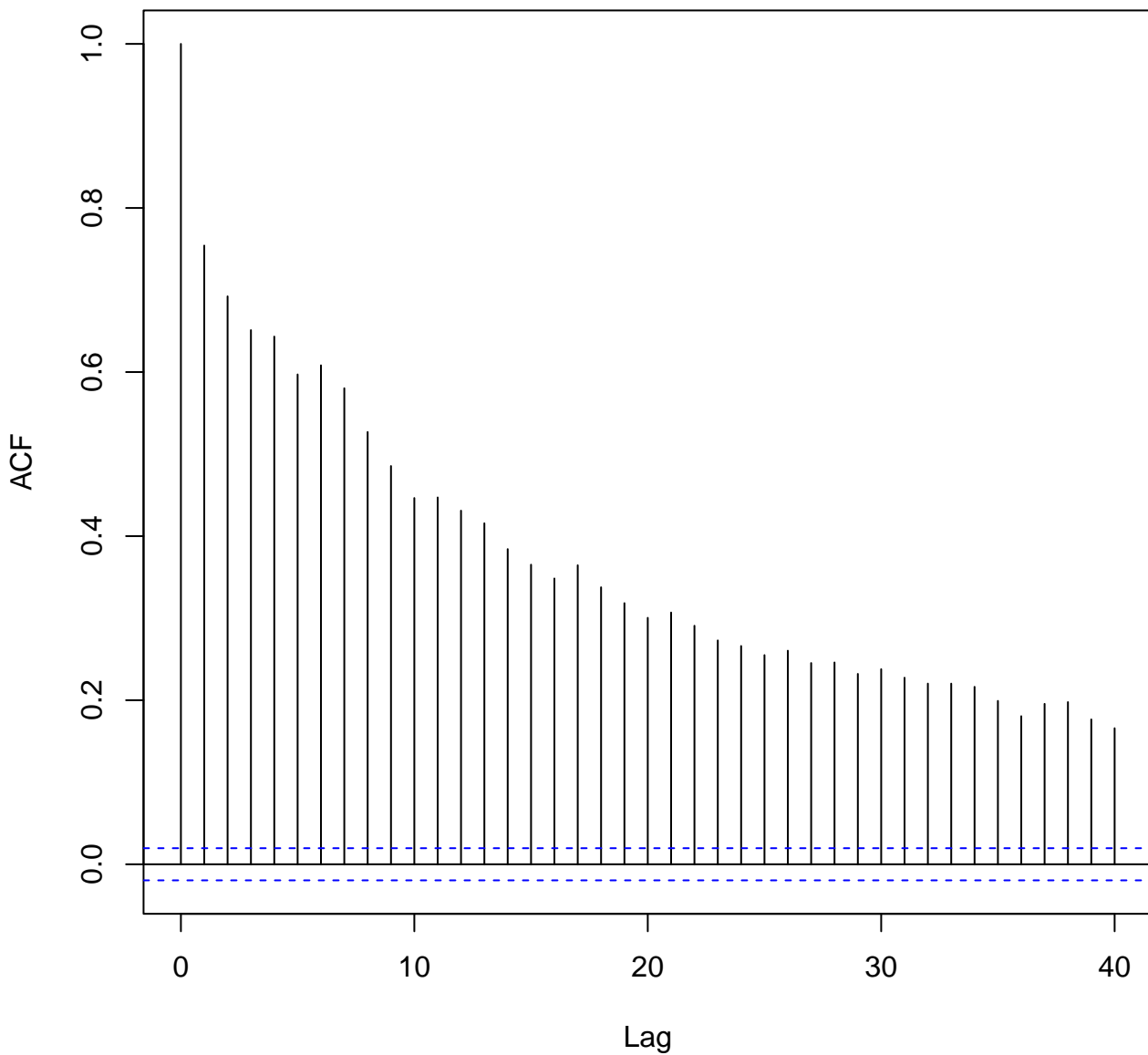
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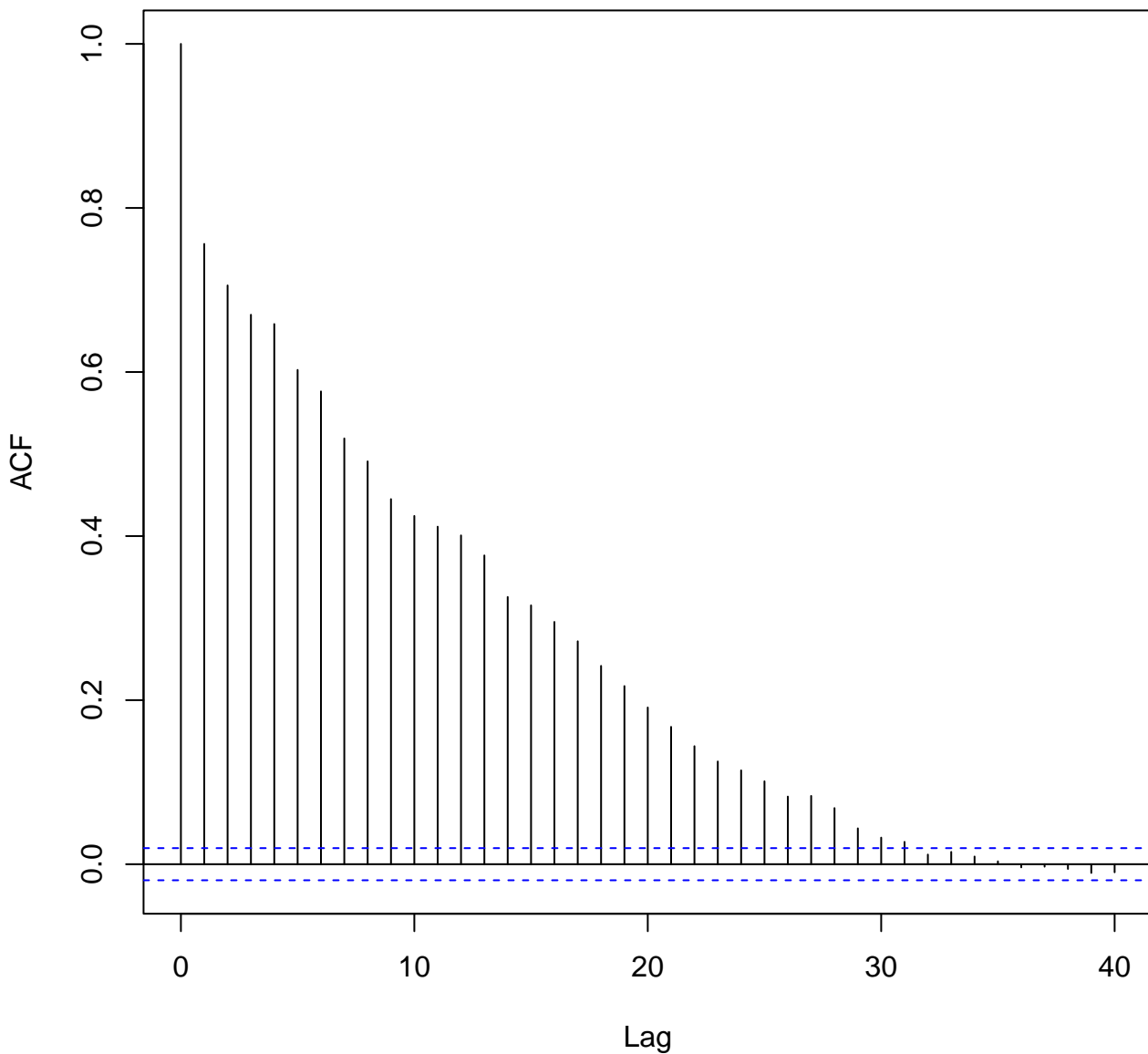
X_28 chain 1



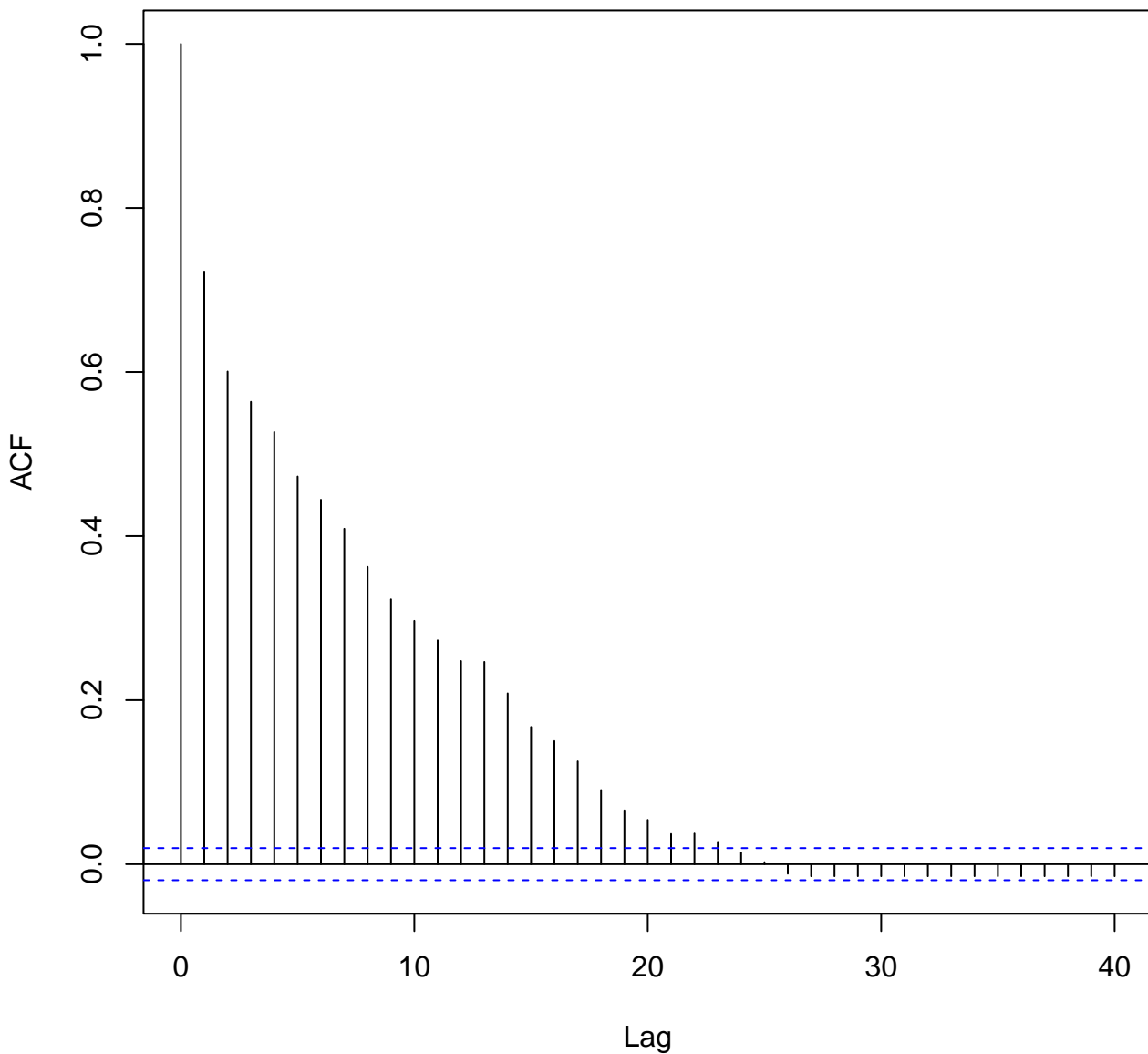
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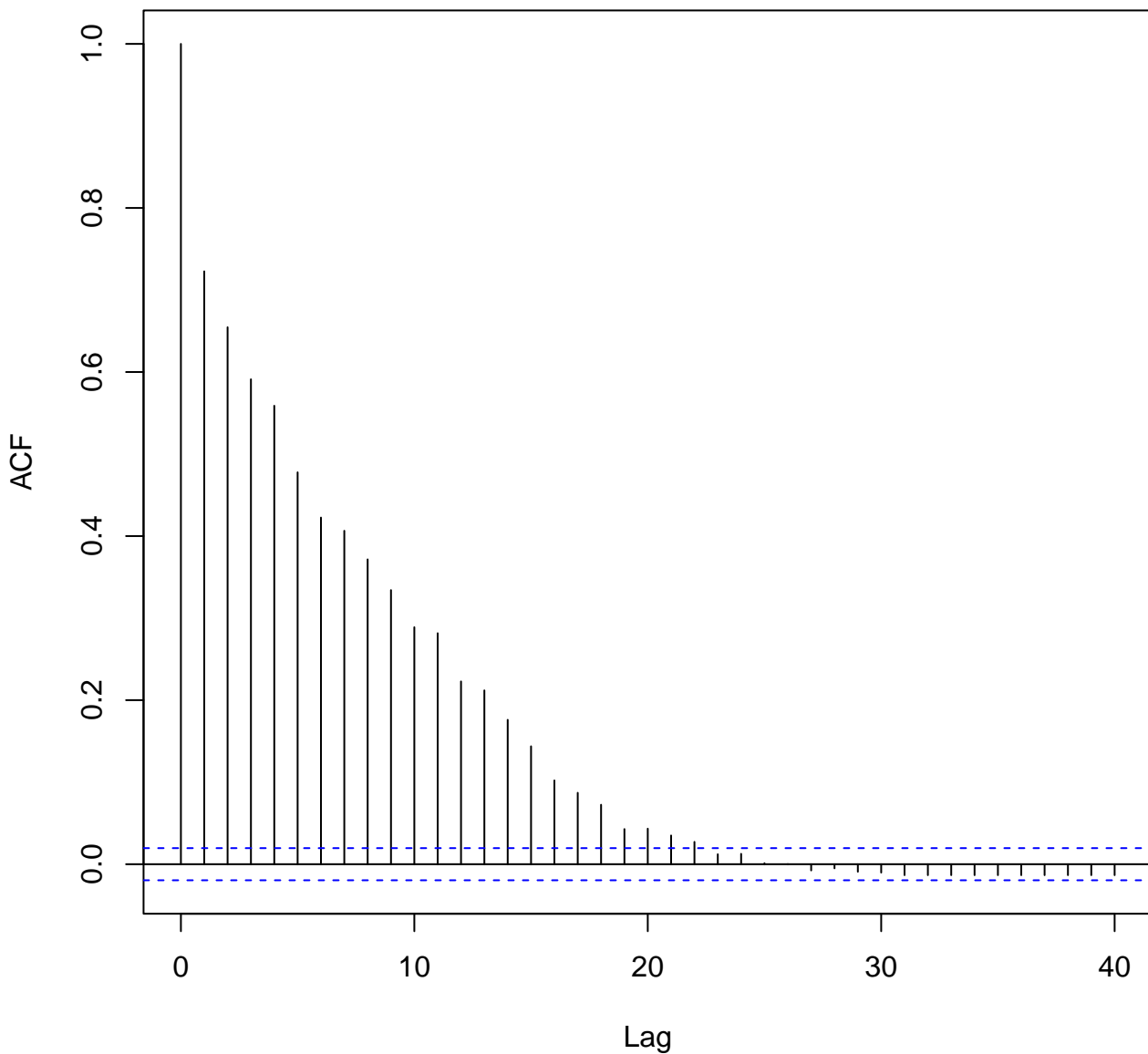
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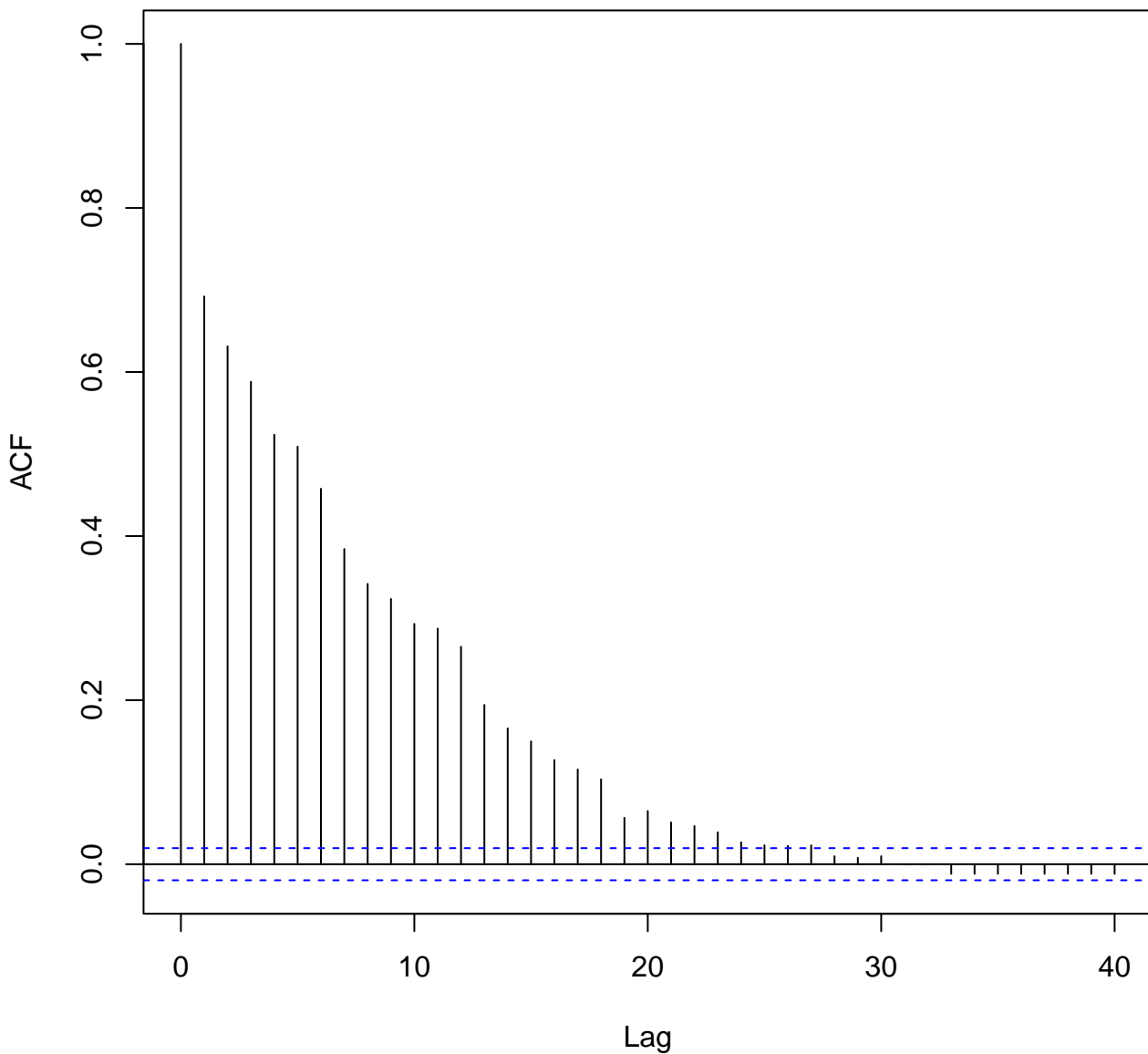
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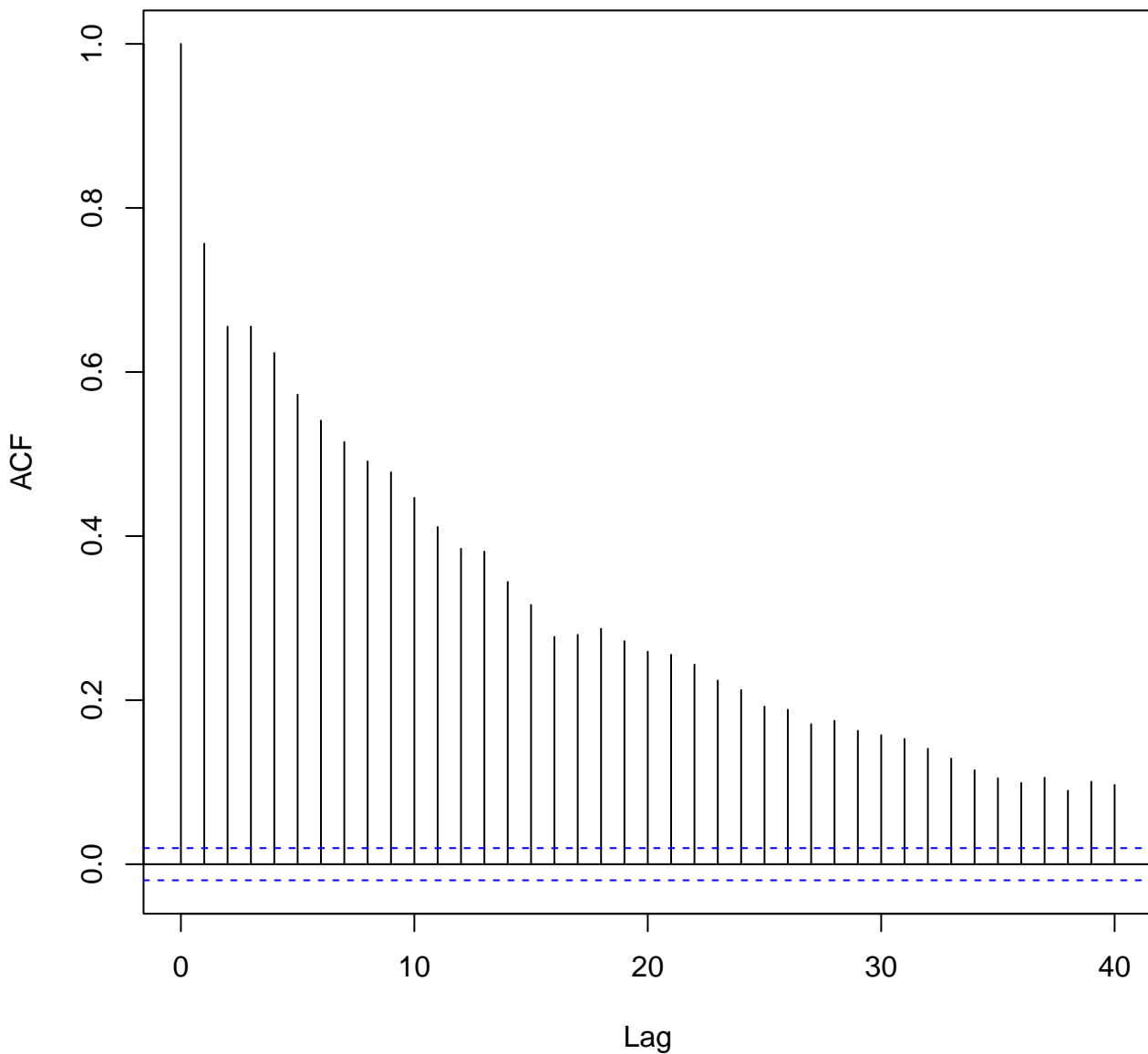
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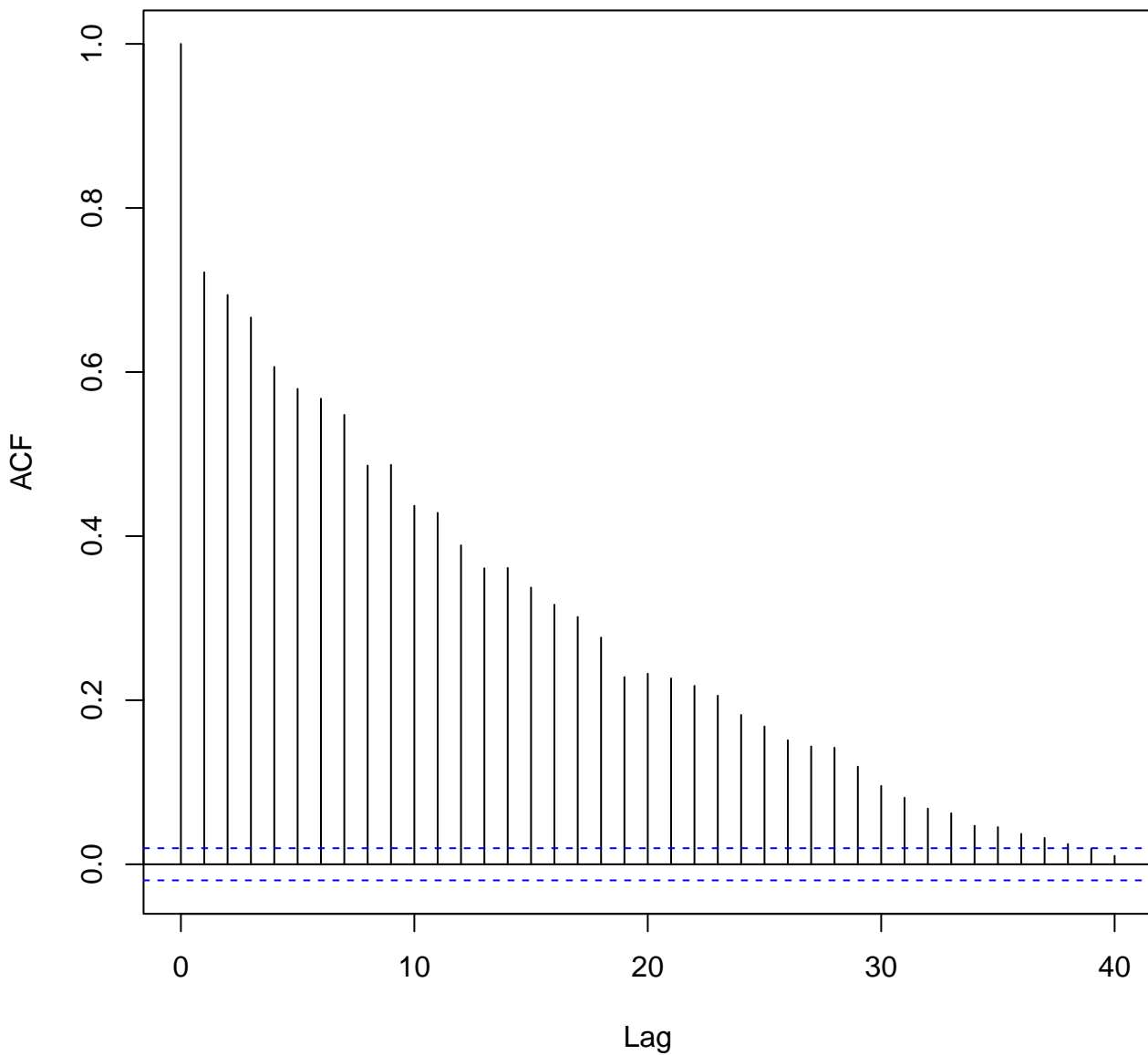
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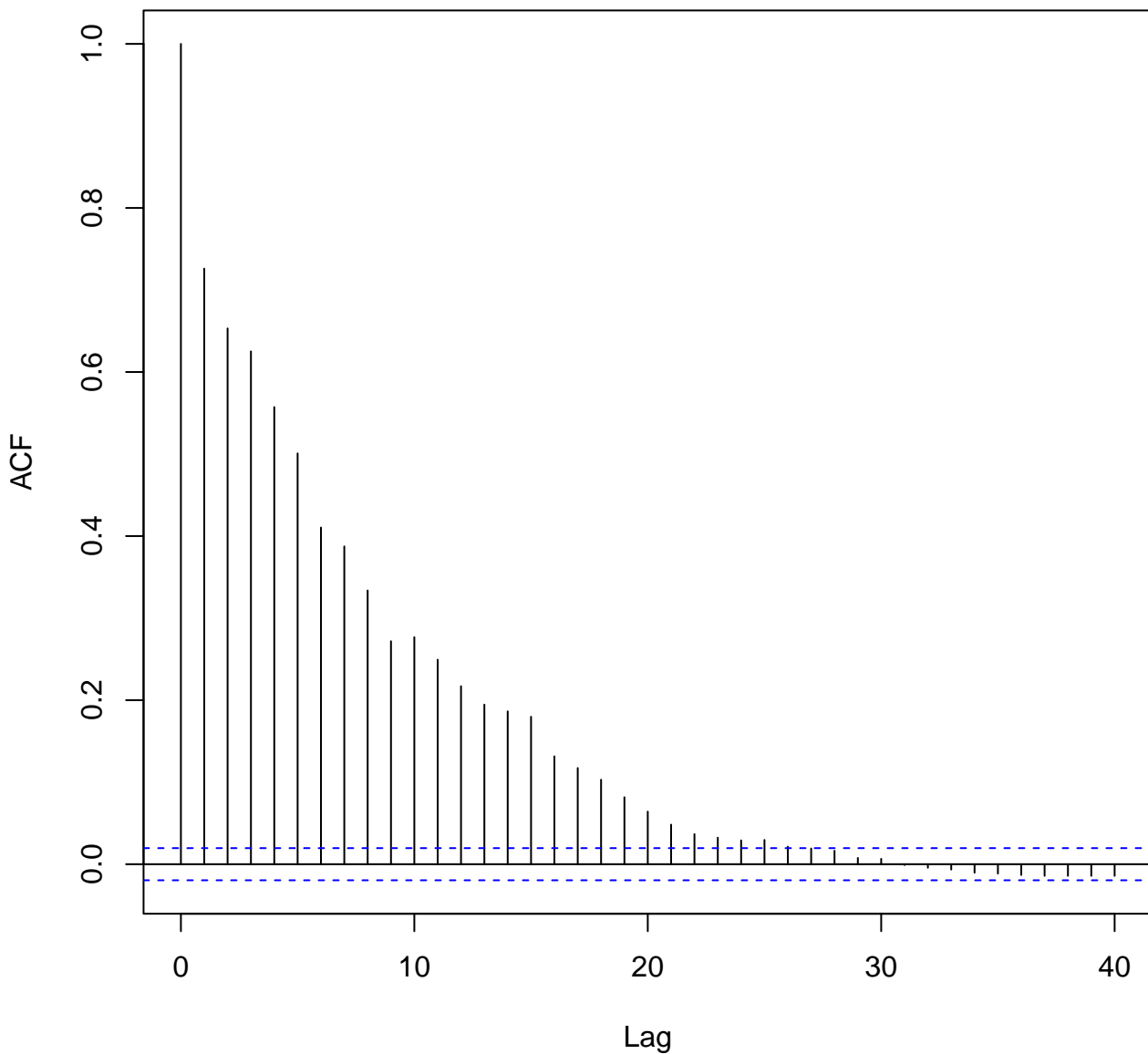
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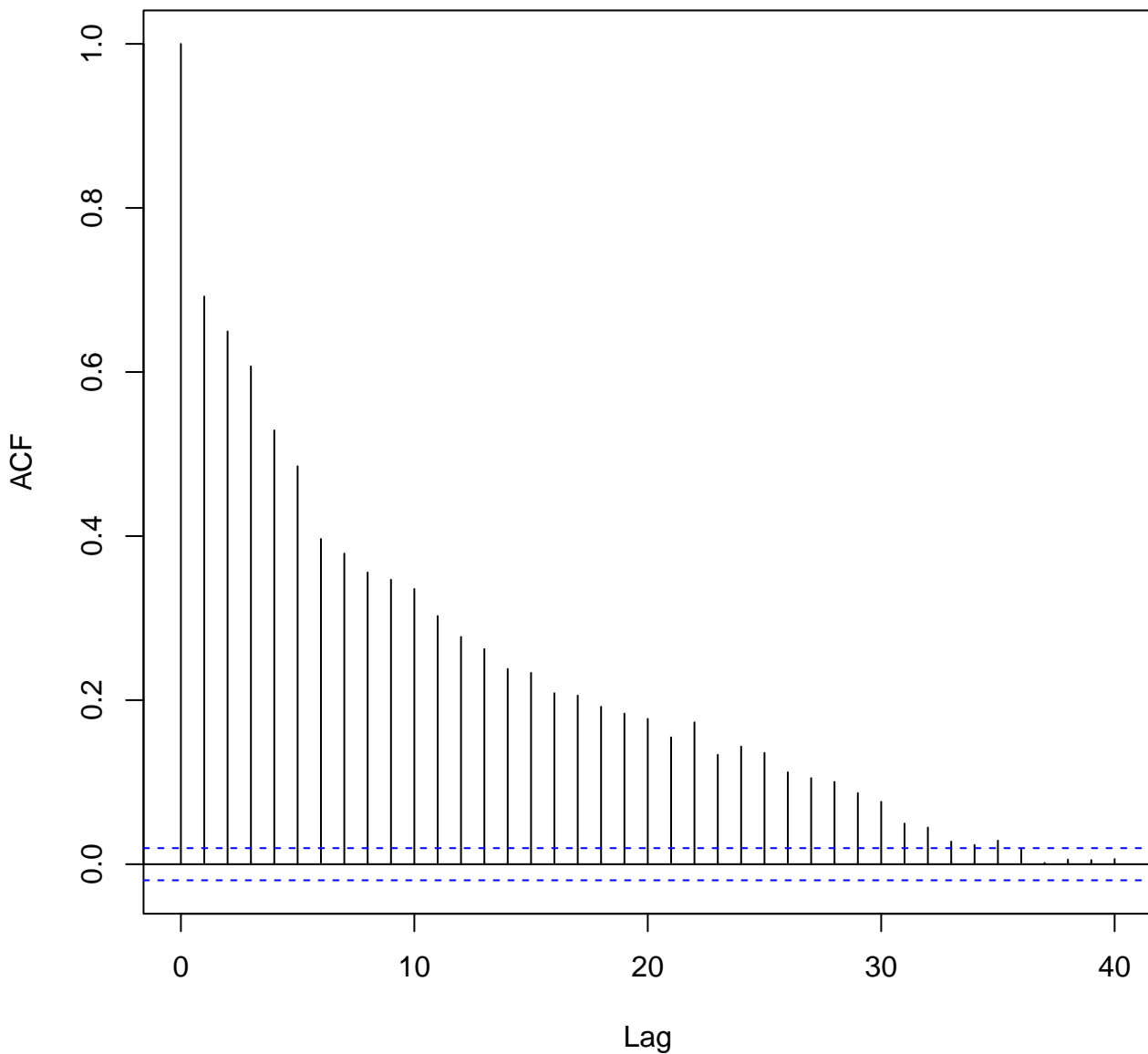
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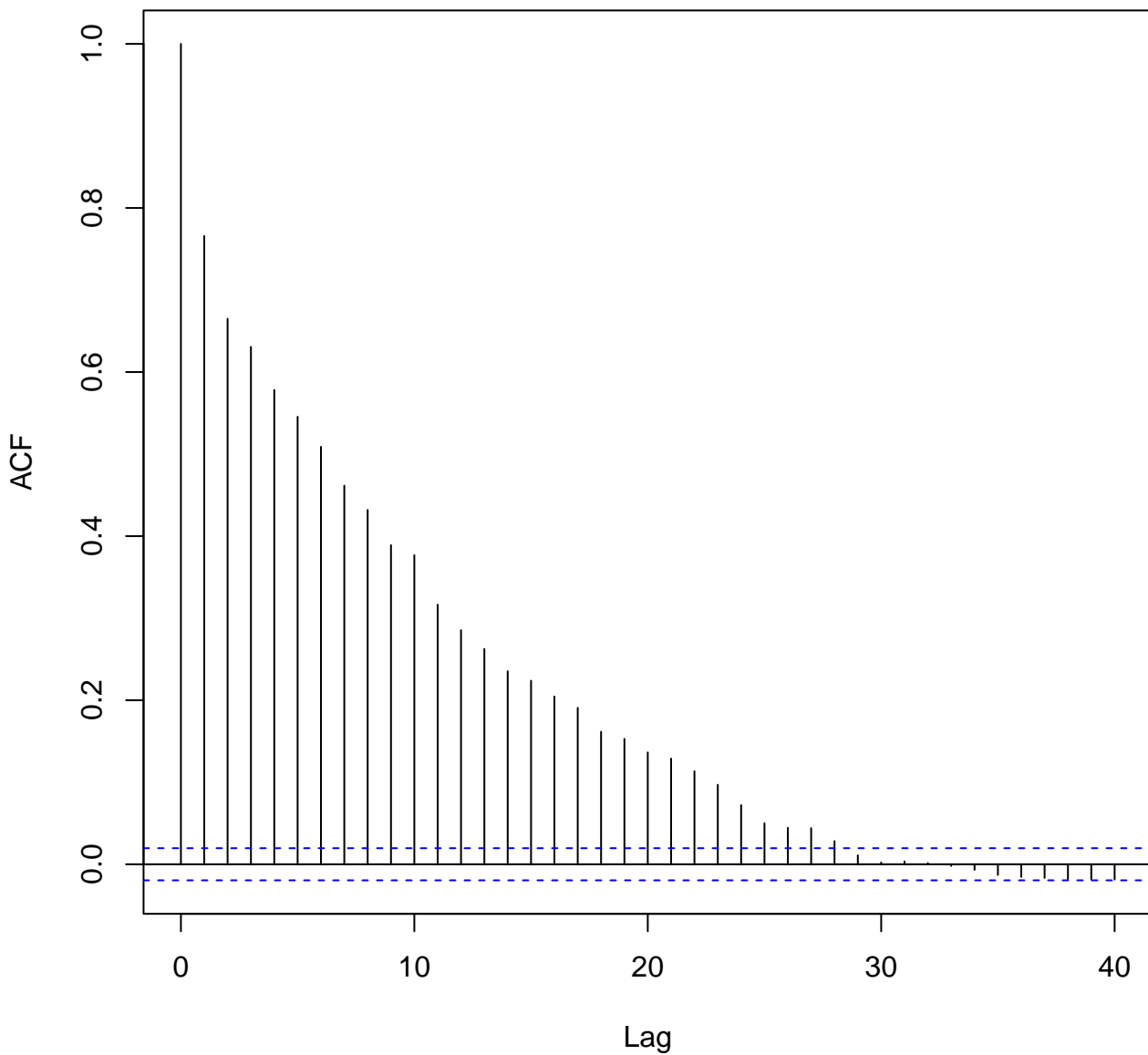
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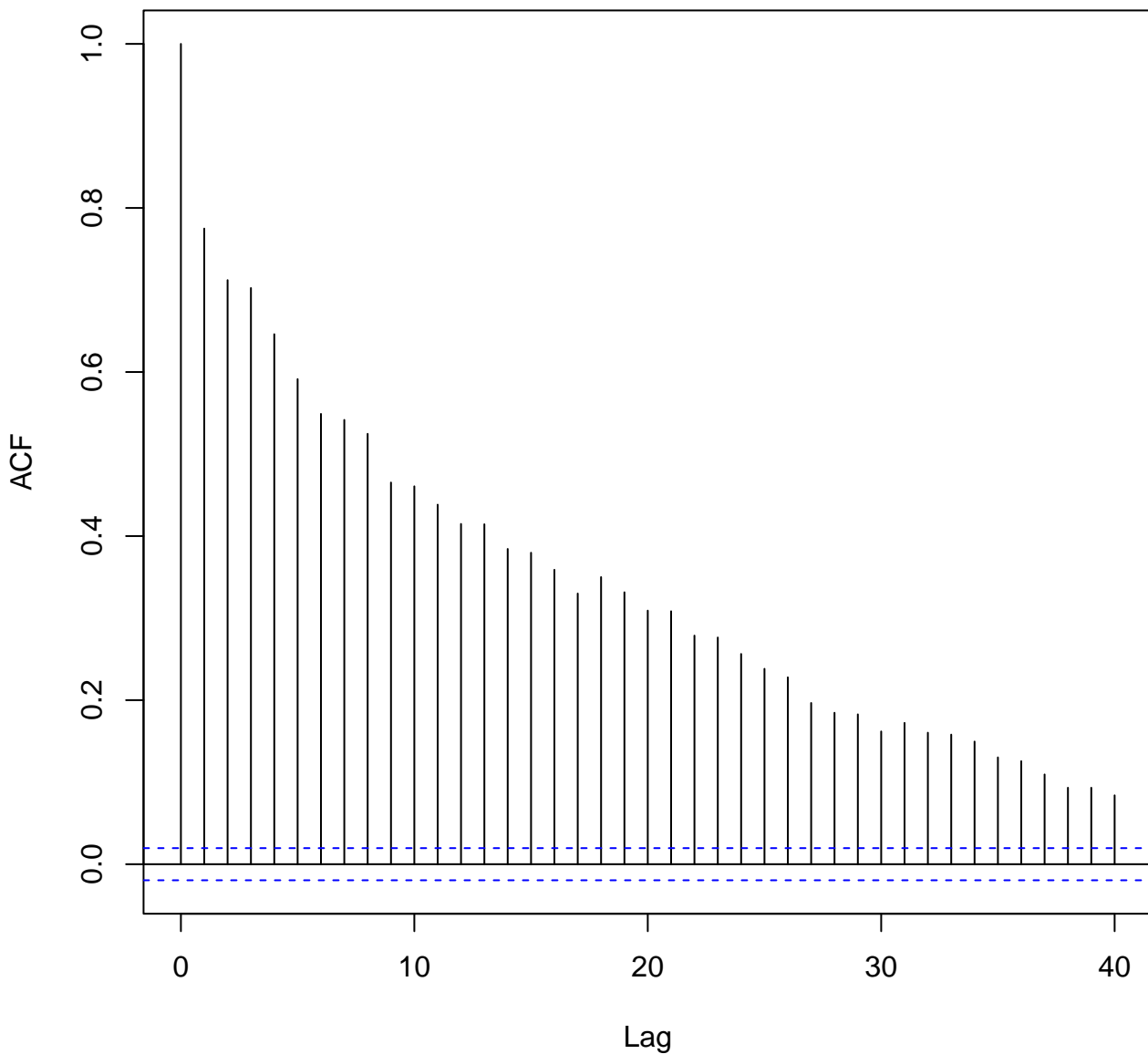
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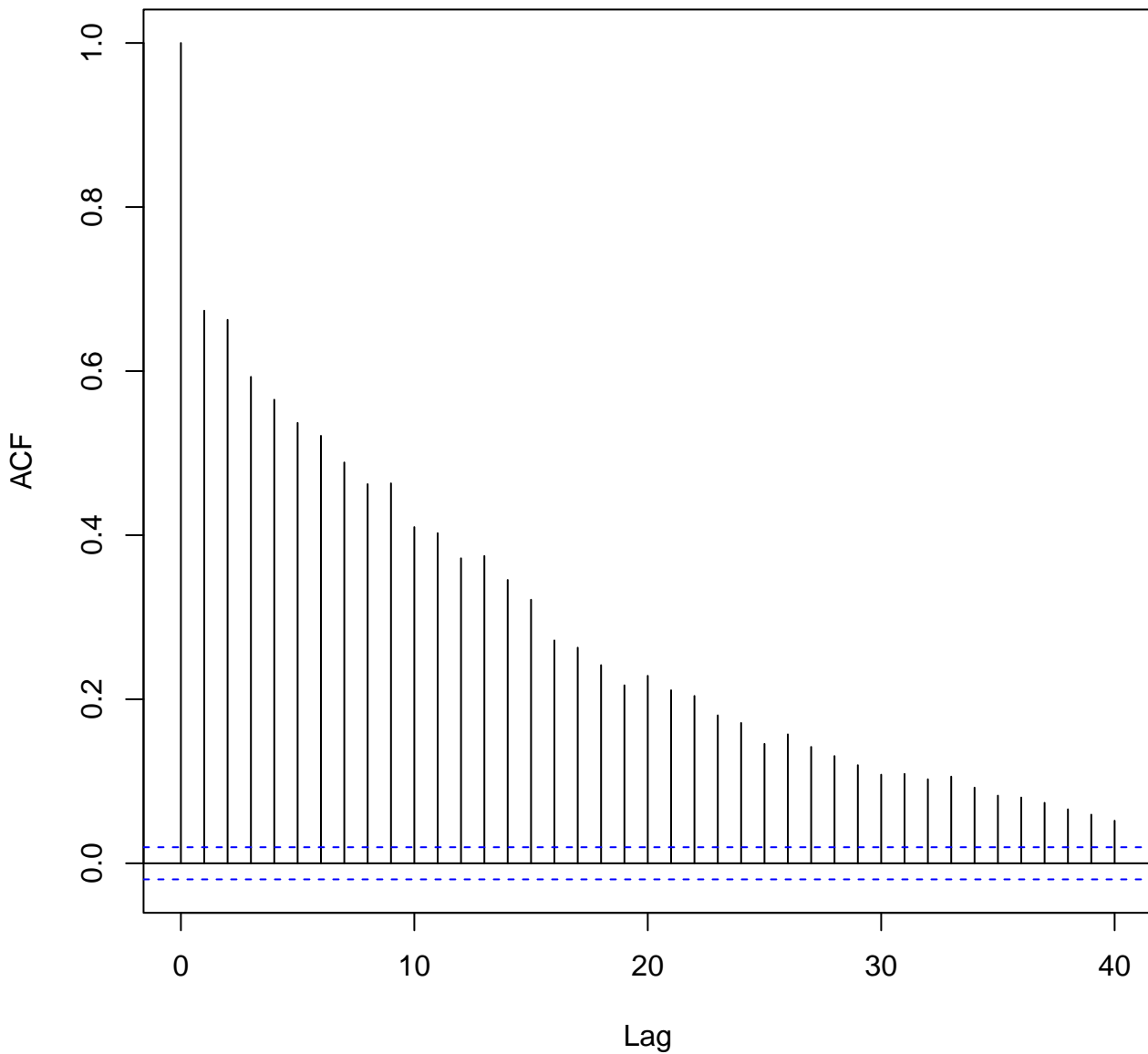
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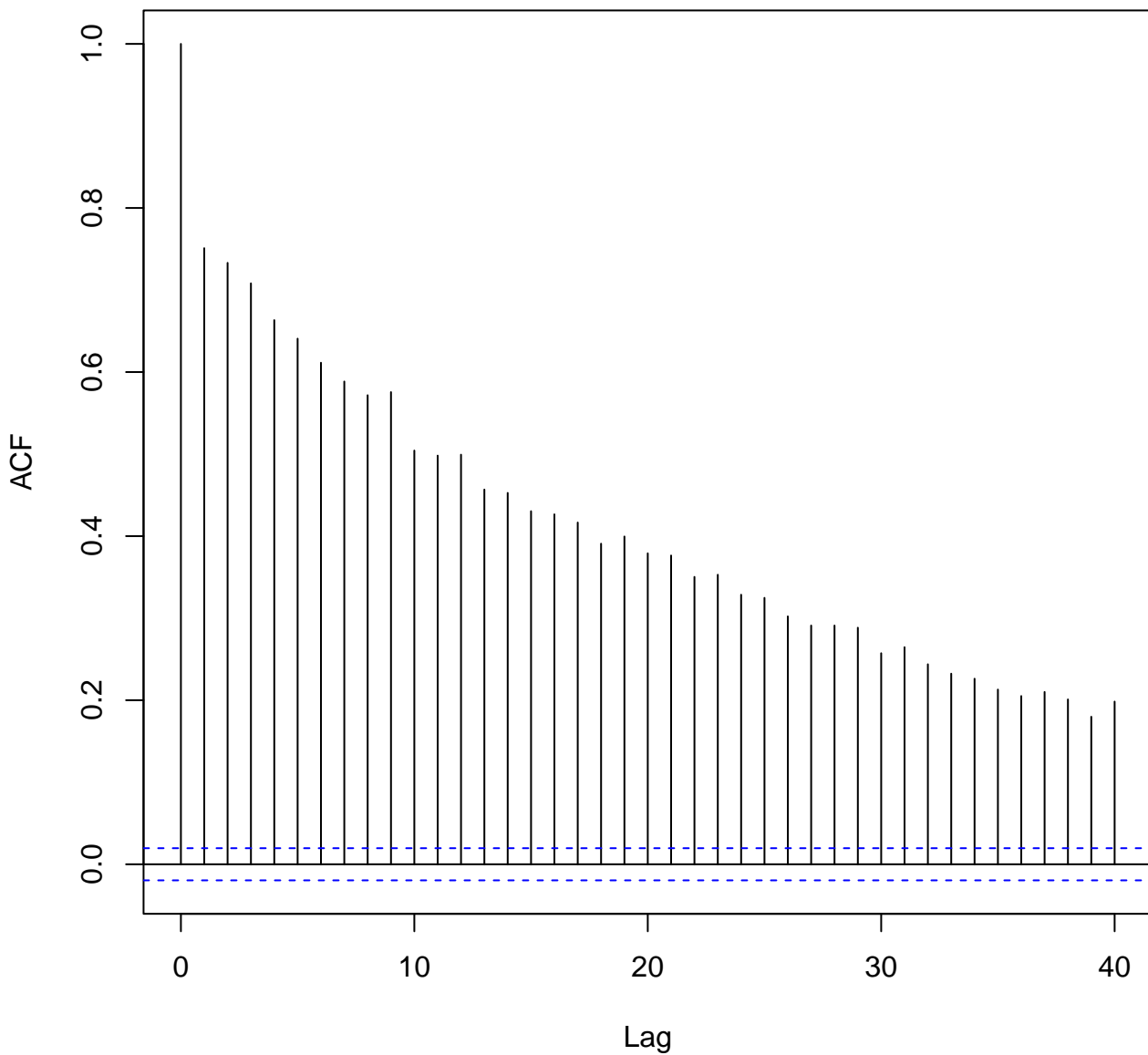
X_29 chain 6



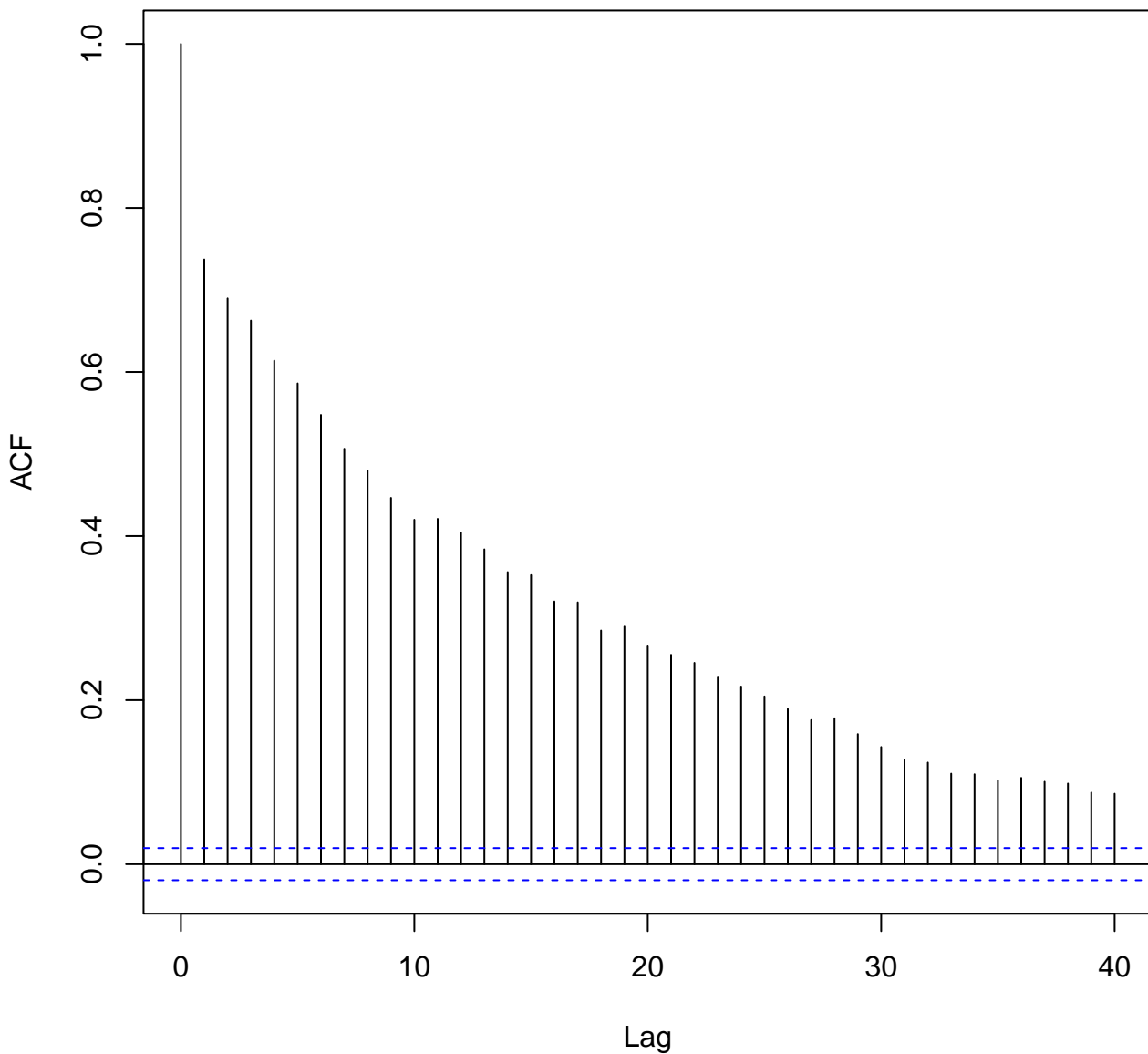
X_30 chain 1



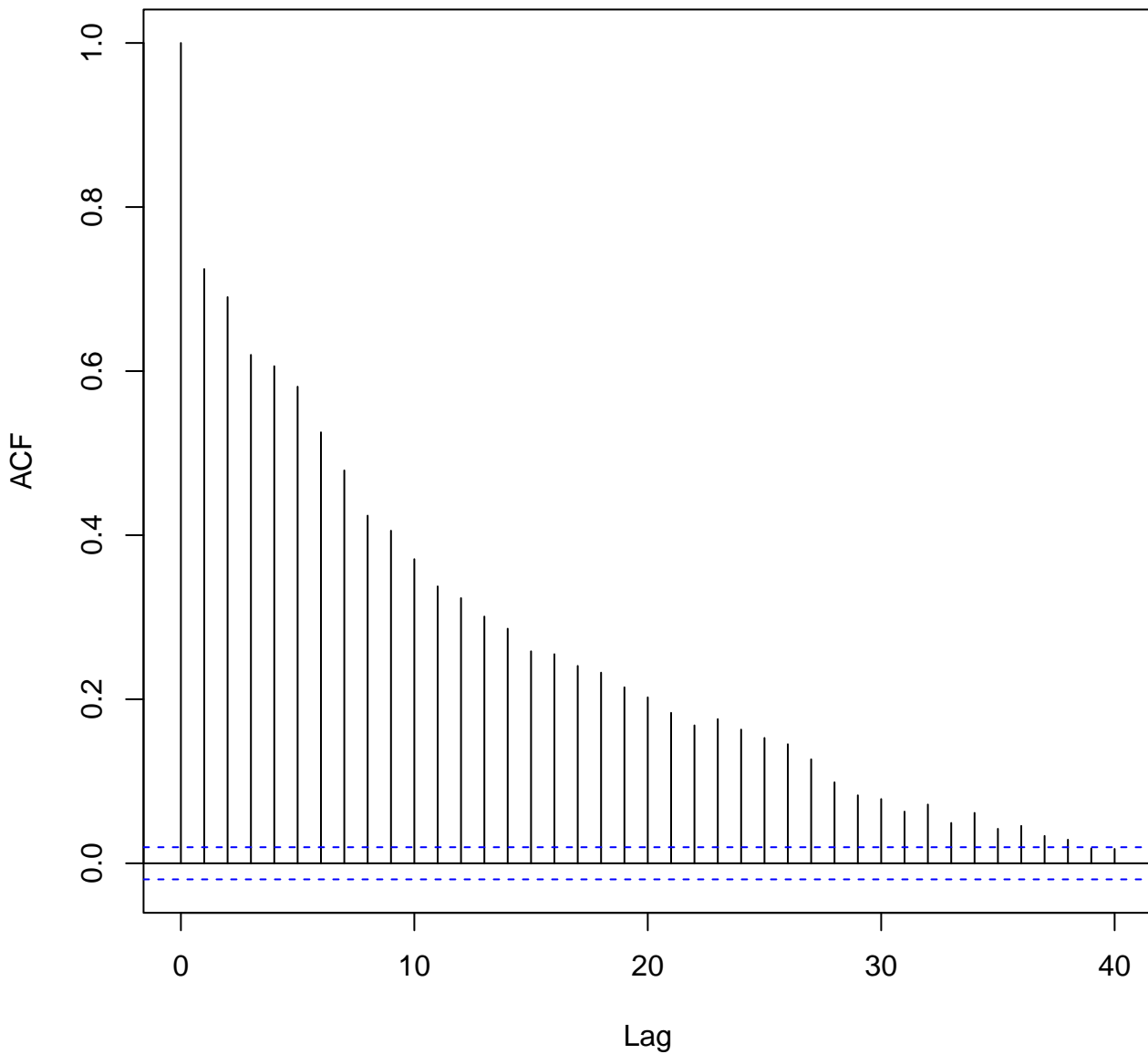
X_30 chain 2



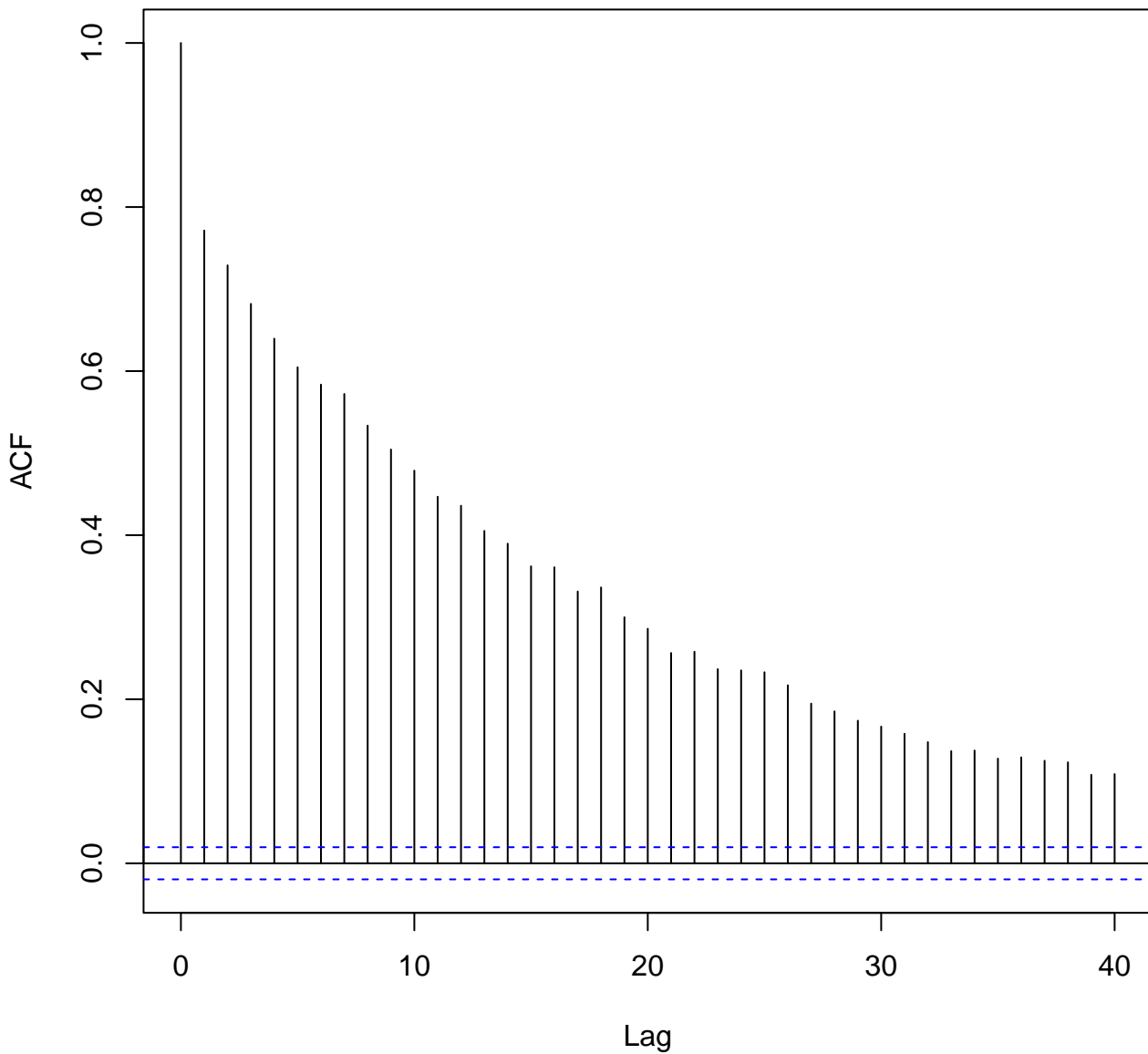
X_30 chain 3



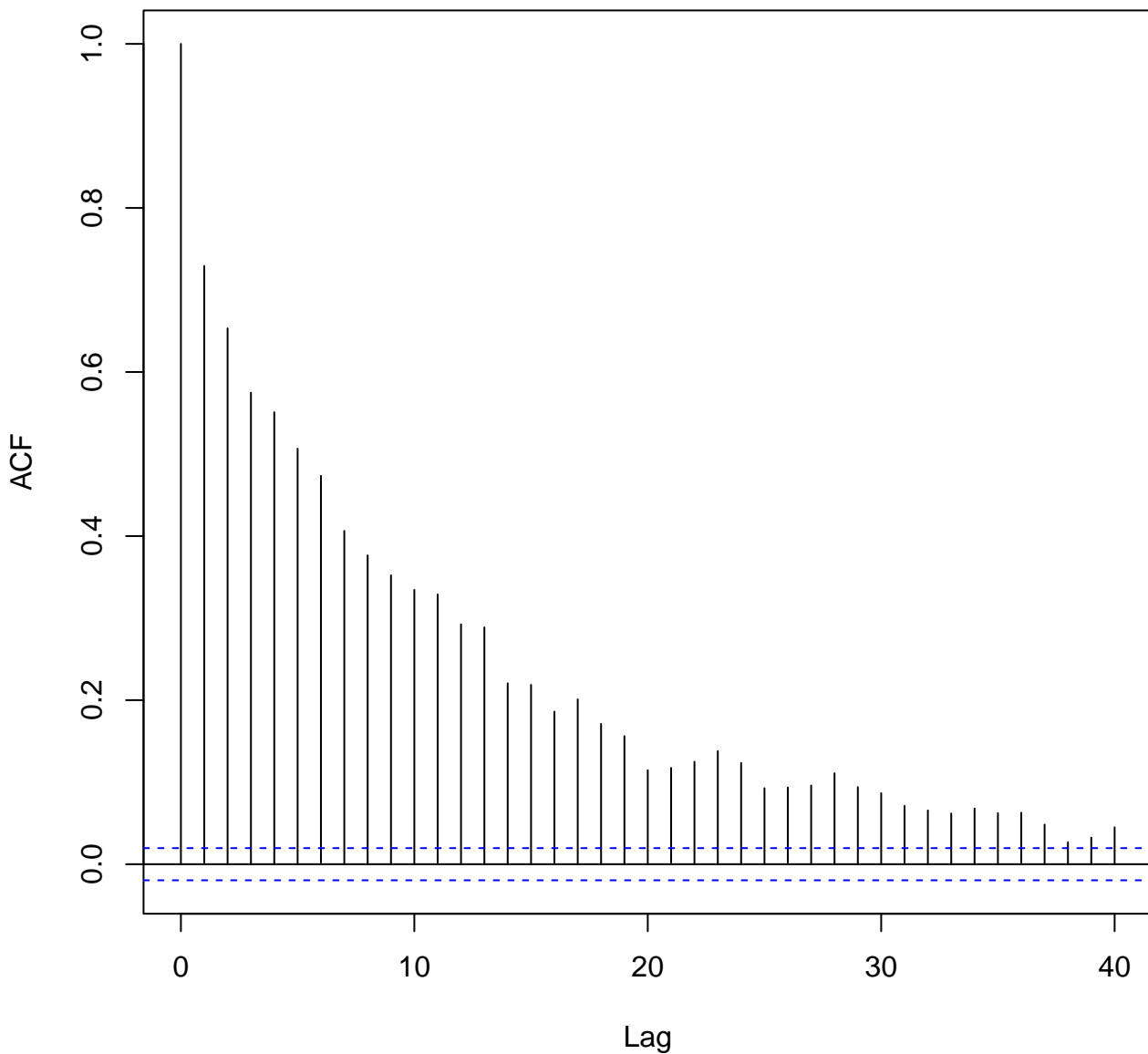
X_30 chain 4



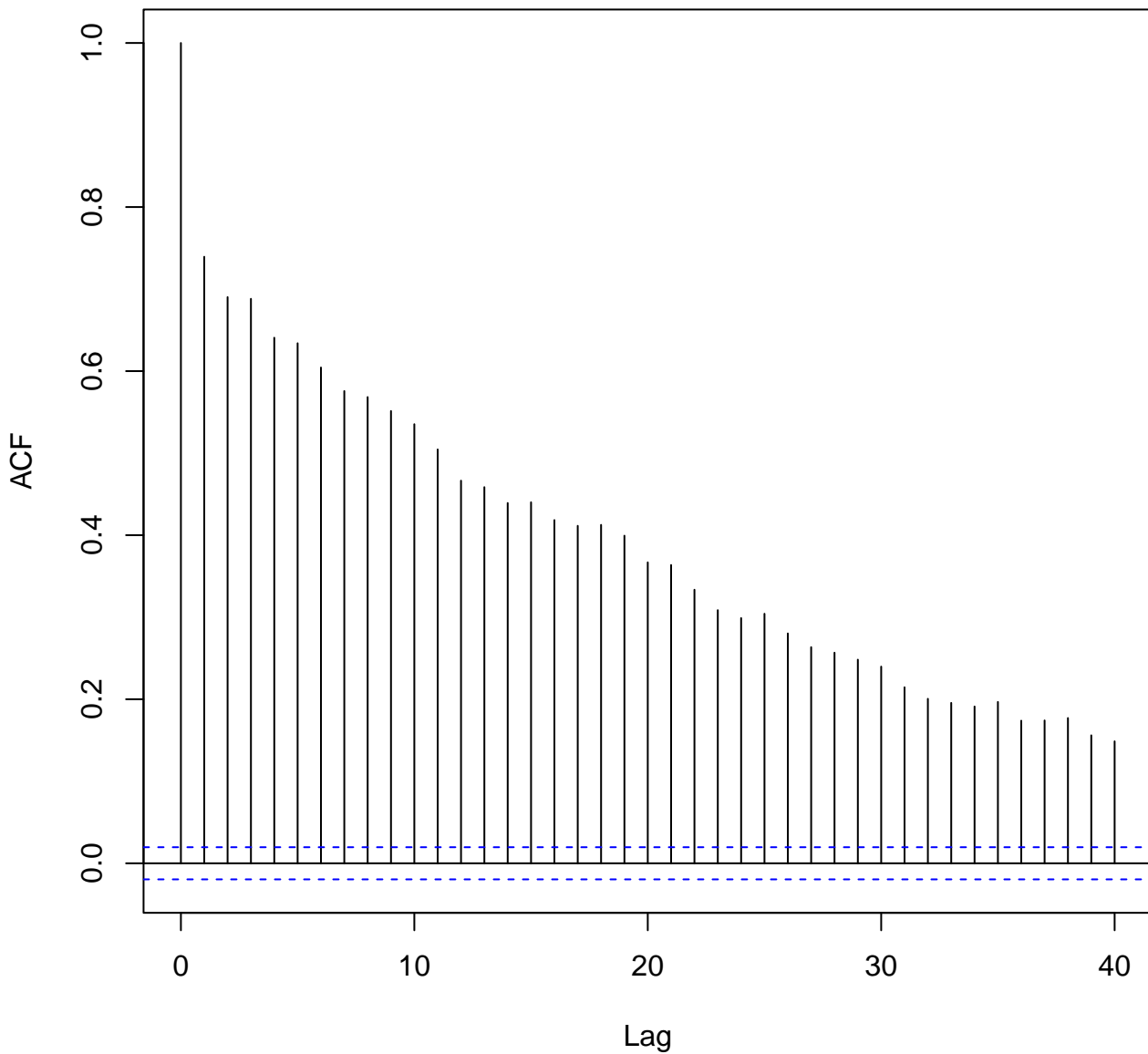
X_30 chain 5



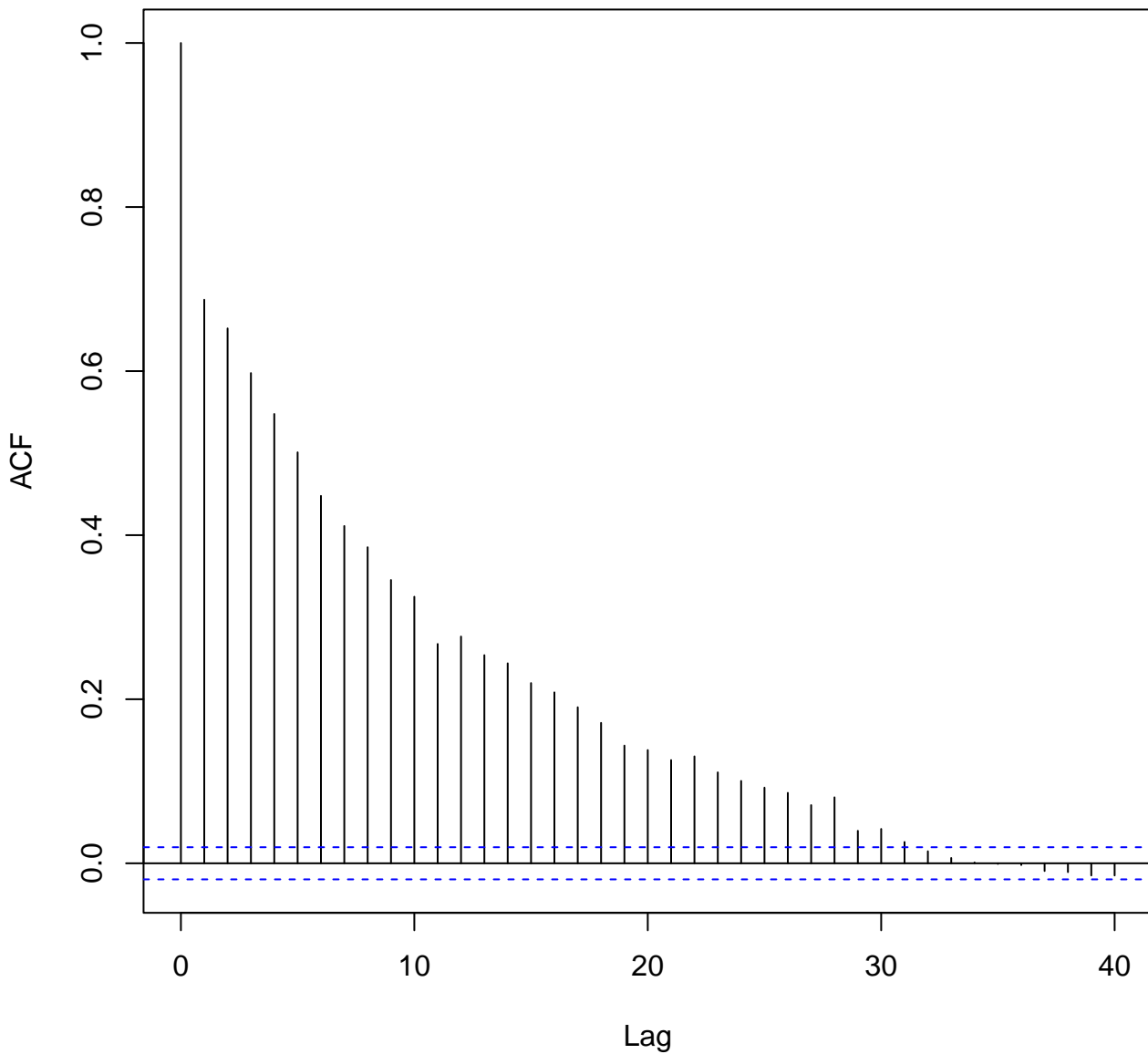
X_30 chain 6



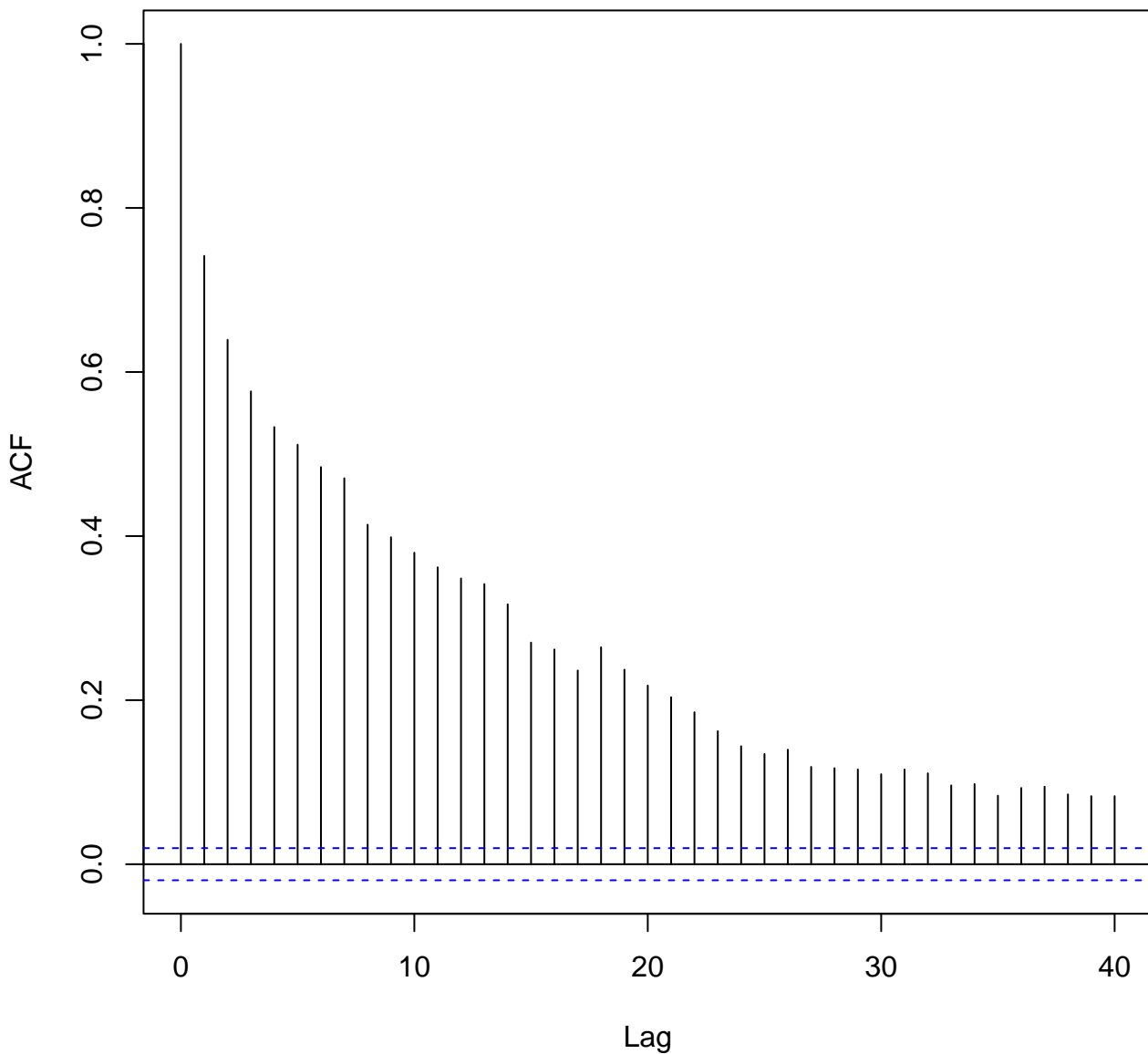
X_31 chain 1



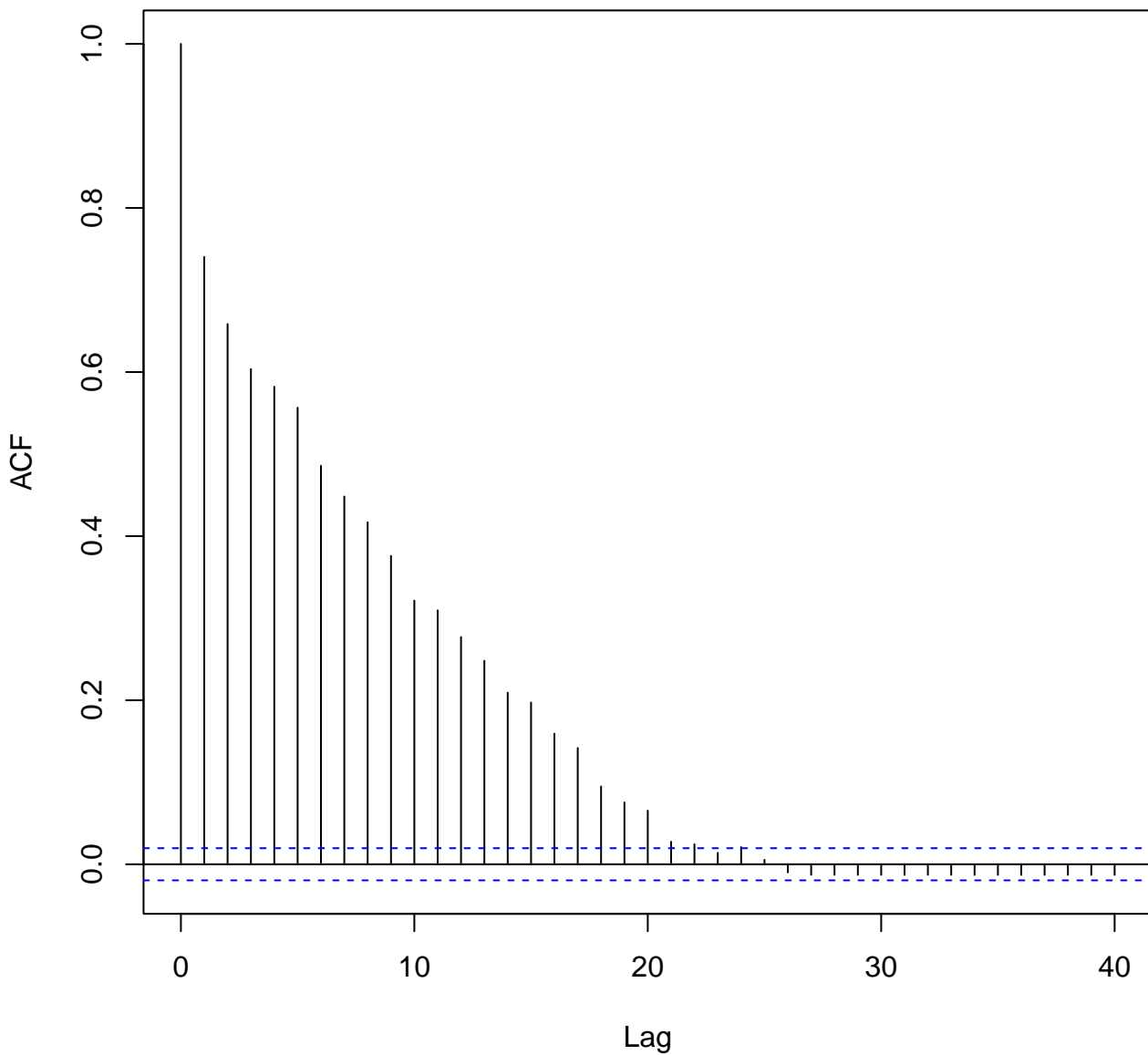
X_31 chain 2



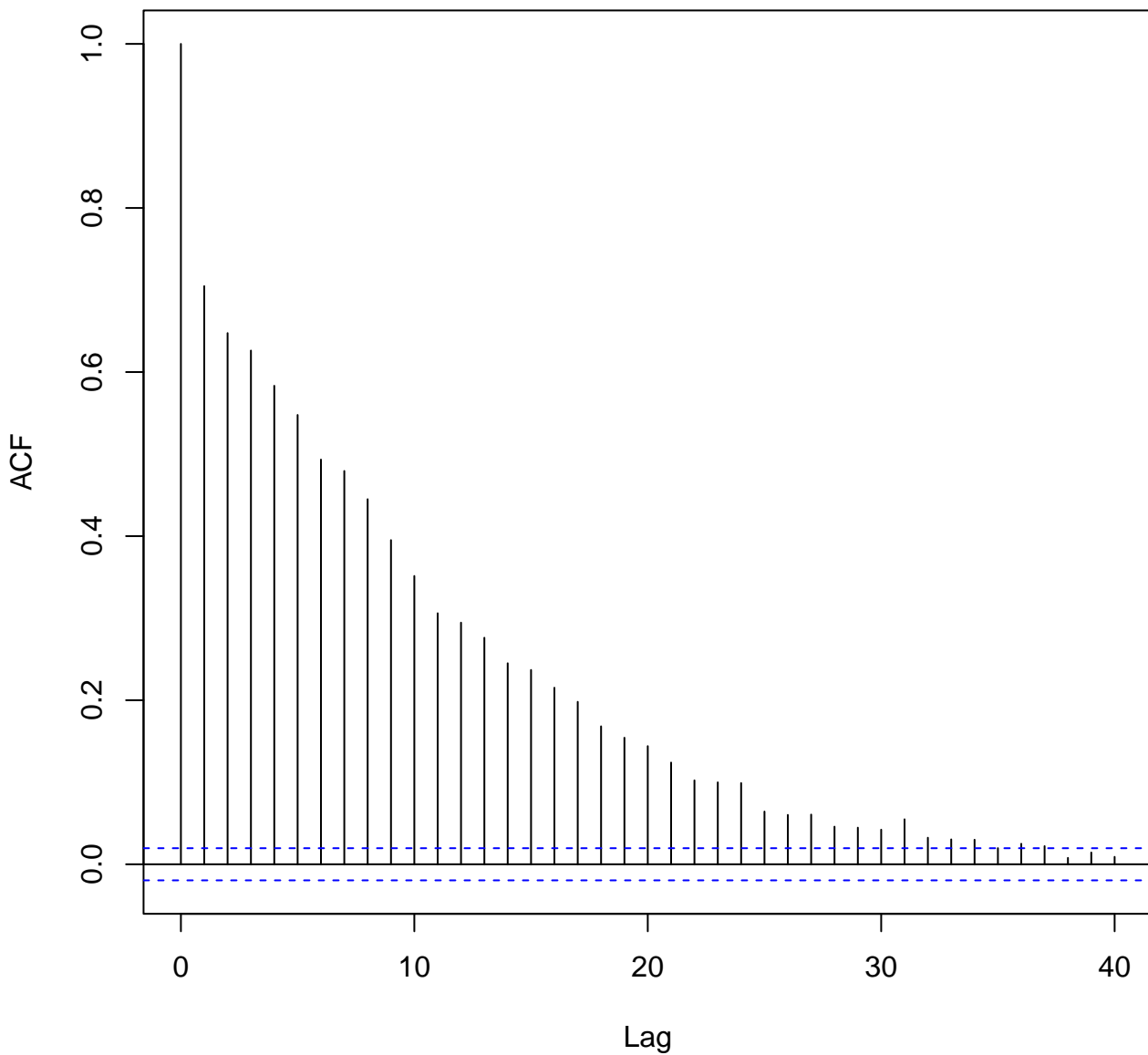
X_31 chain 3



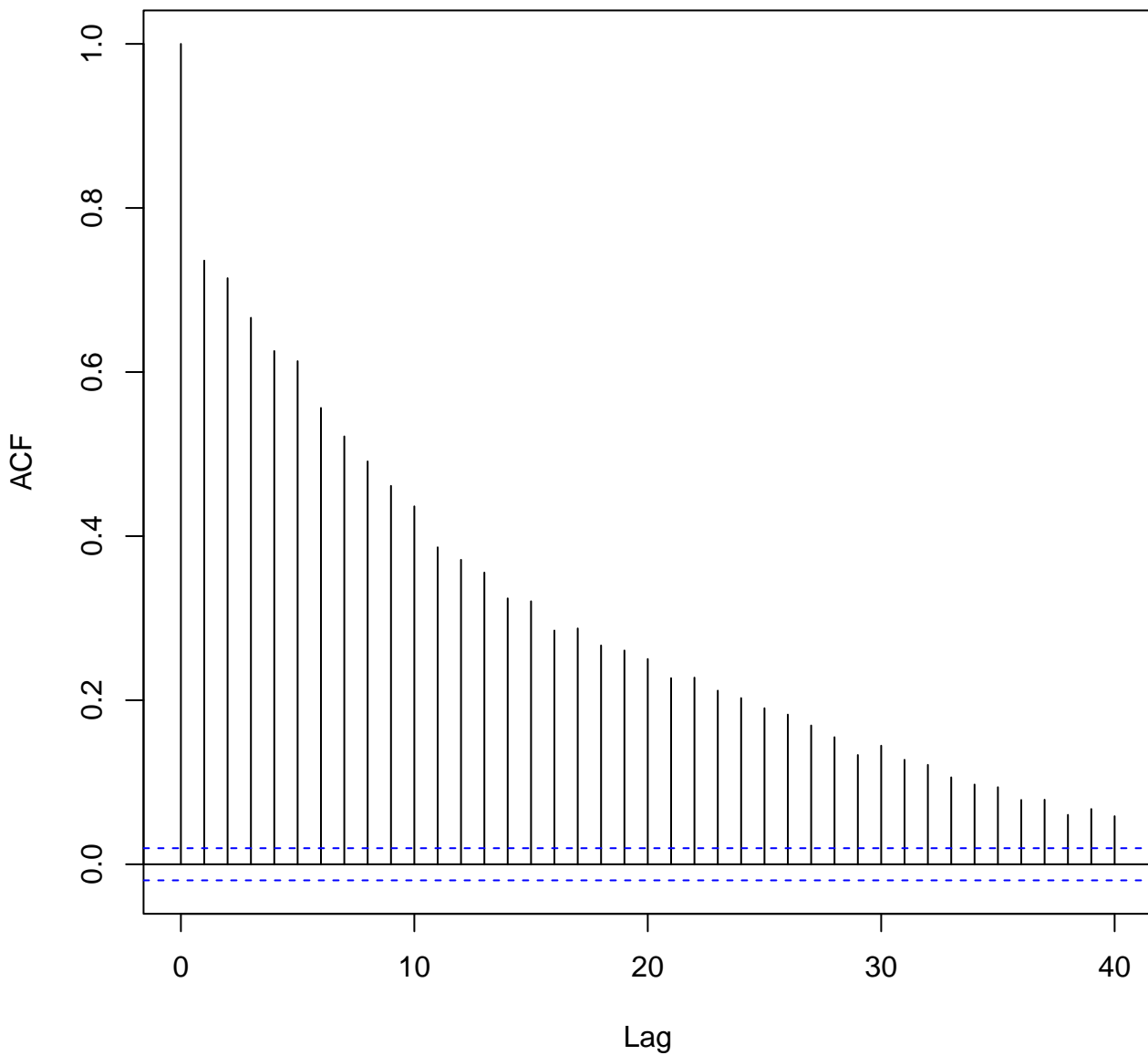
X_31 chain 4



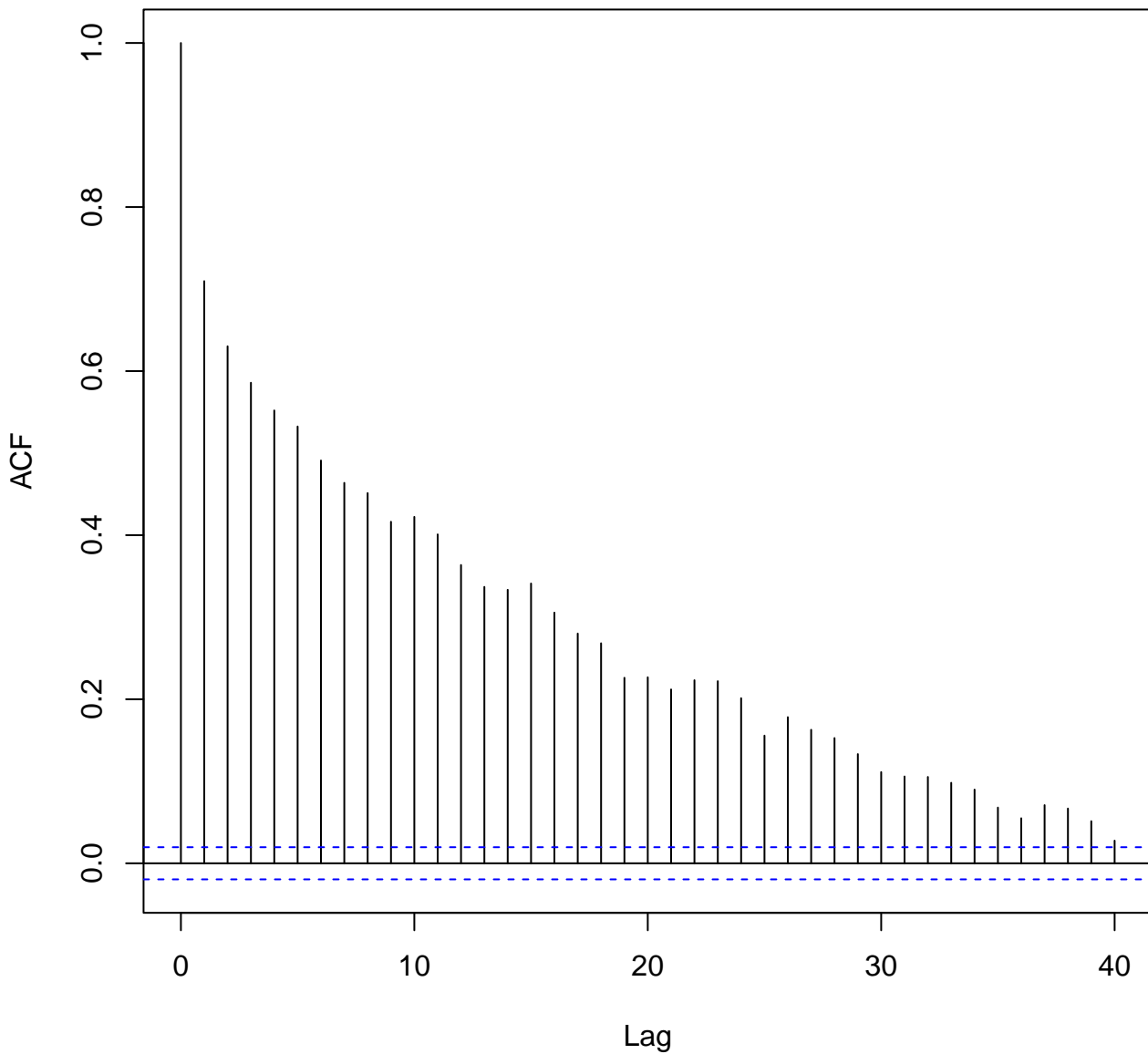
X_31 chain 5



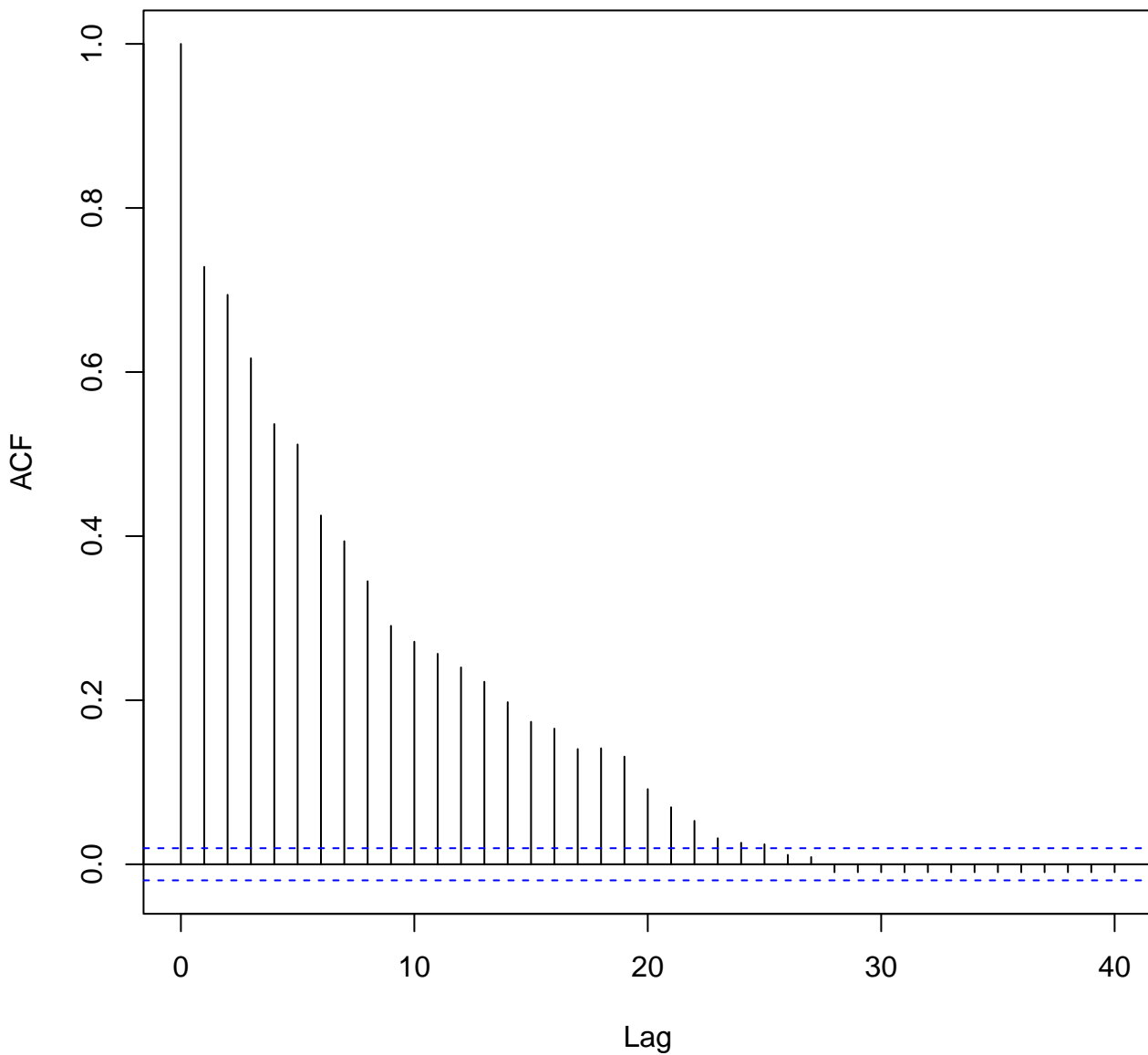
X_31 chain 6



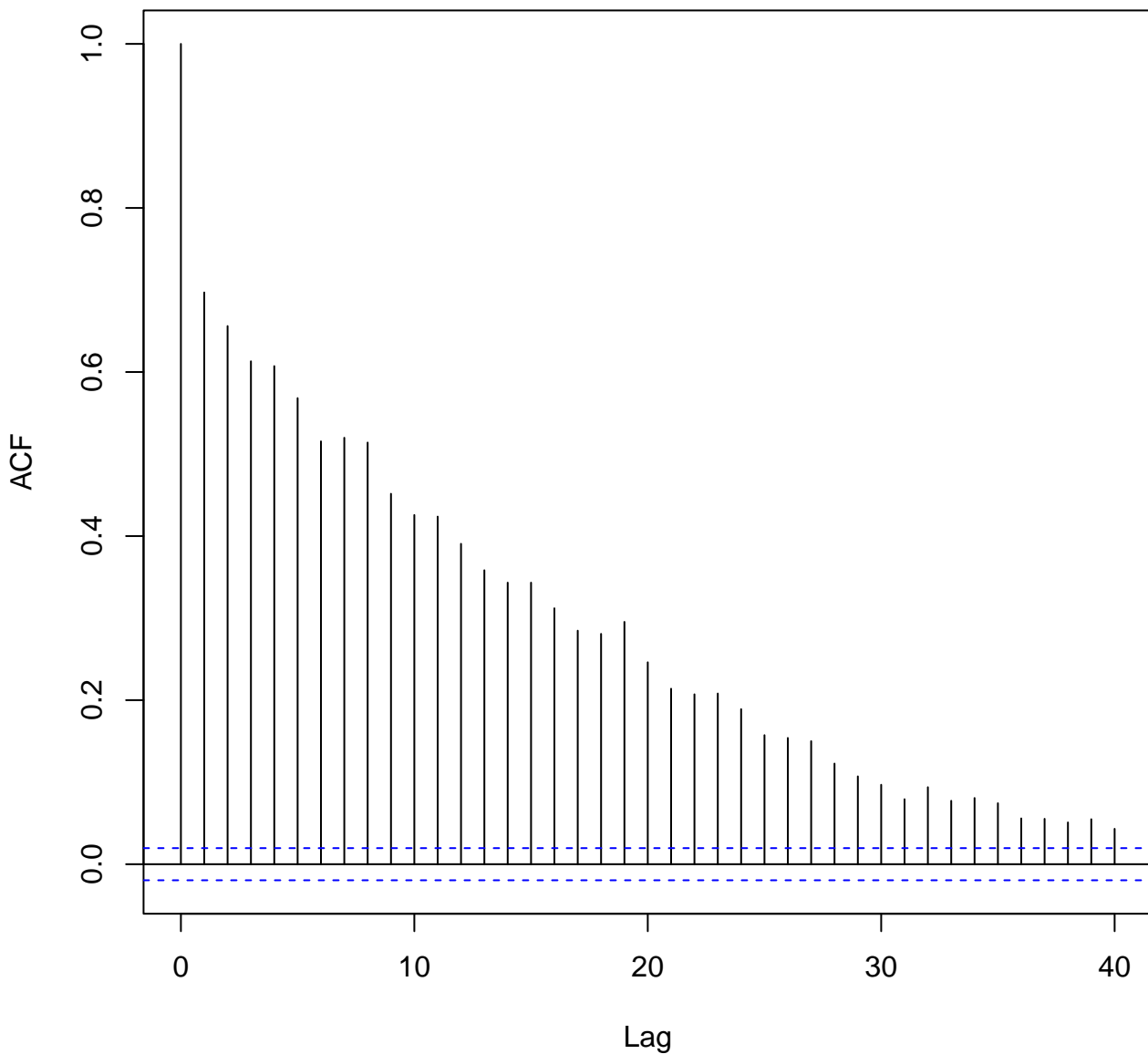
X_32 chain 1



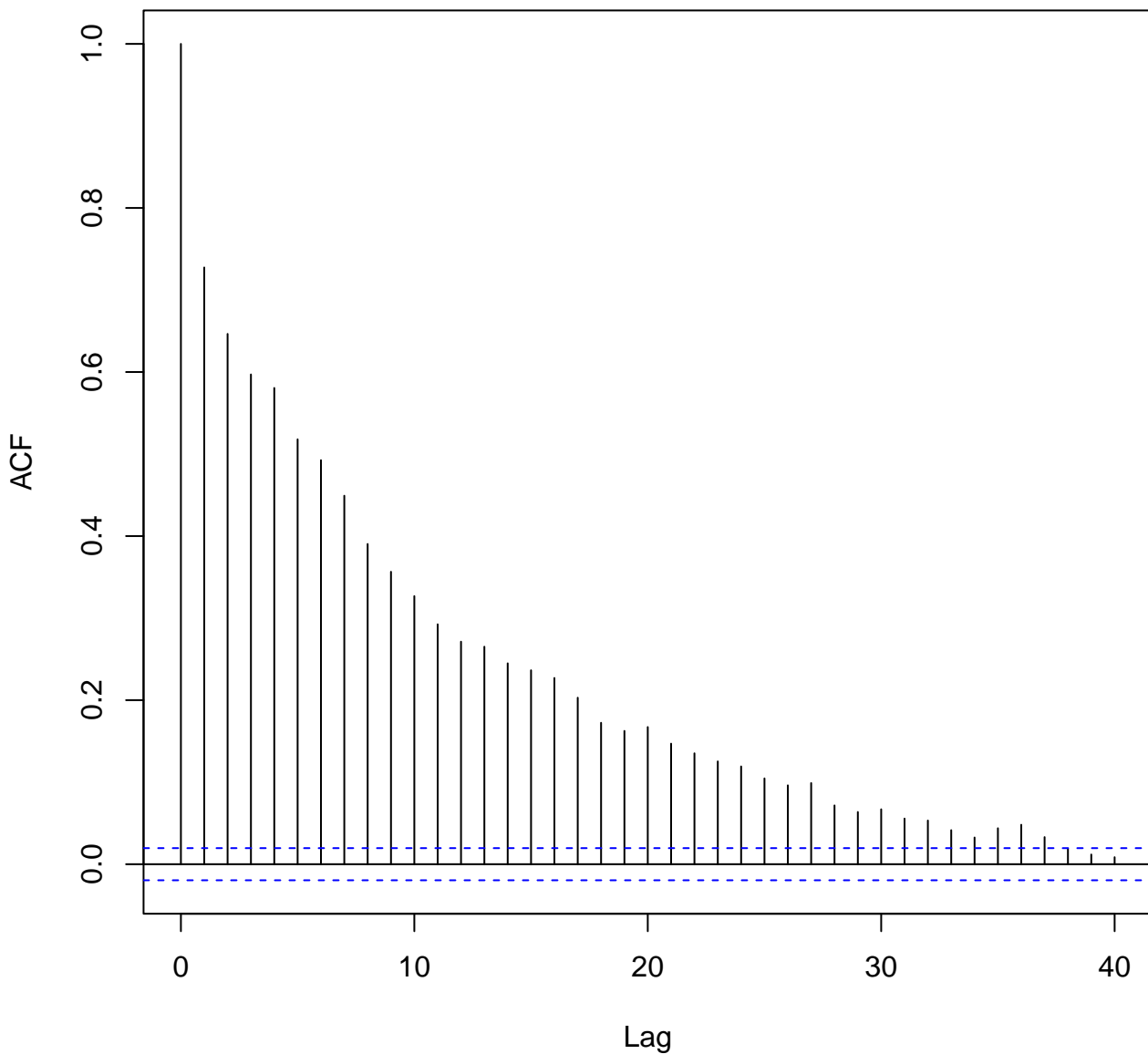
X_32 chain 2



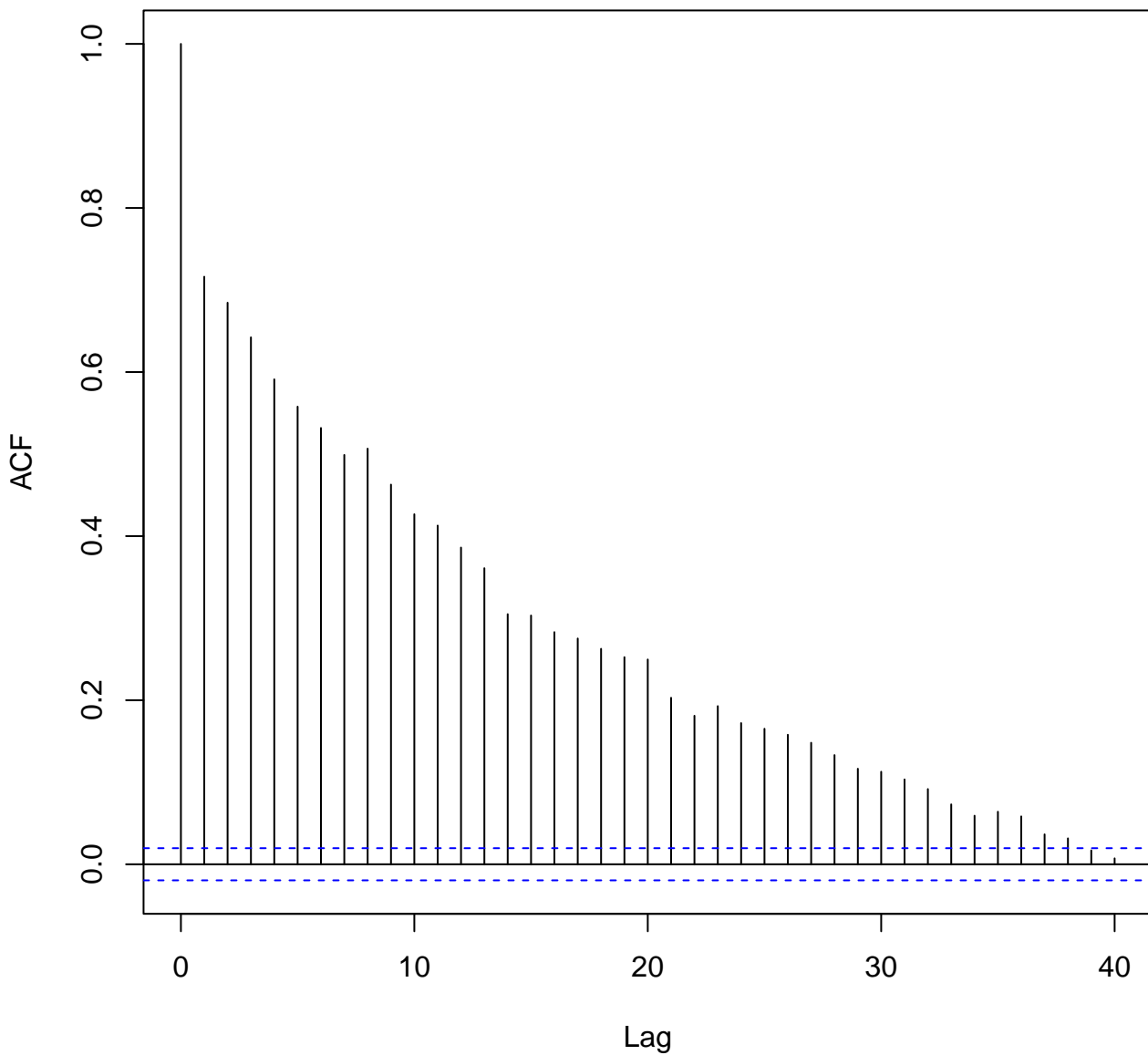
X_32 chain 3



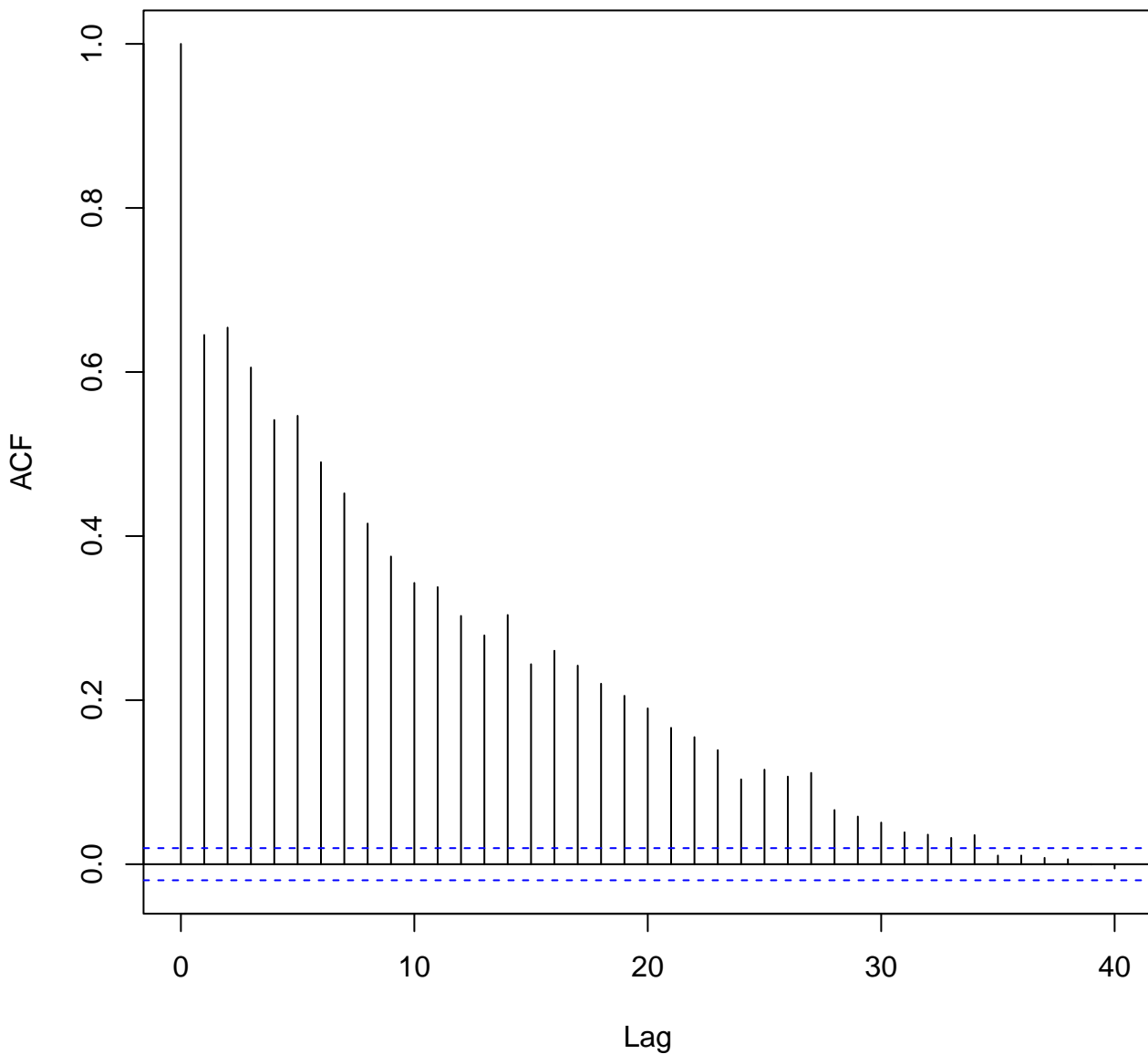
X_32 chain 4



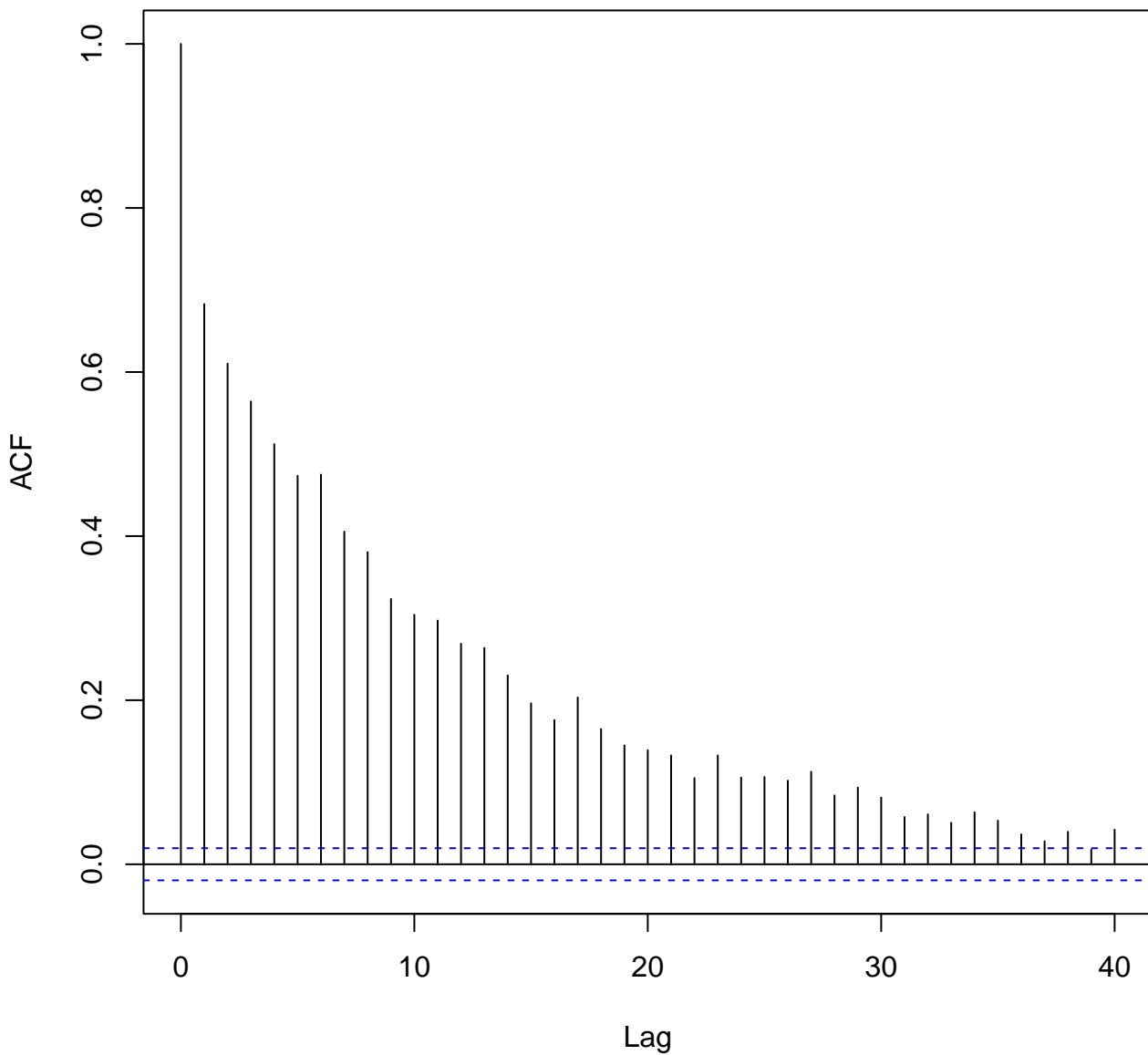
X_32 chain 5



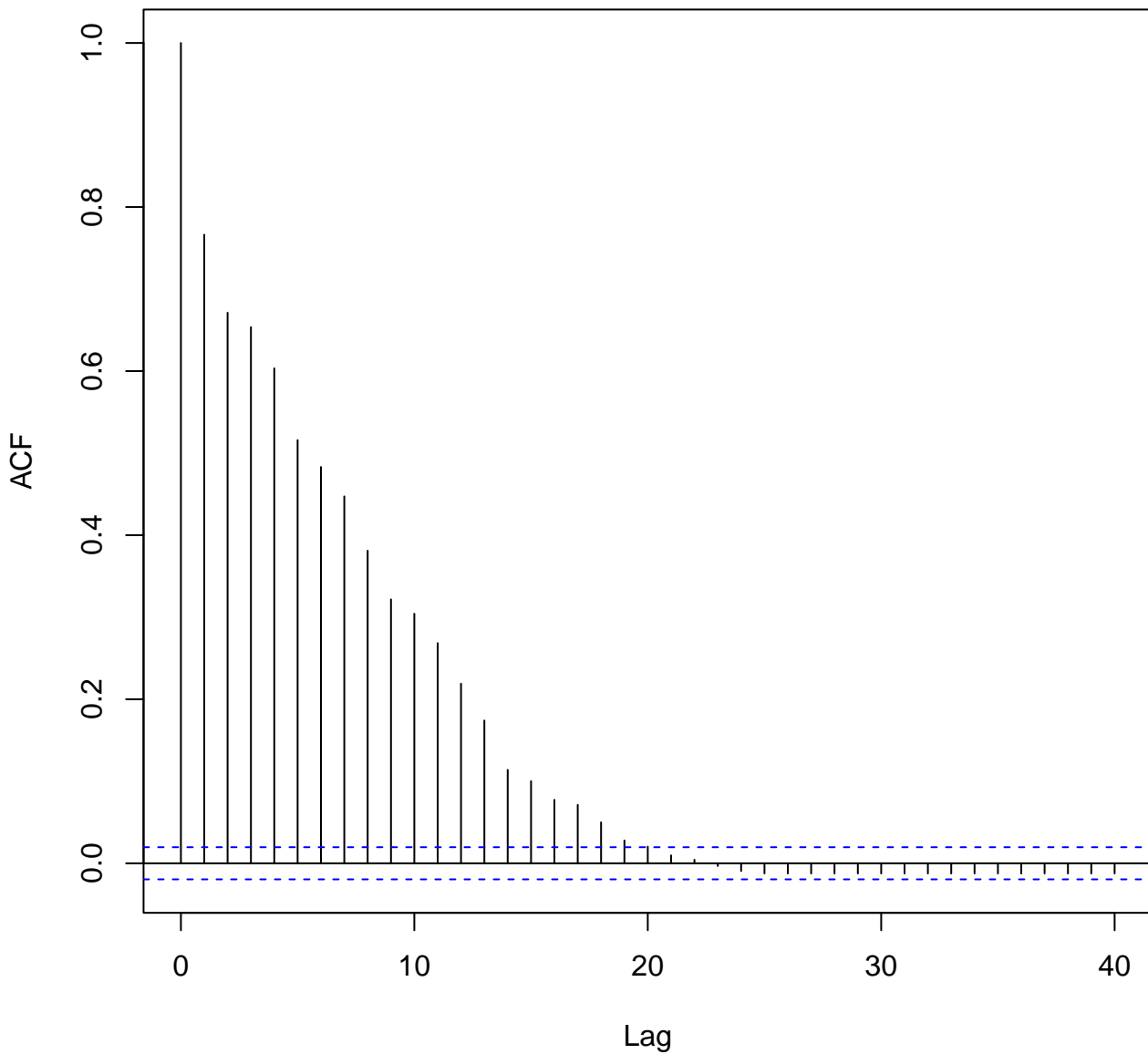
X_32 chain 6



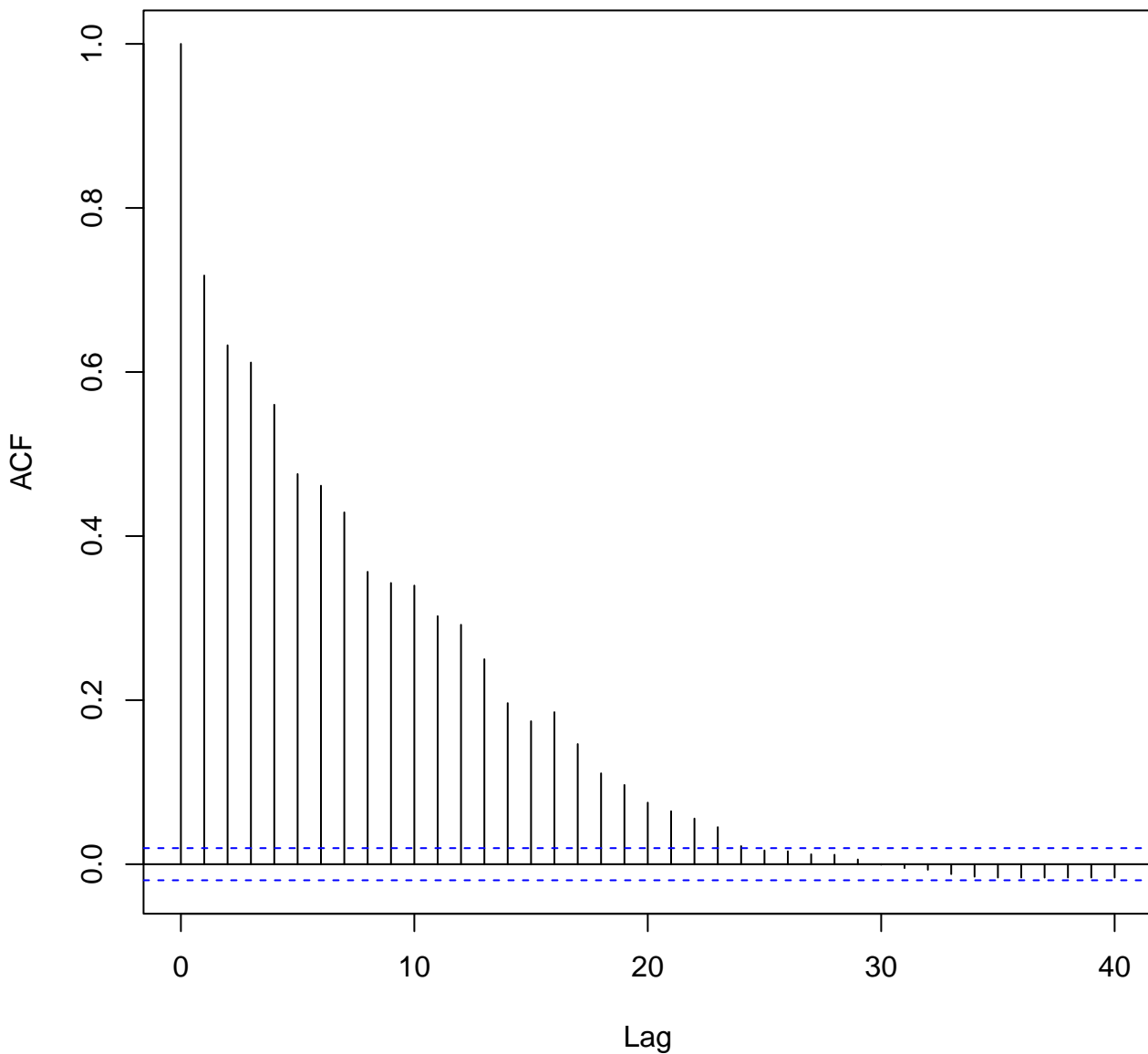
X_33 chain 1



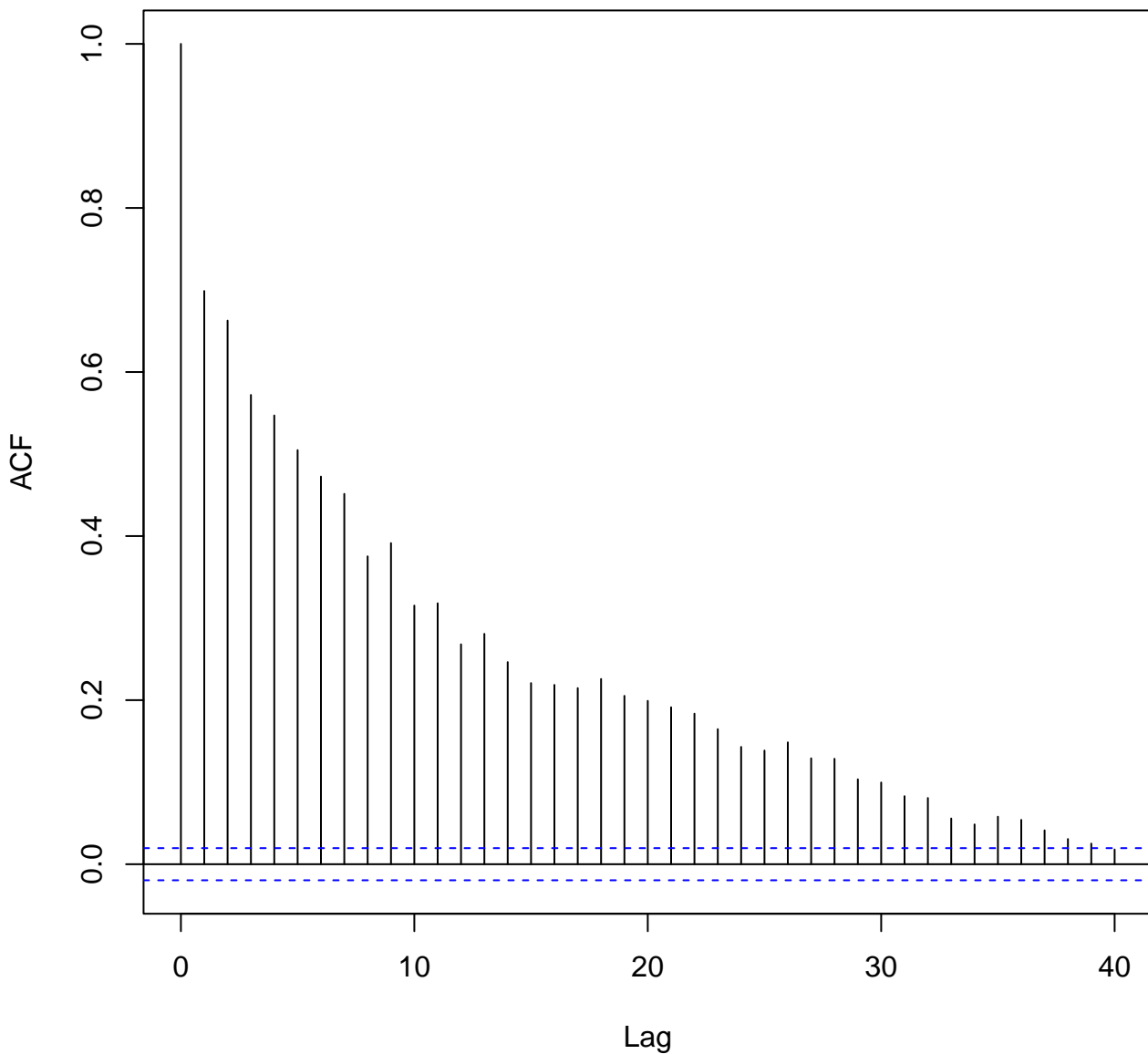
X_33 chain 2



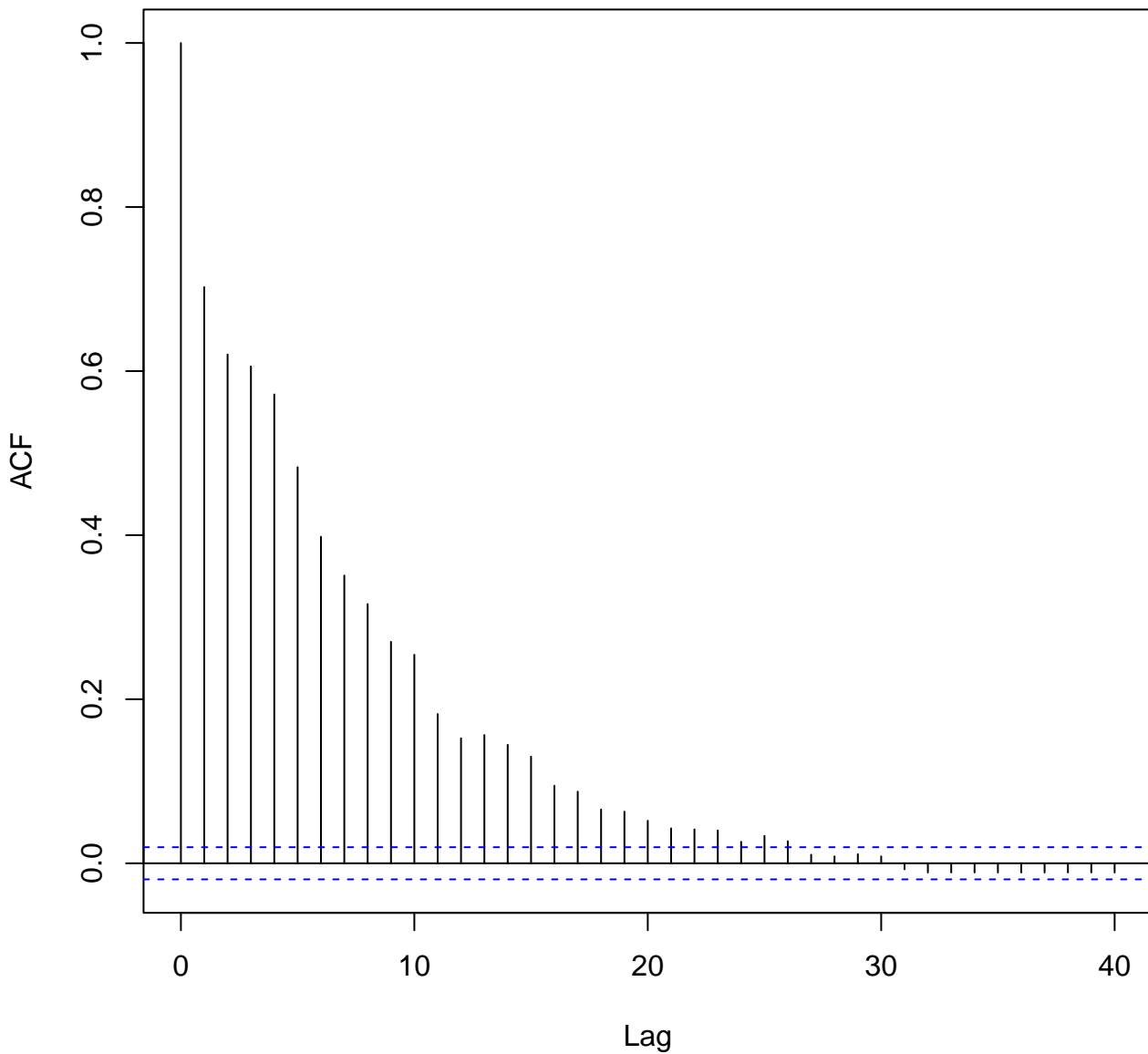
X_33 chain 3



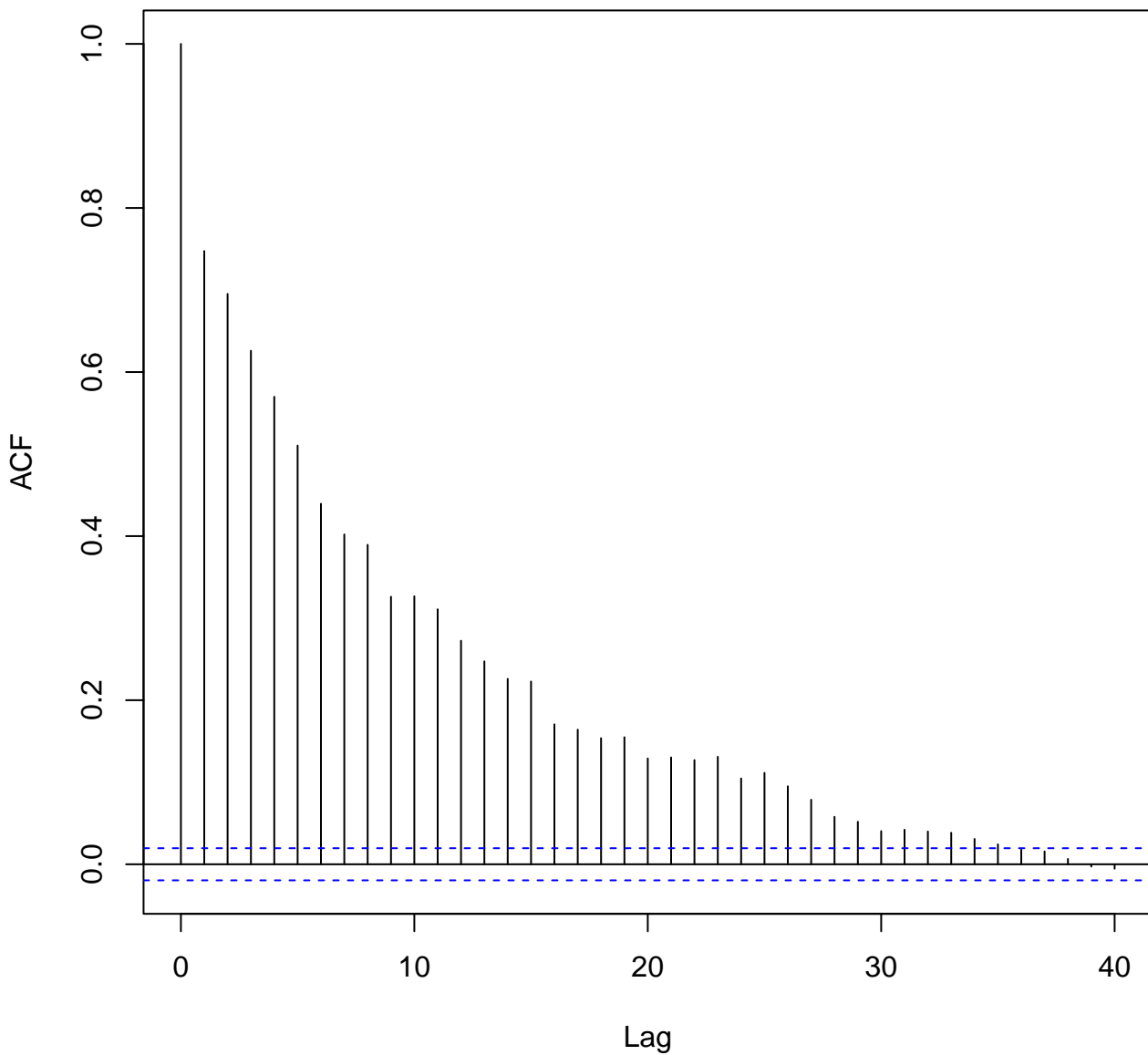
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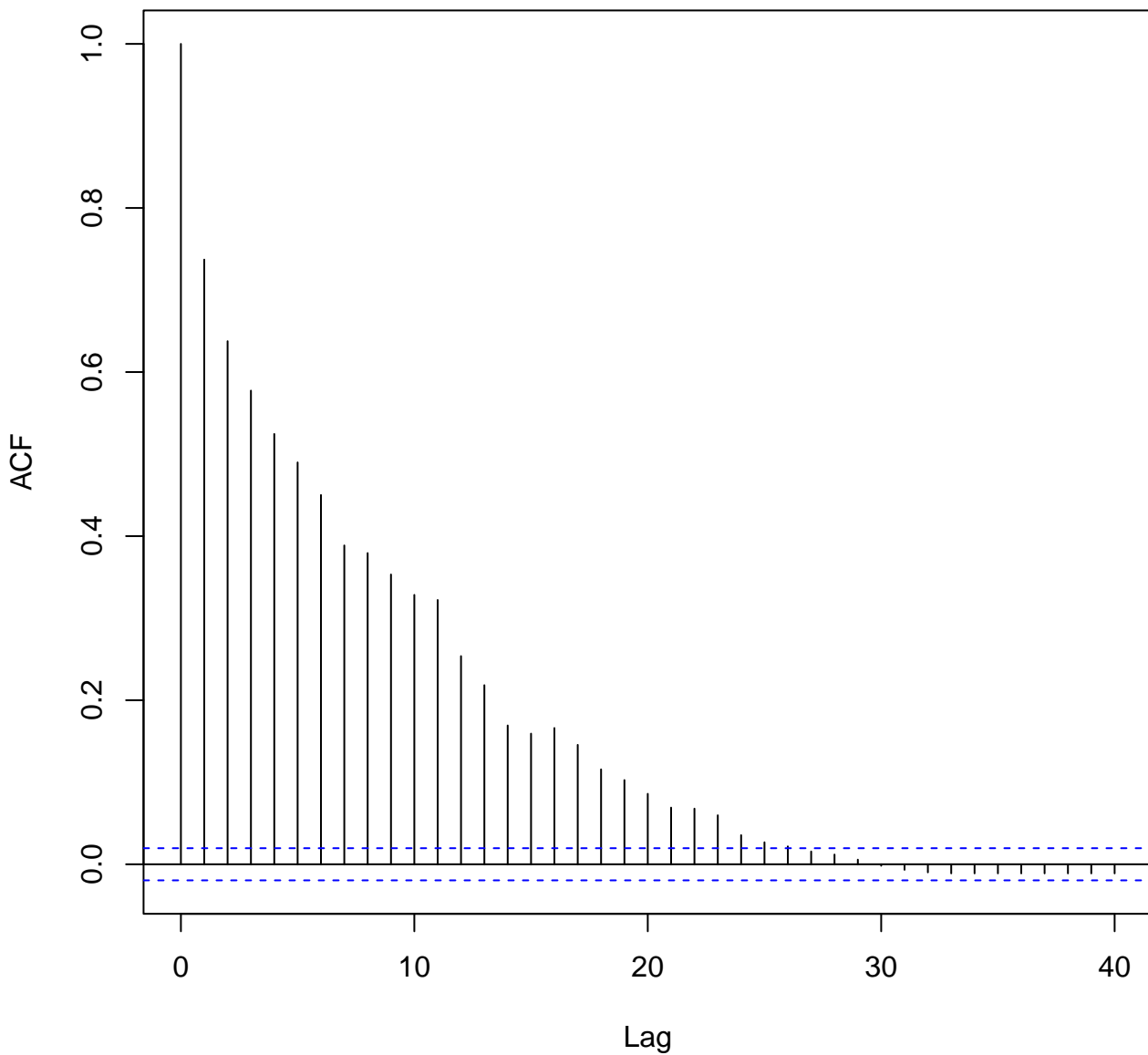
X_33 chain 5



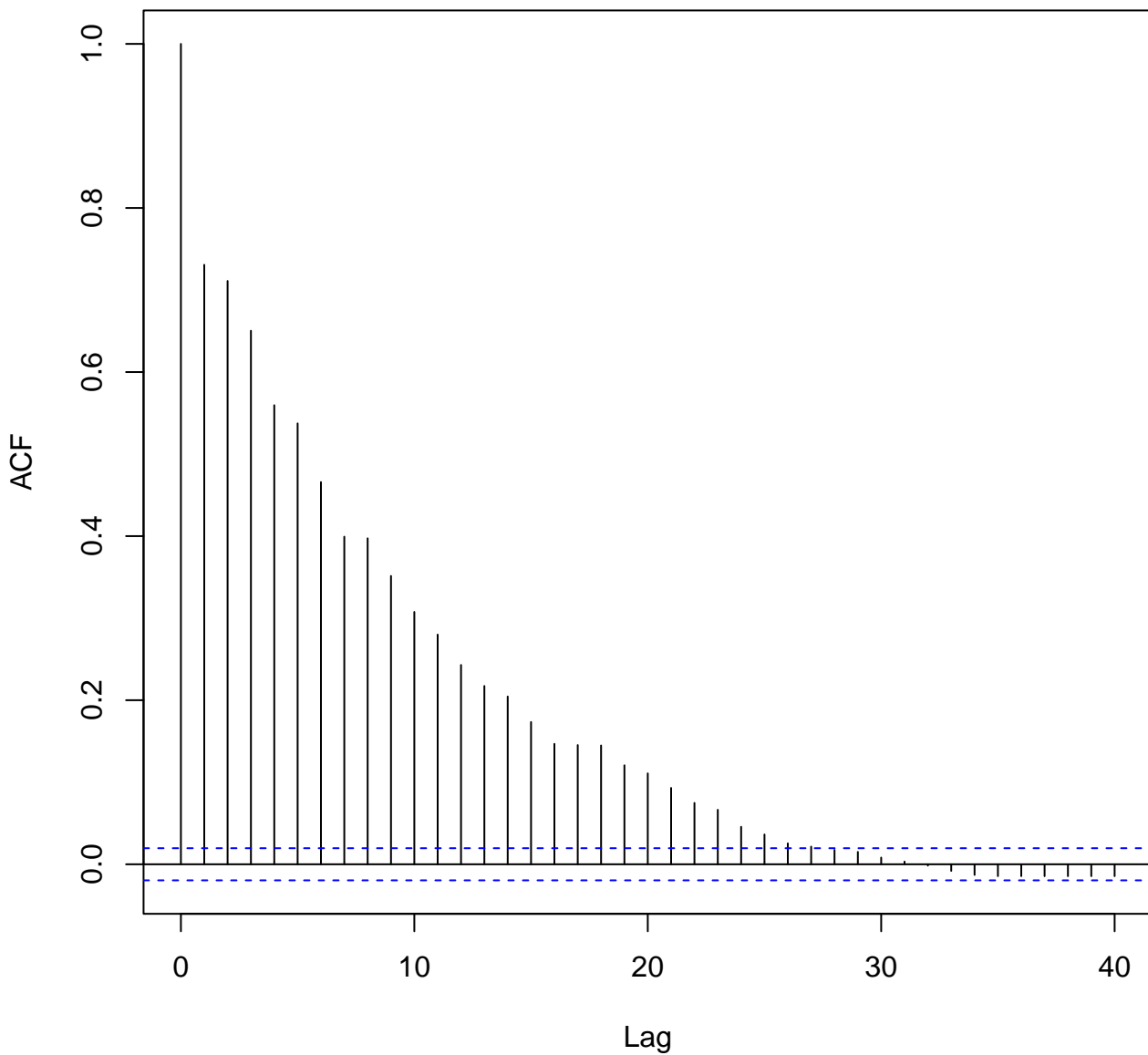
X_33 chain 6



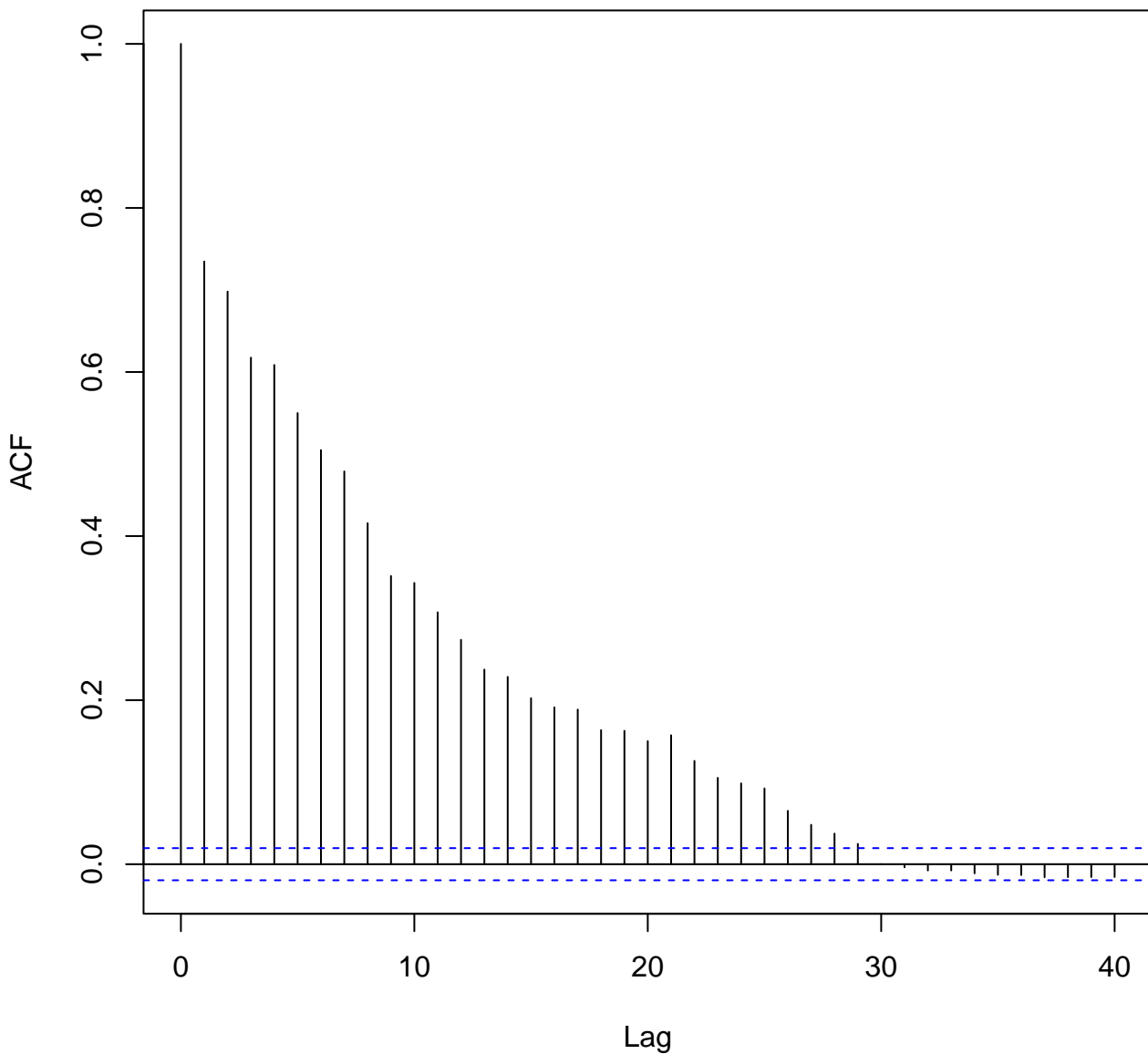
X_34 chain 1



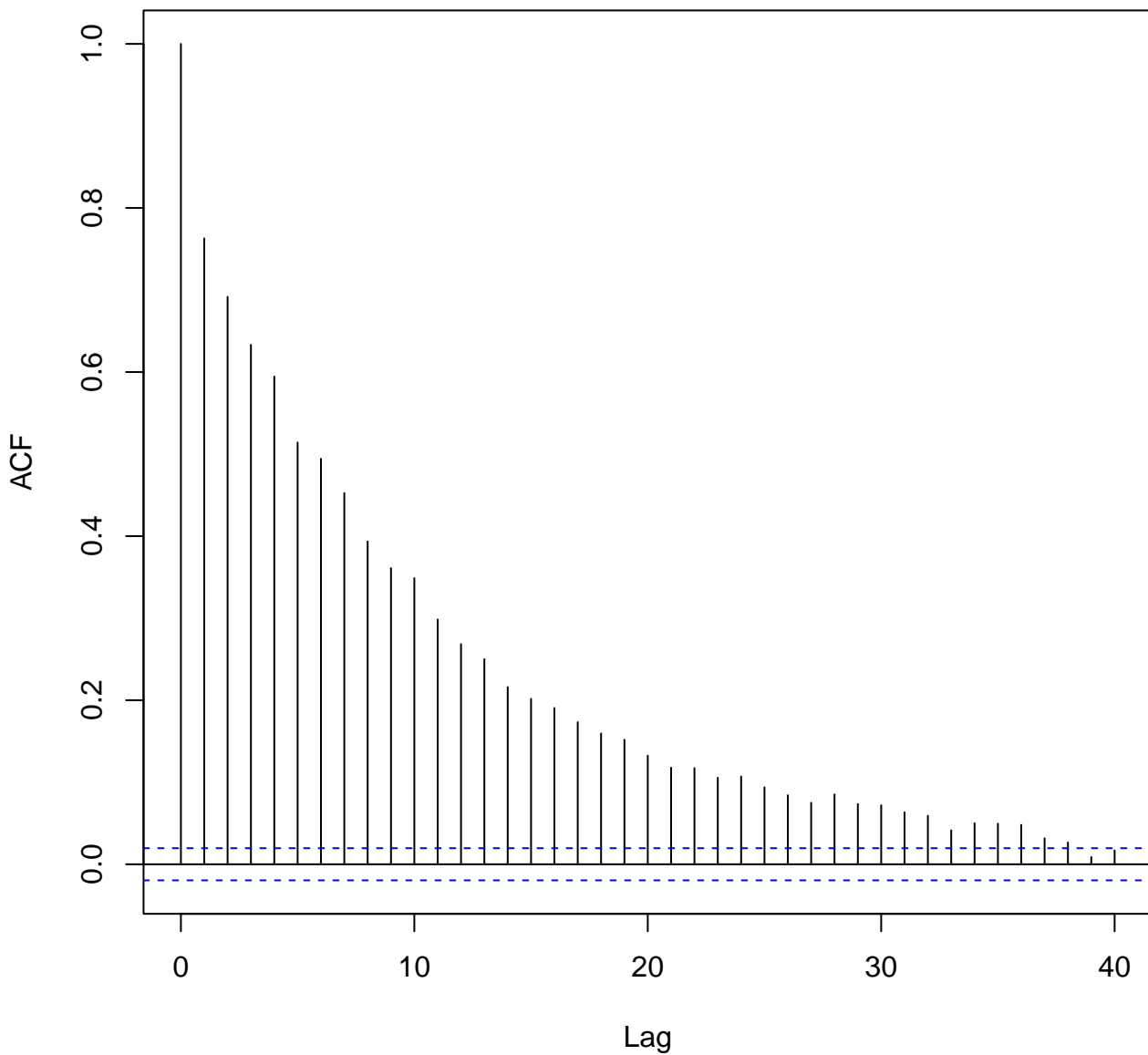
X_34 chain 2



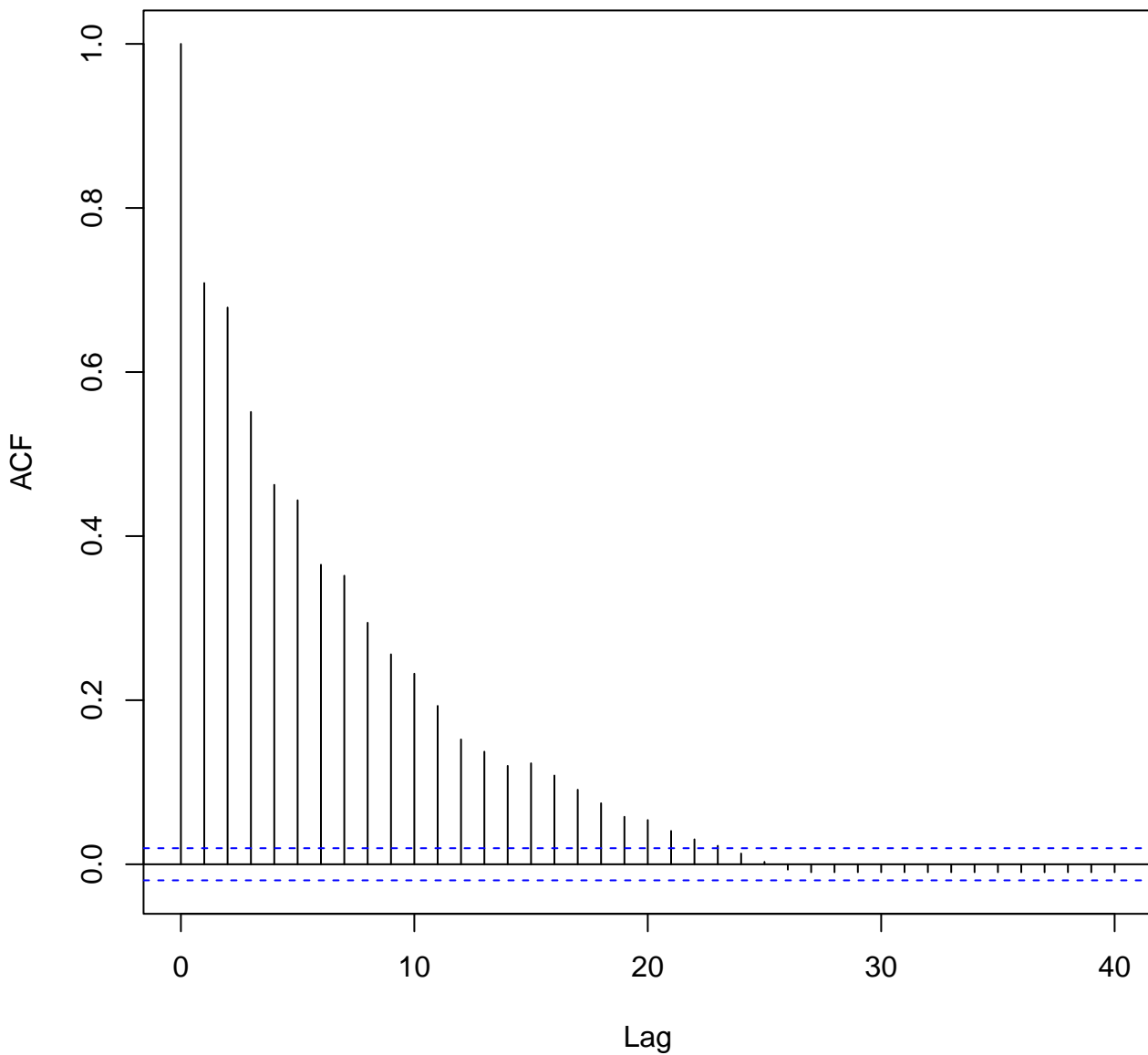
X_34 chain 3



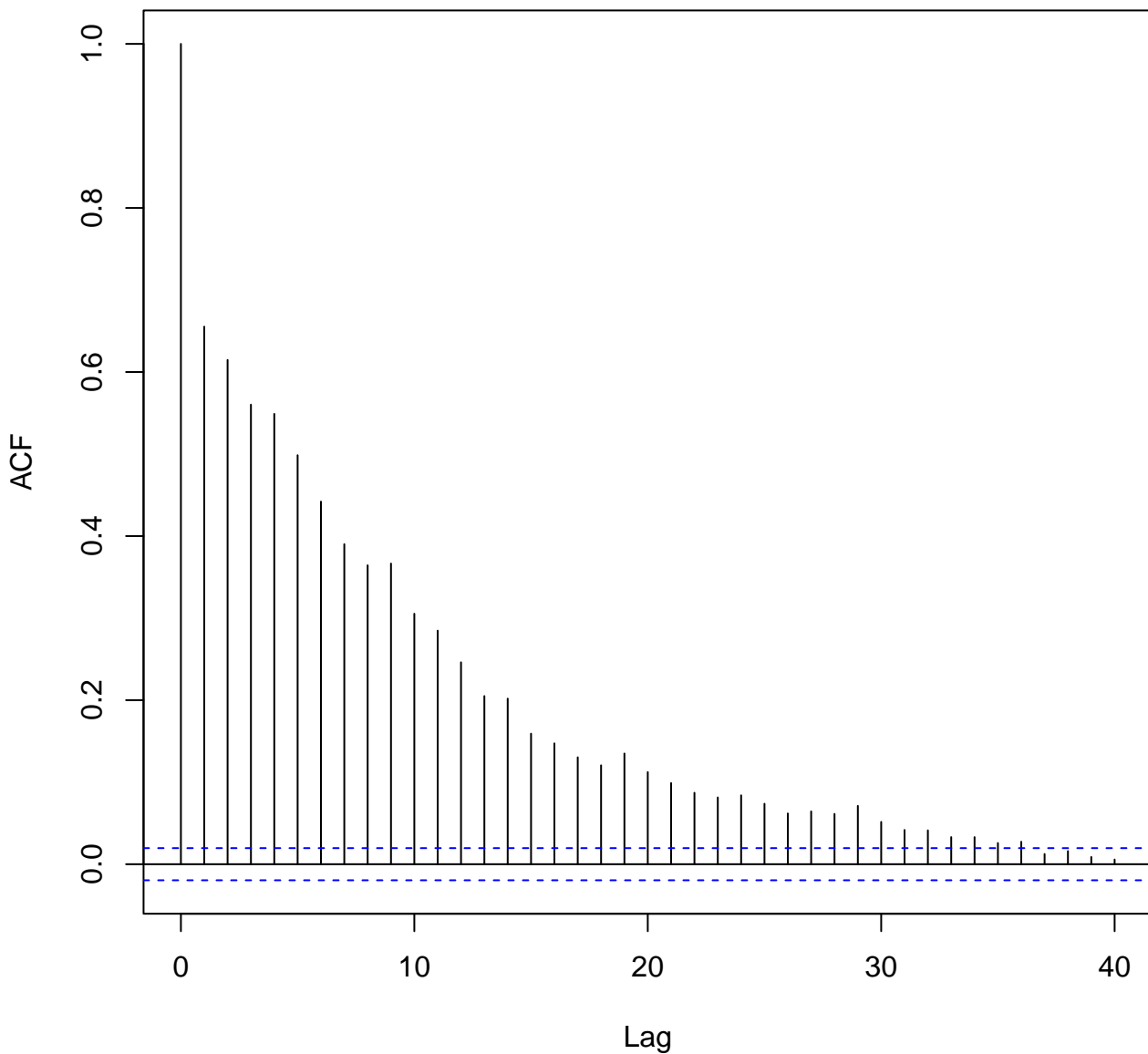
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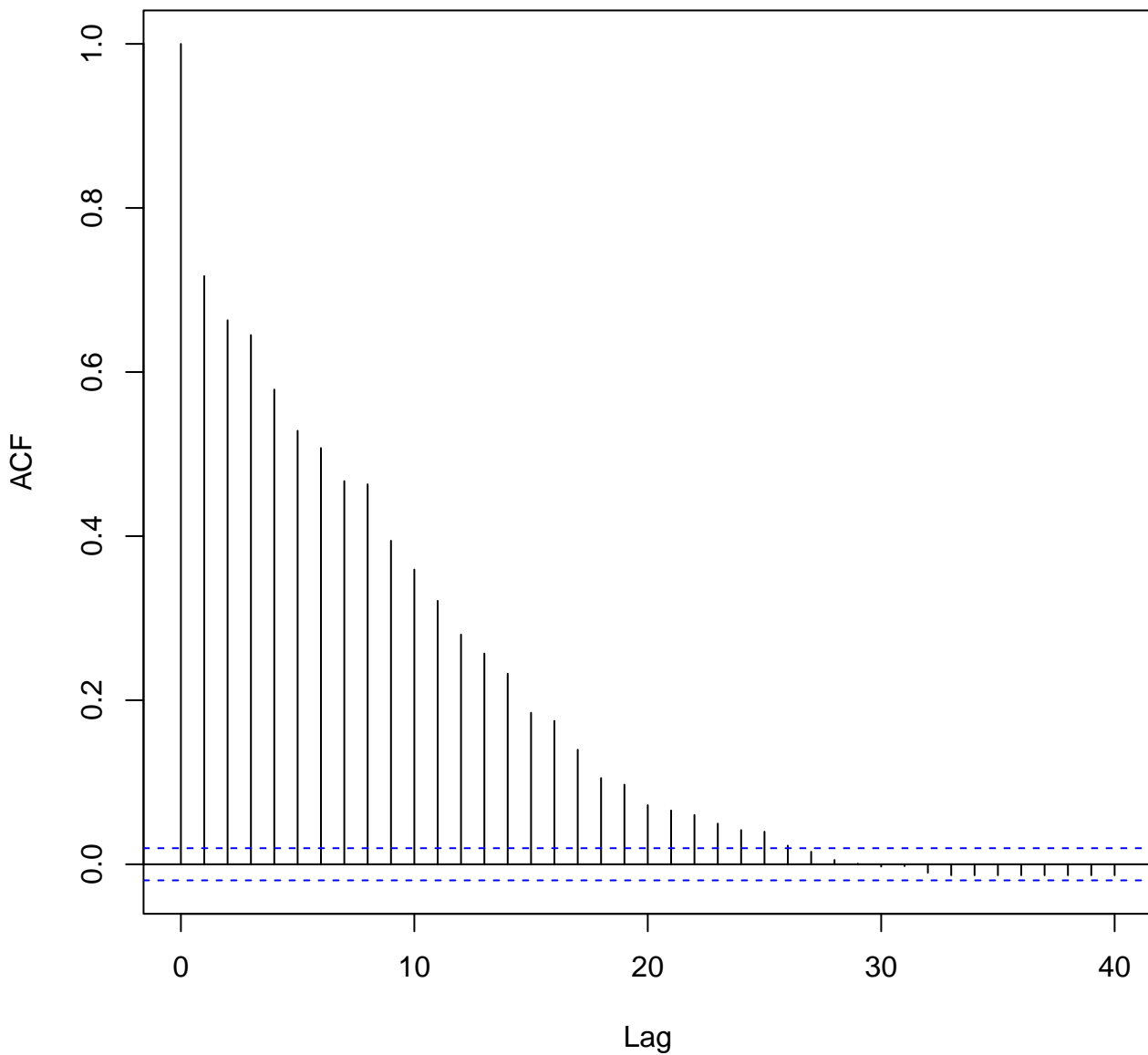
X_34 chain 5



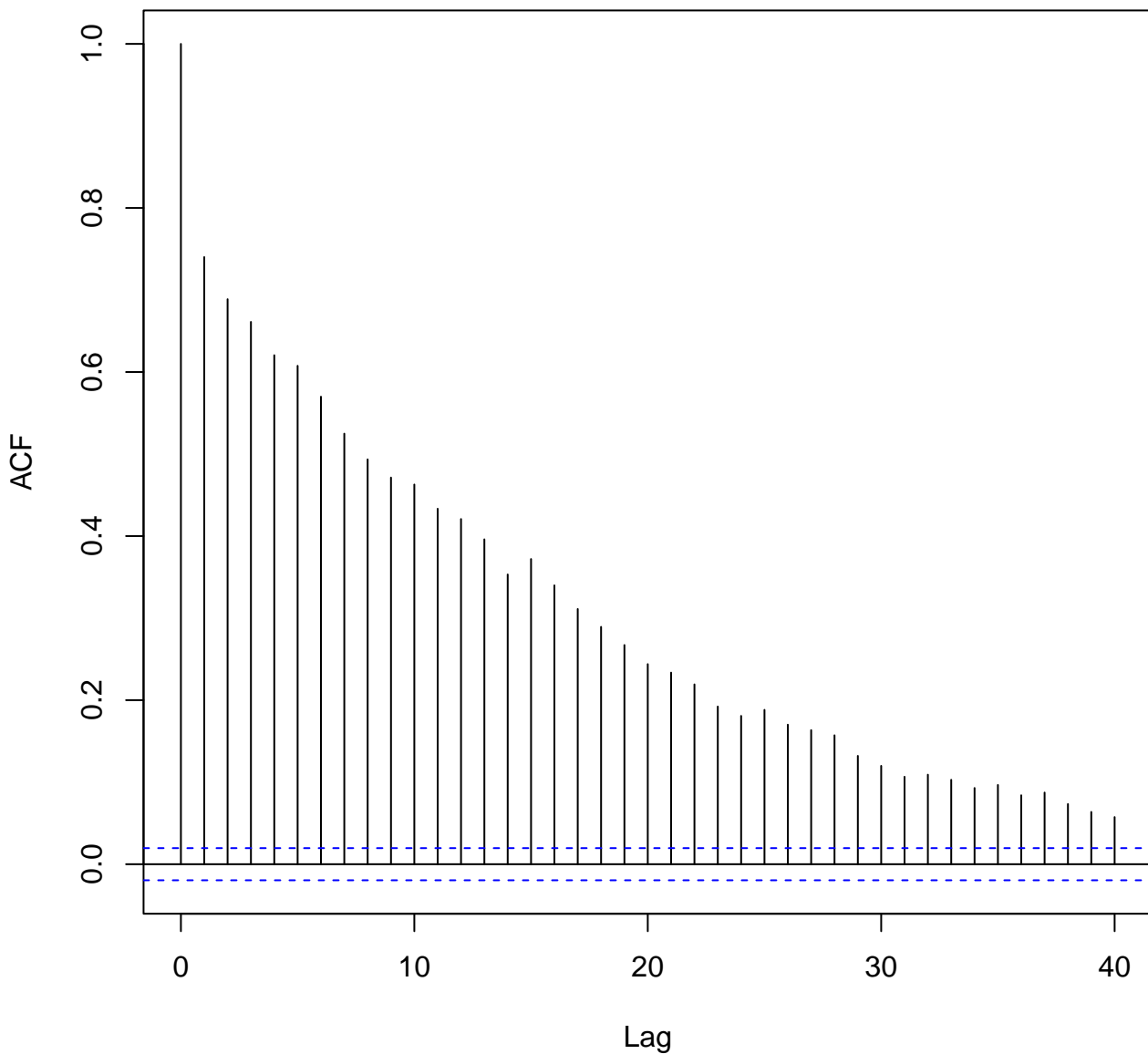
X_34 chain 6



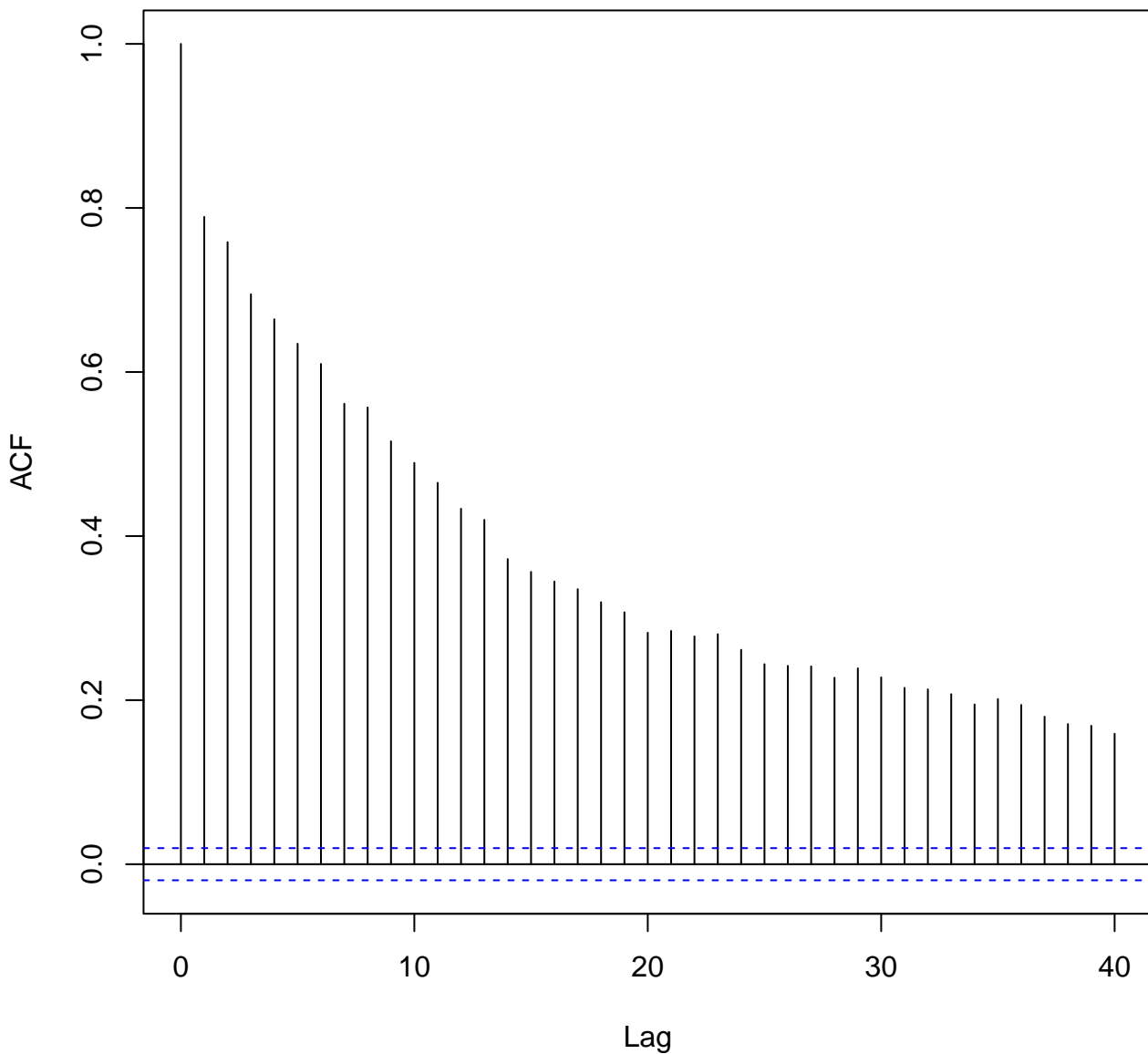
X_35 chain 1



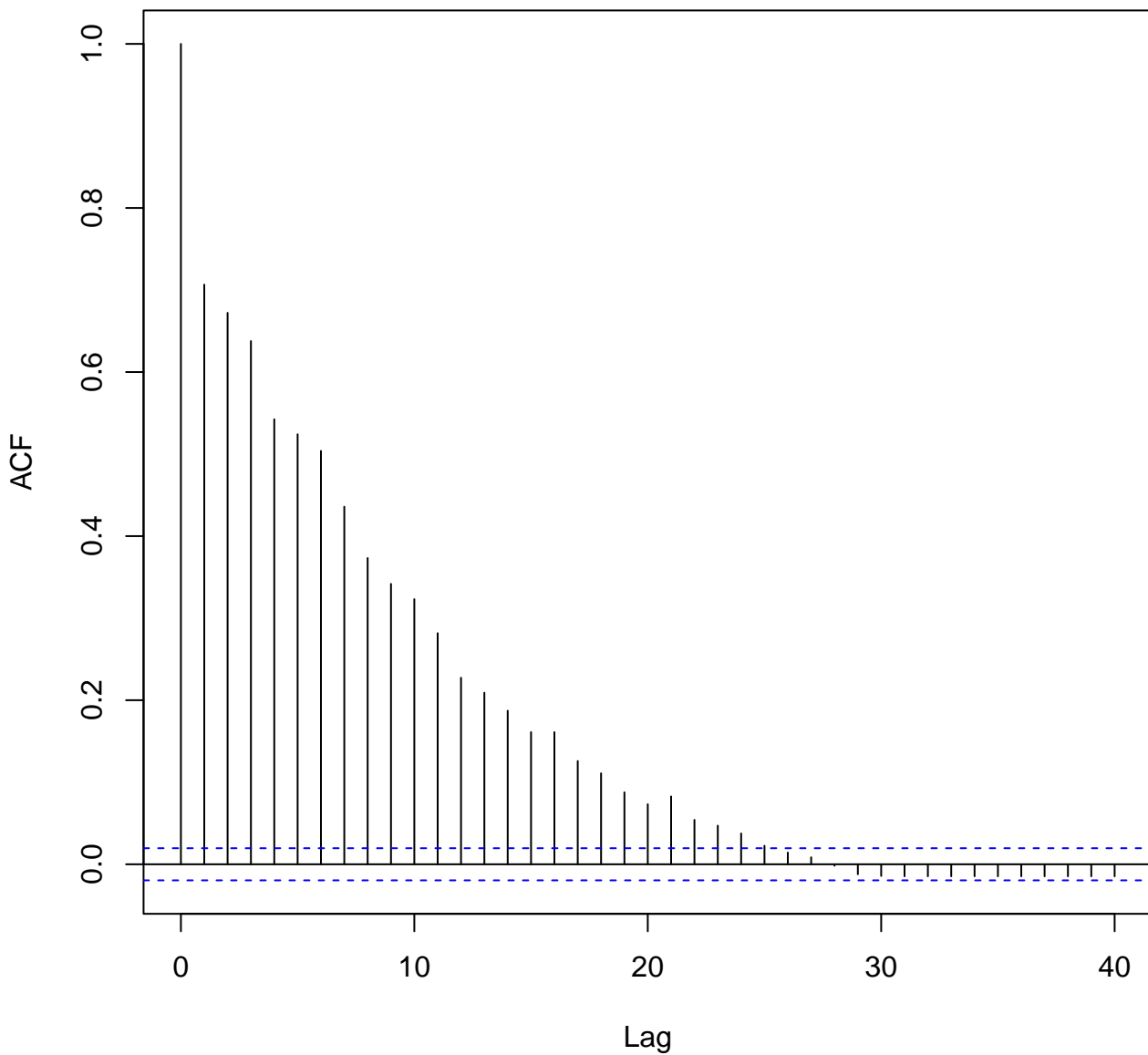
X_35 chain 2



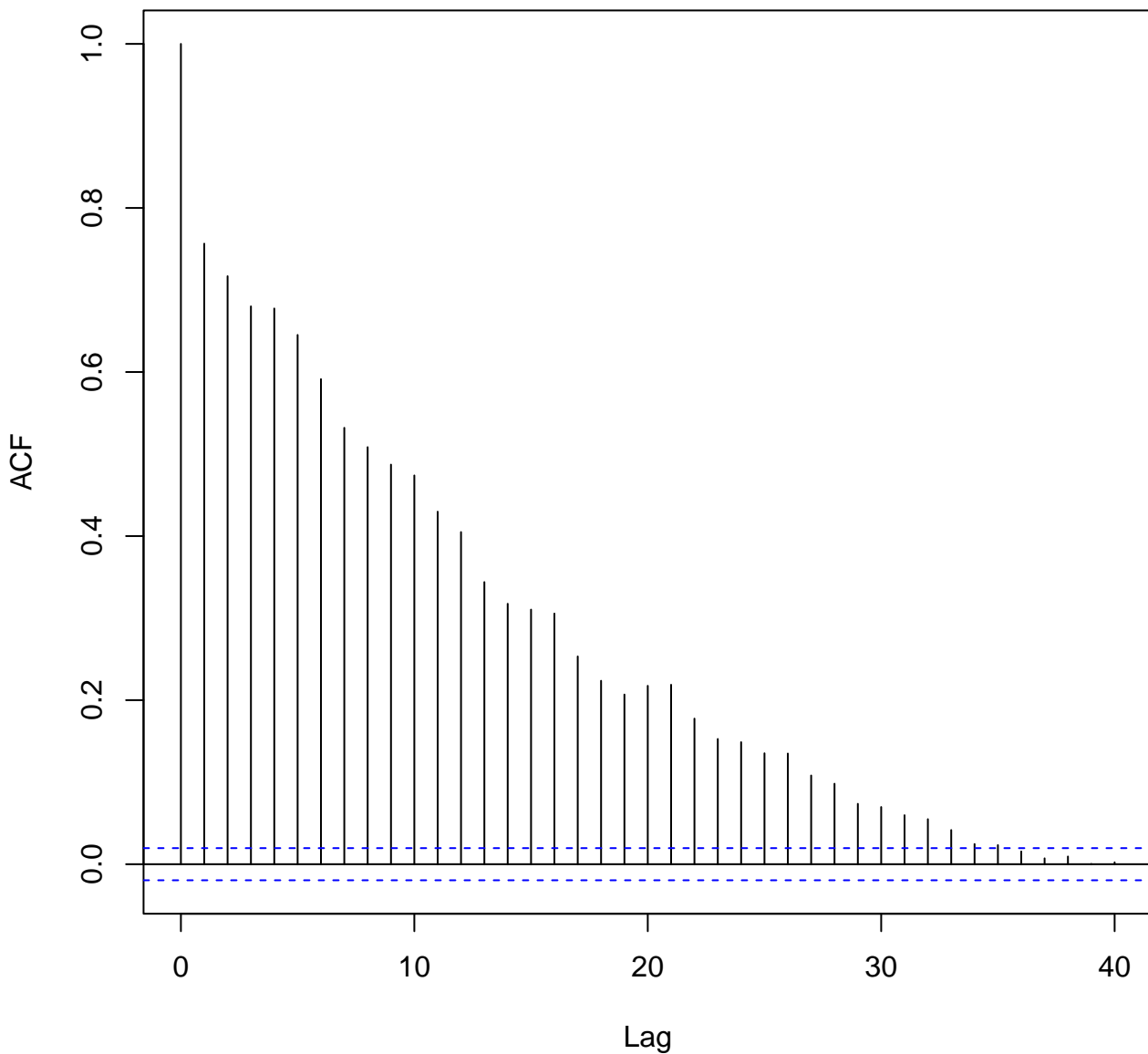
X_35 chain 3



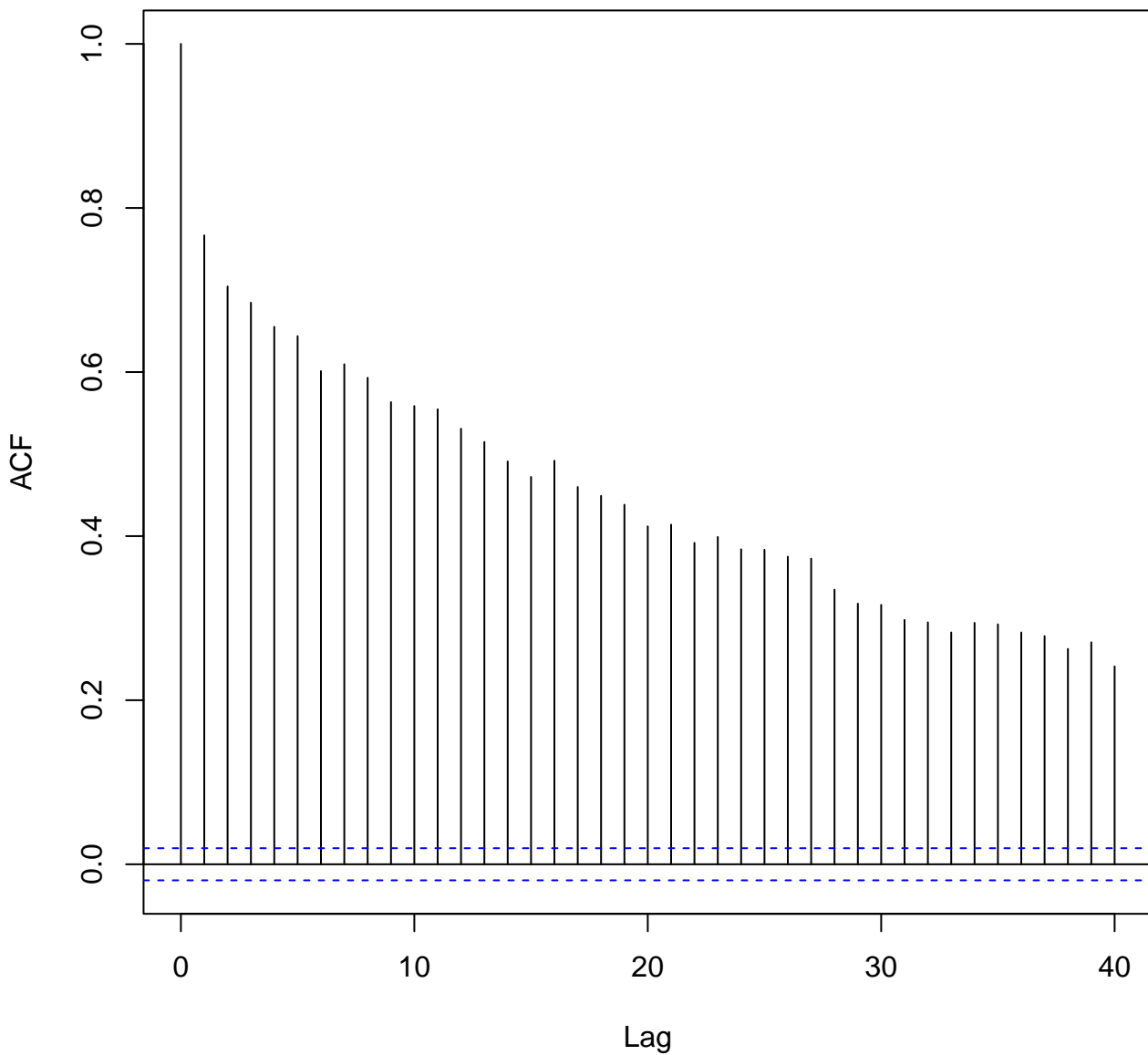
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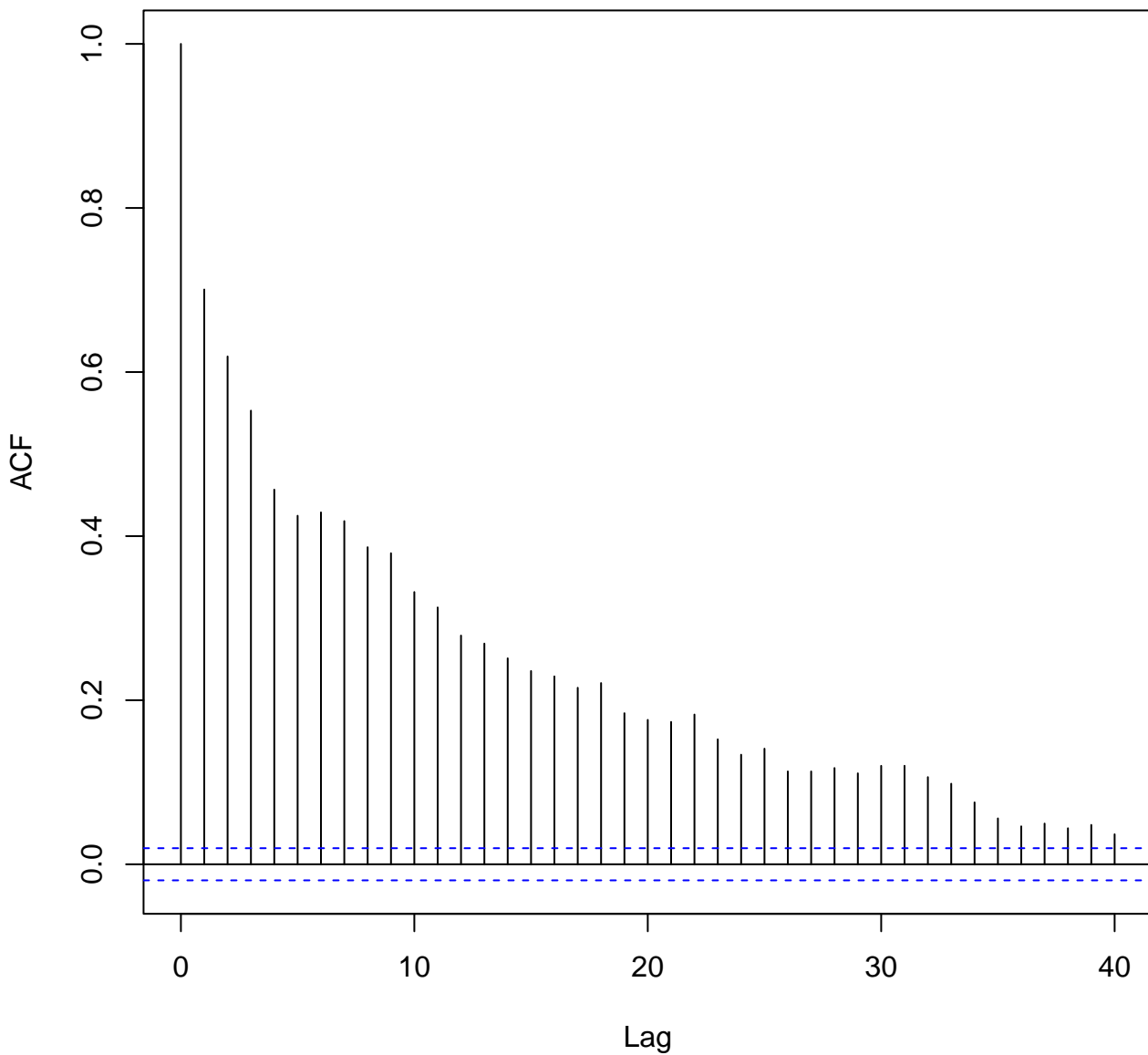
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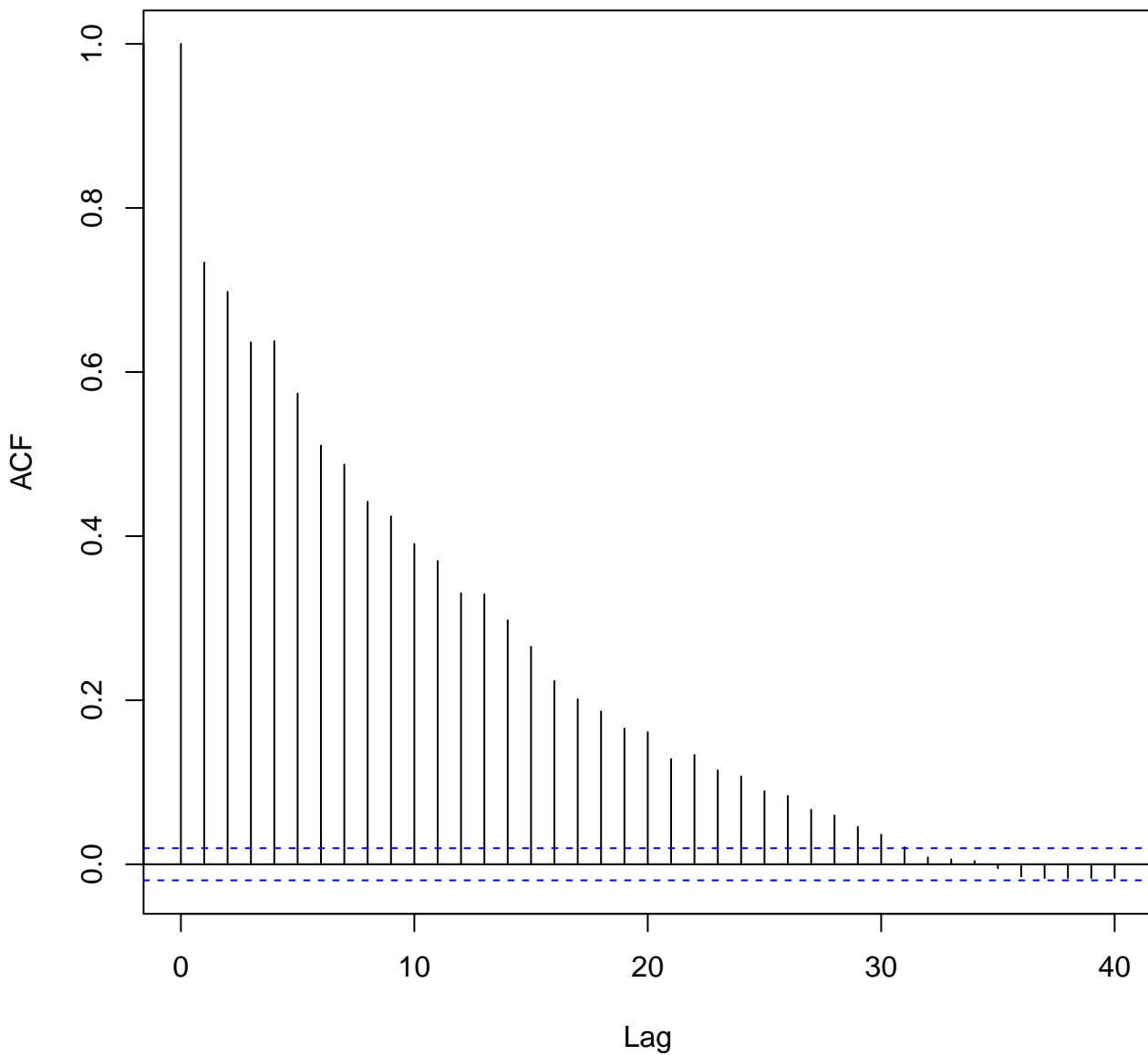
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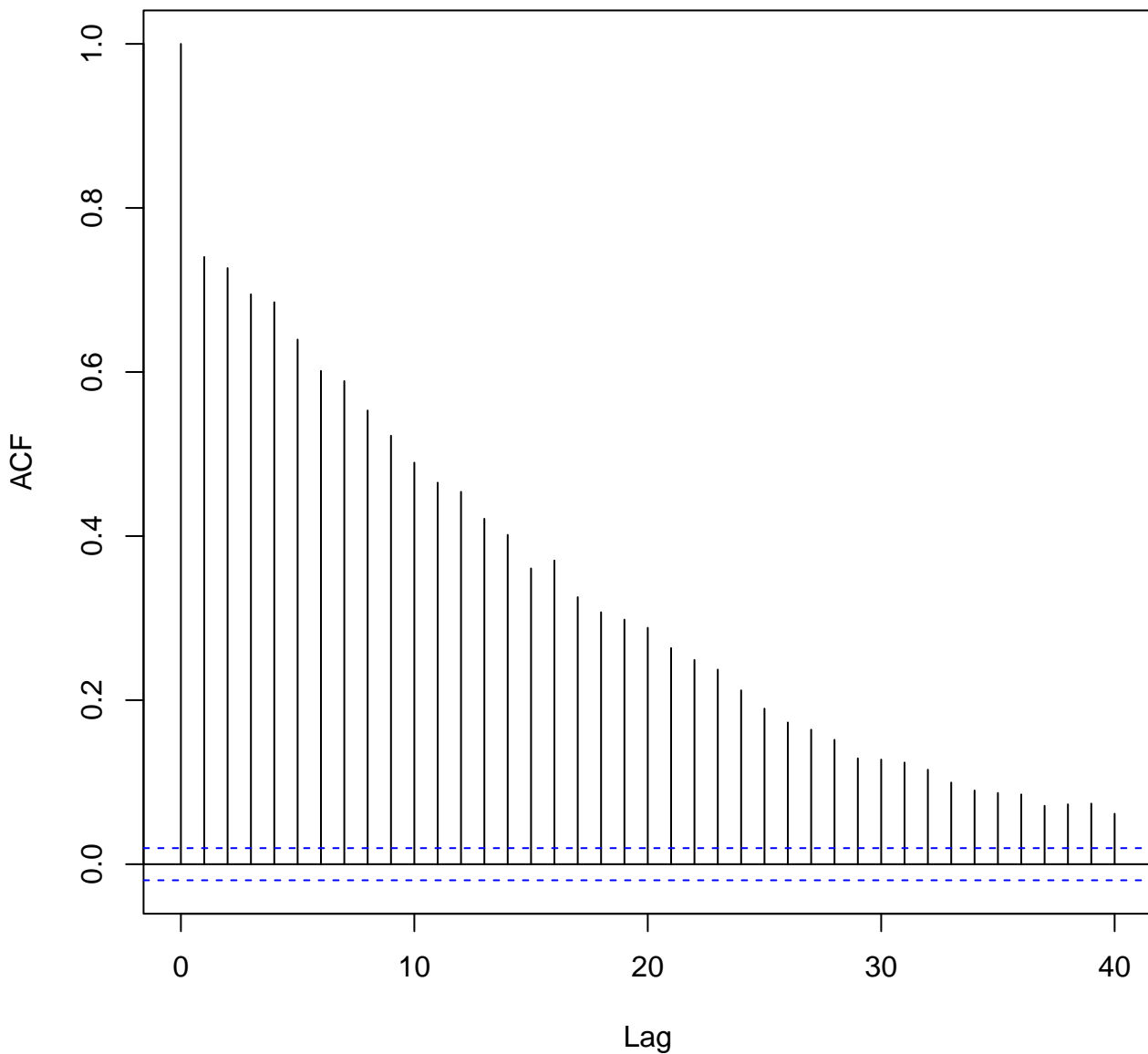
X_36 chain 1



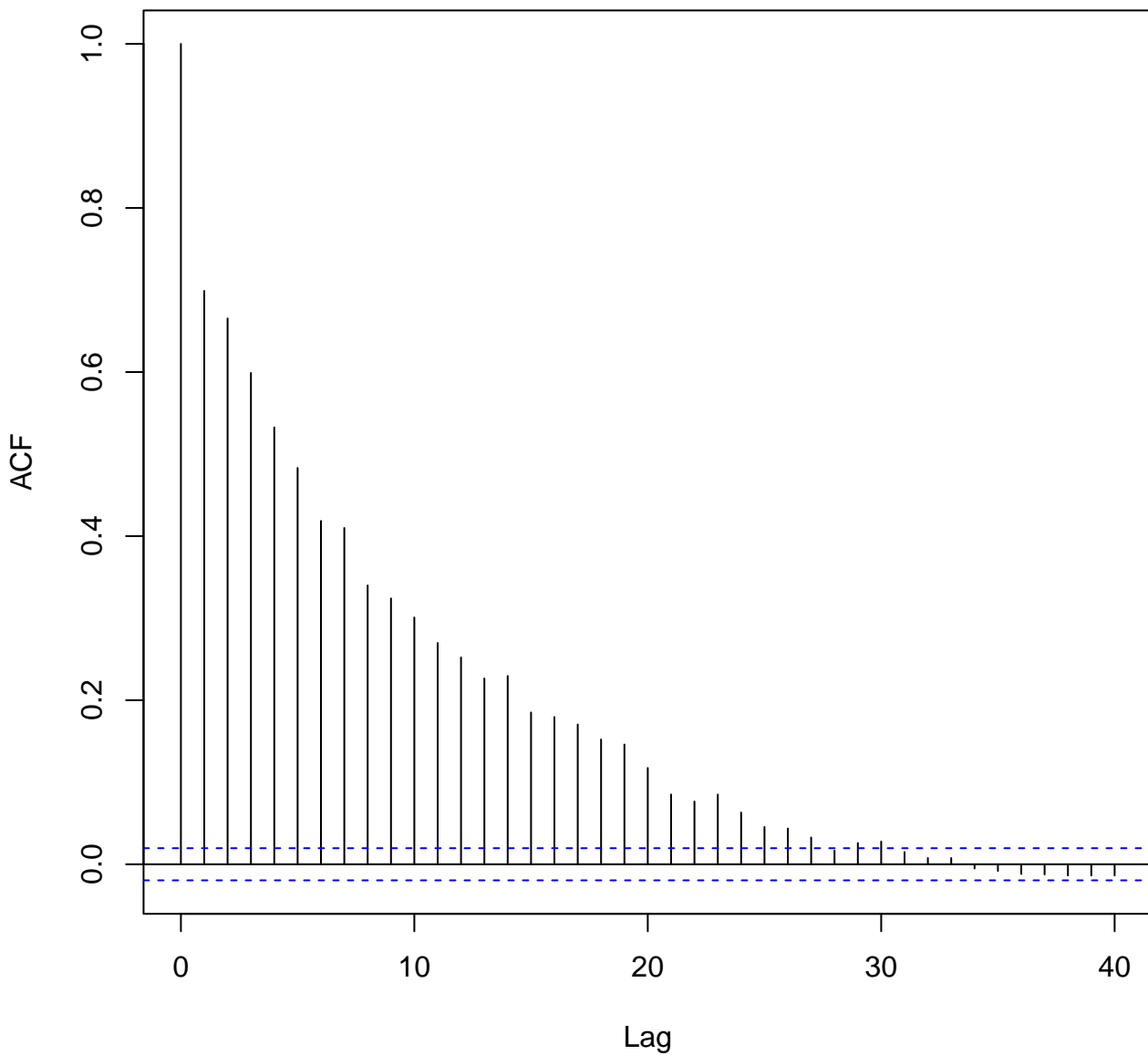
X_36 chain 2



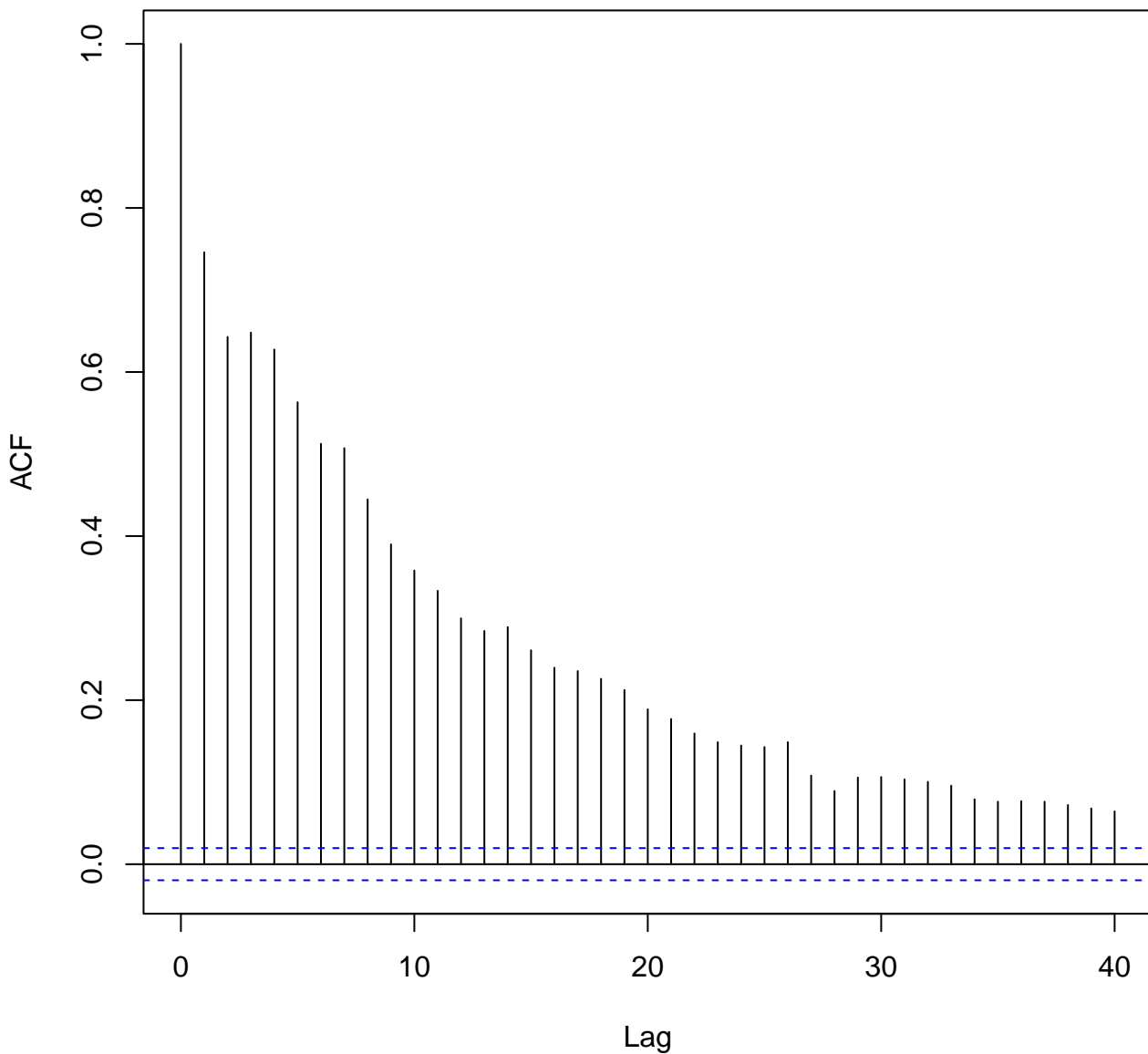
X_36 chain 3



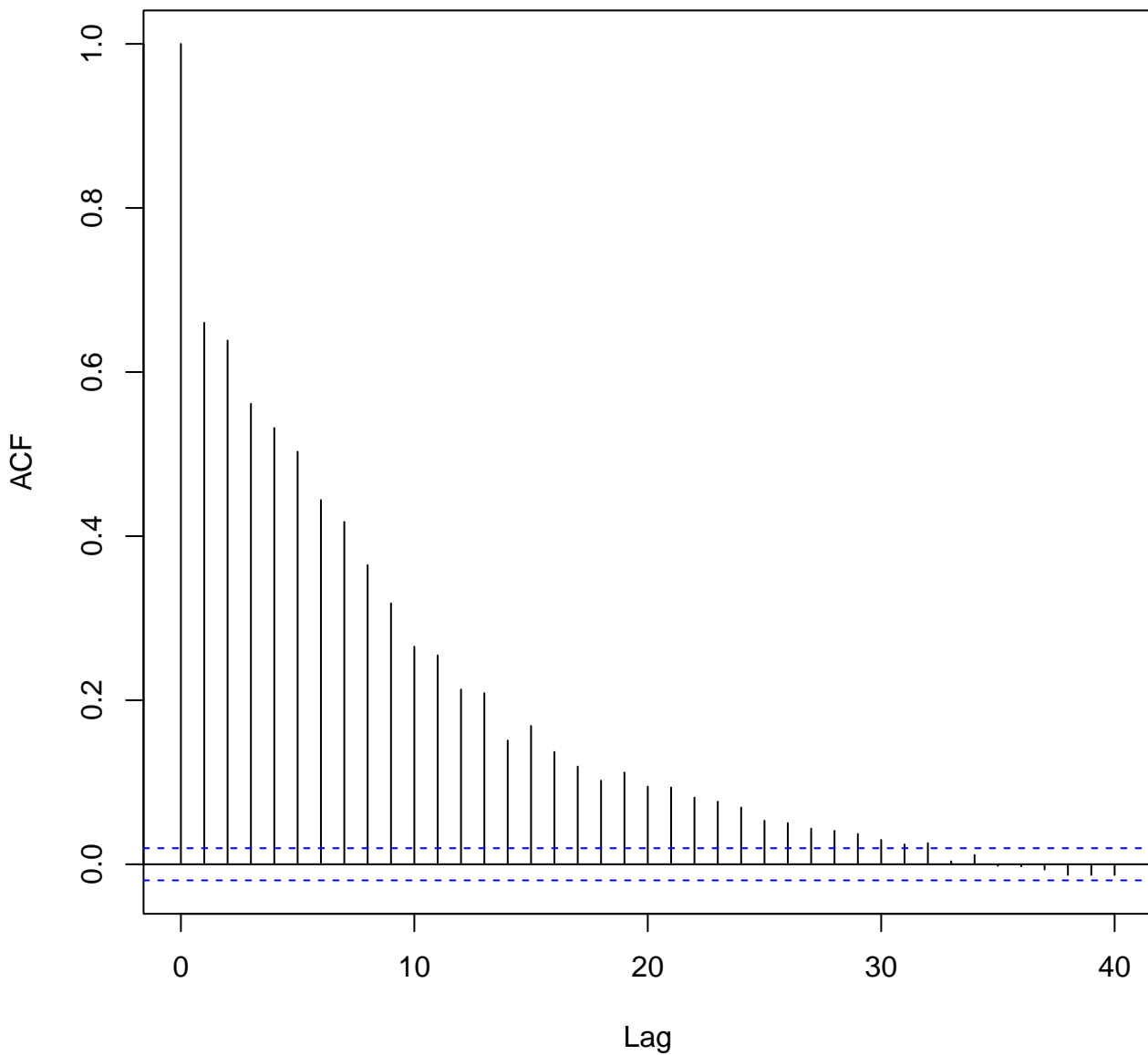
X_36 chain 4



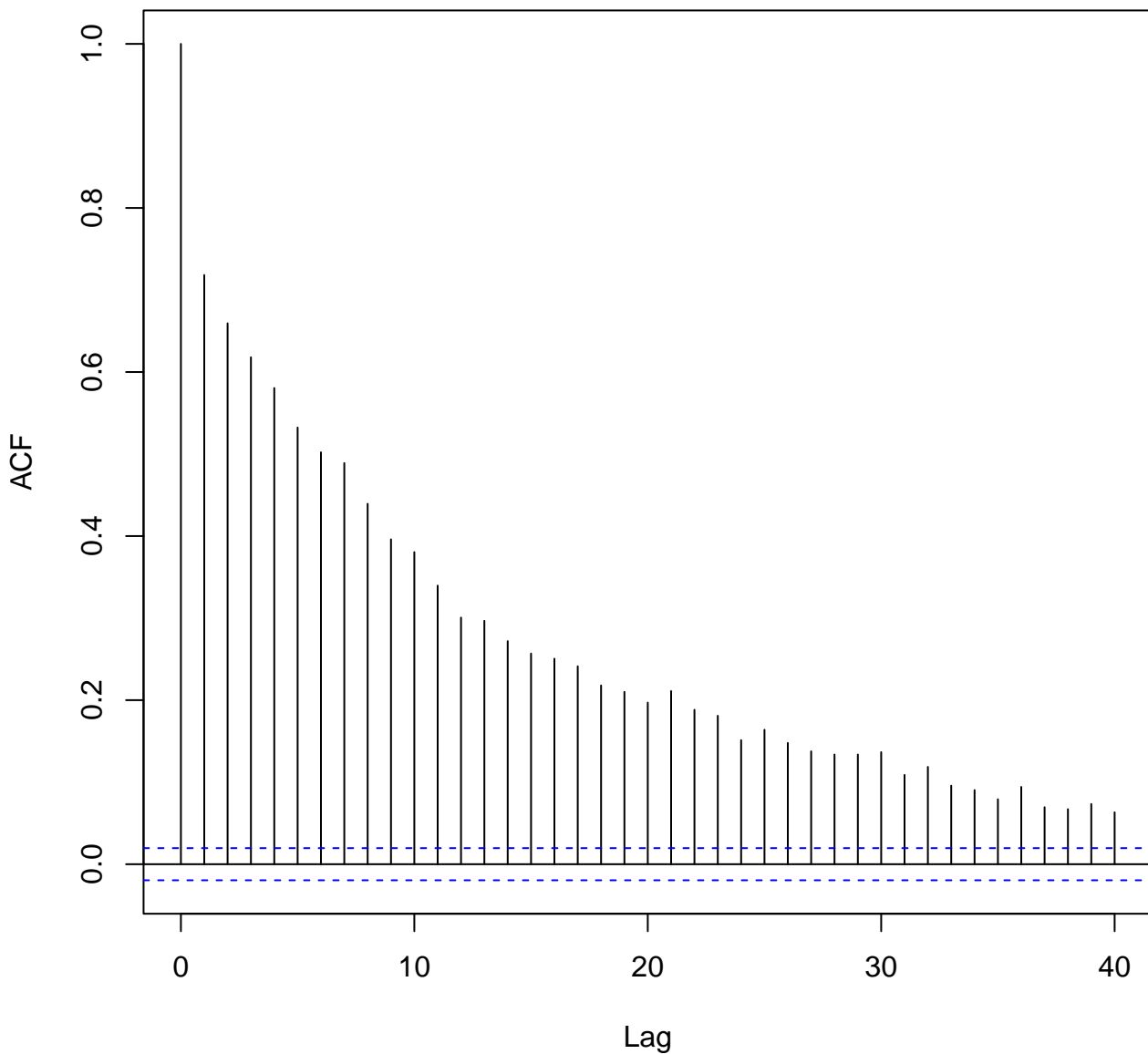
X_36 chain 5



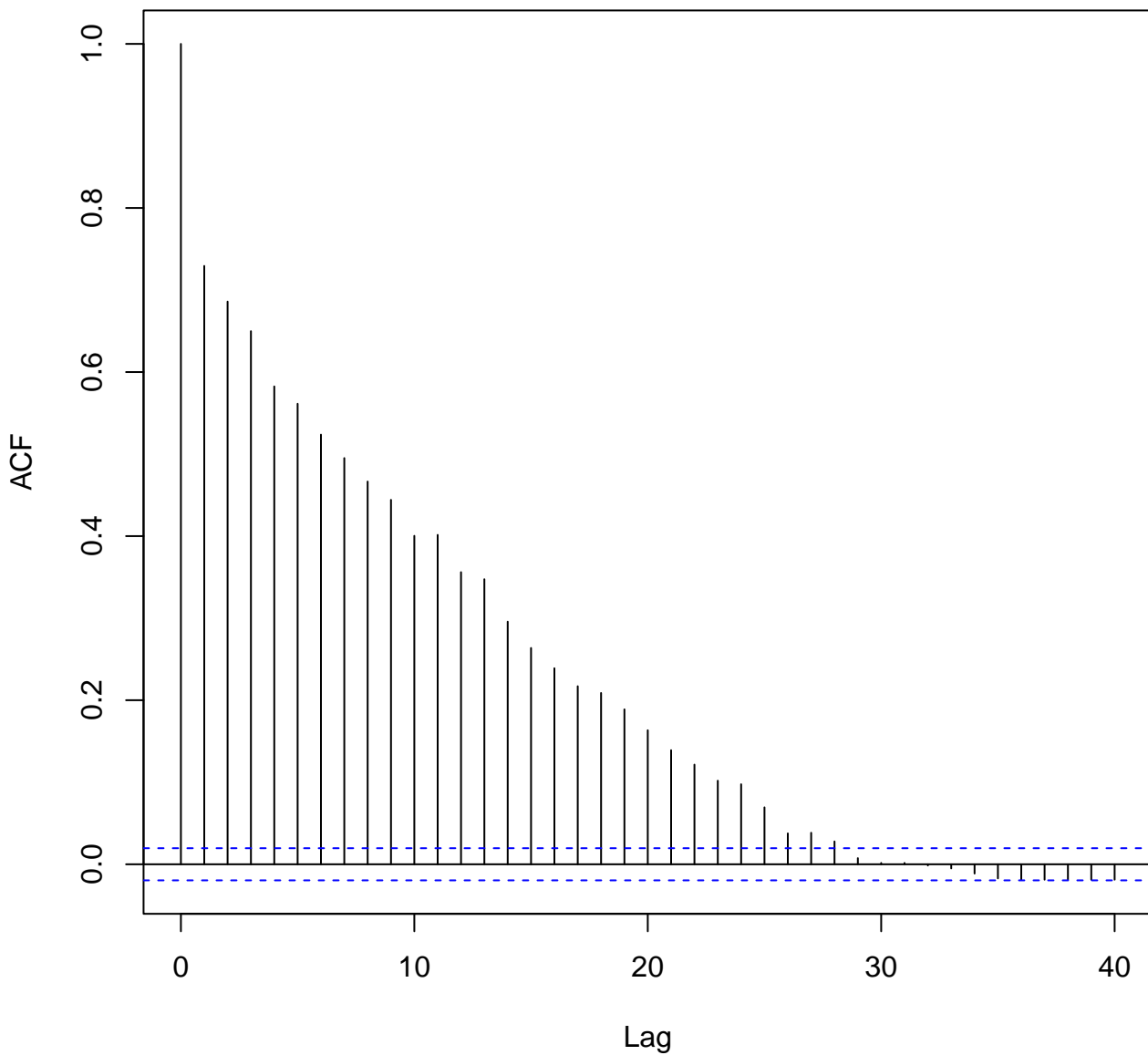
X_36 chain 6



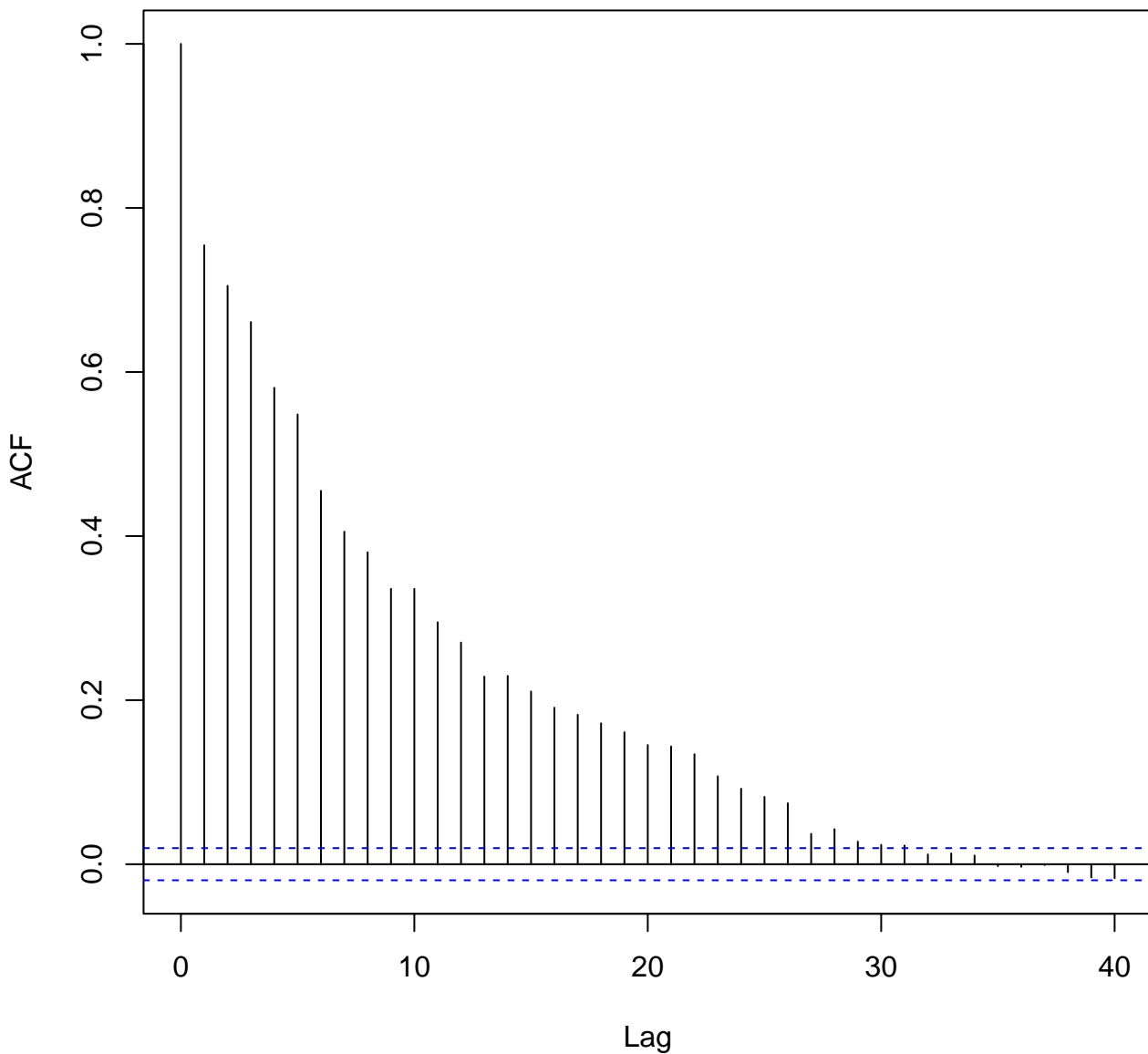
X_37 chain 1



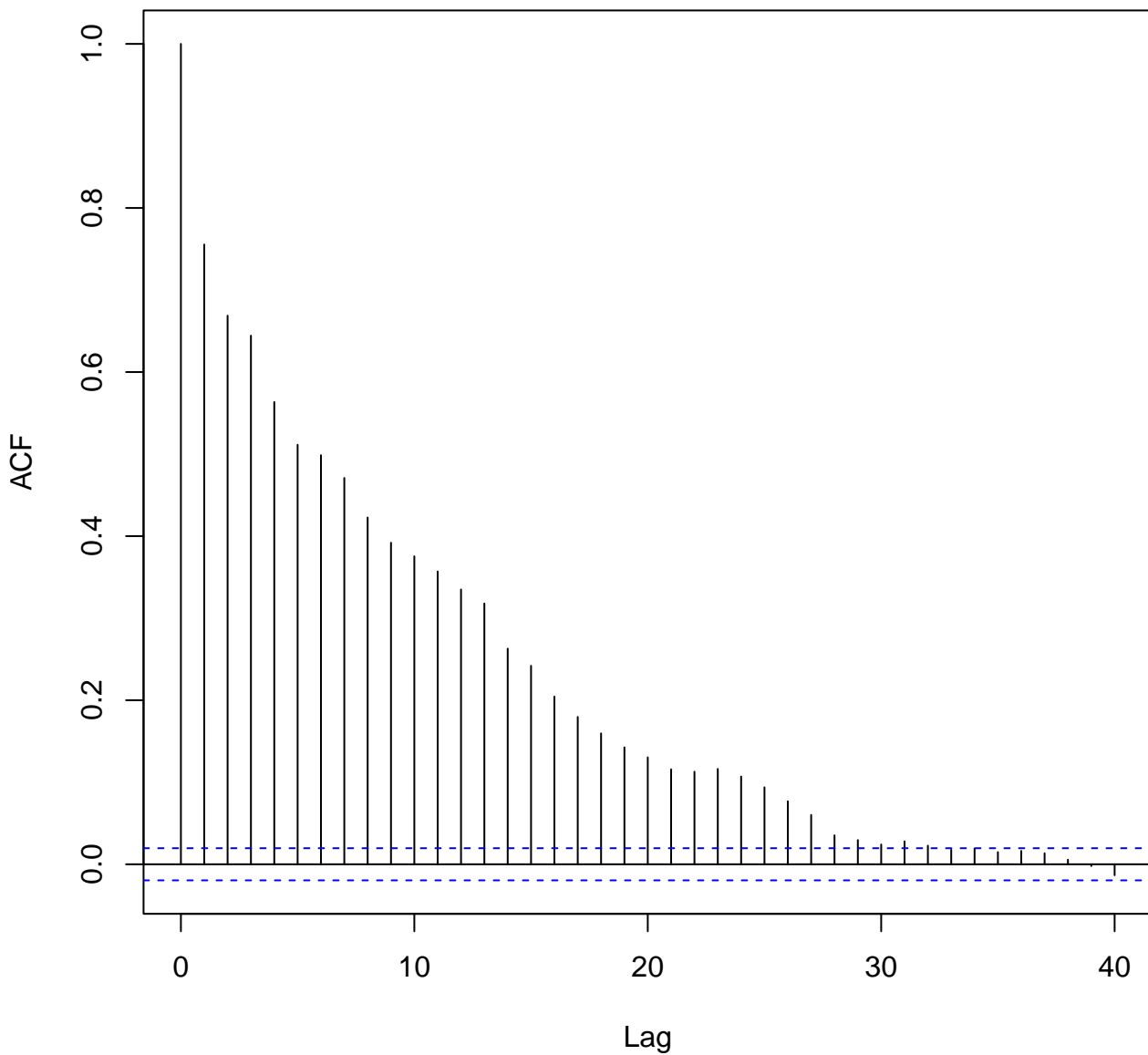
X_37 chain 2



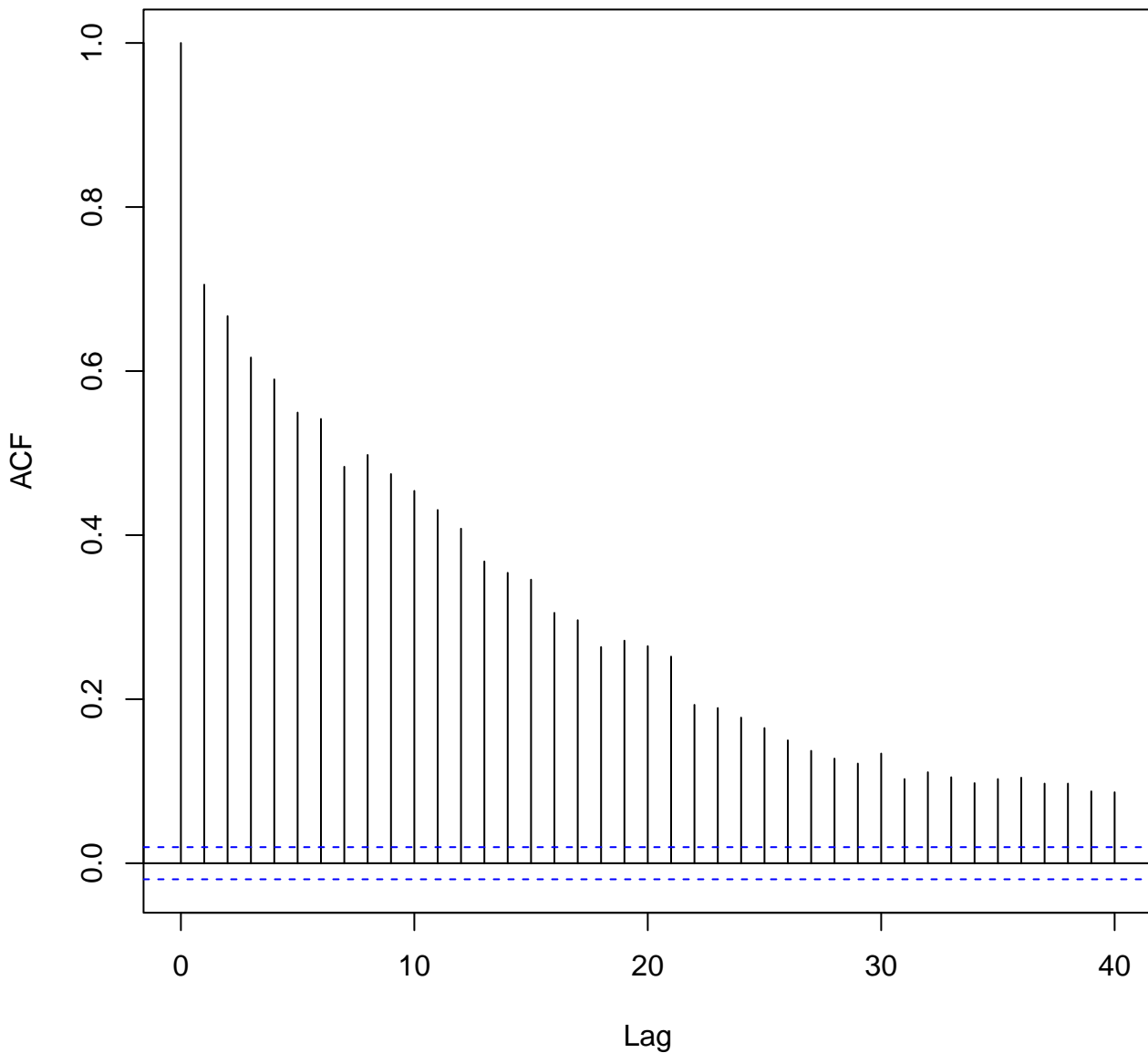
X_37 chain 3



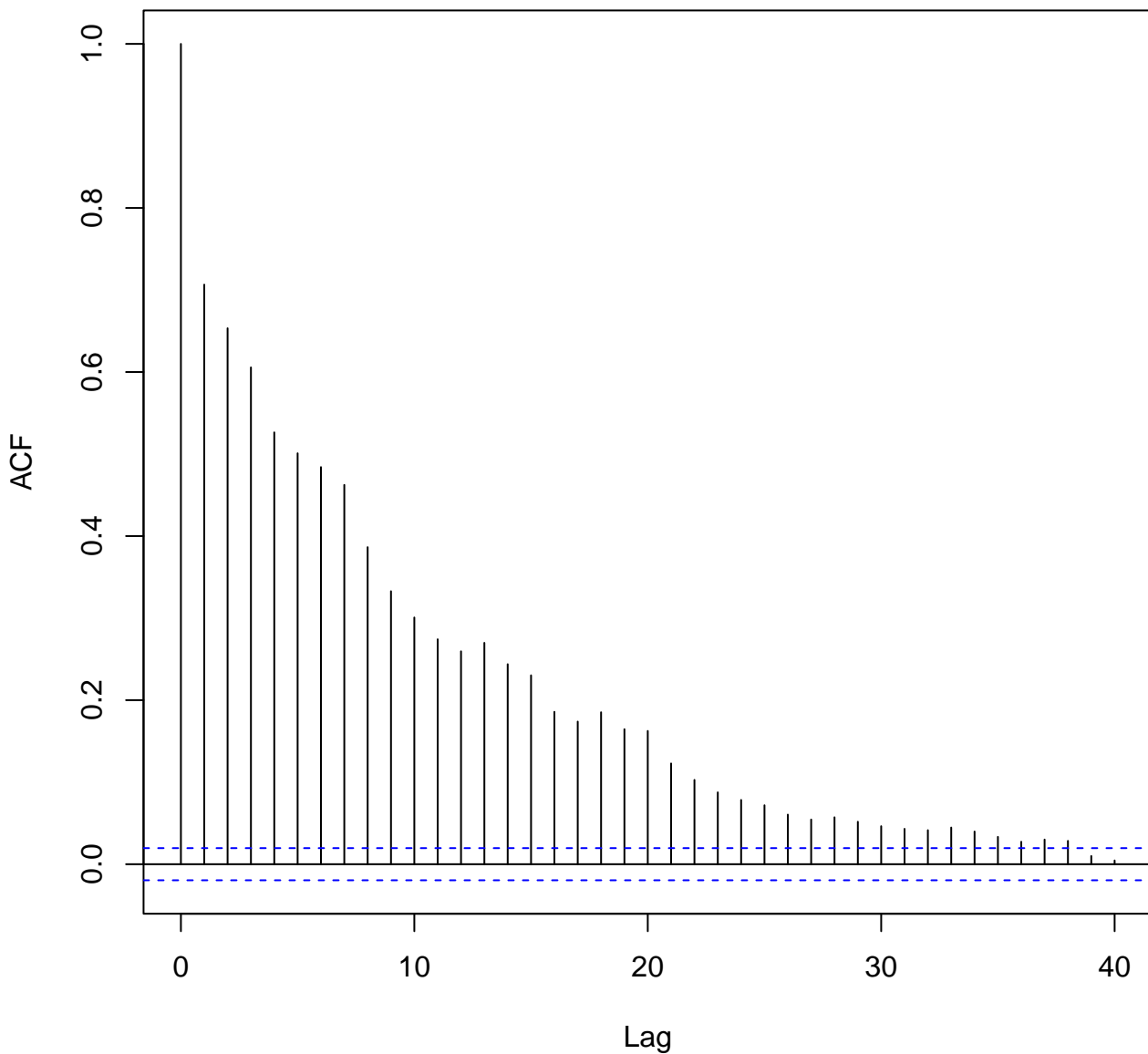
X_37 chain 4



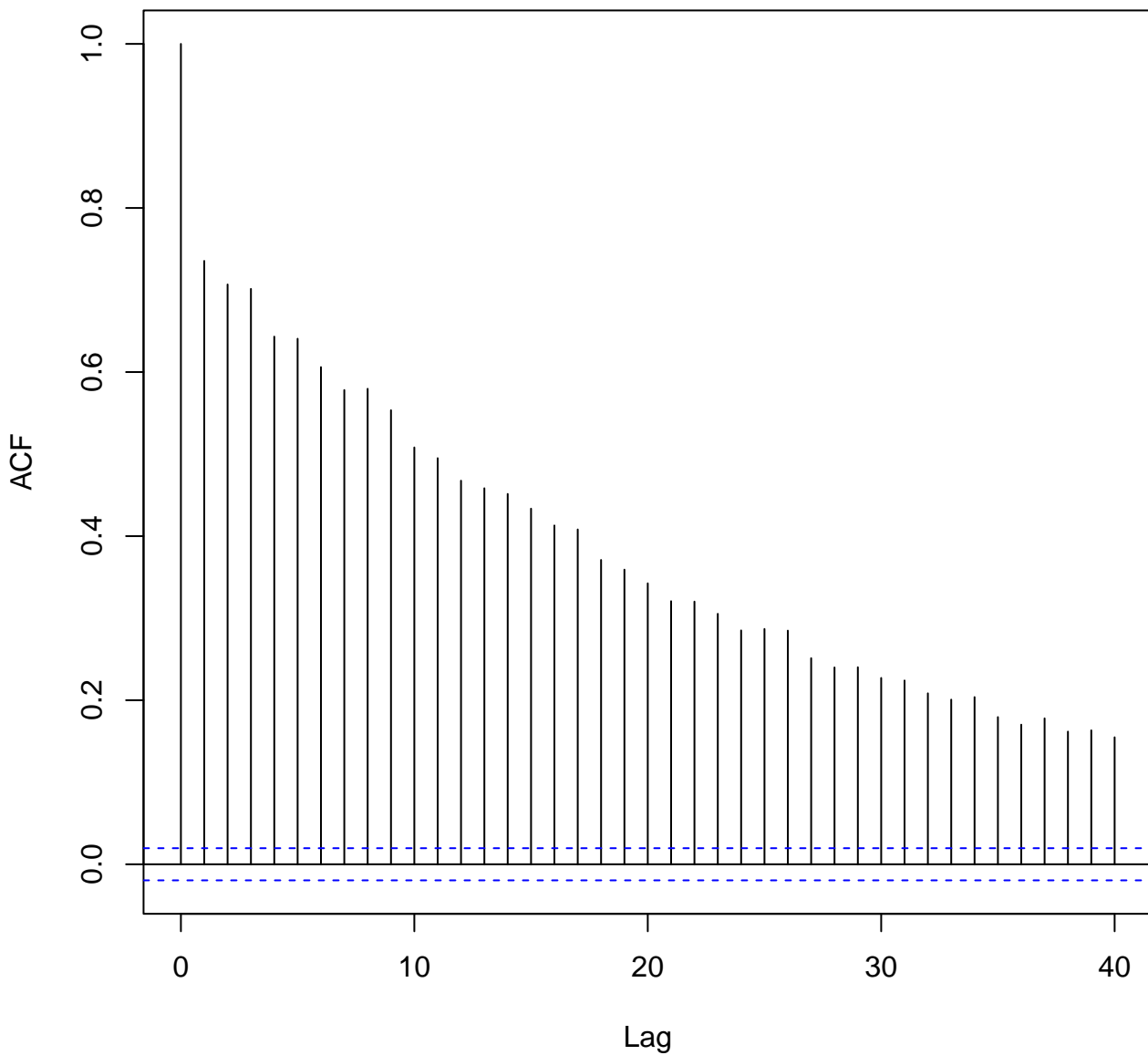
X_37 chain 5



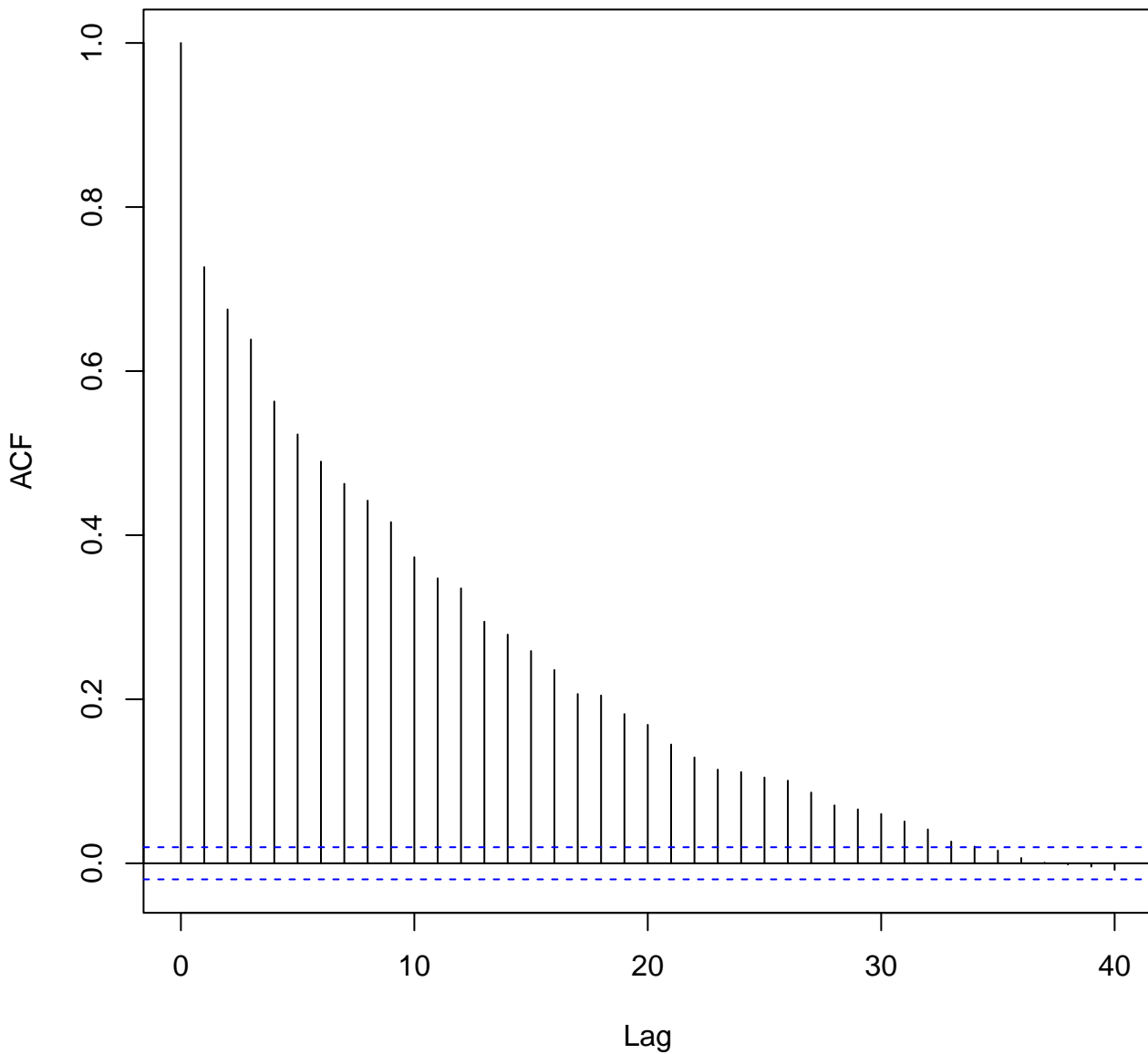
X_37 chain 6



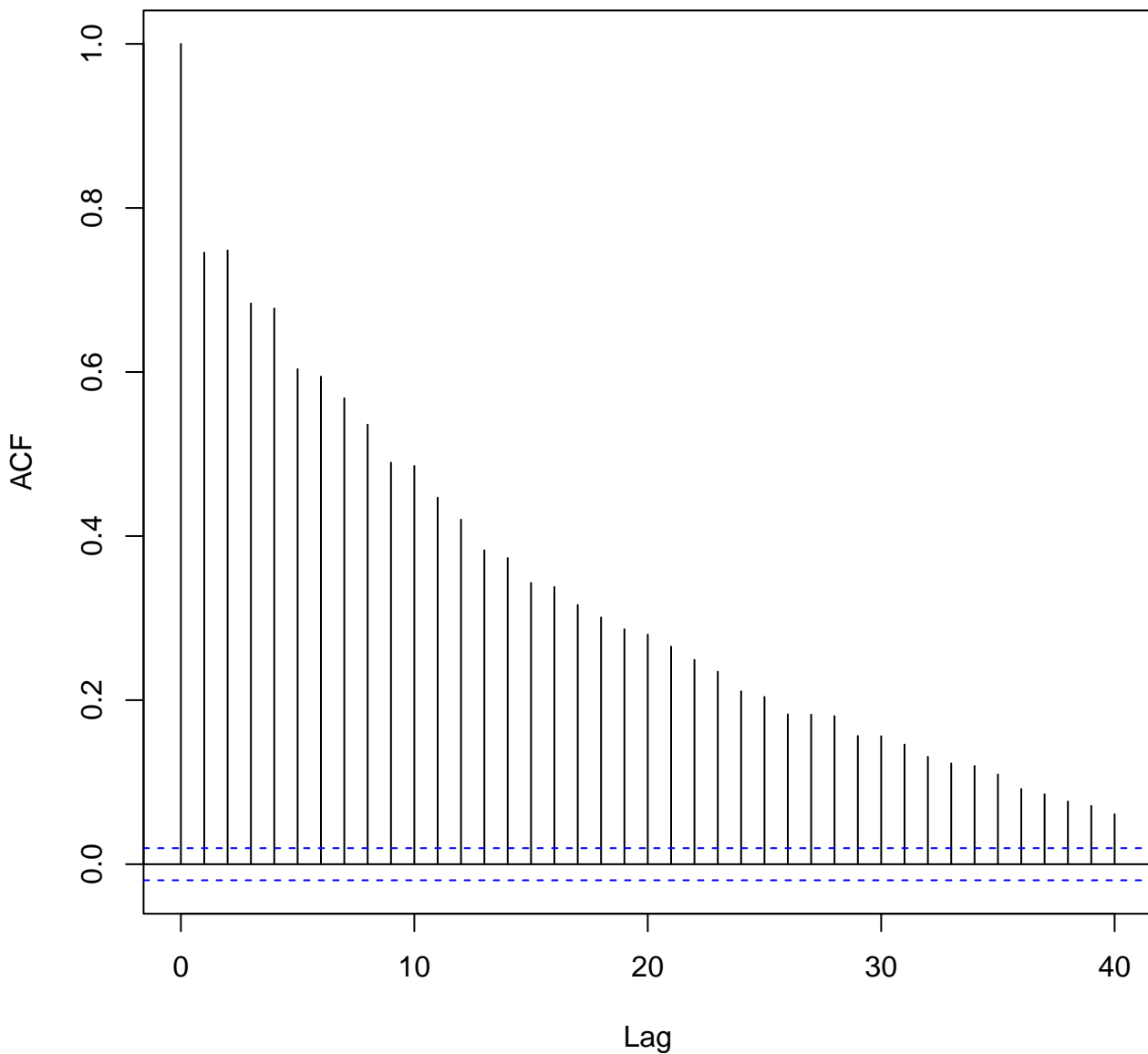
X_38 chain 1



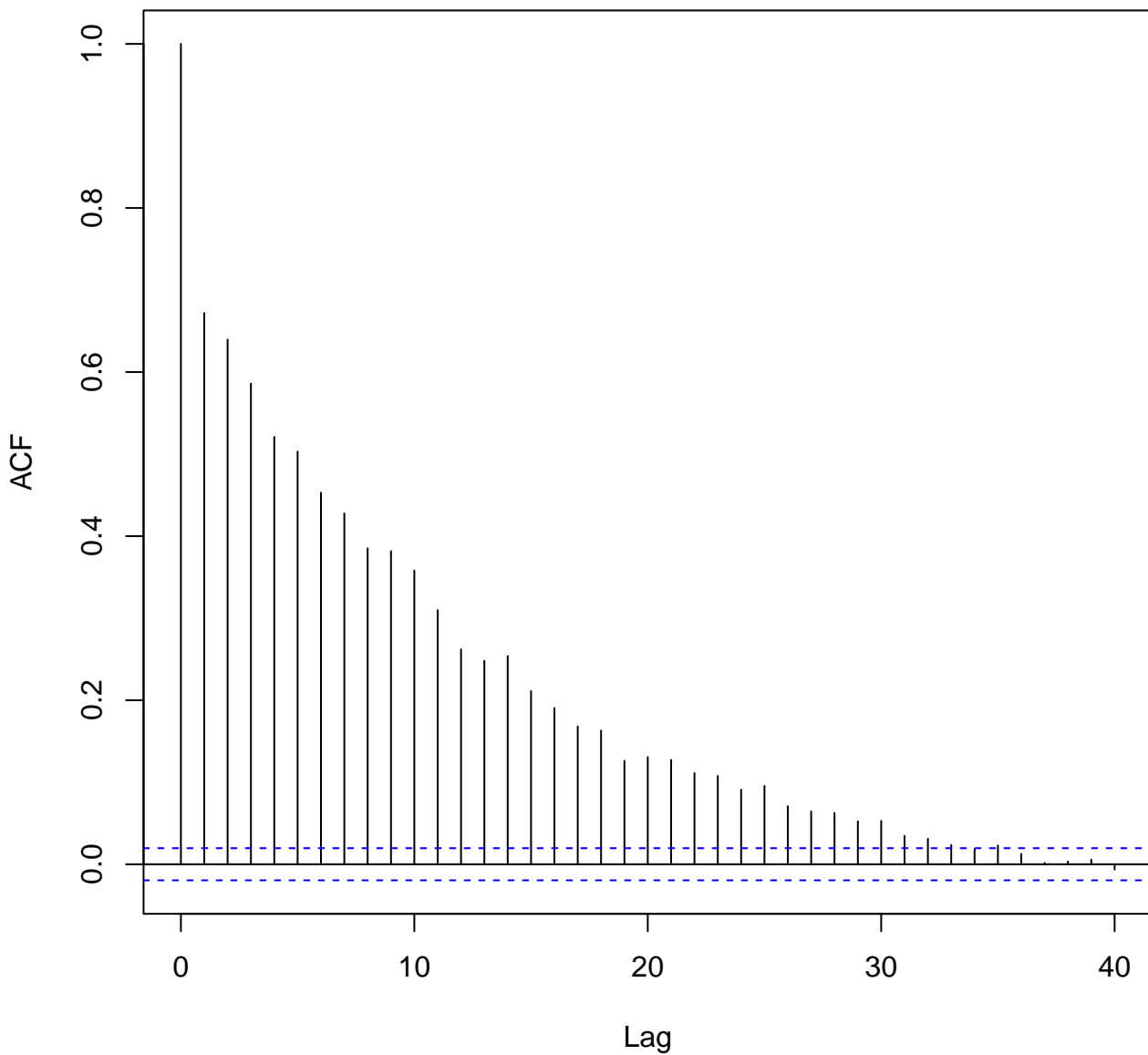
X_38 chain 2



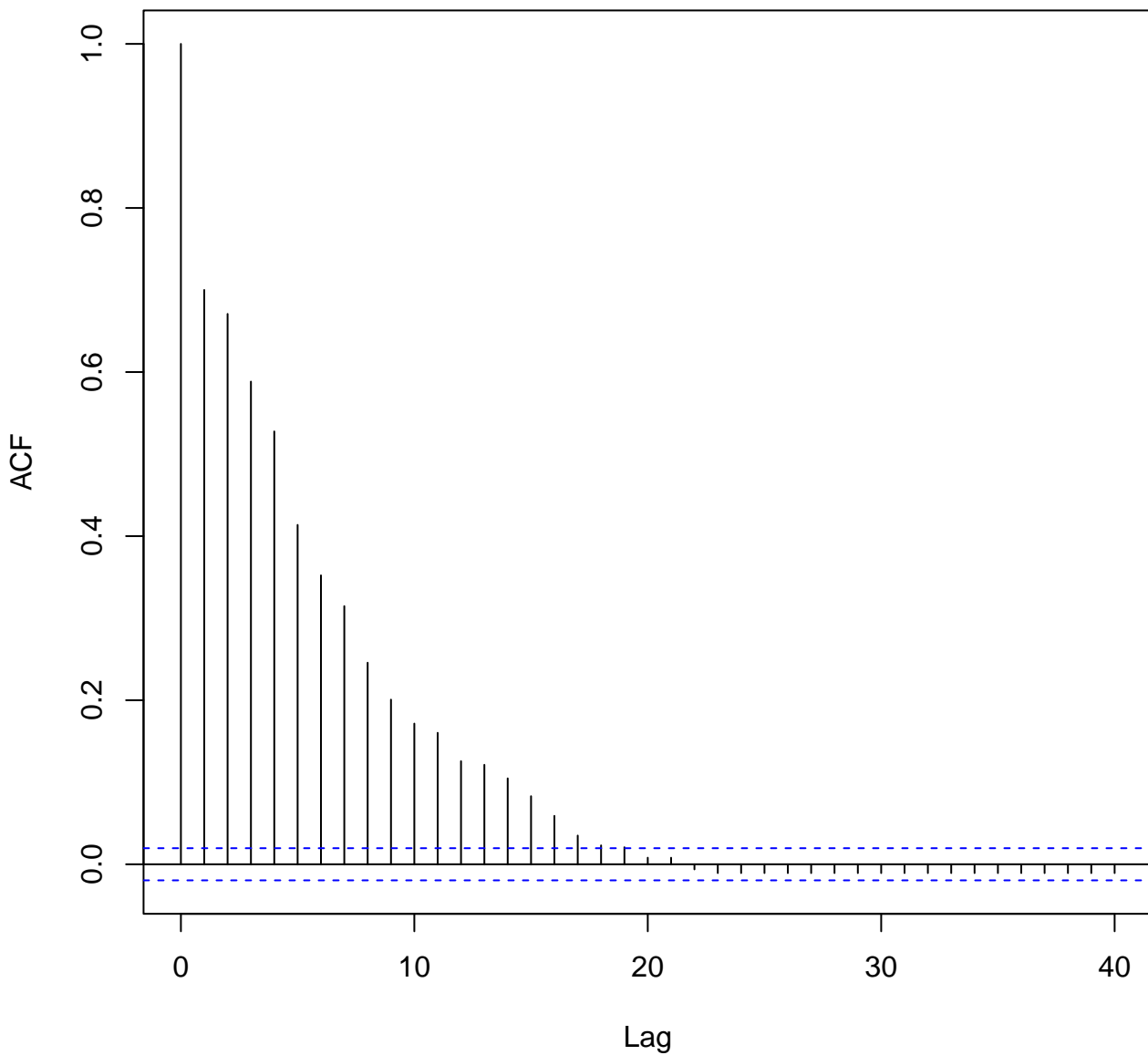
X_38 chain 3



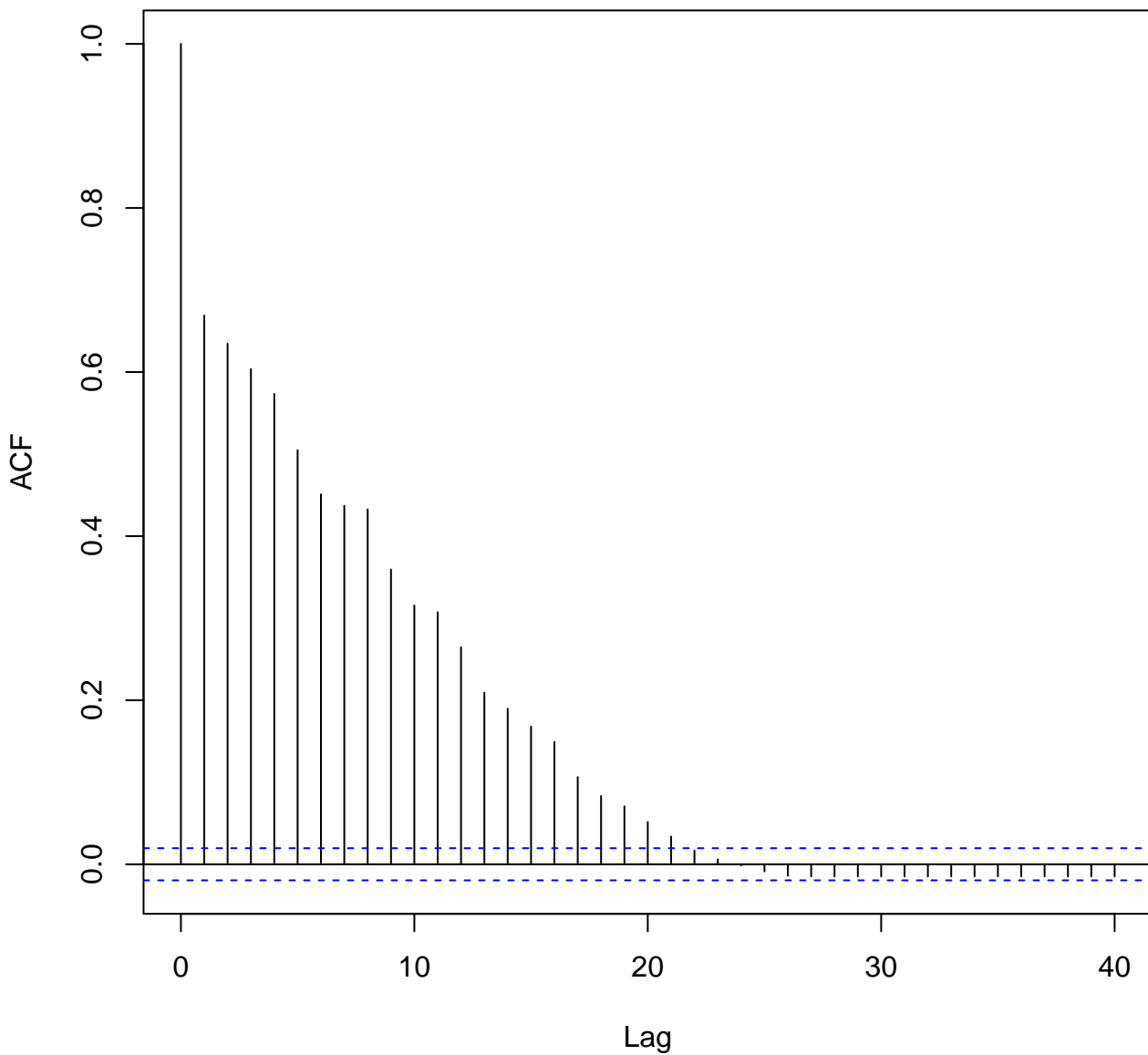
X_38 chain 4



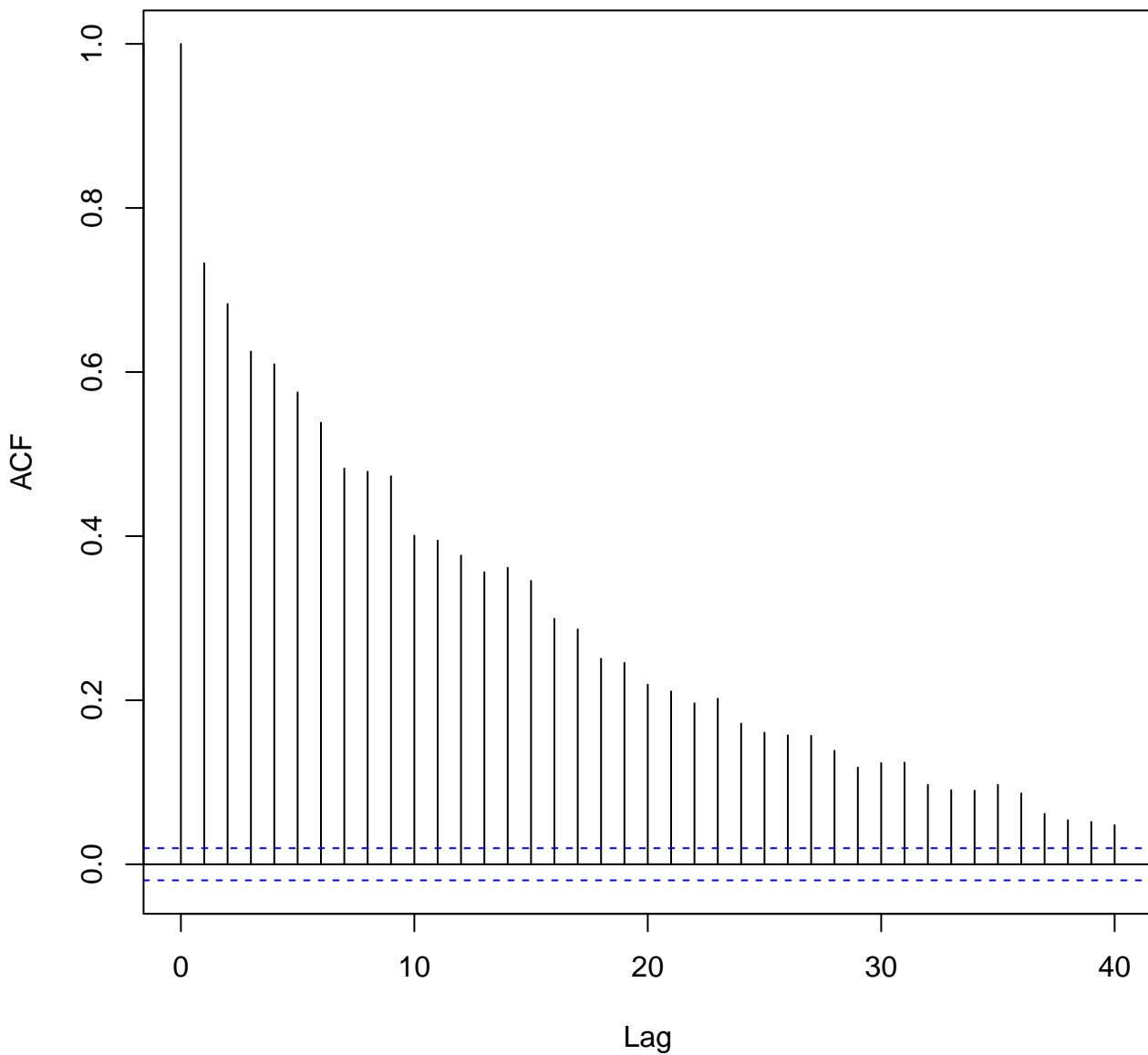
X_38 chain 5



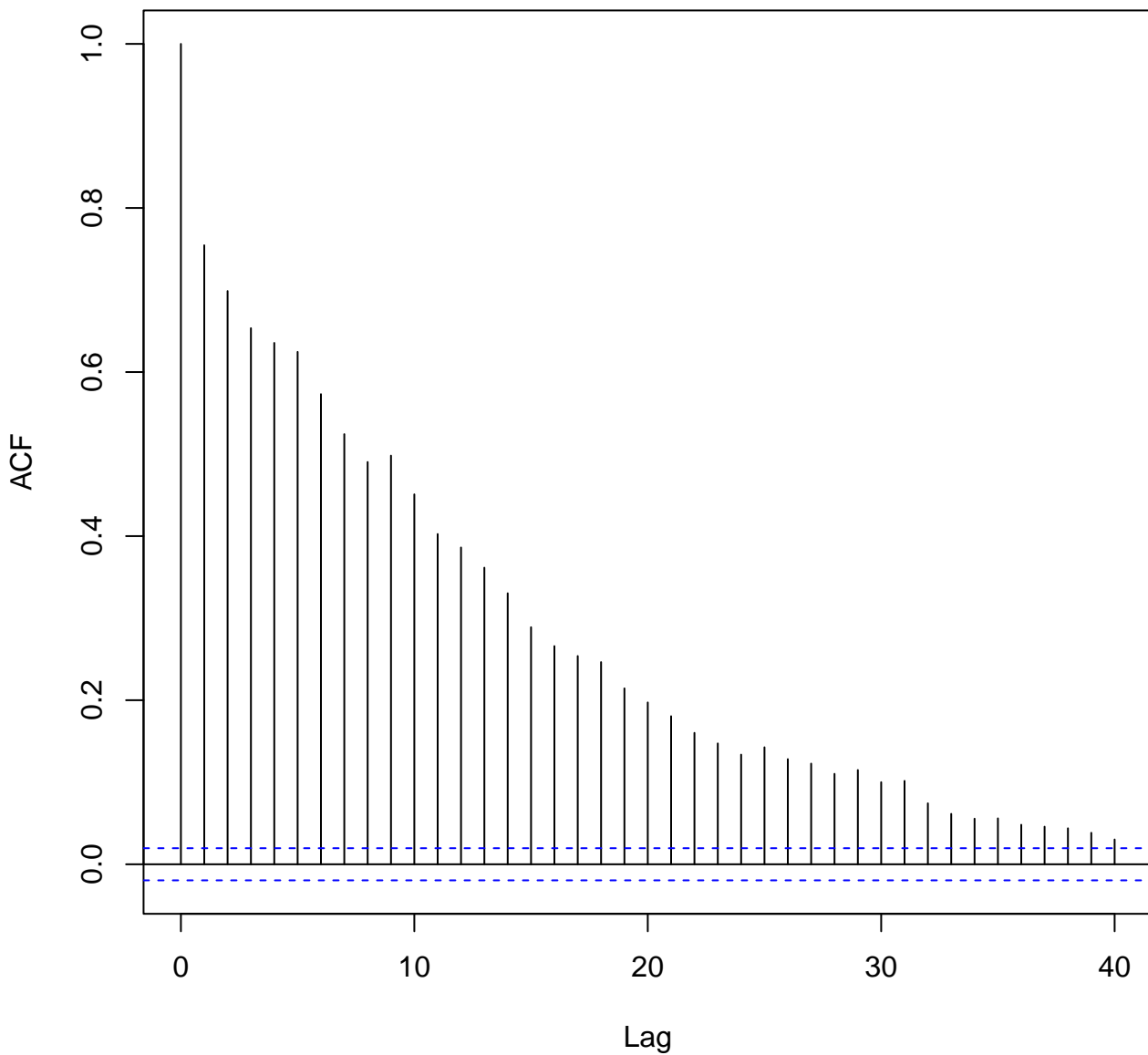
X_38 chain 6



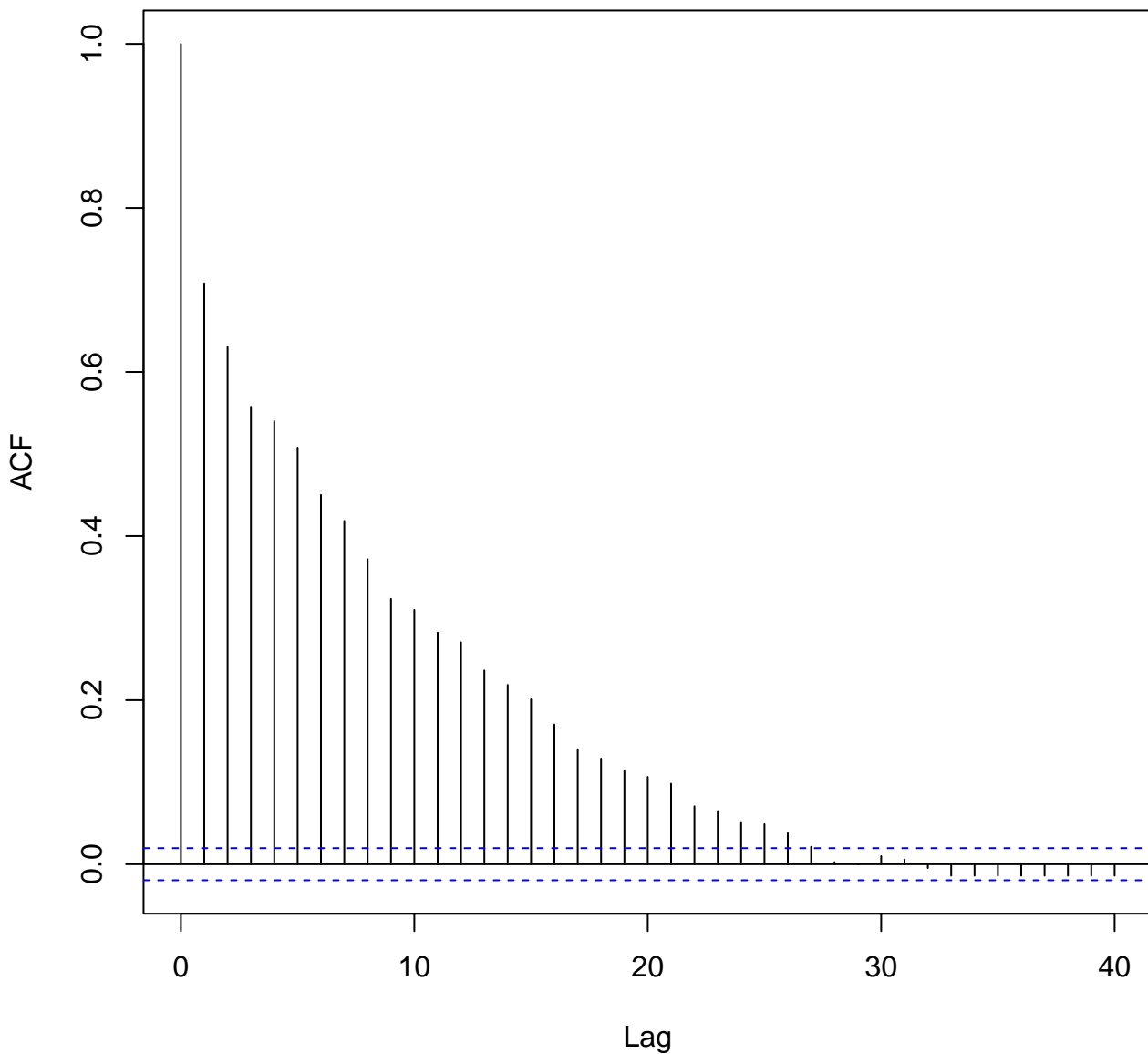
X_39 chain 1



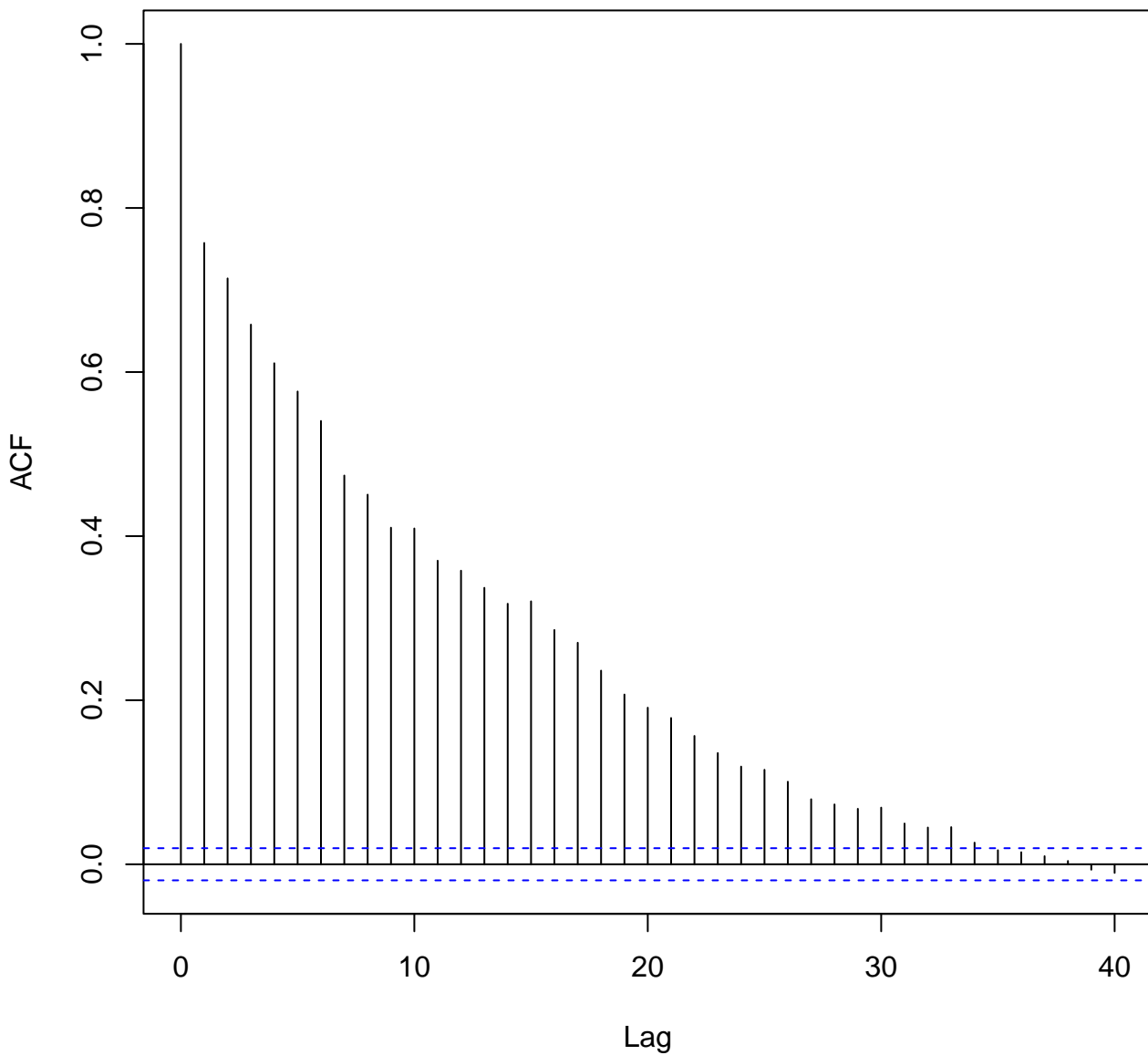
X_39 chain 2



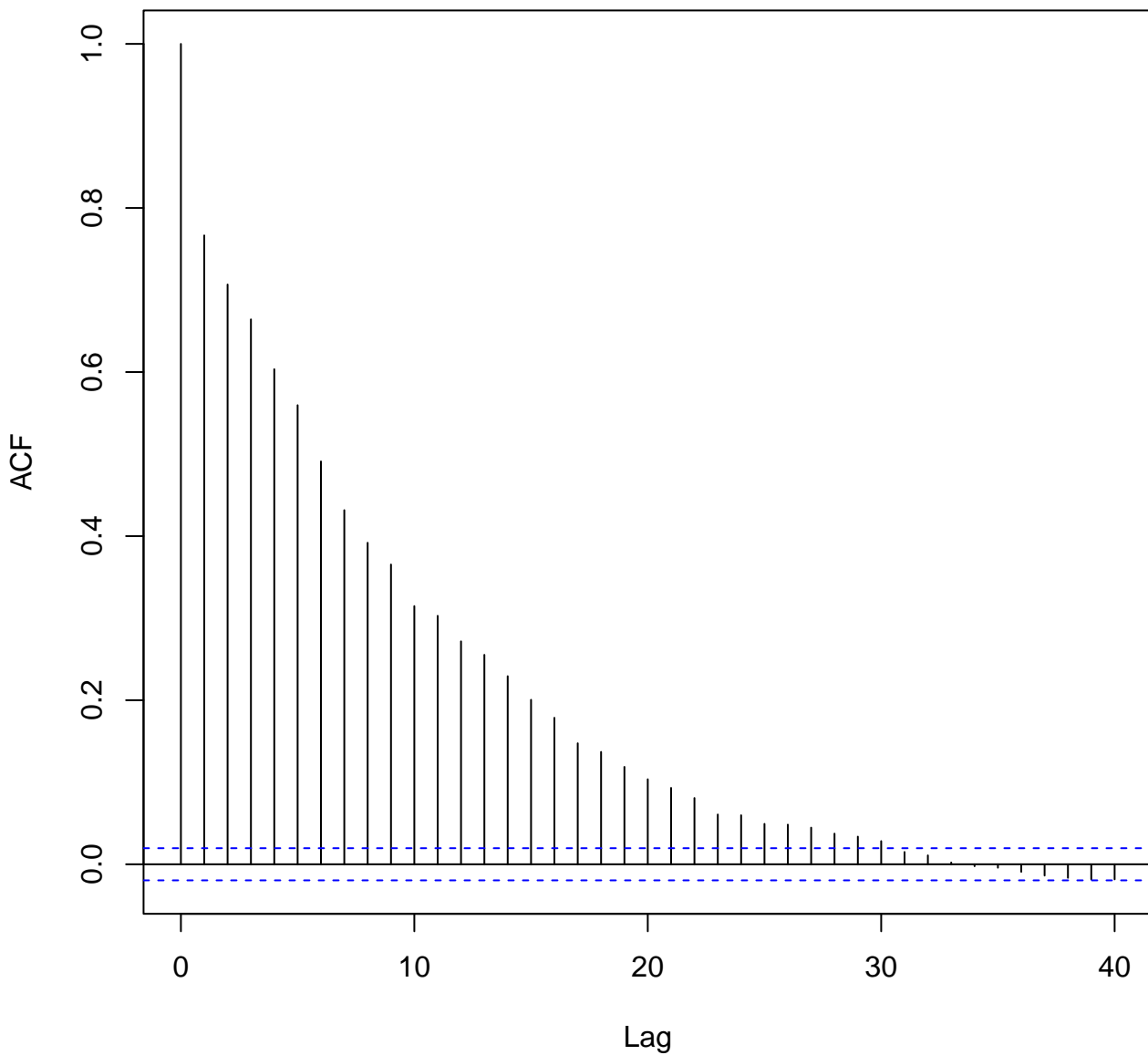
X_39 chain 3



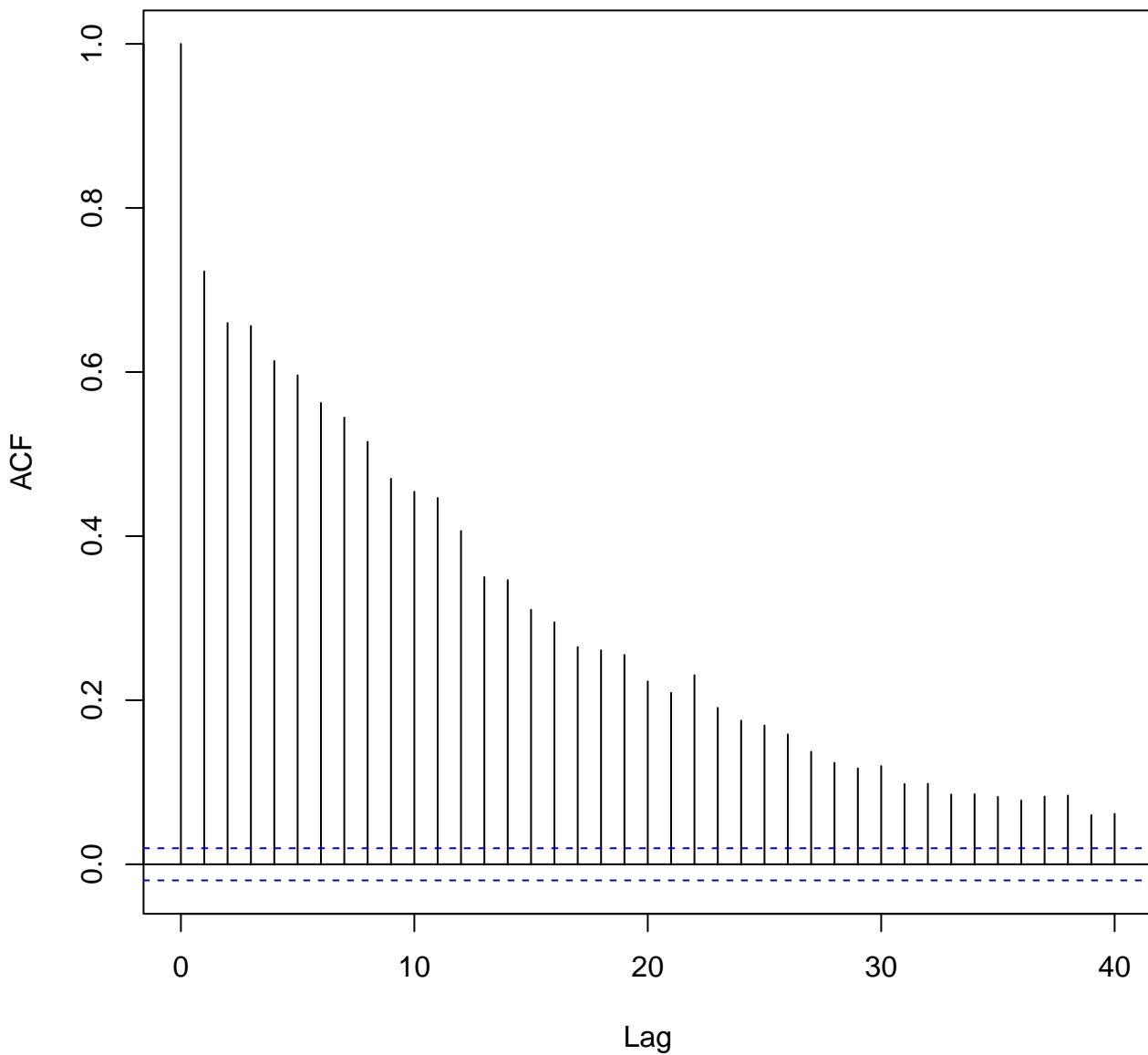
X_39 chain 4



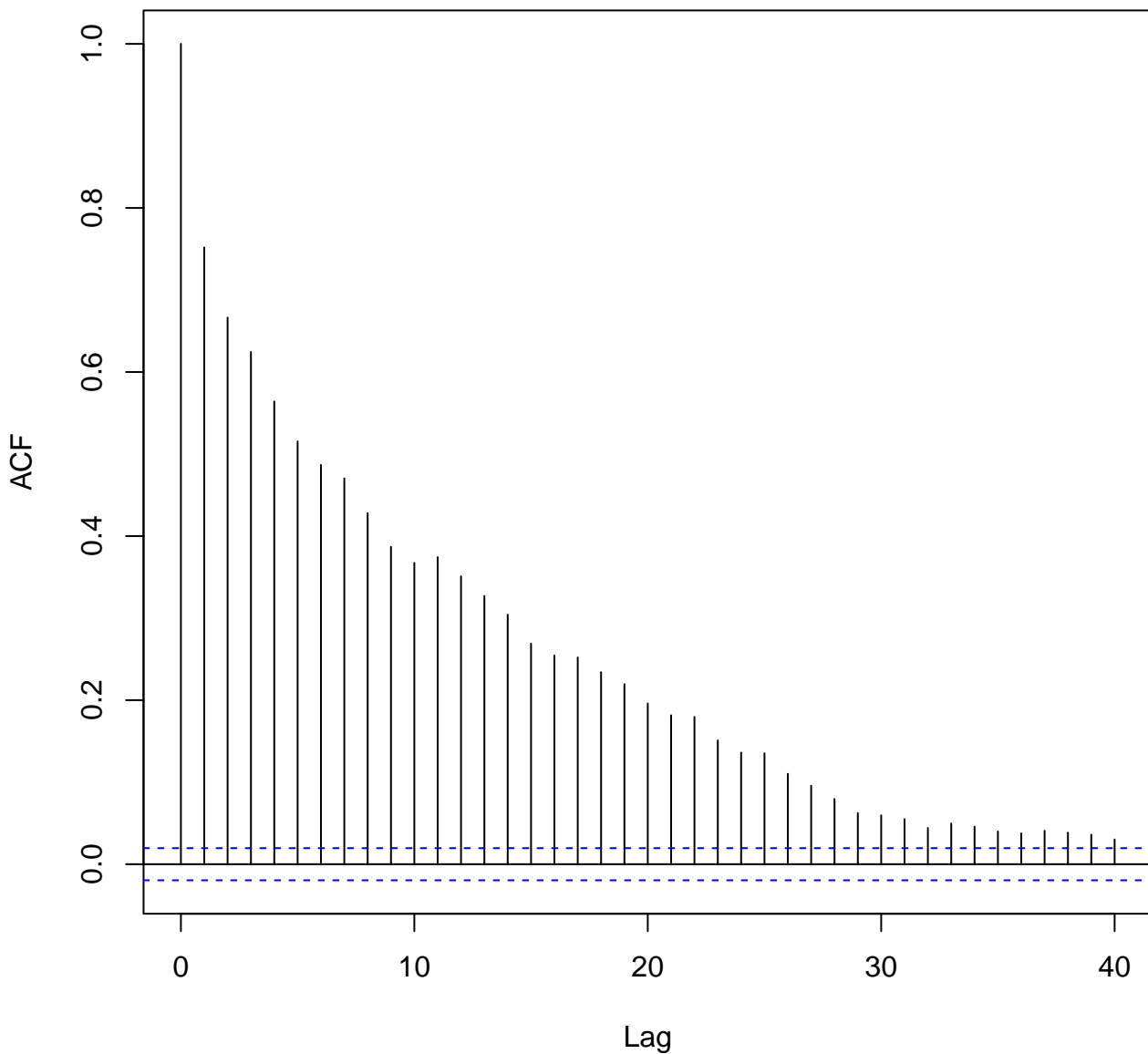
X_39 chain 5



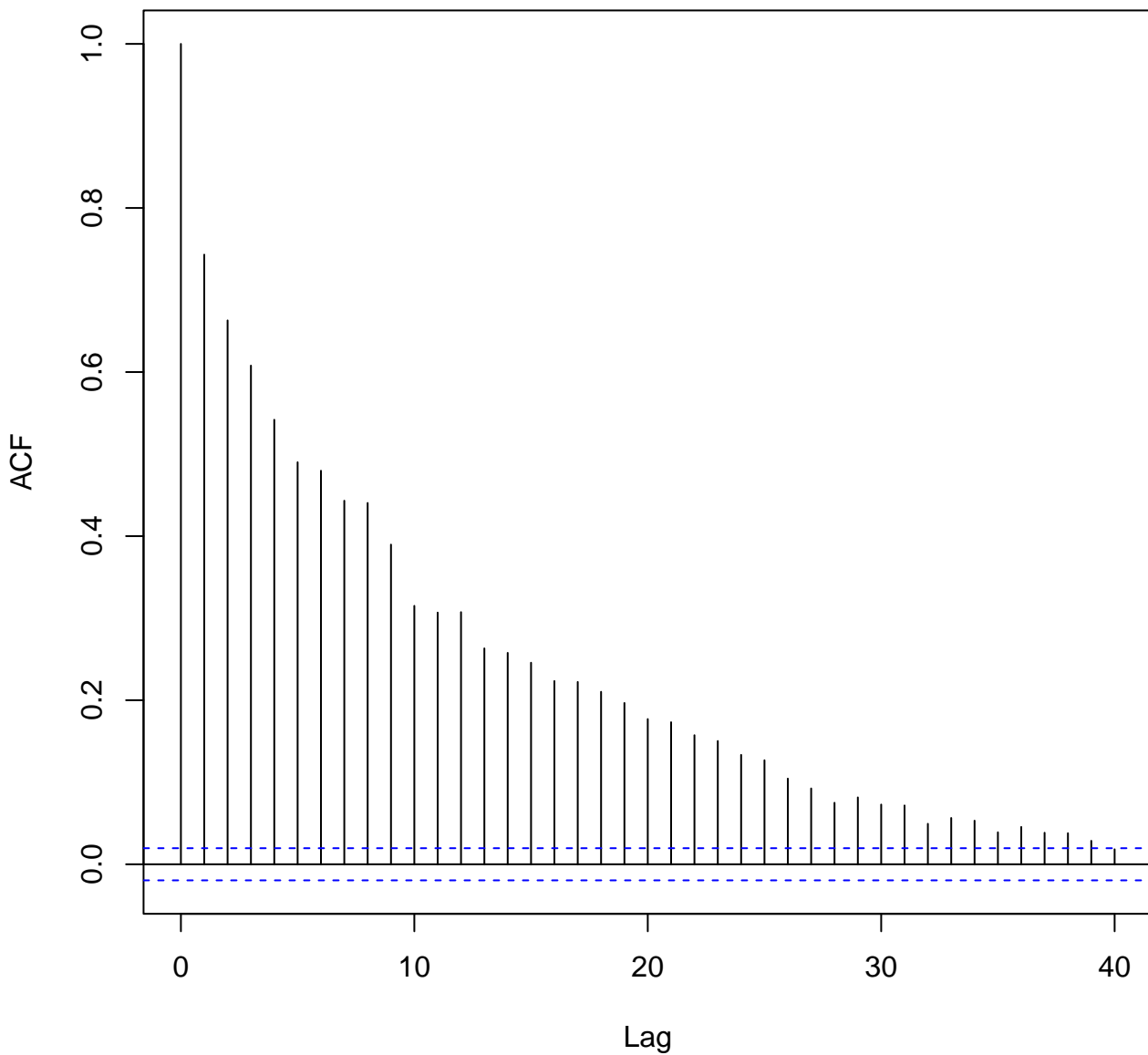
X_39 chain 6



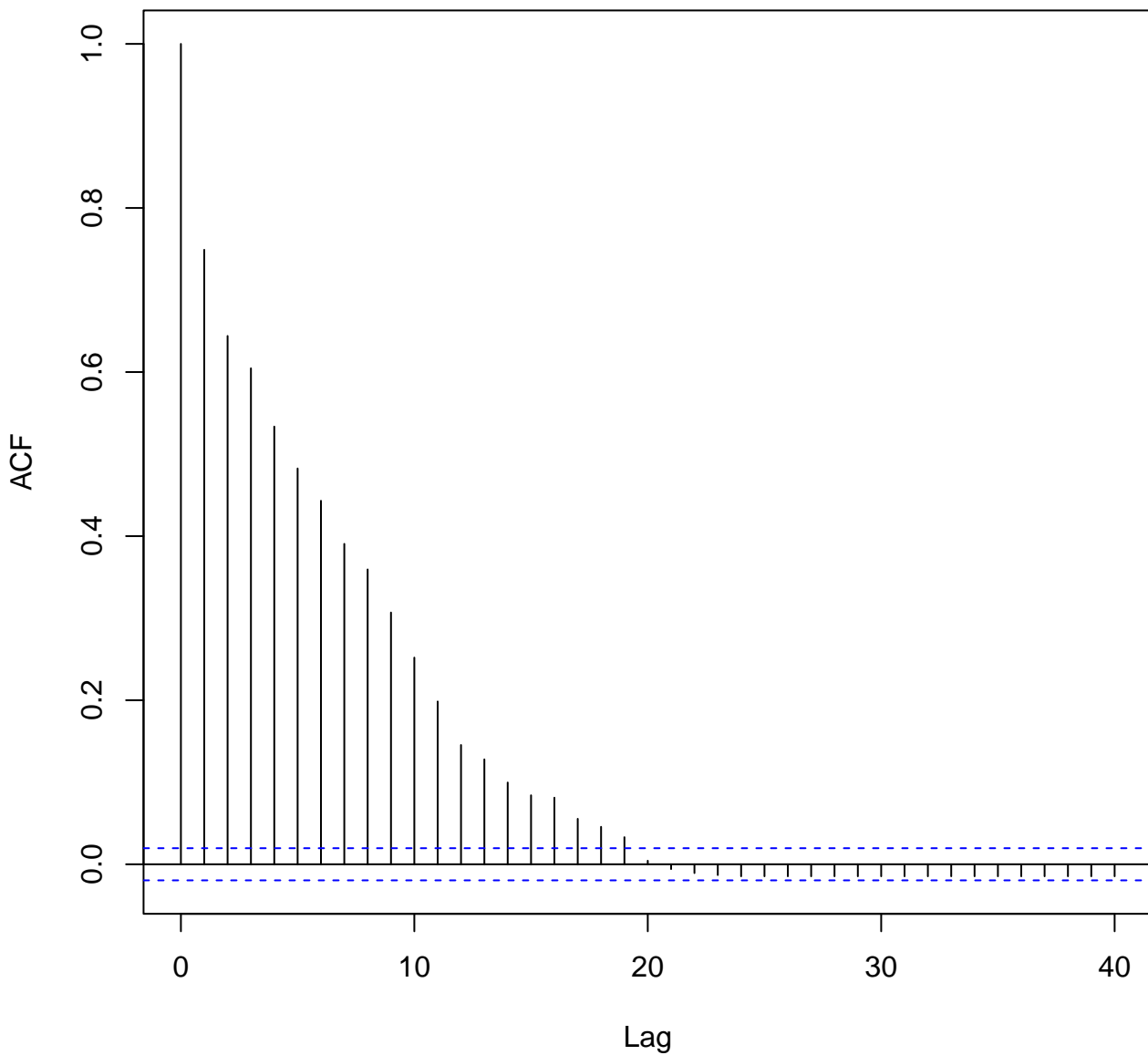
X_40 chain 1



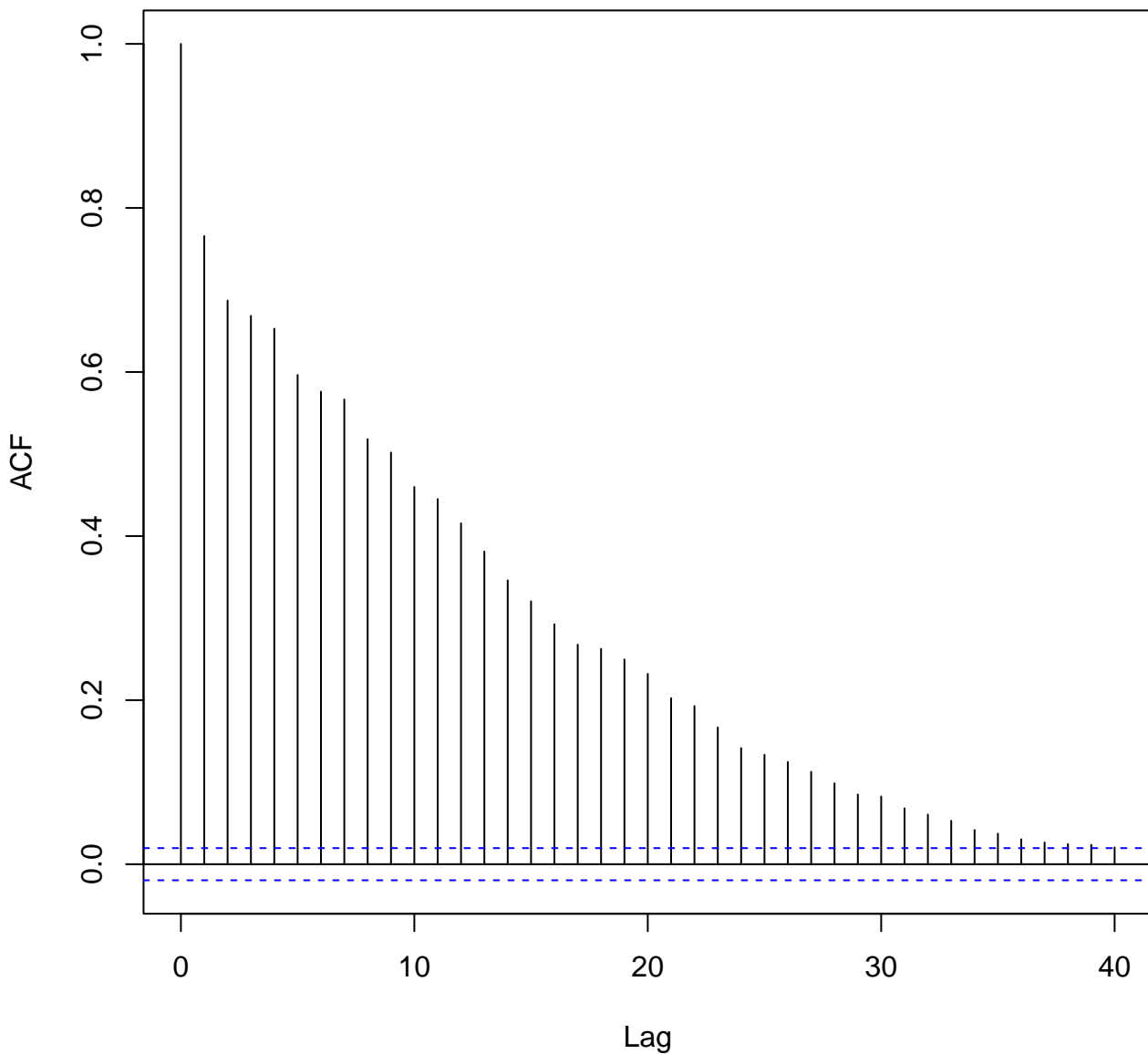
X_40 chain 2



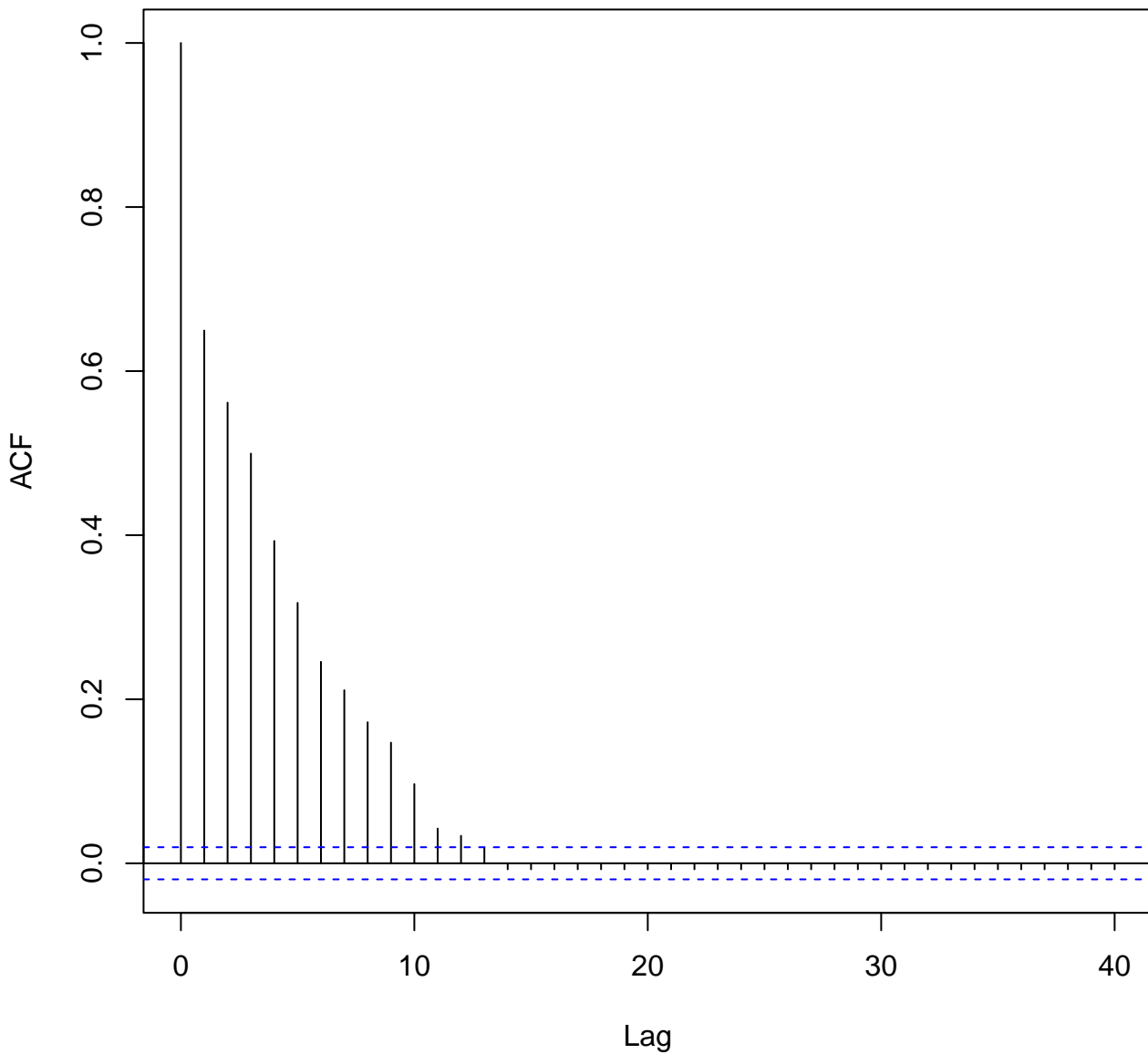
X_40 chain 3



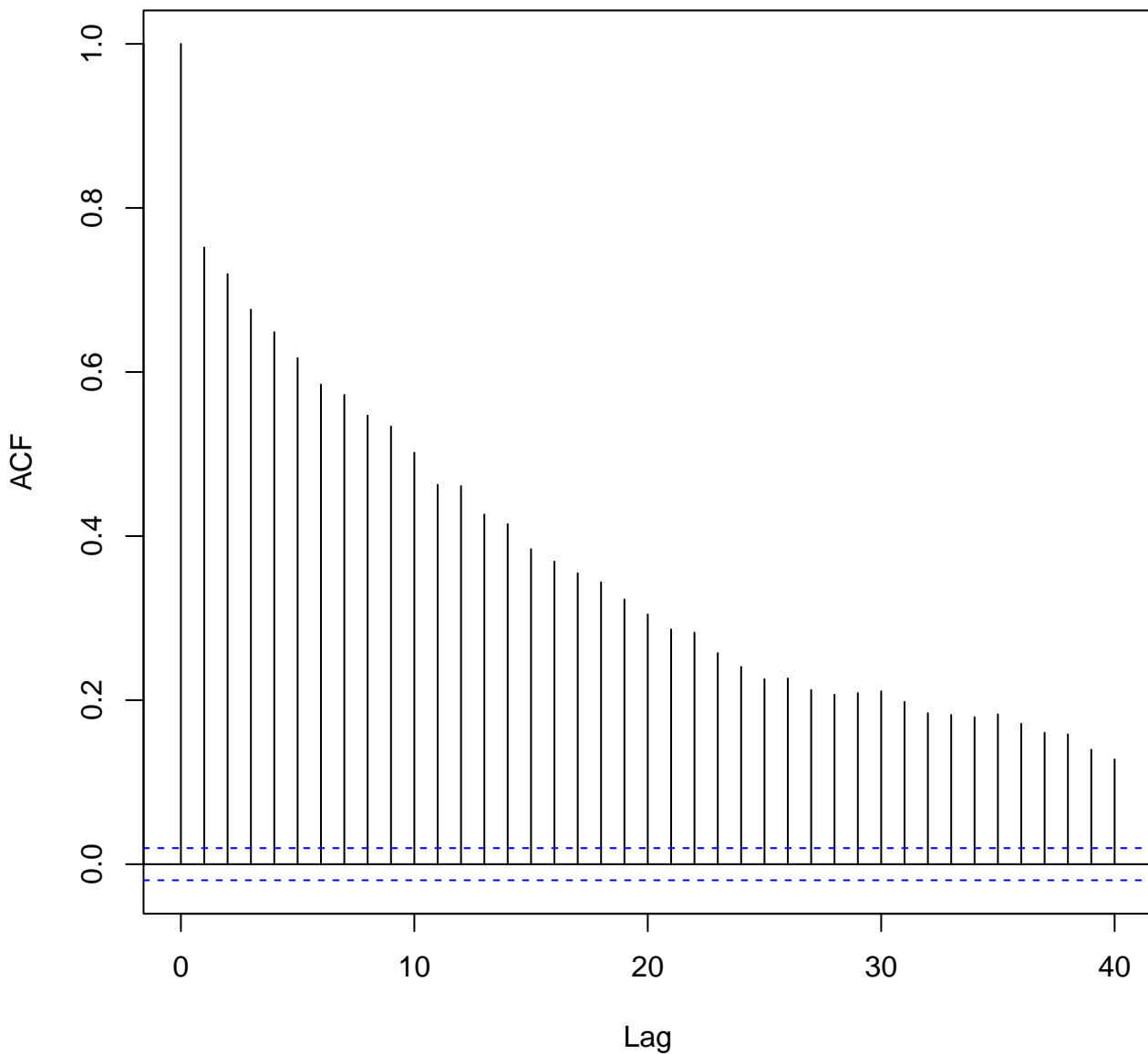
X_40 chain 4



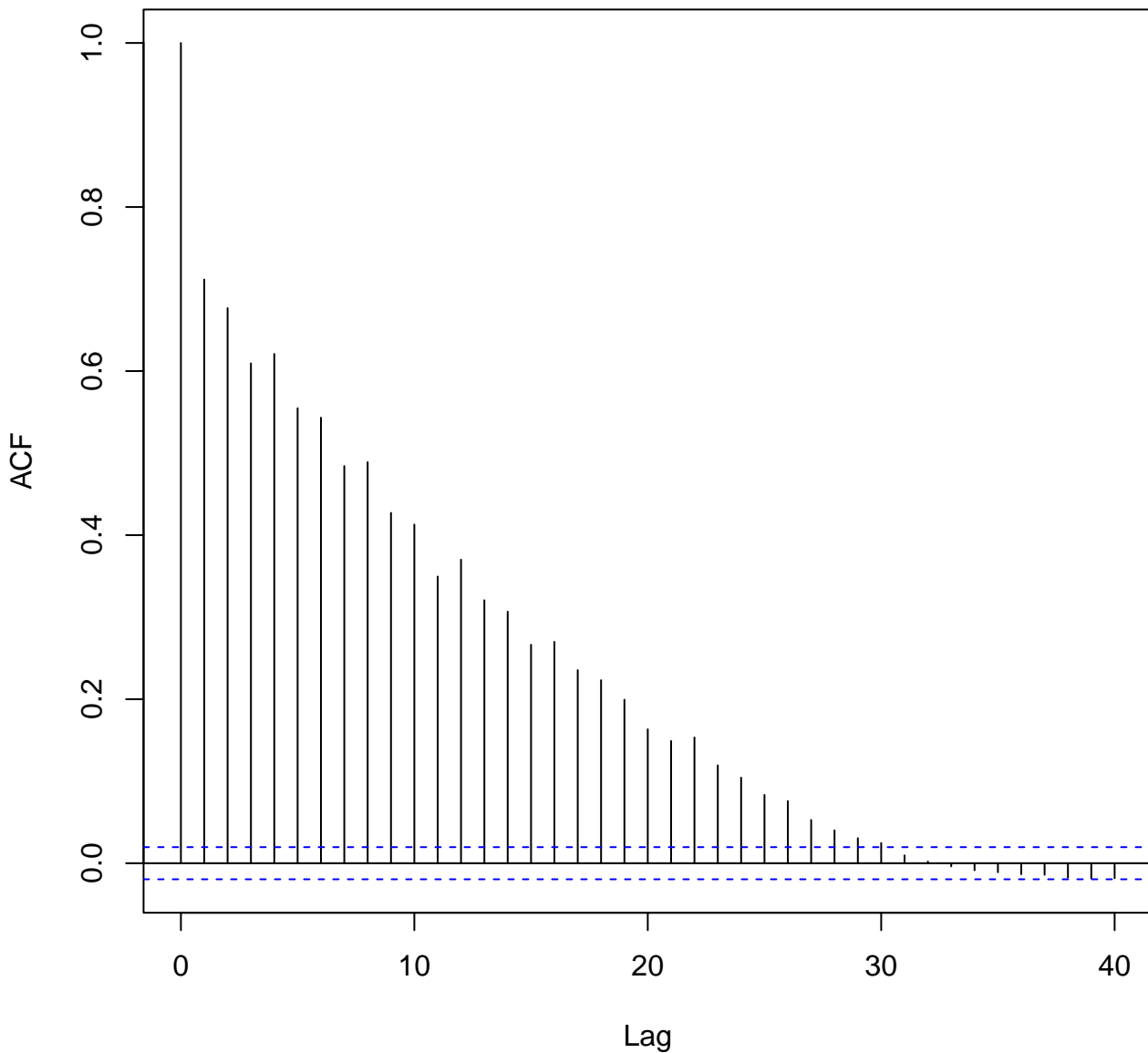
X_40 chain 5



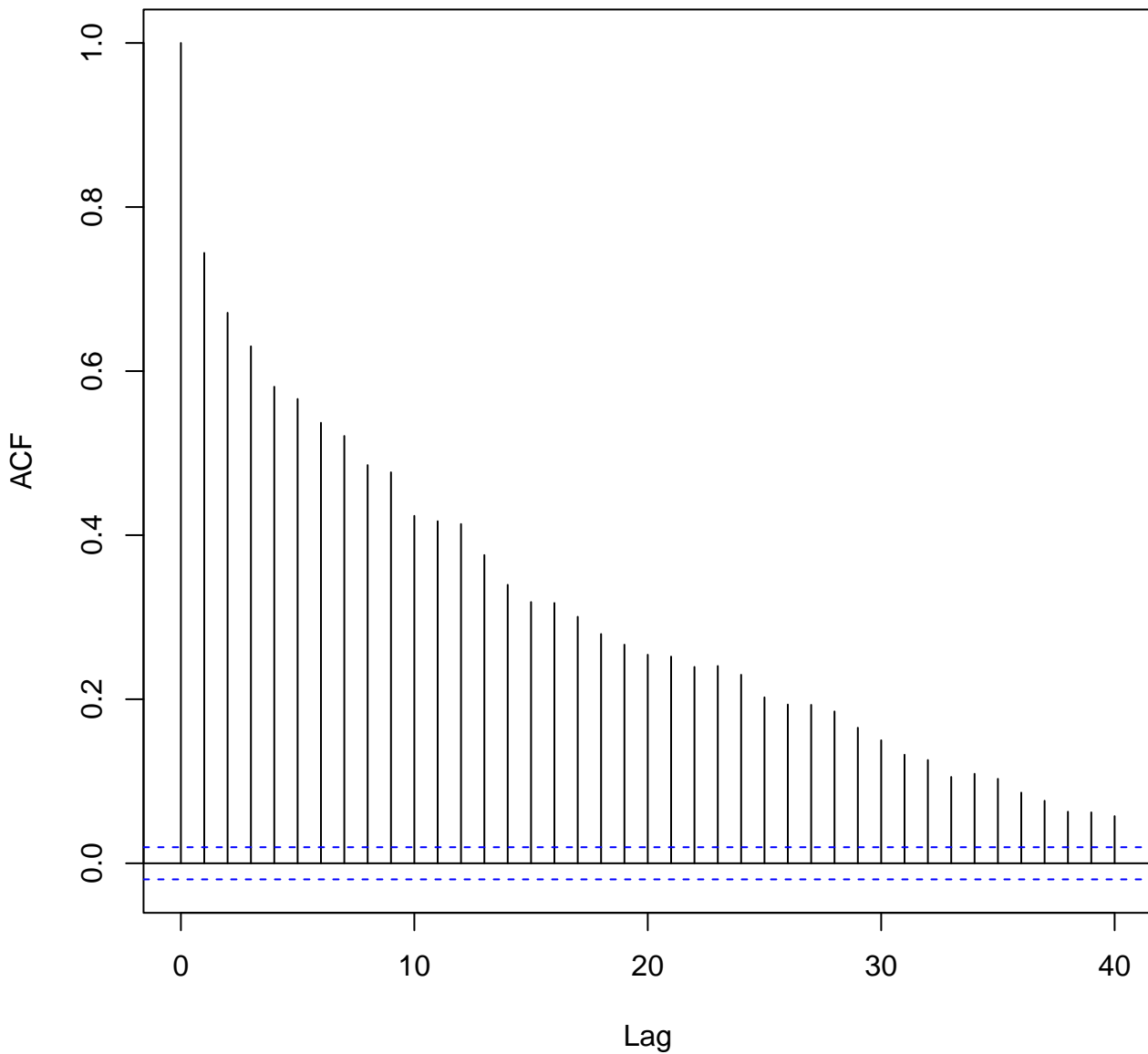
X_40 chain 6



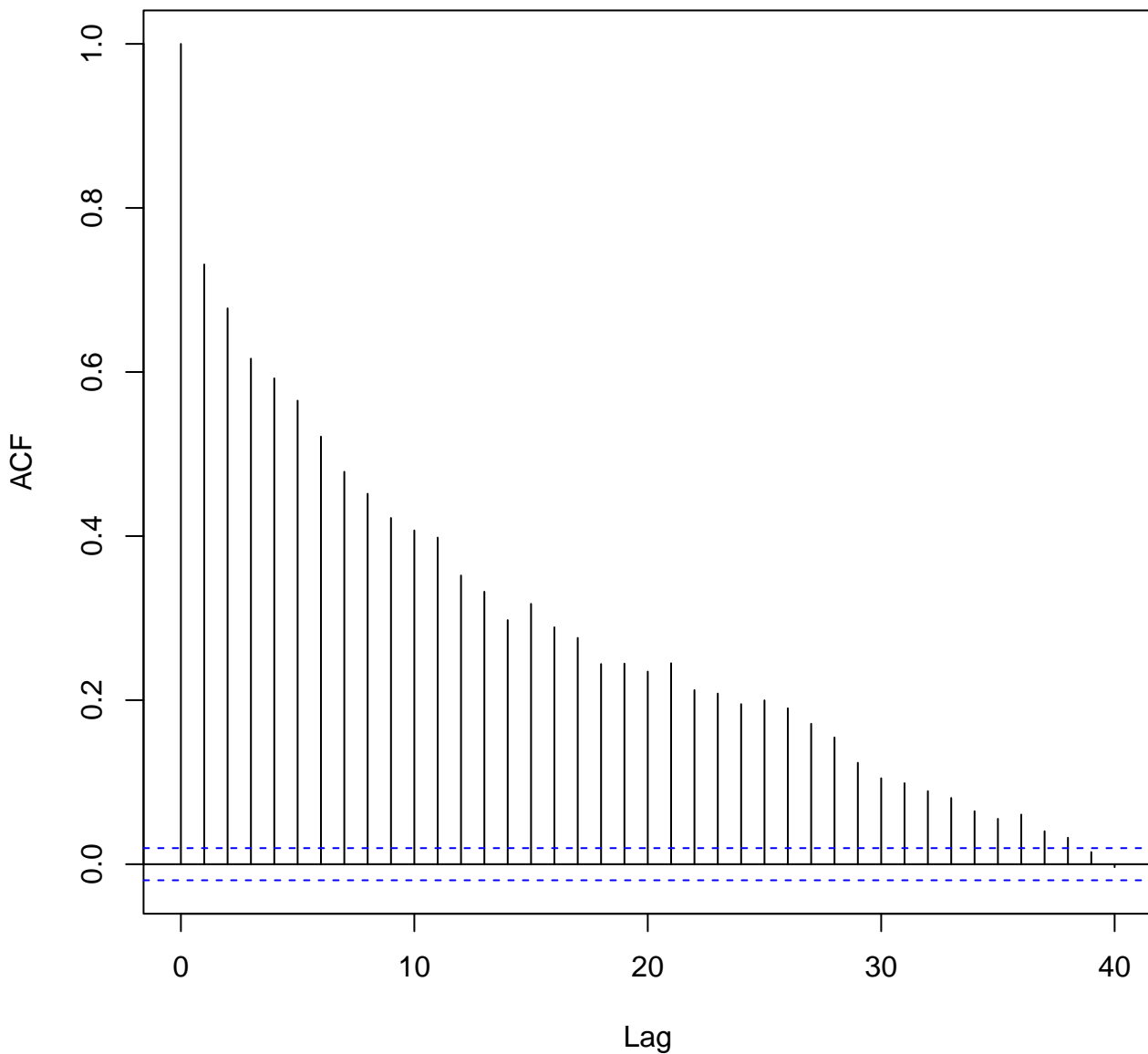
X_41 chain 1



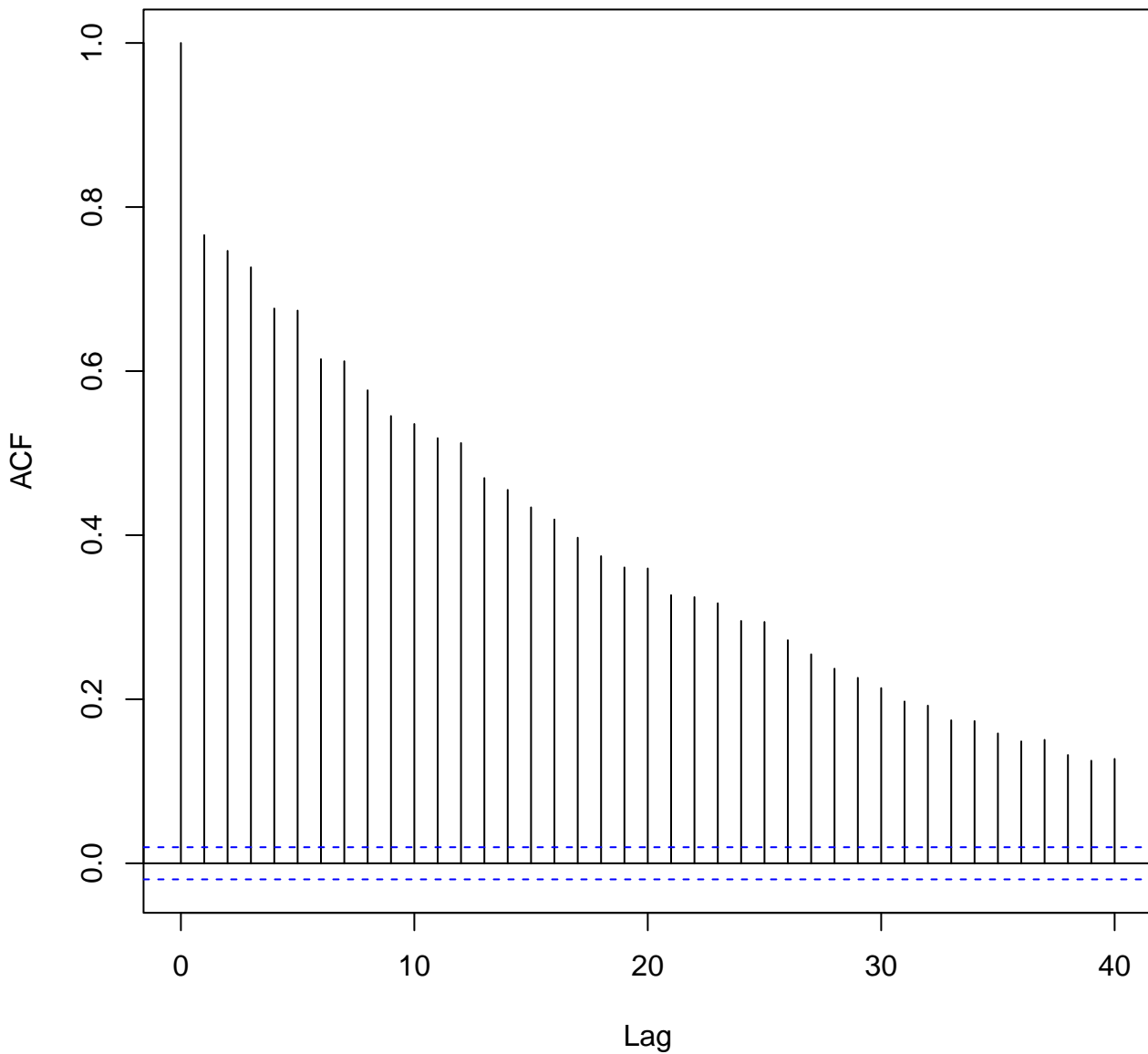
X_41 chain 2



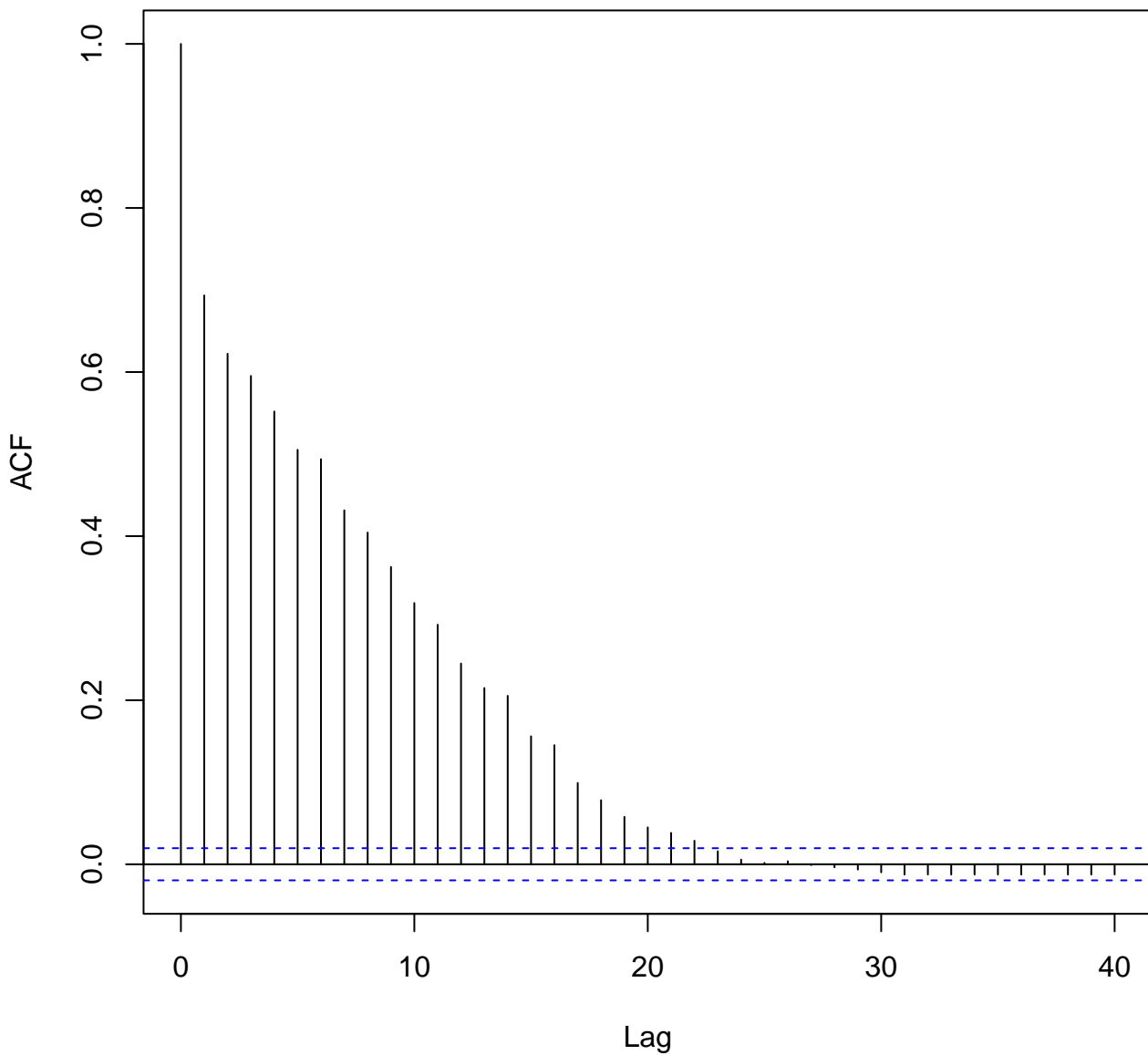
X_41 chain 3



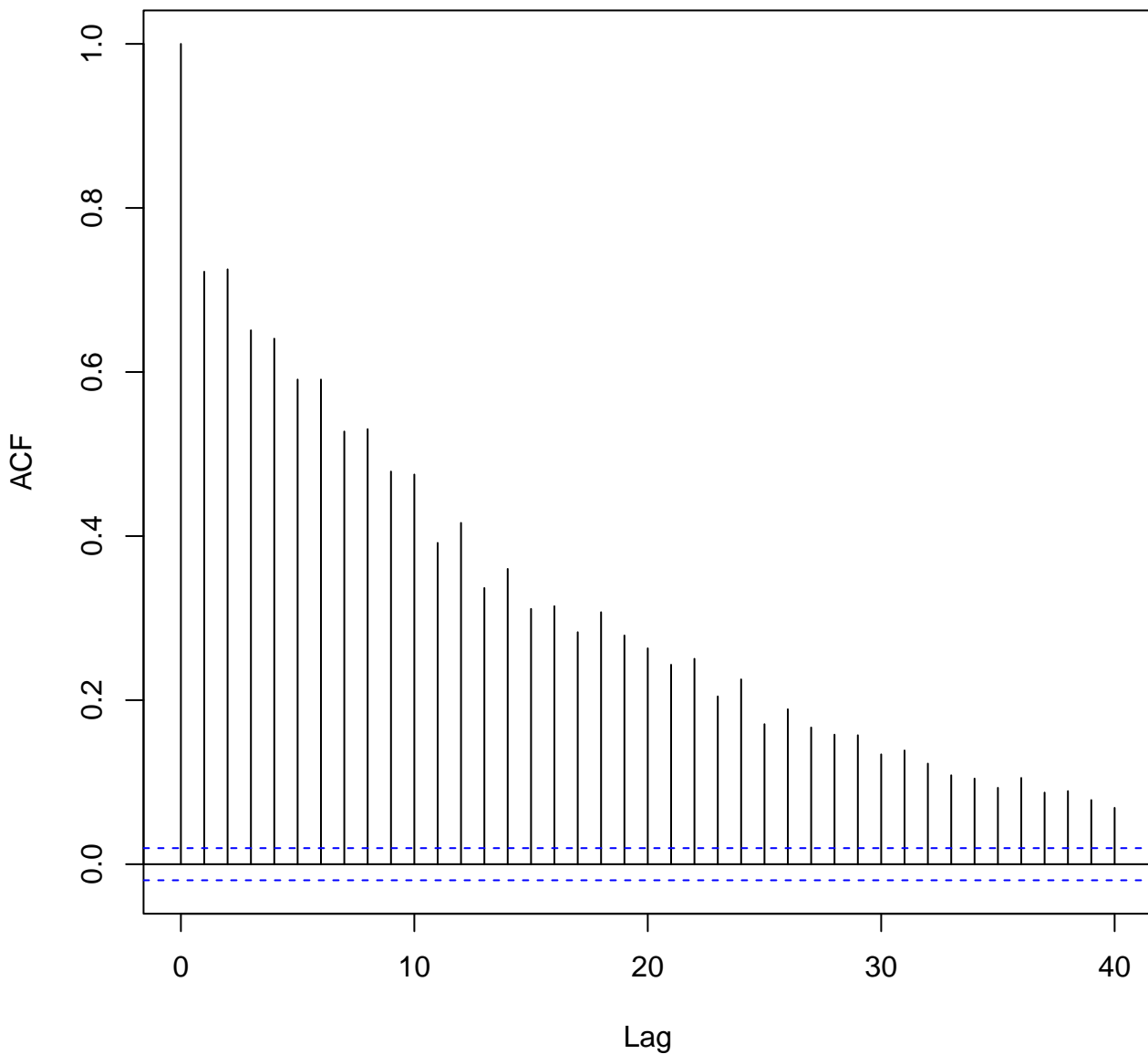
X_41 chain 4



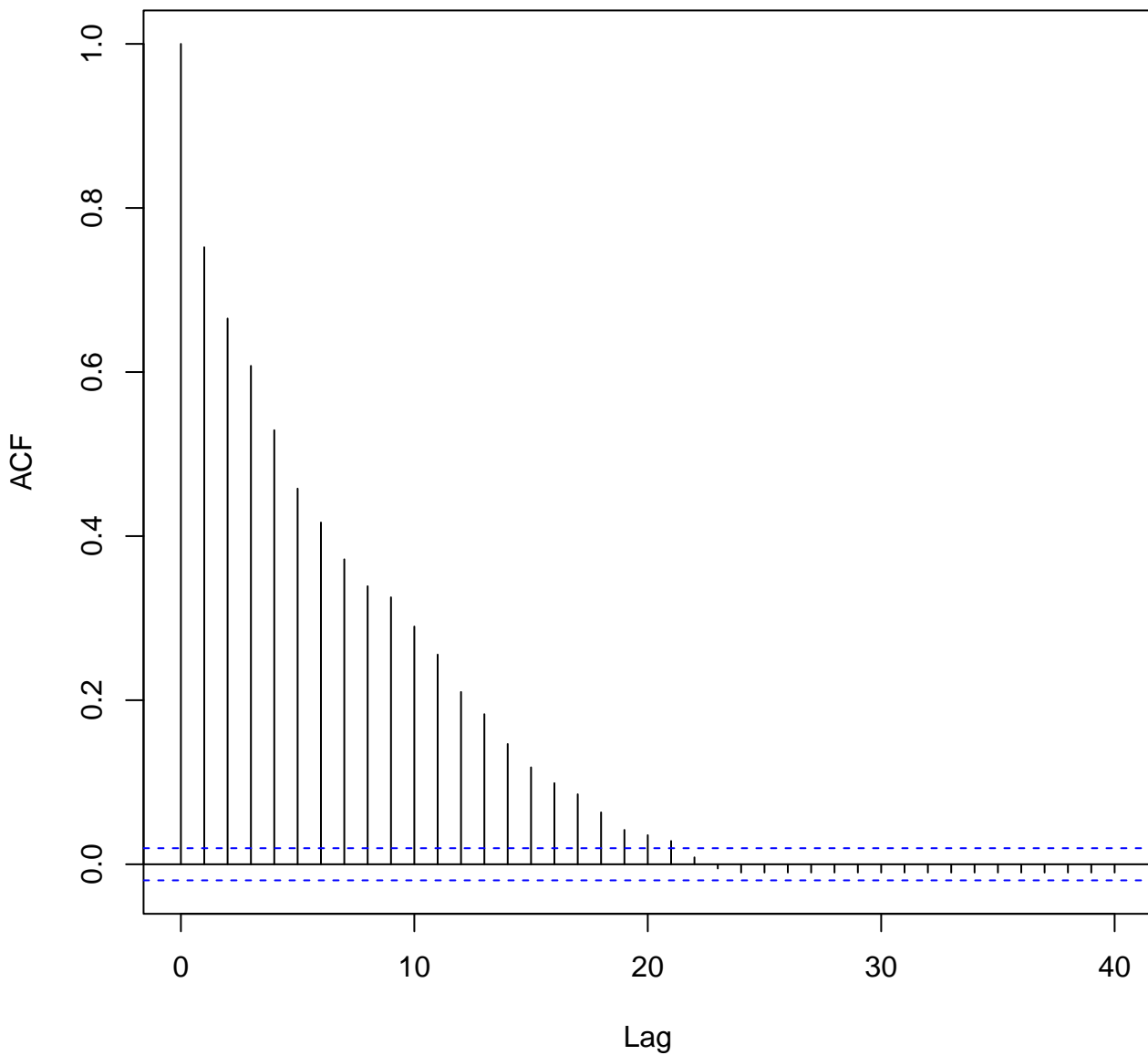
X_41 chain 5



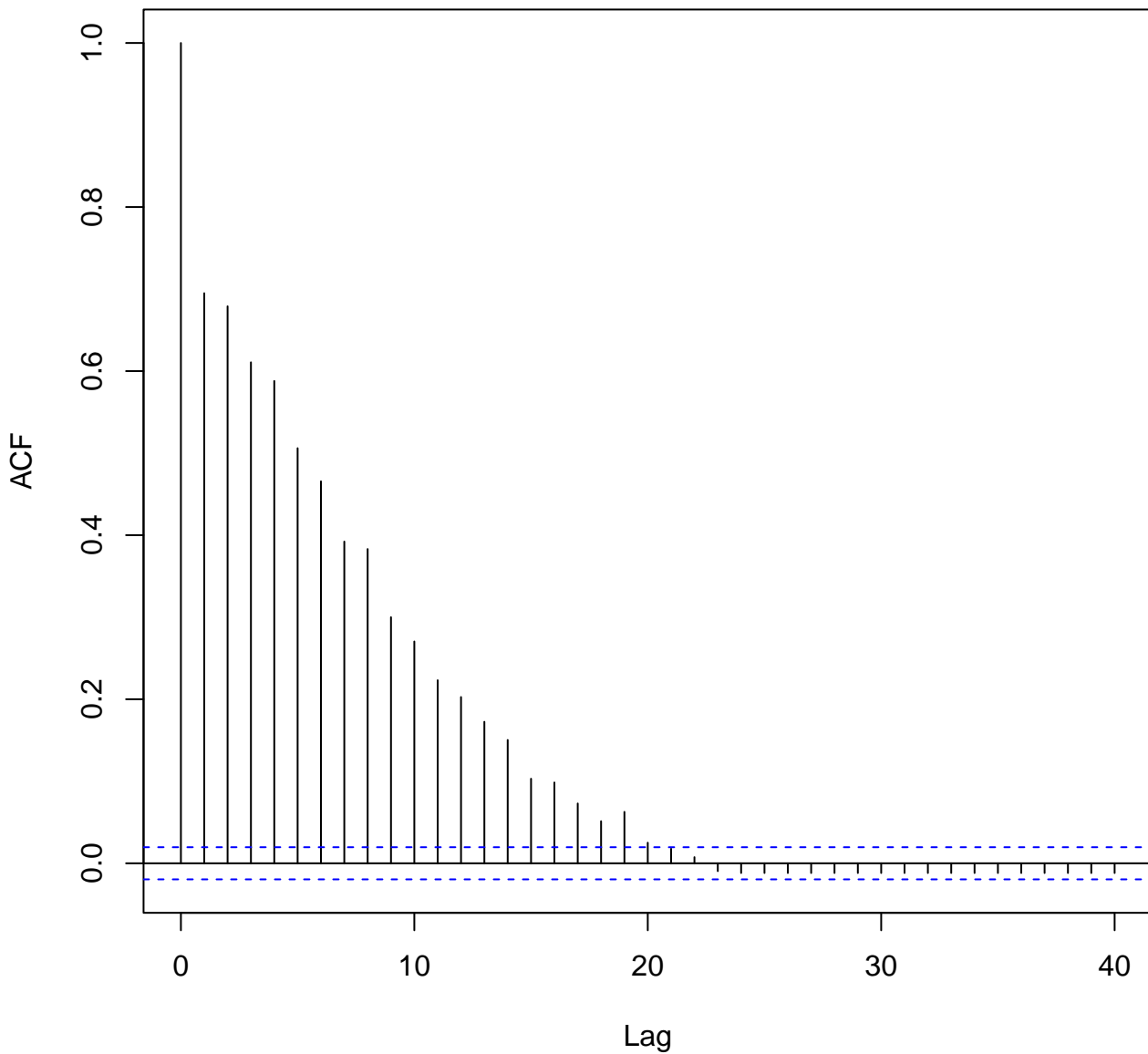
X_41 chain 6



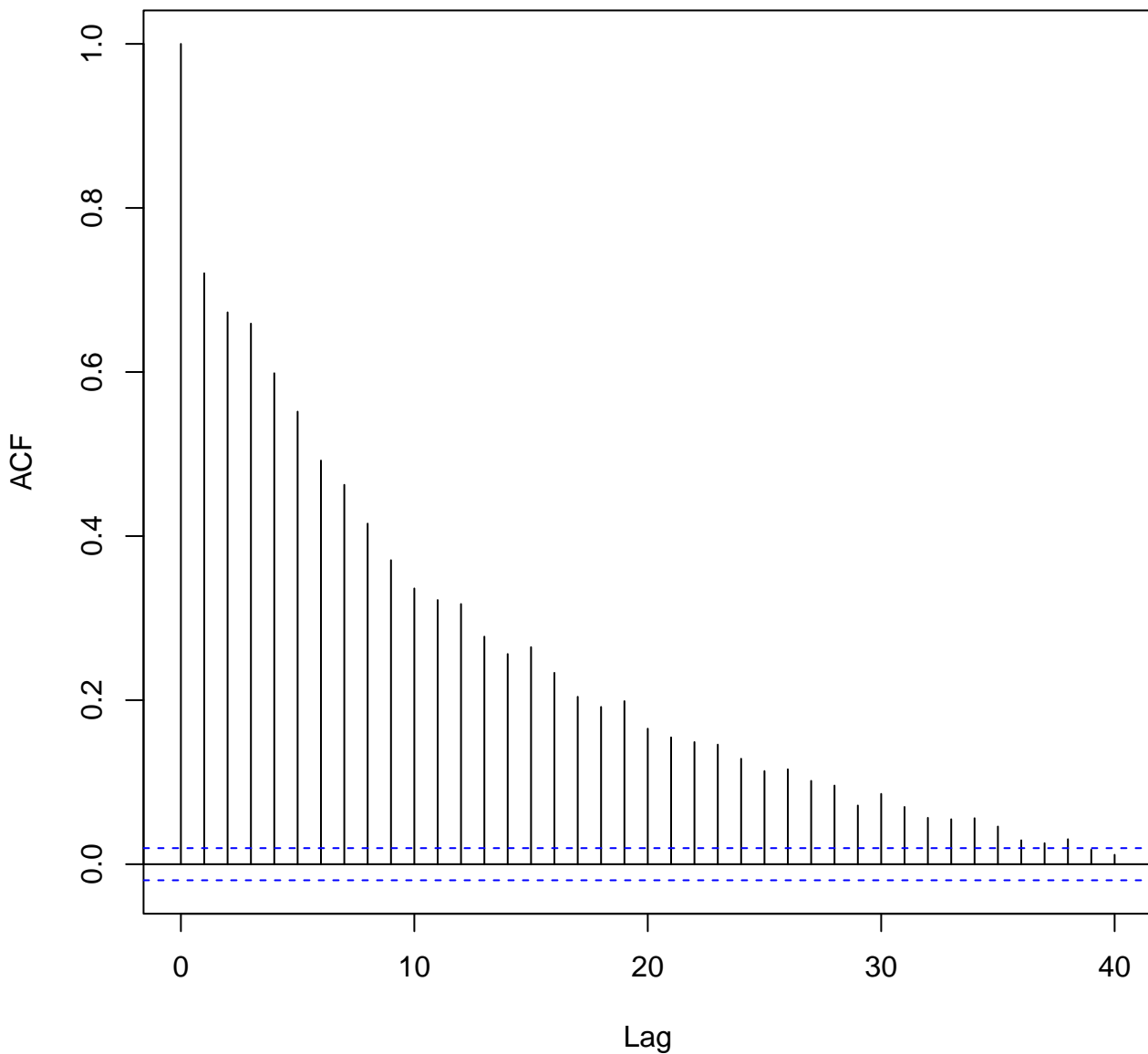
X_42 chain 1



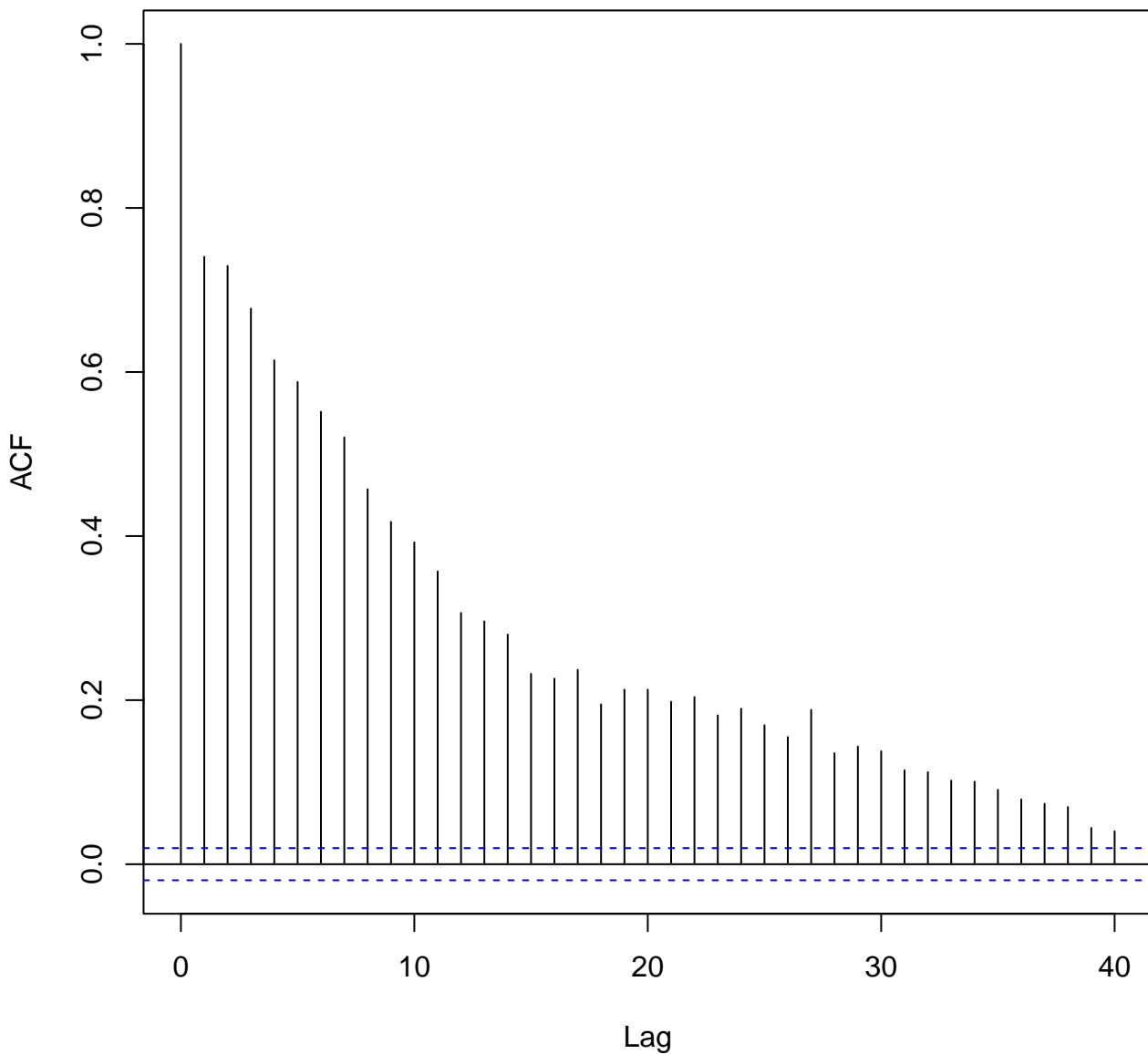
X_42 chain 2



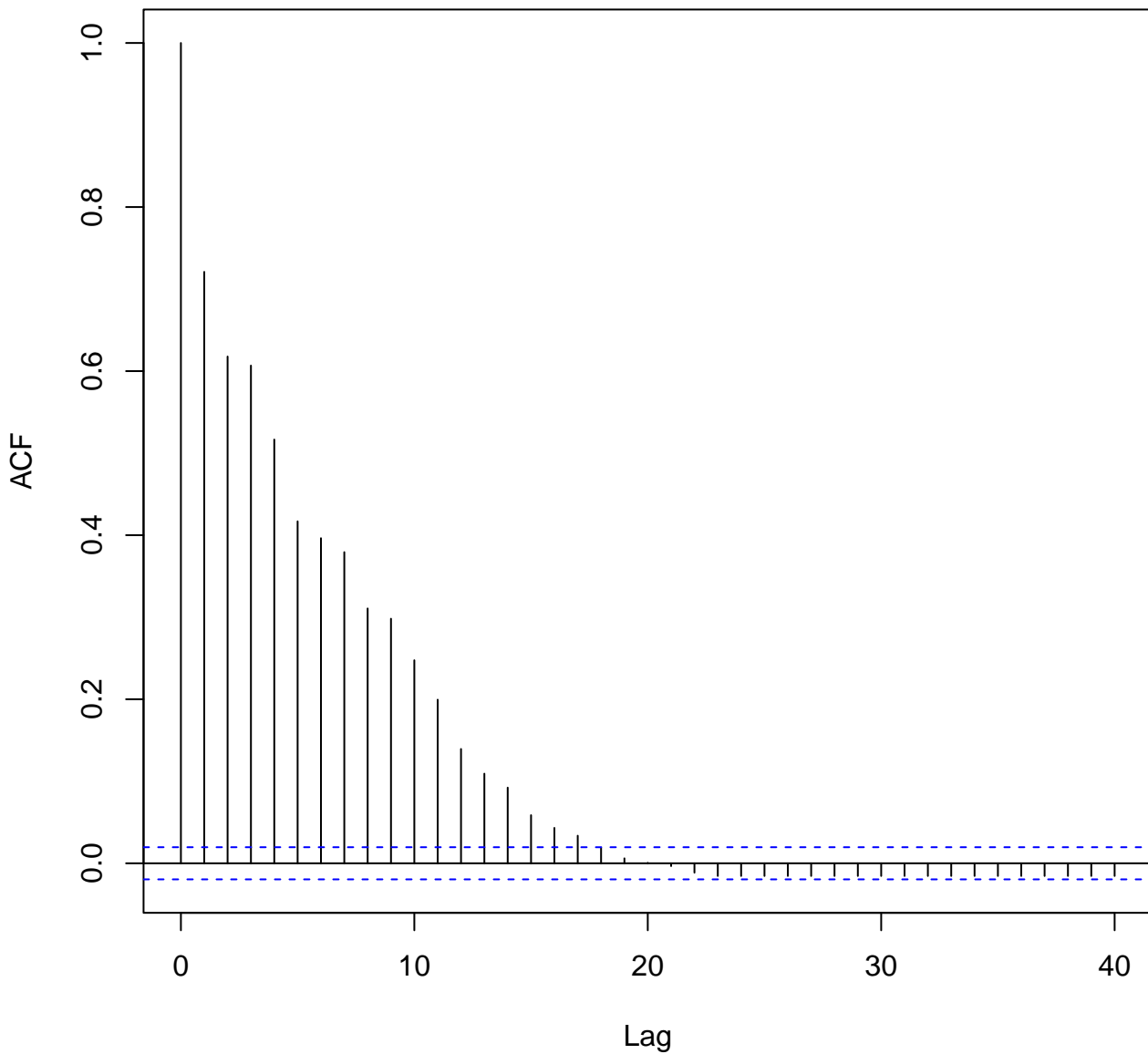
X_42 chain 3



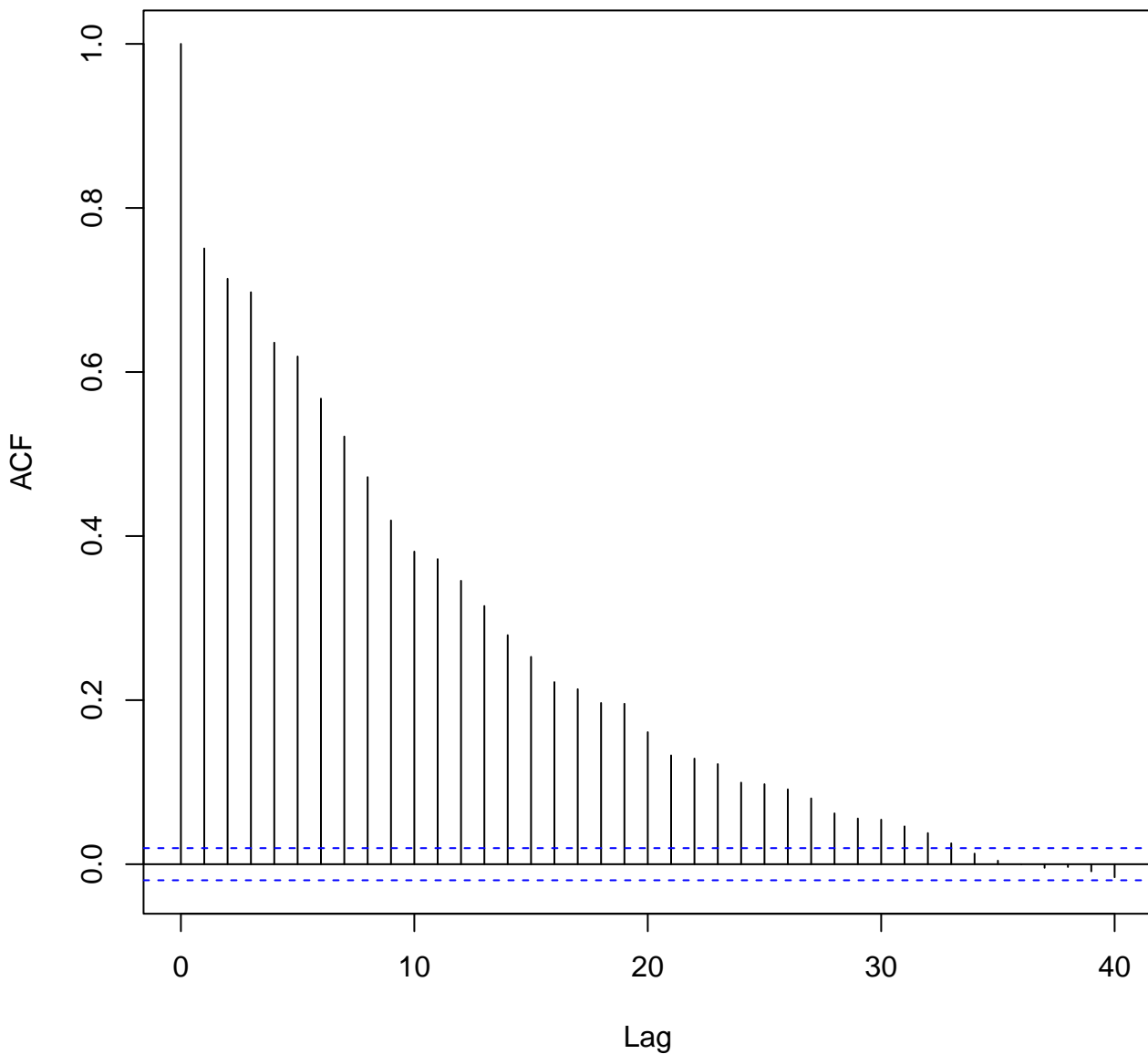
X_42 chain 4



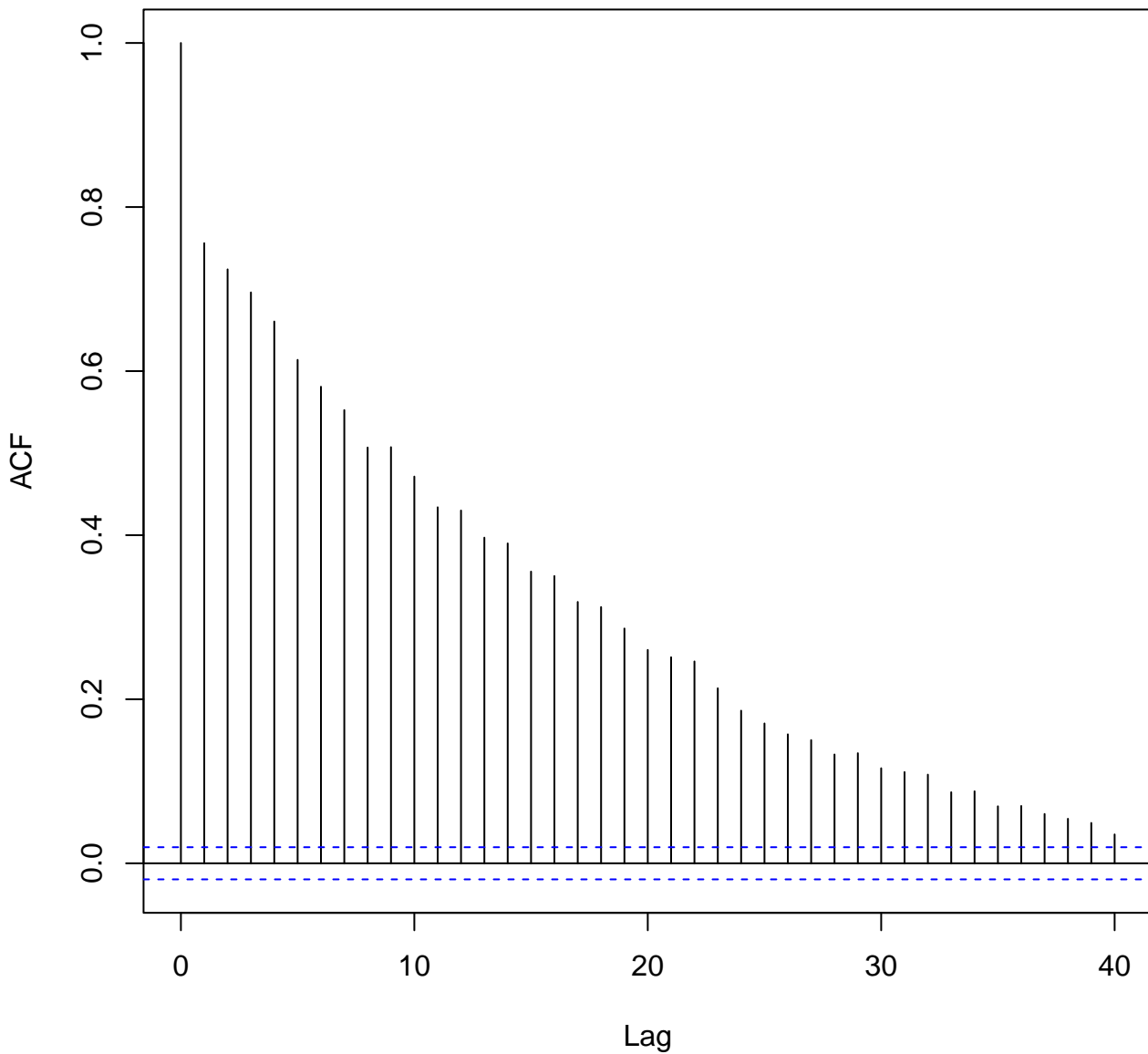
X_42 chain 5



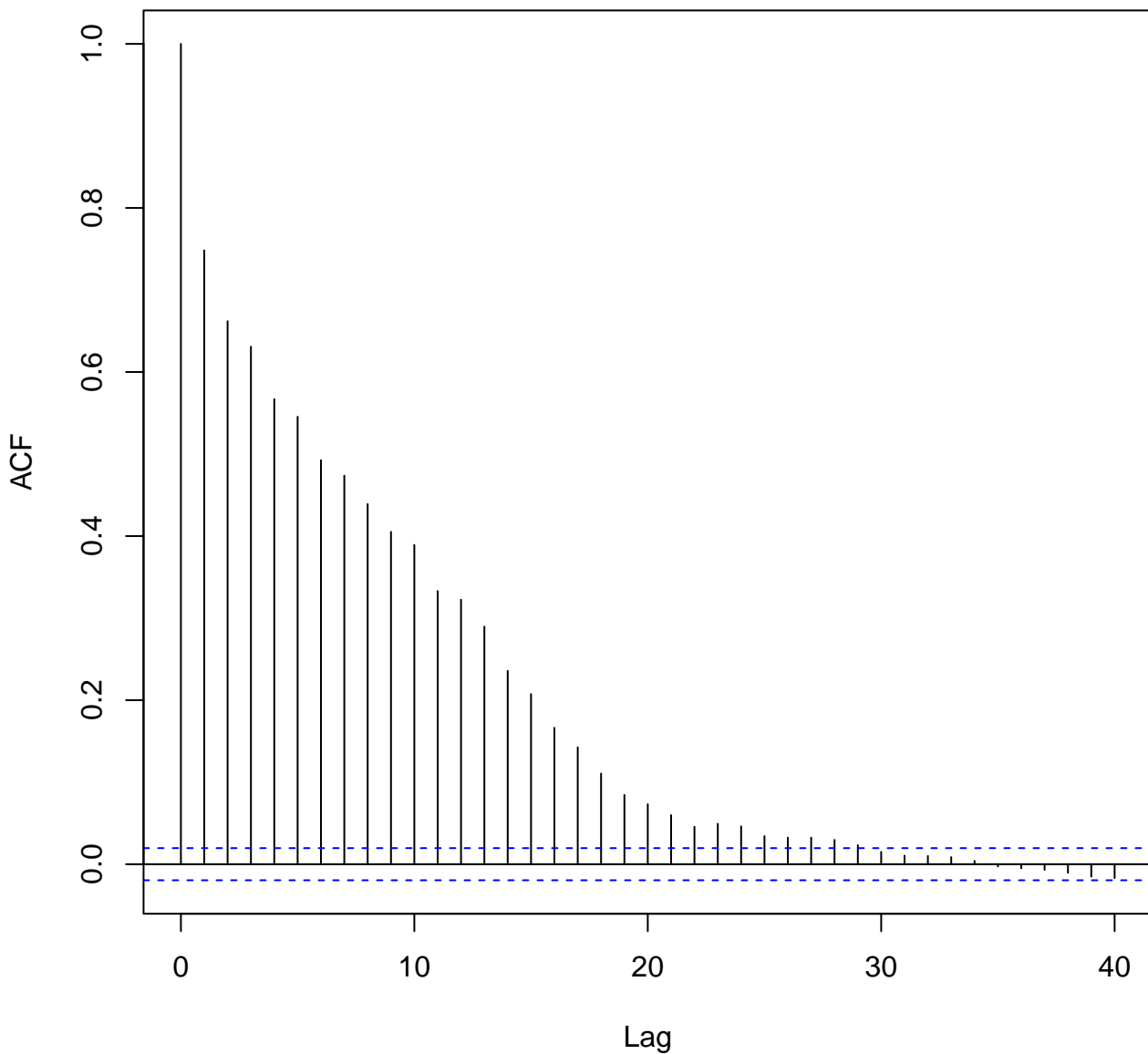
X_42 chain 6



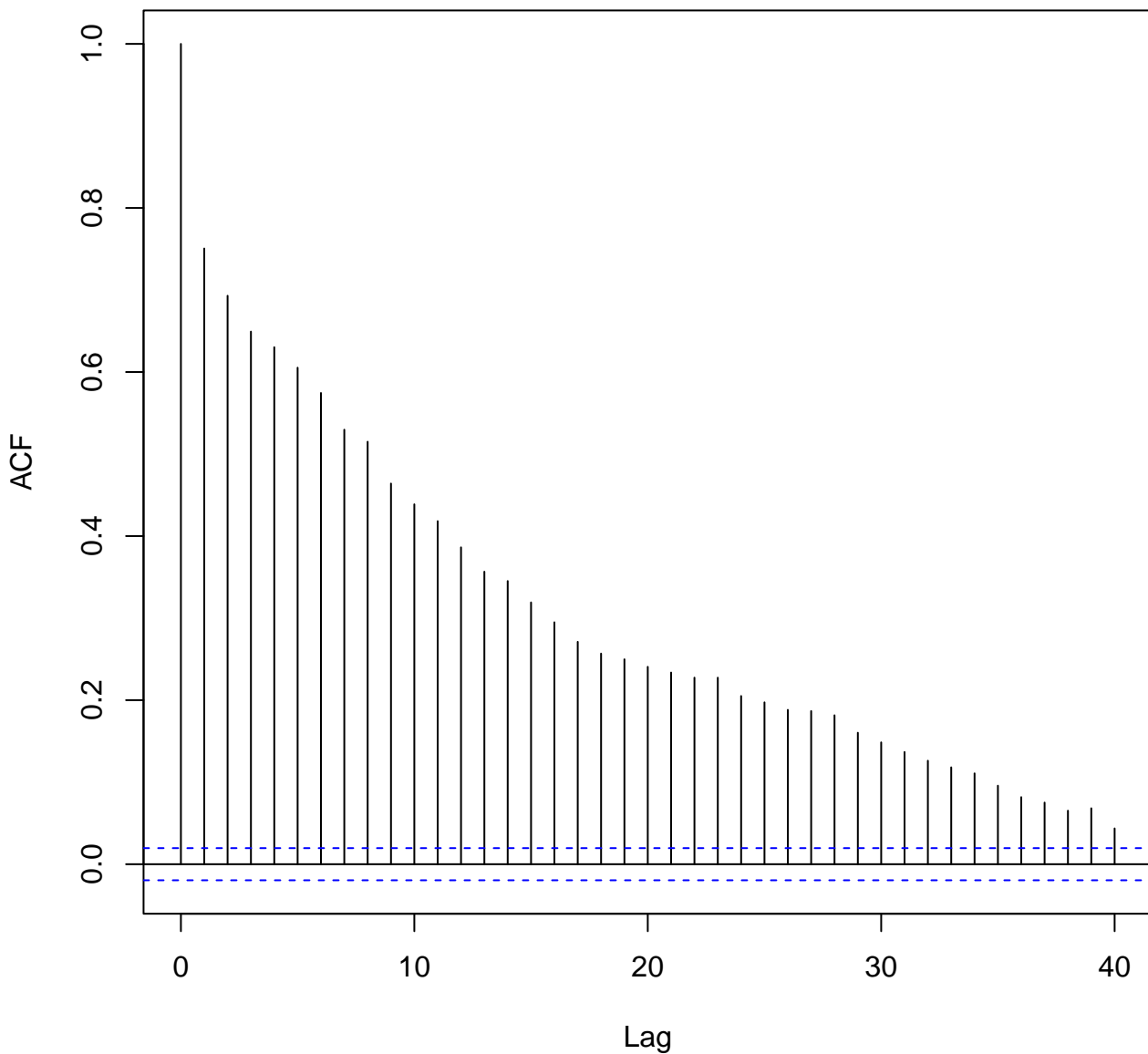
X_43 chain 1



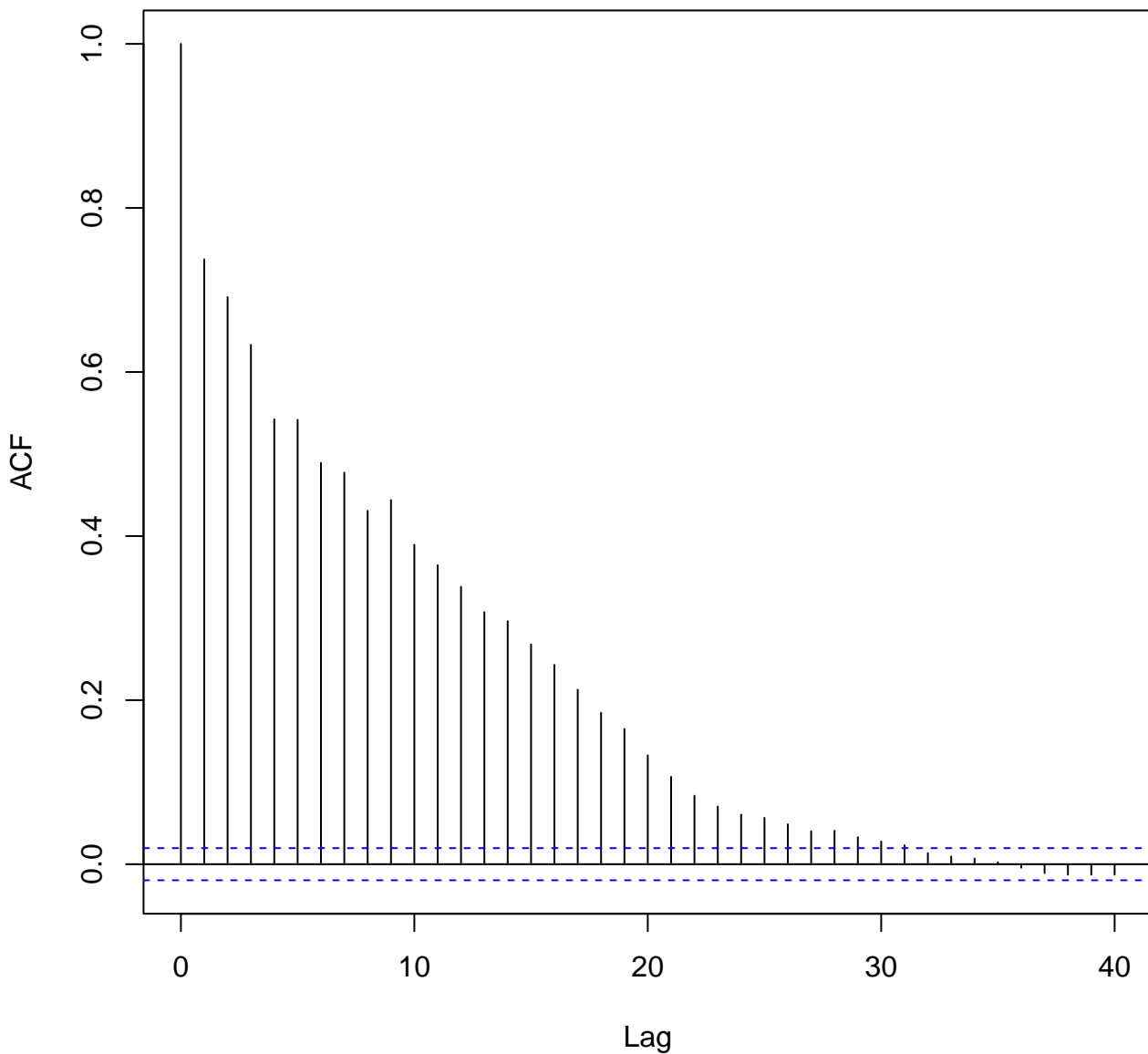
X_43 chain 2



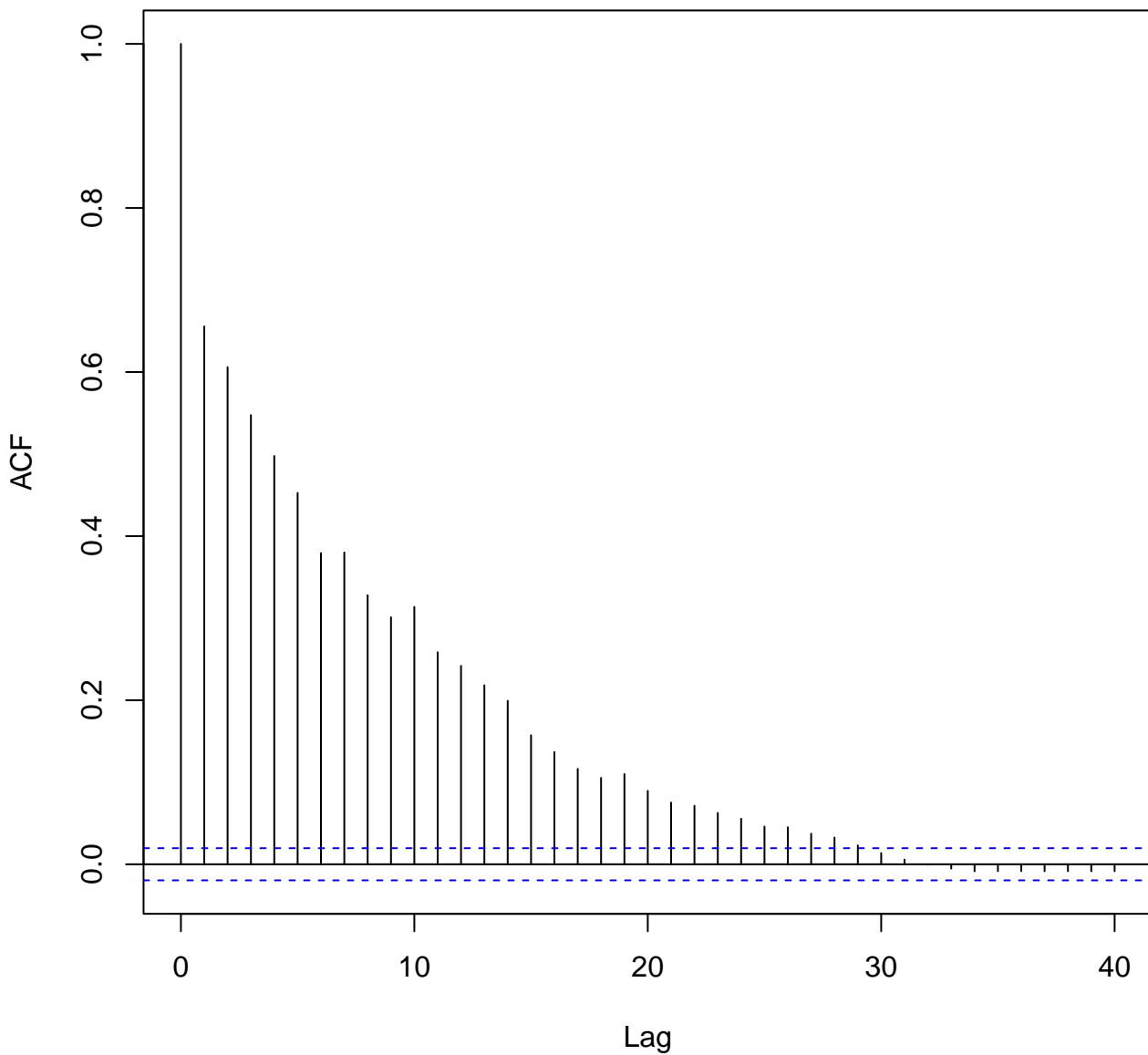
X_43 chain 3



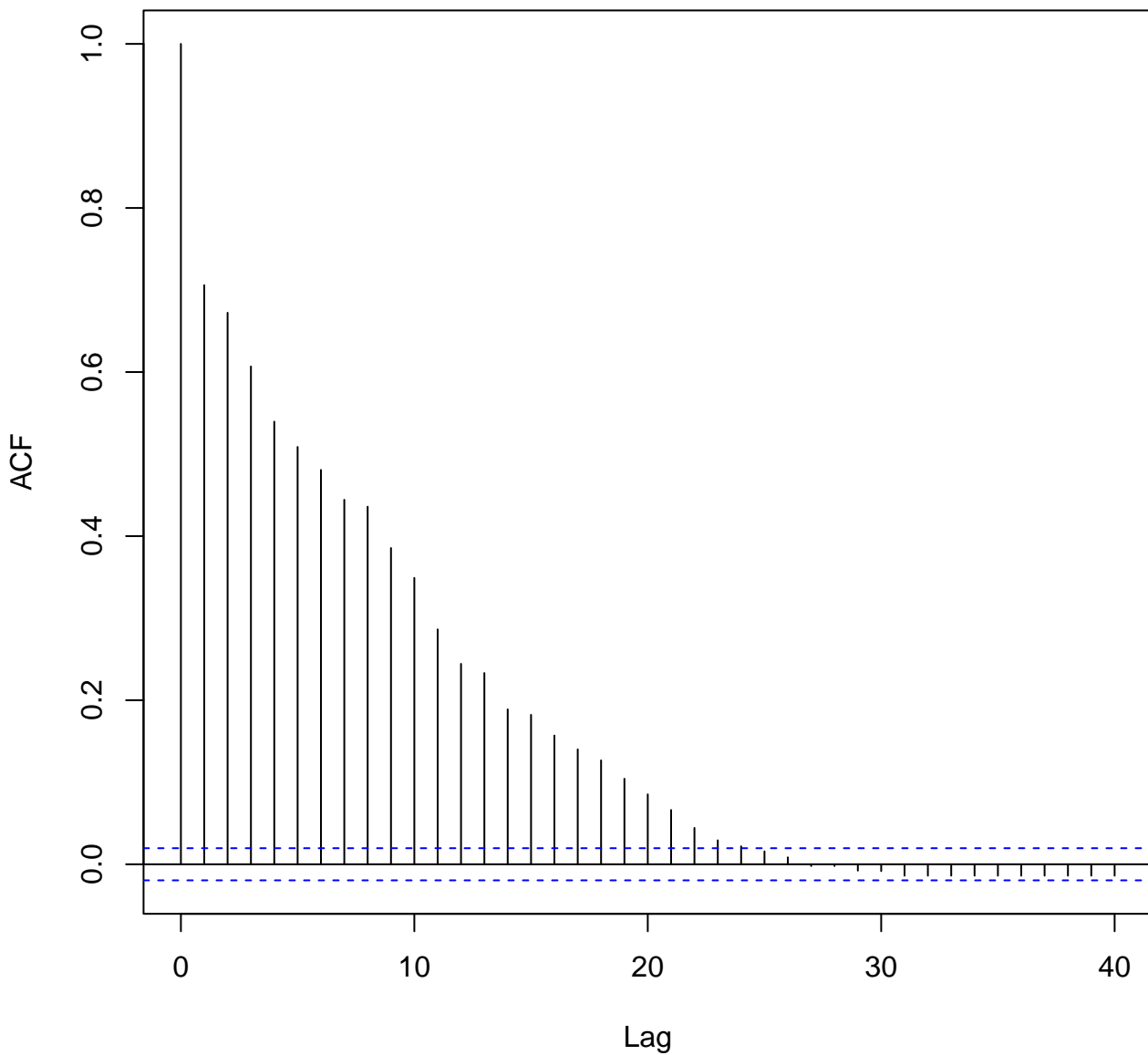
X_43 chain 4



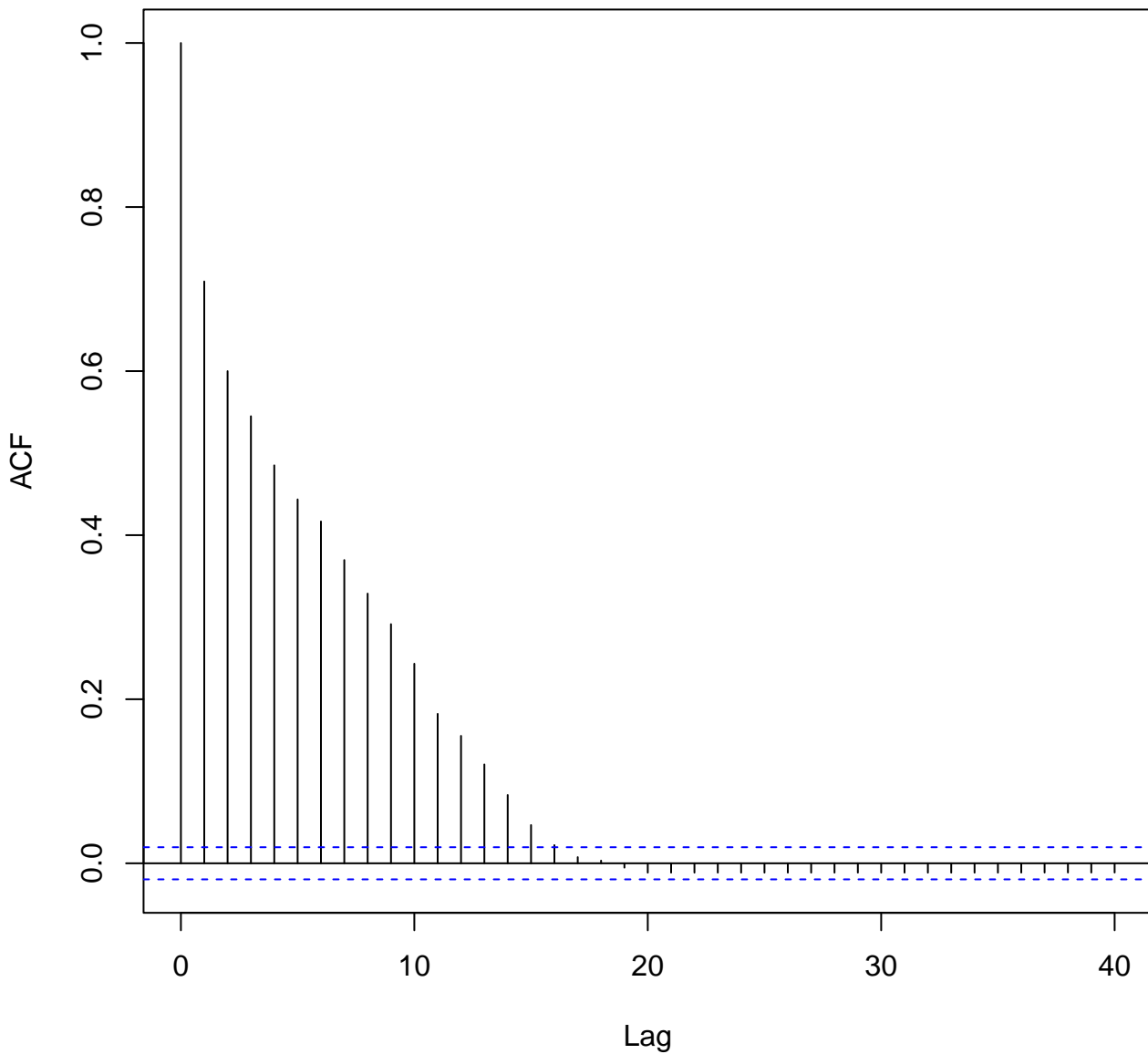
X_43 chain 5



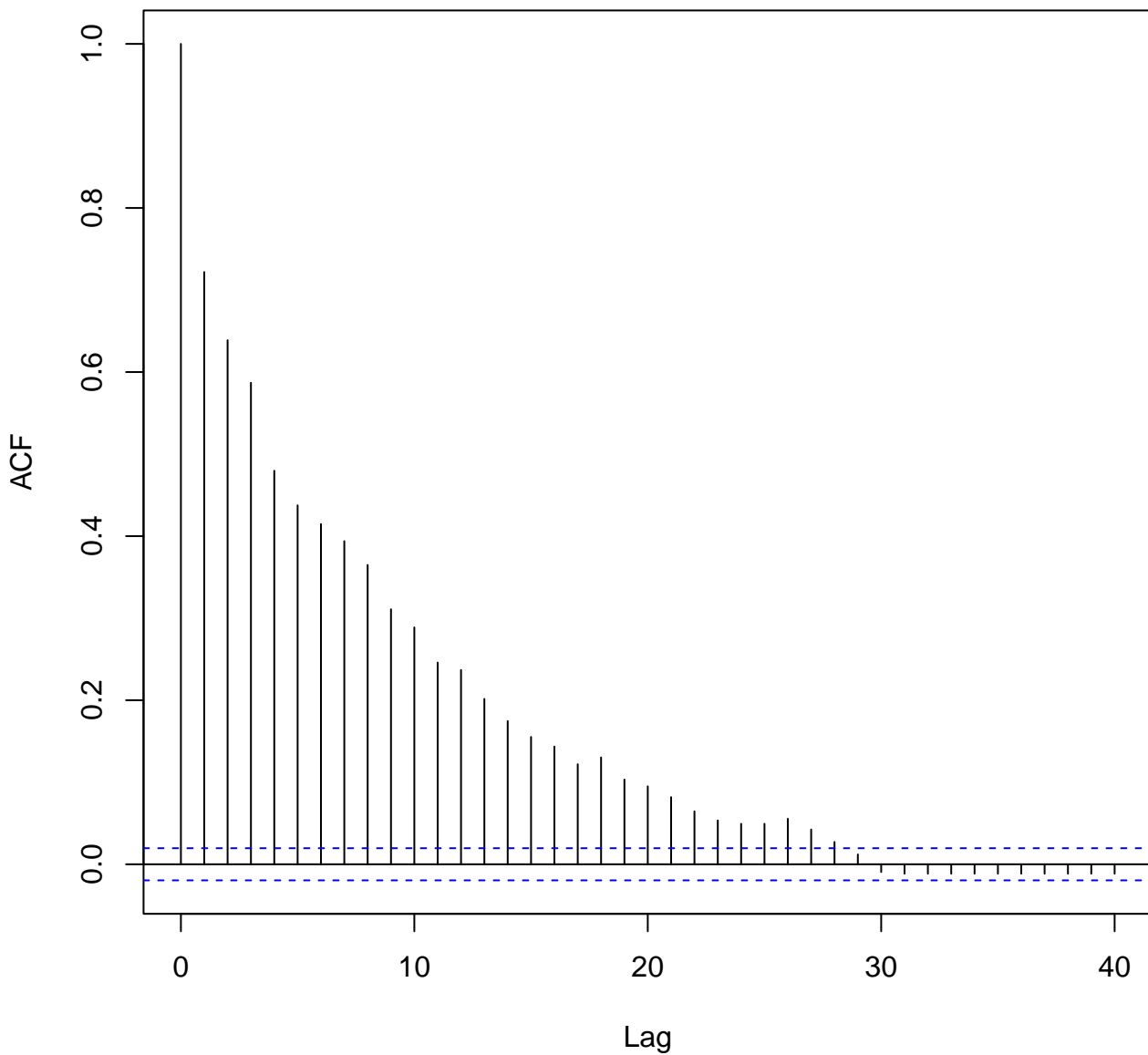
X_43 chain 6



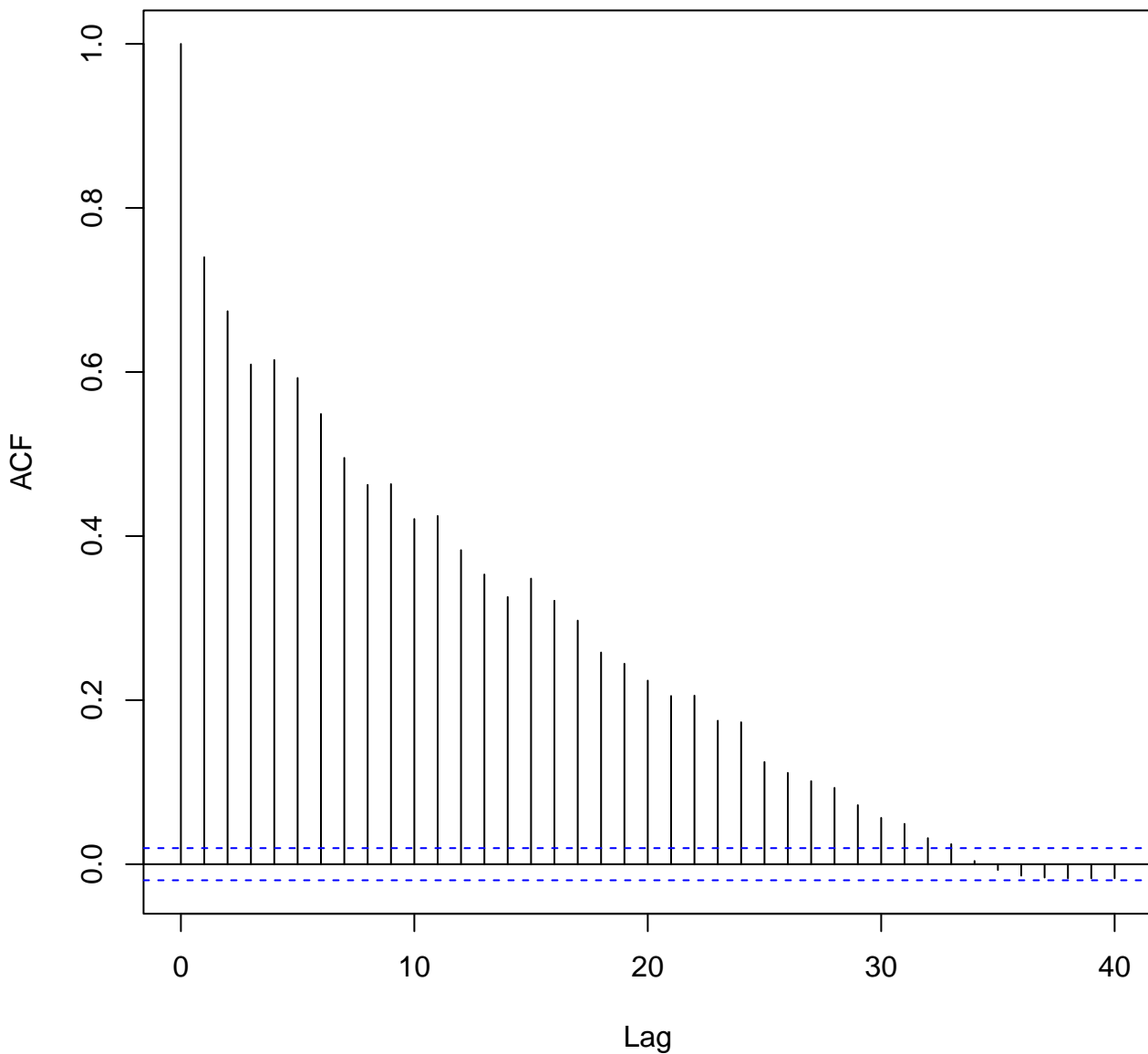
X_44 chain 1



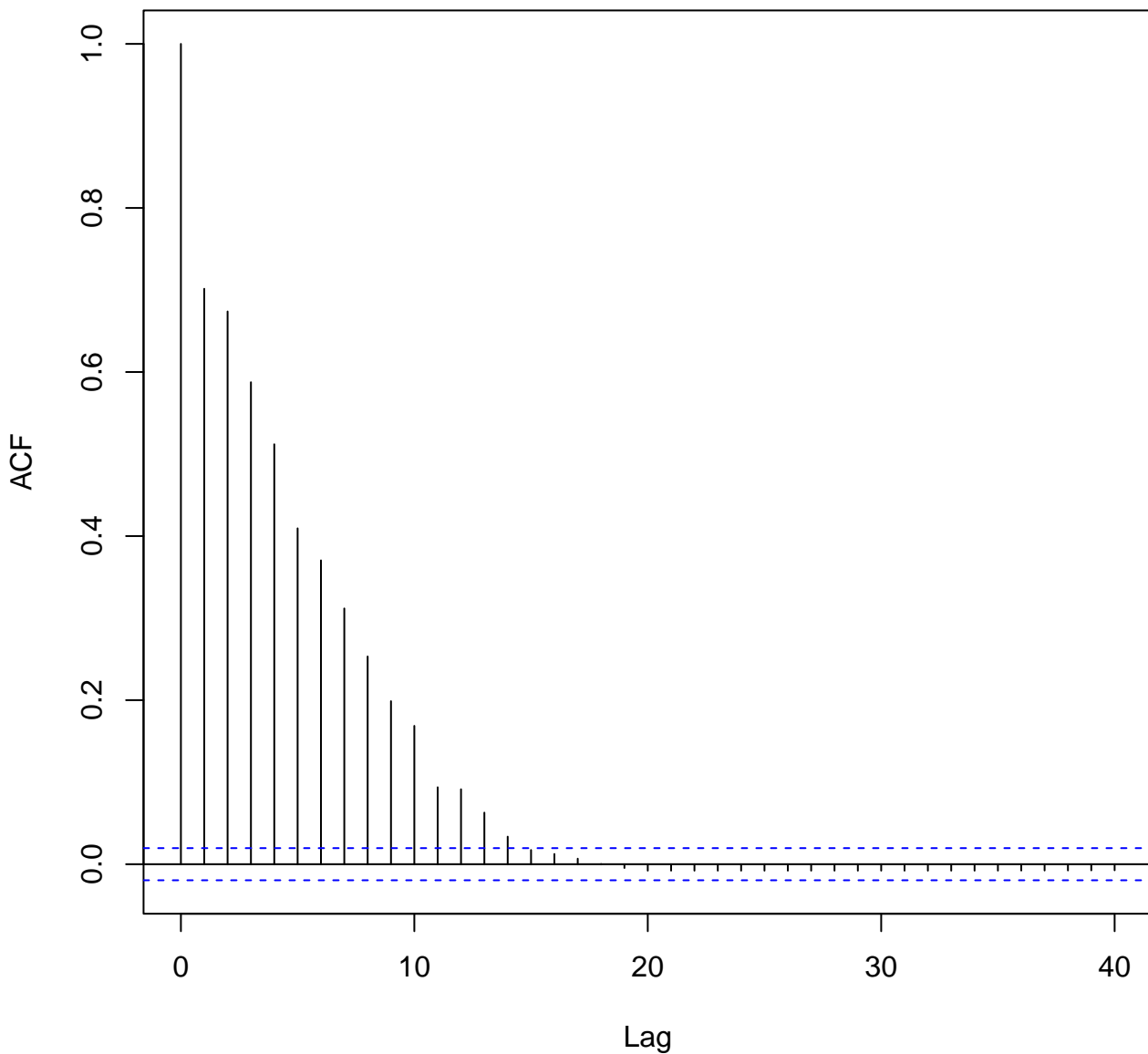
X_44 chain 2



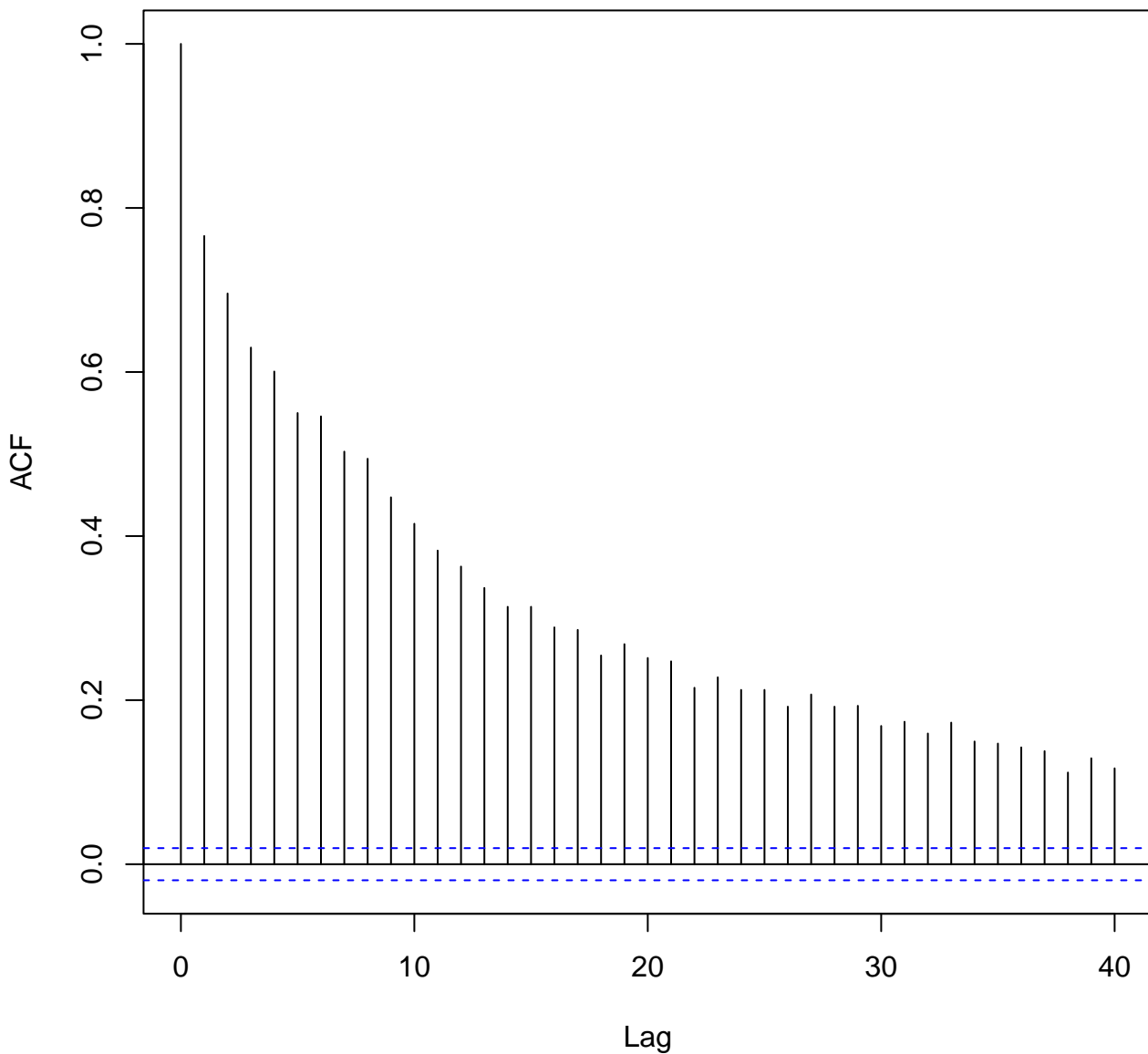
X_44 chain 3



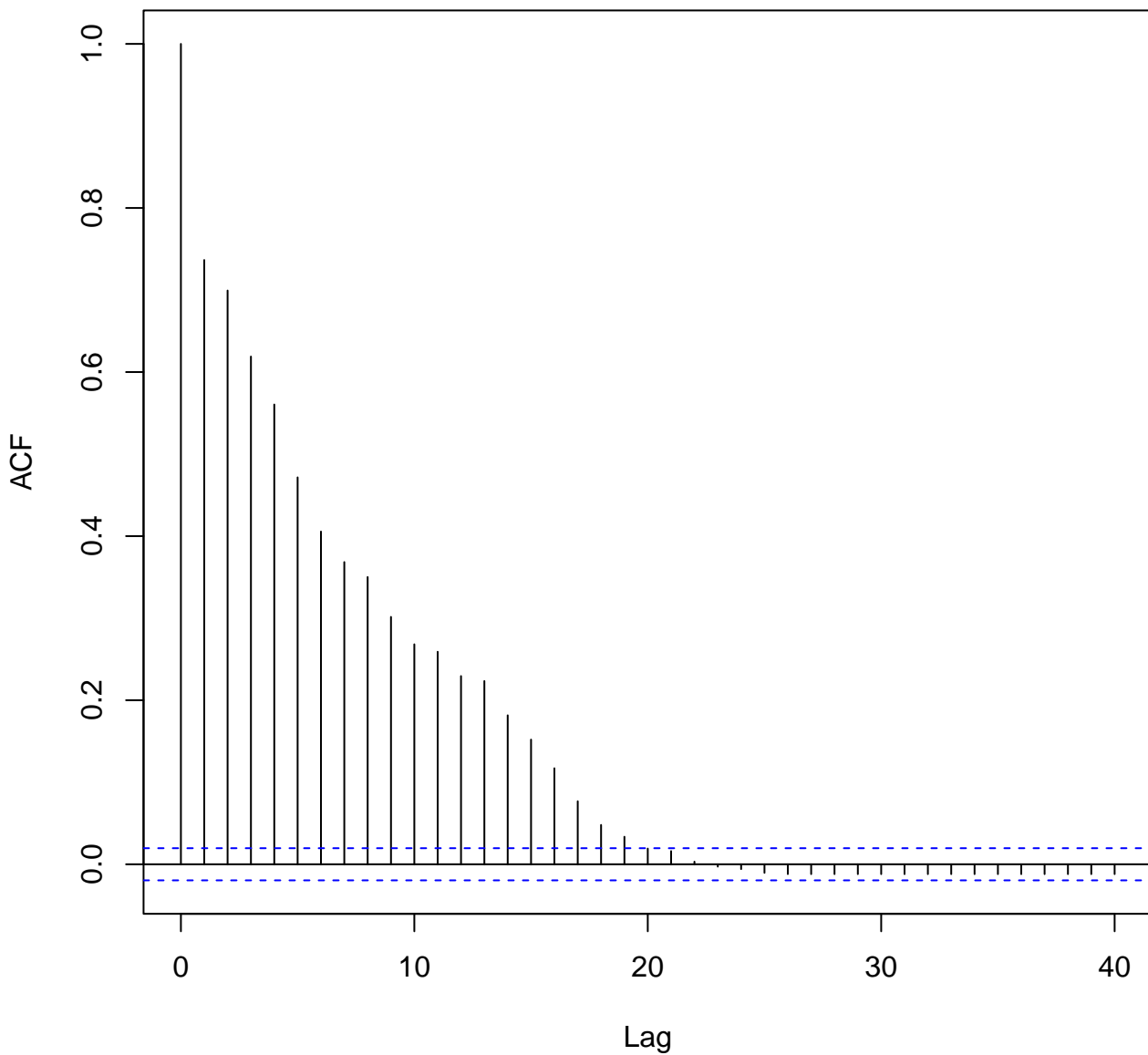
X_44 chain 4



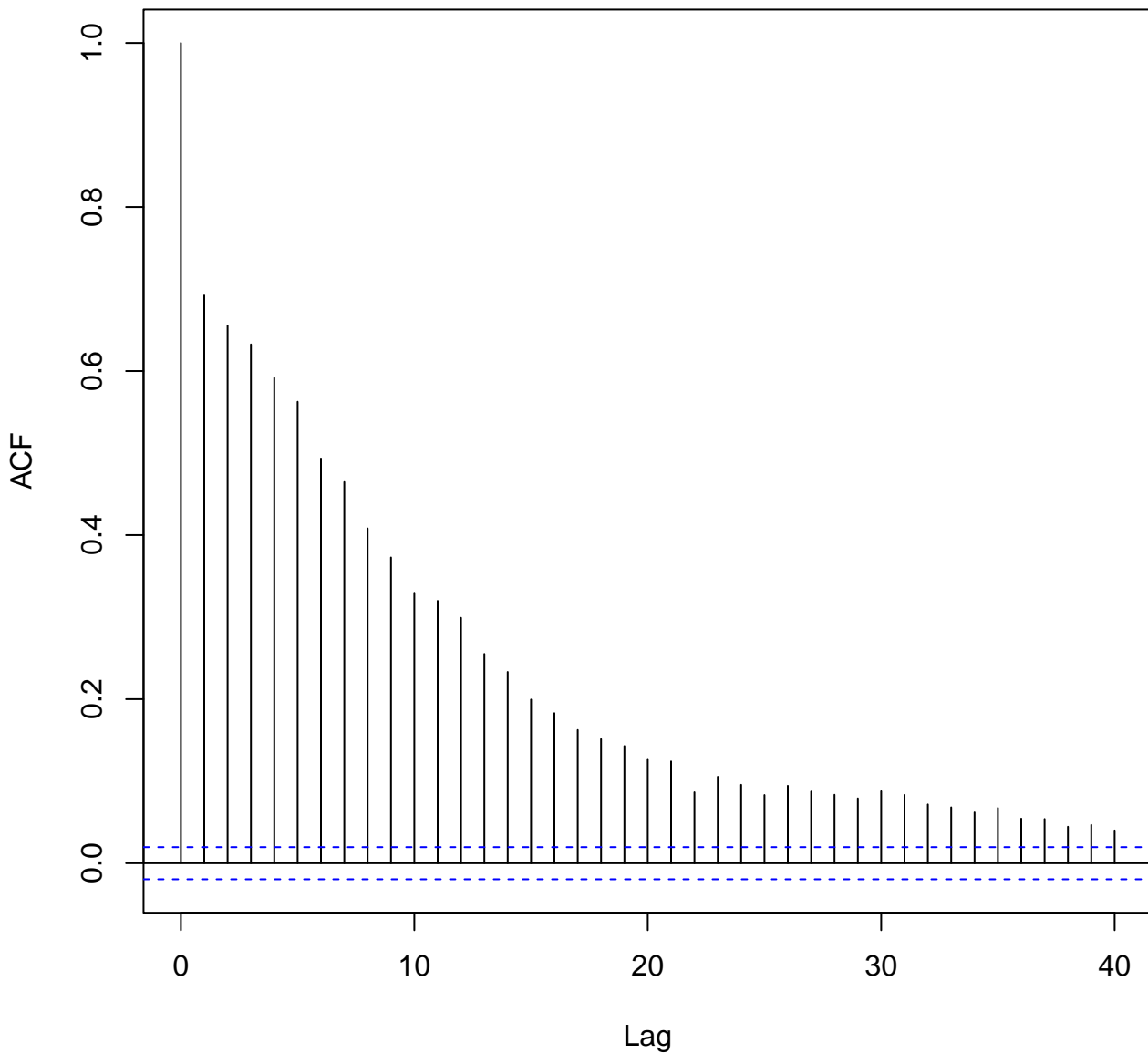
X_44 chain 5



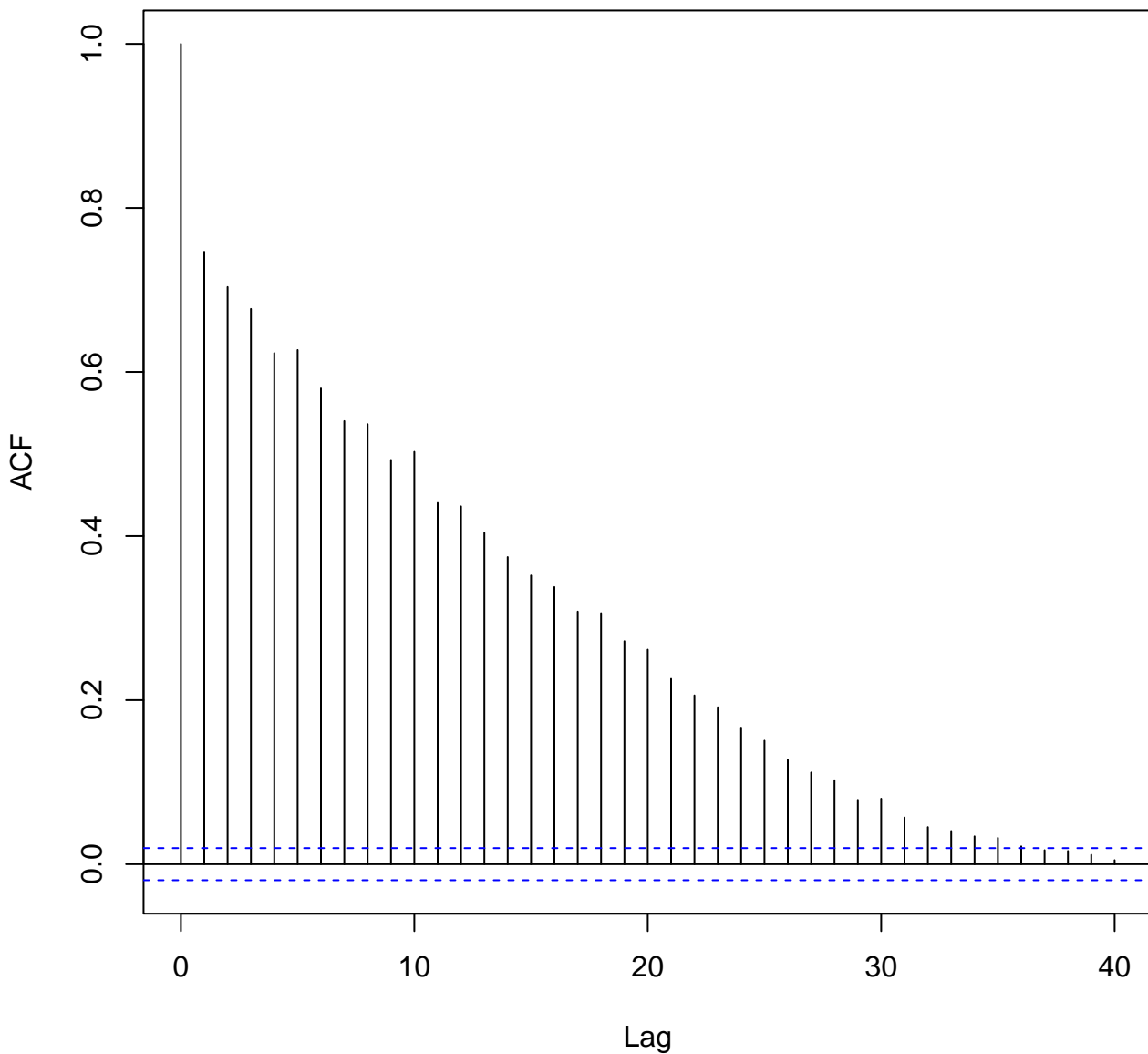
X_44 chain 6



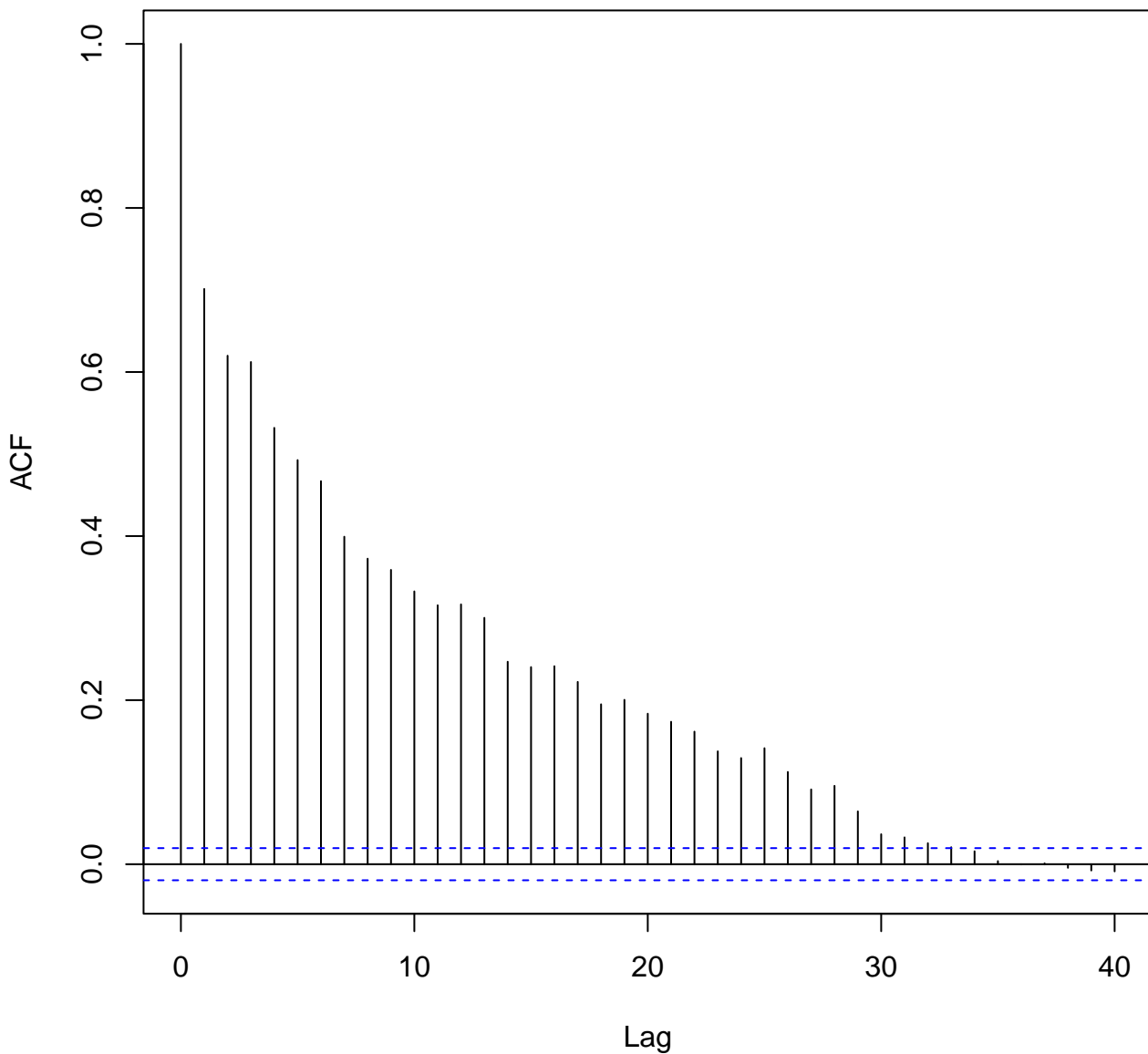
X_45 chain 1



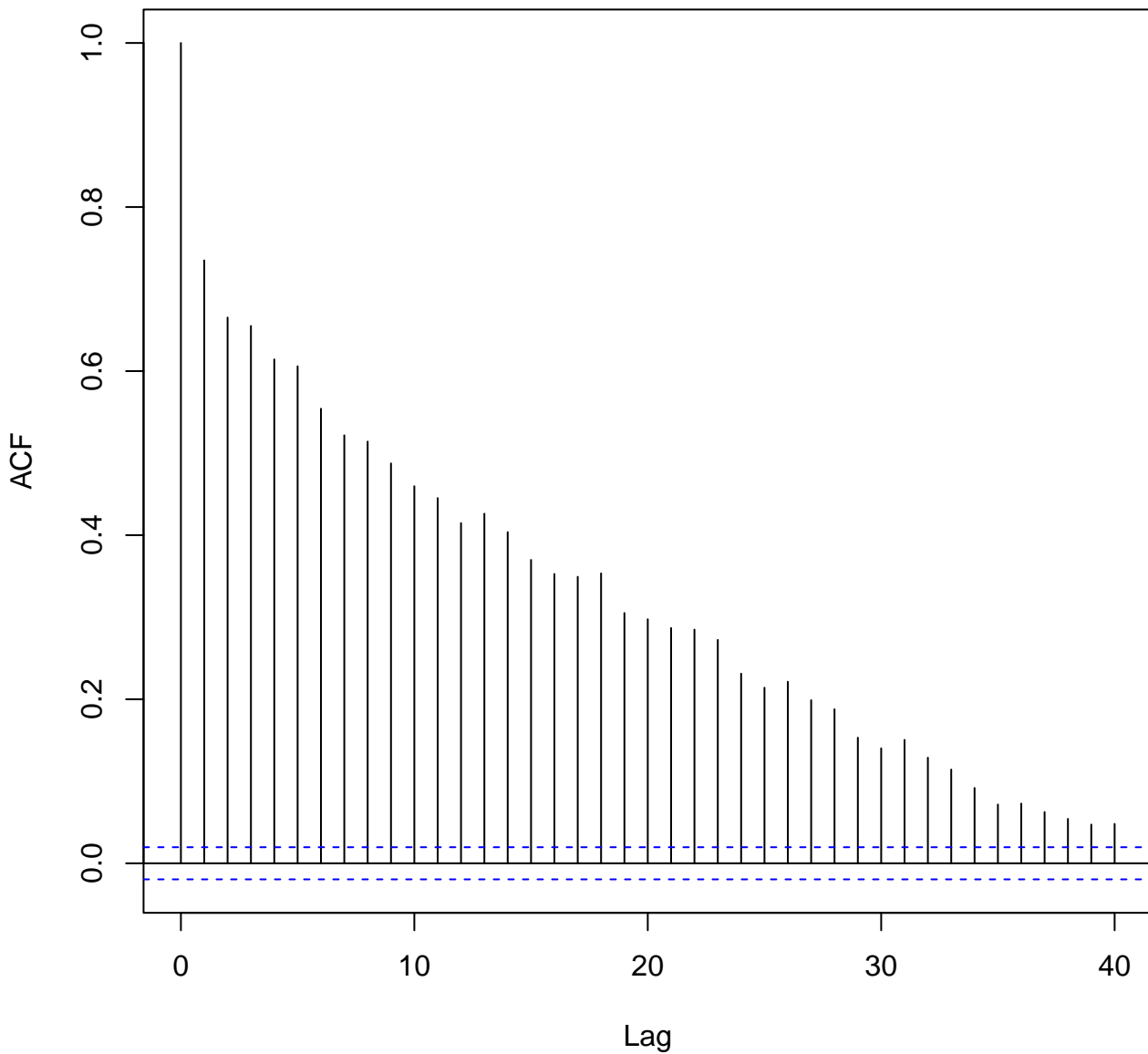
X_45 chain 2



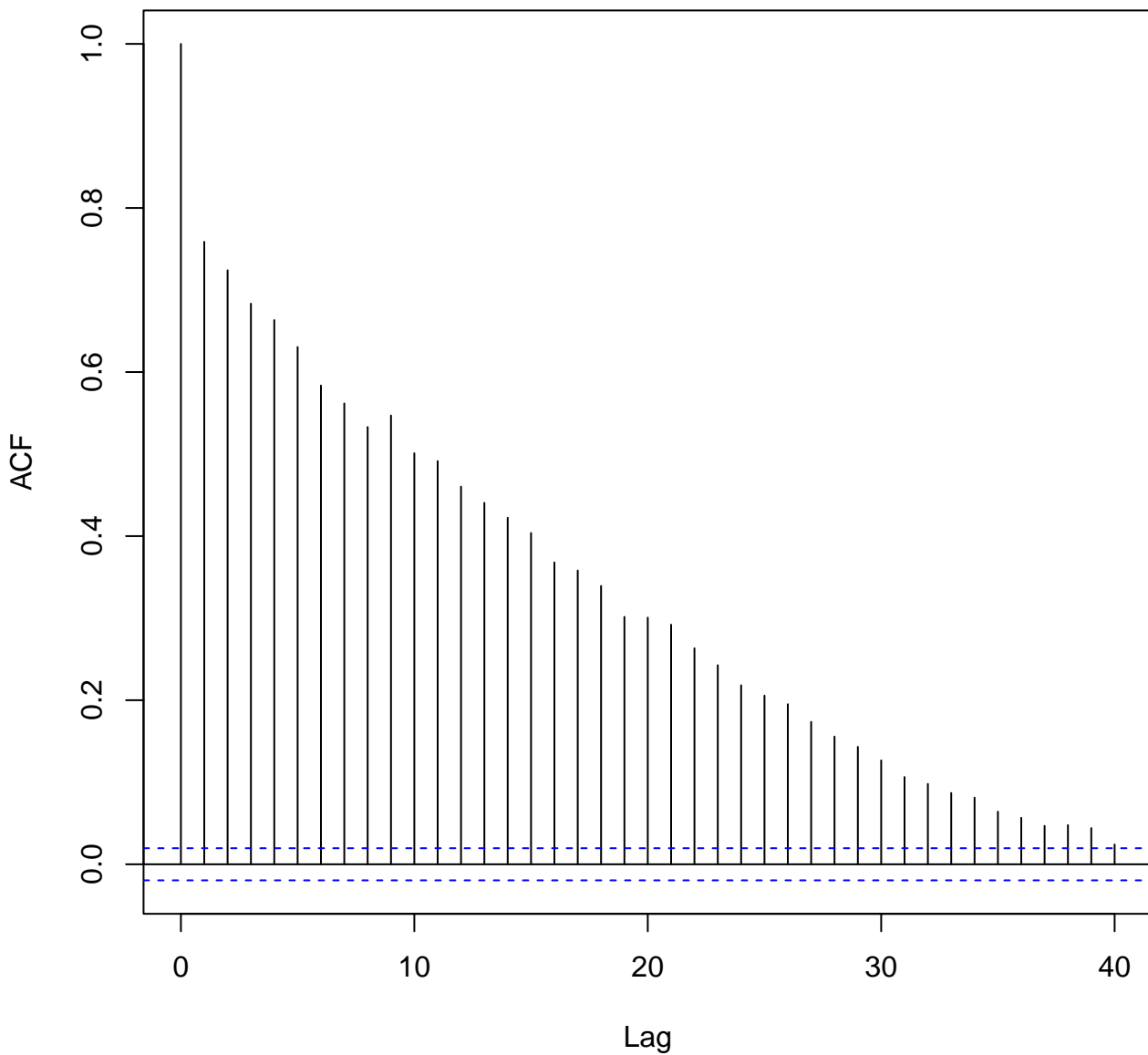
X_45 chain 3



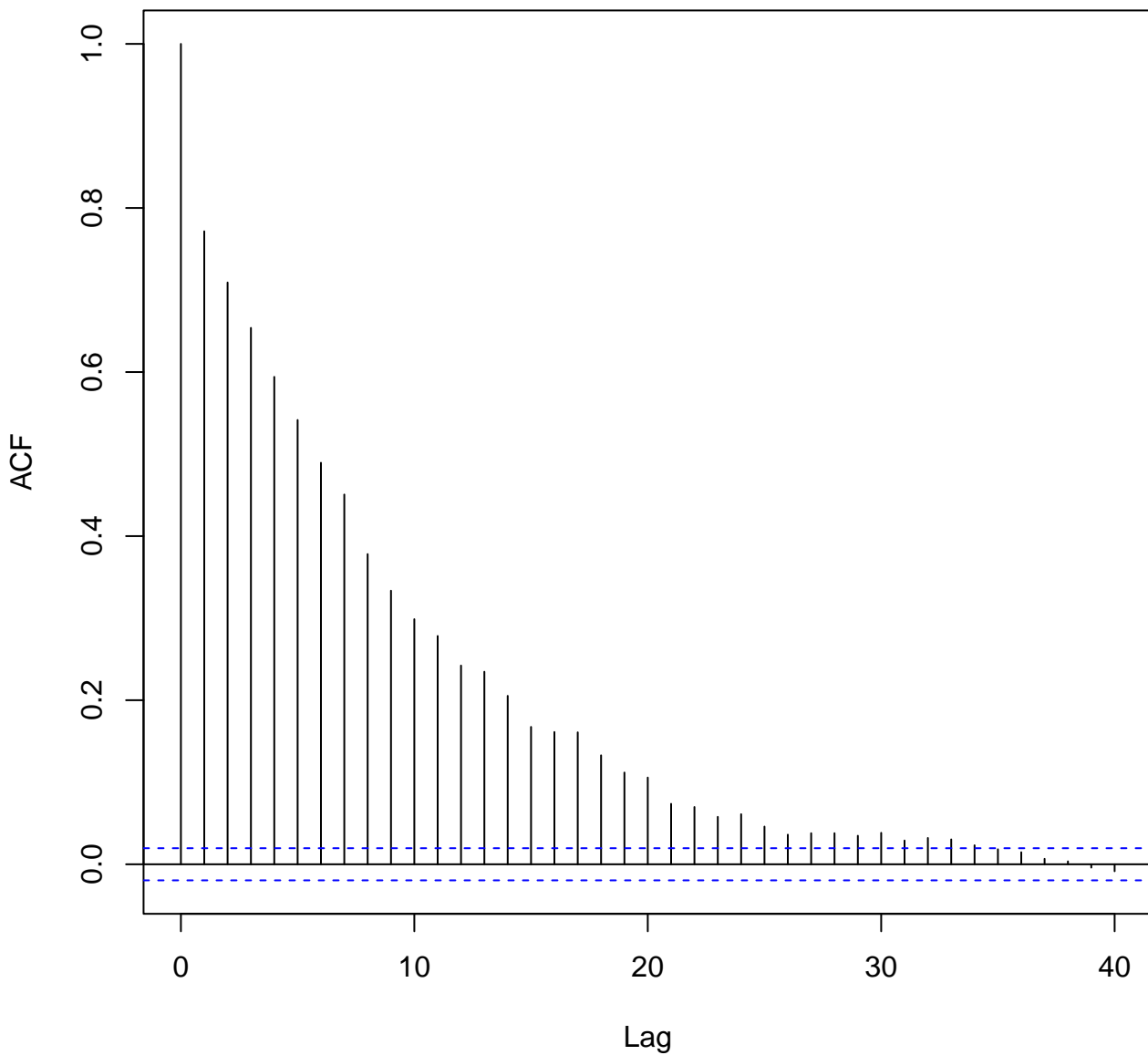
X_45 chain 4



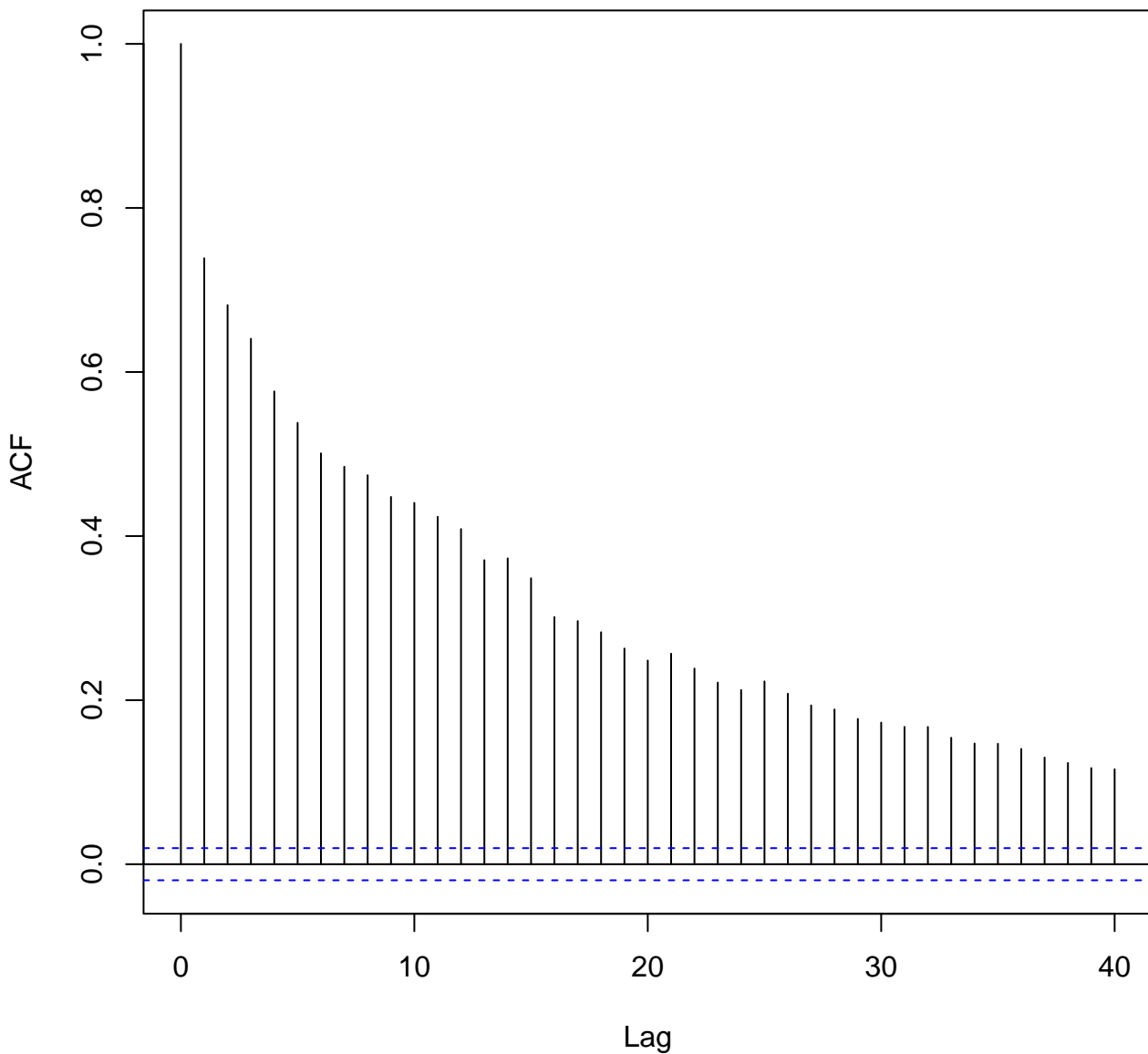
X_45 chain 5



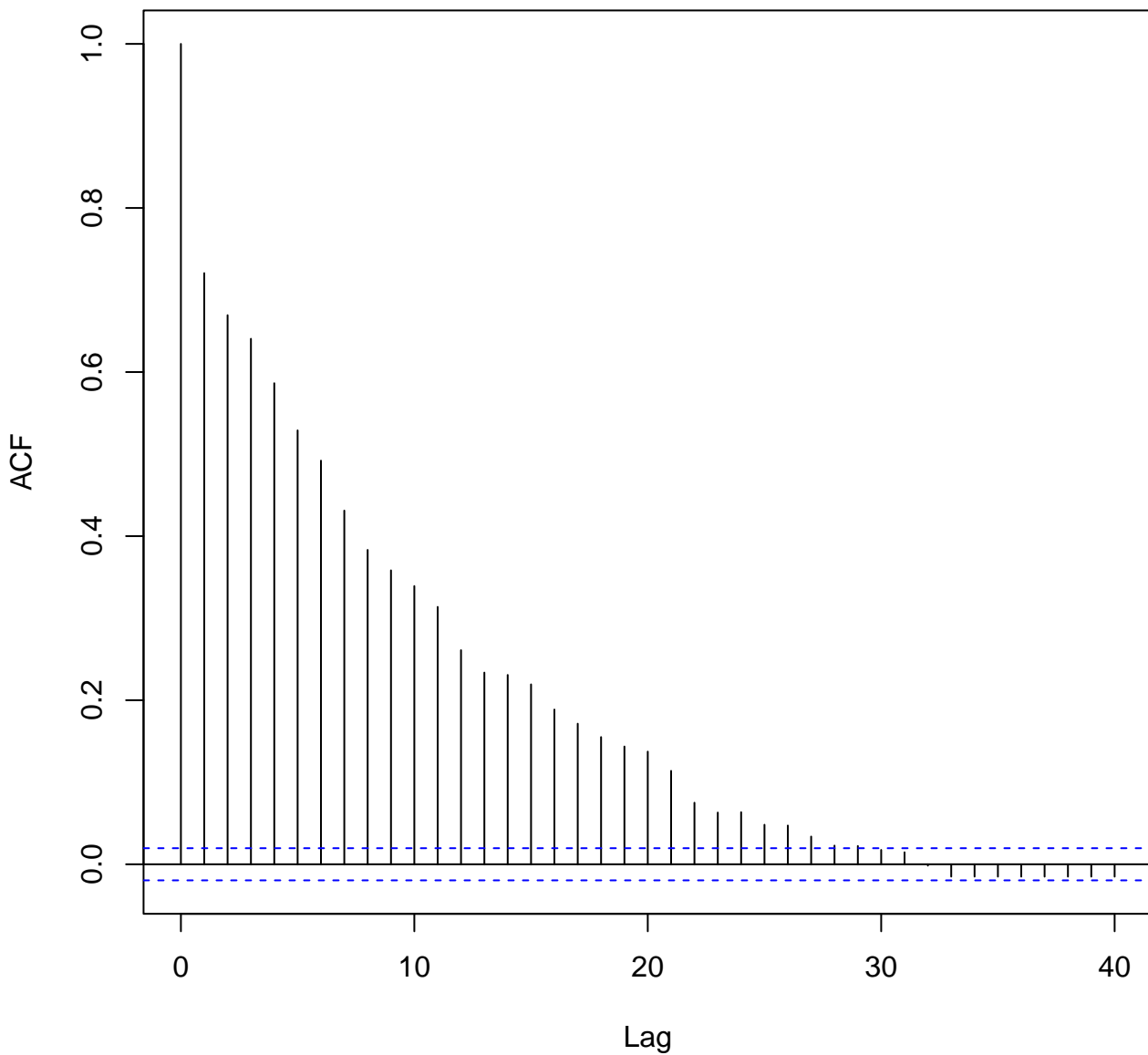
X_45 chain 6



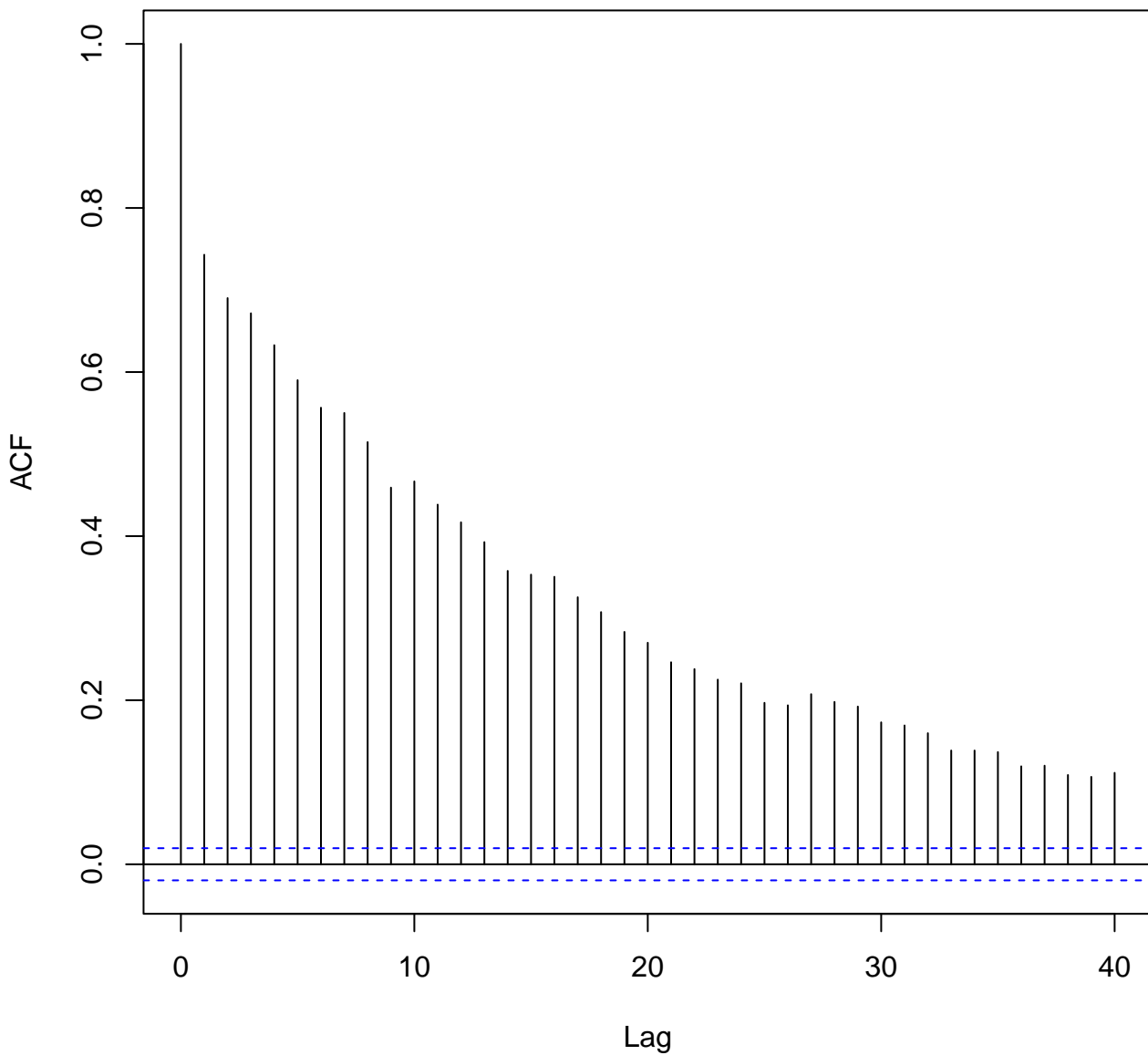
X_46 chain 1



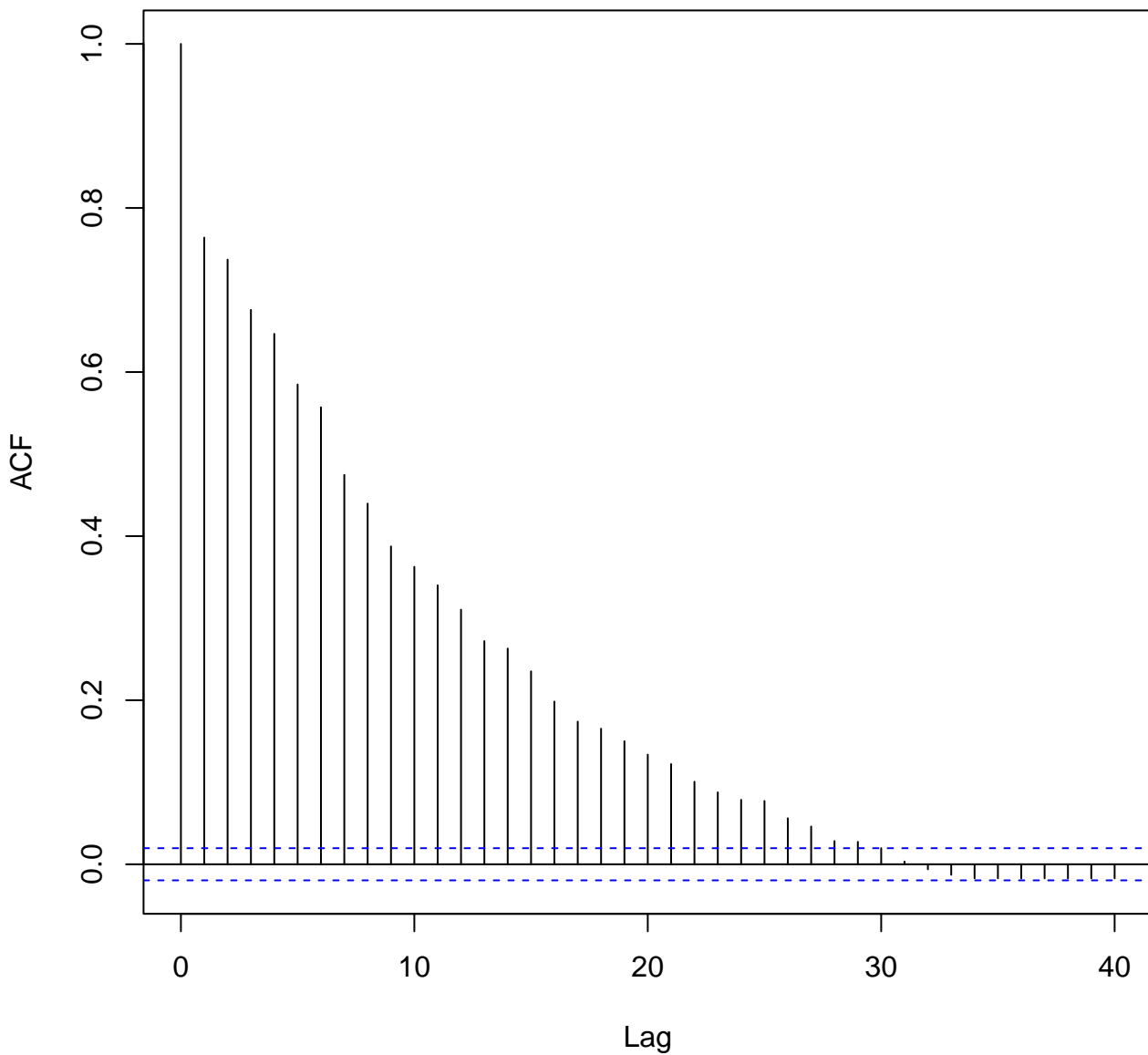
X_46 chain 2



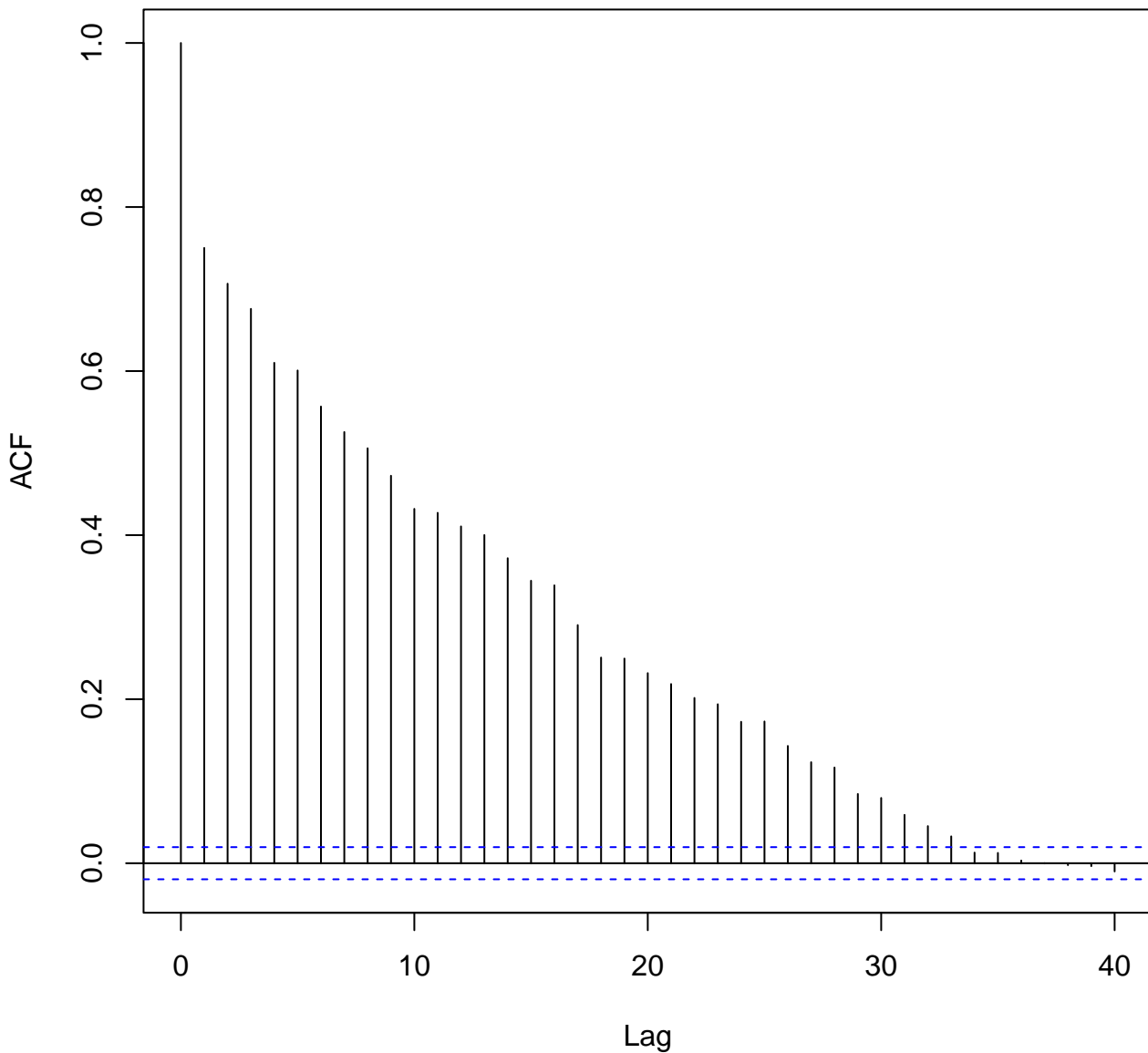
X_46 chain 3



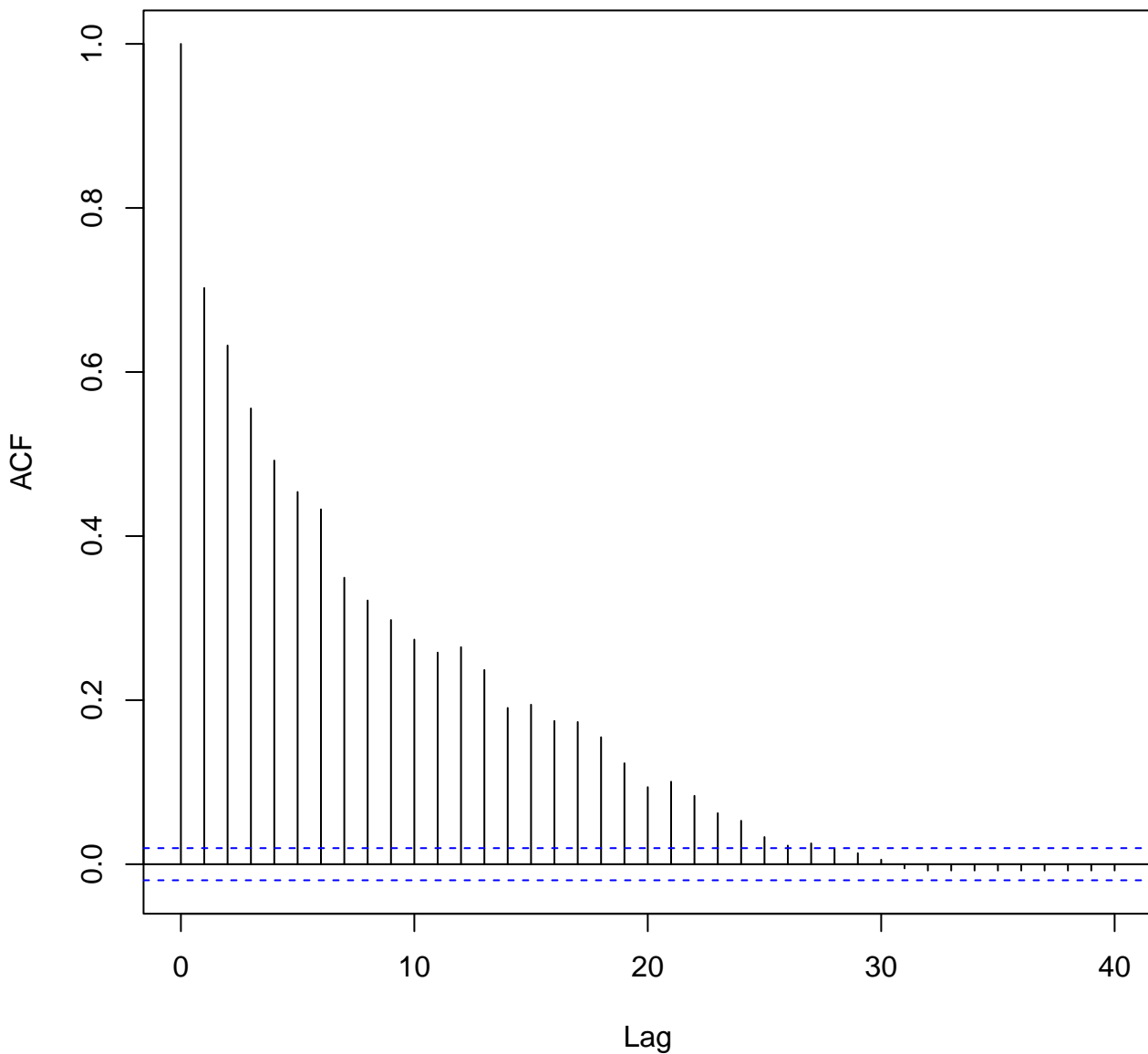
X_46 chain 4



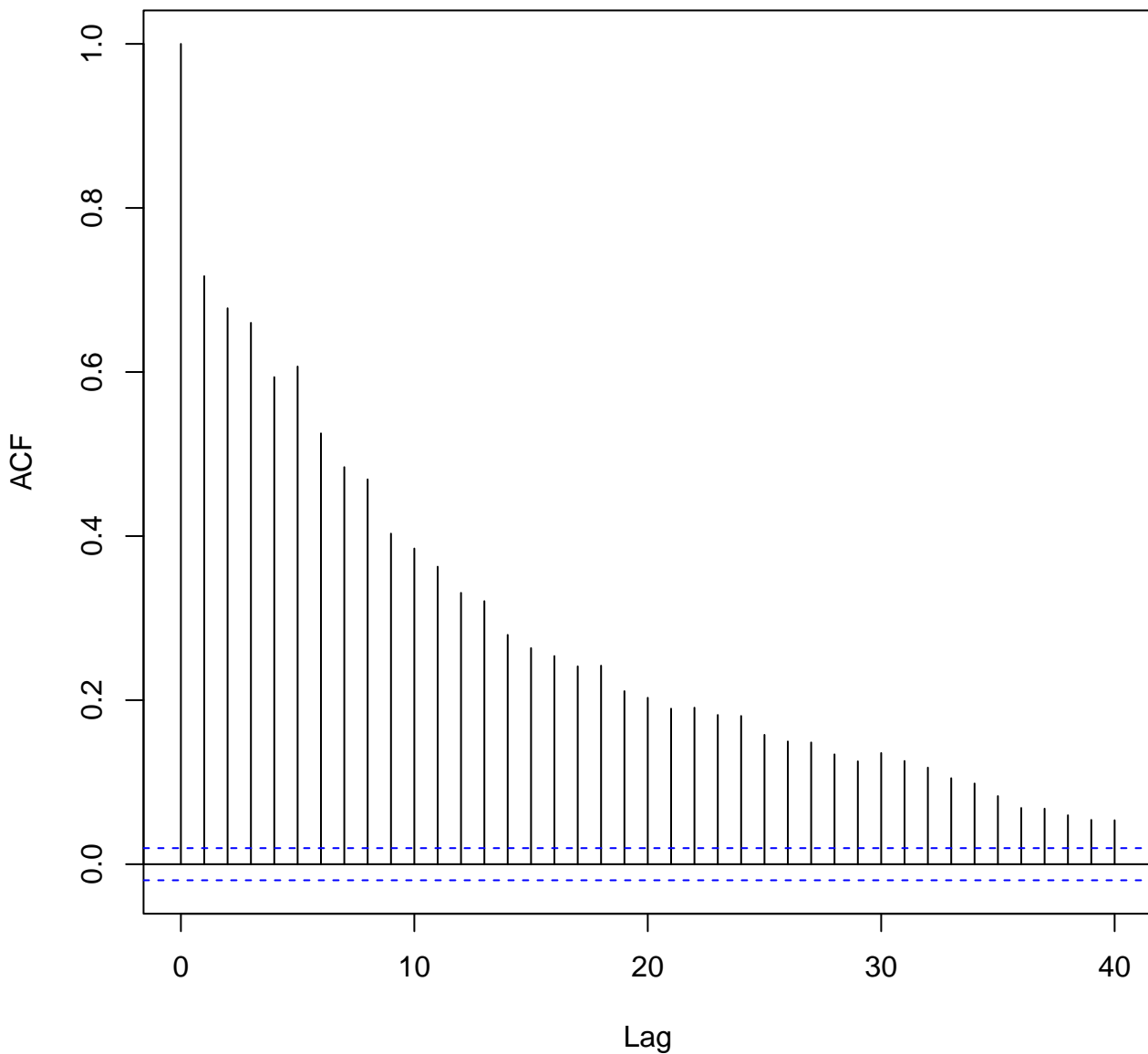
X_46 chain 5



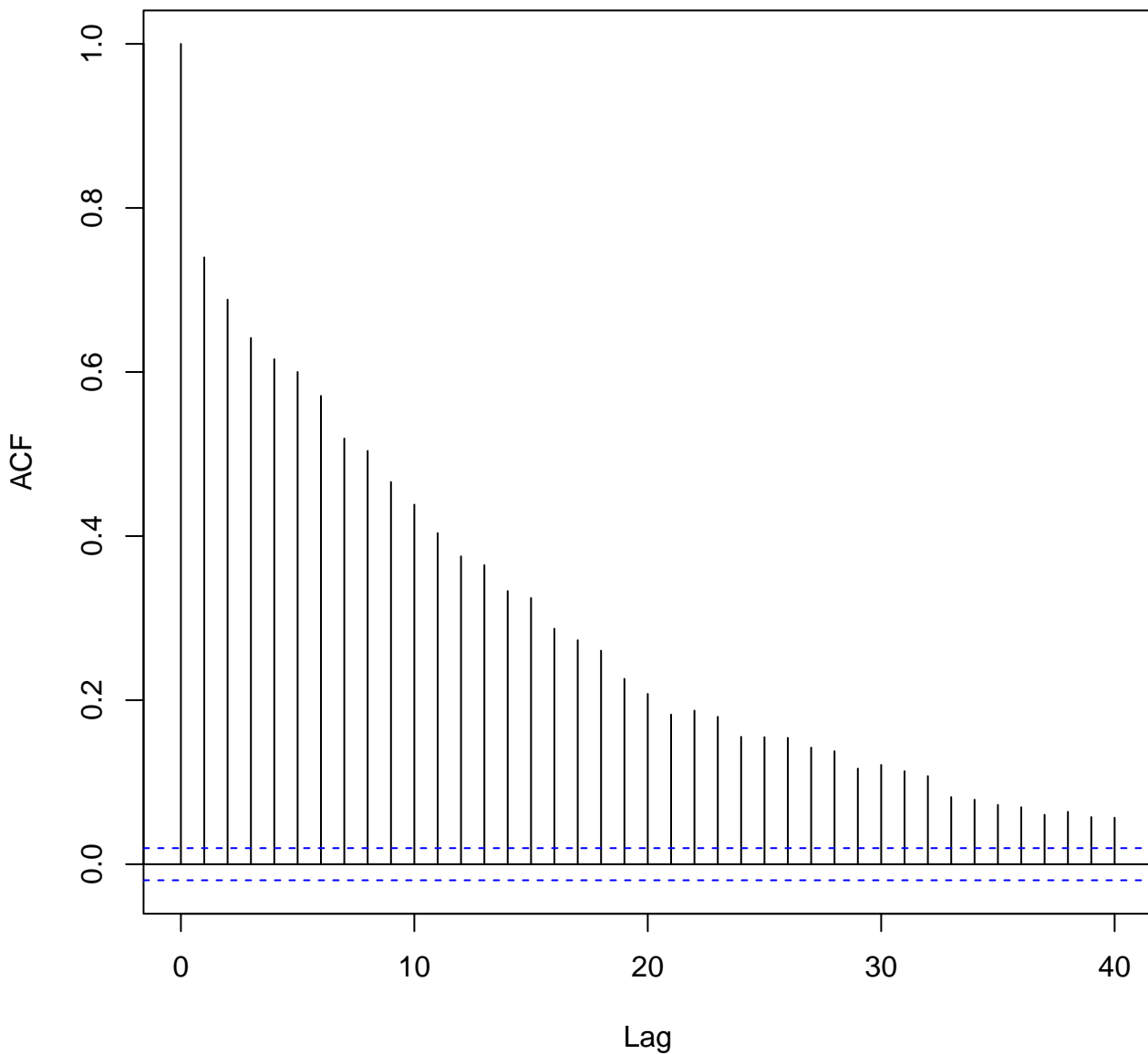
X_46 chain 6



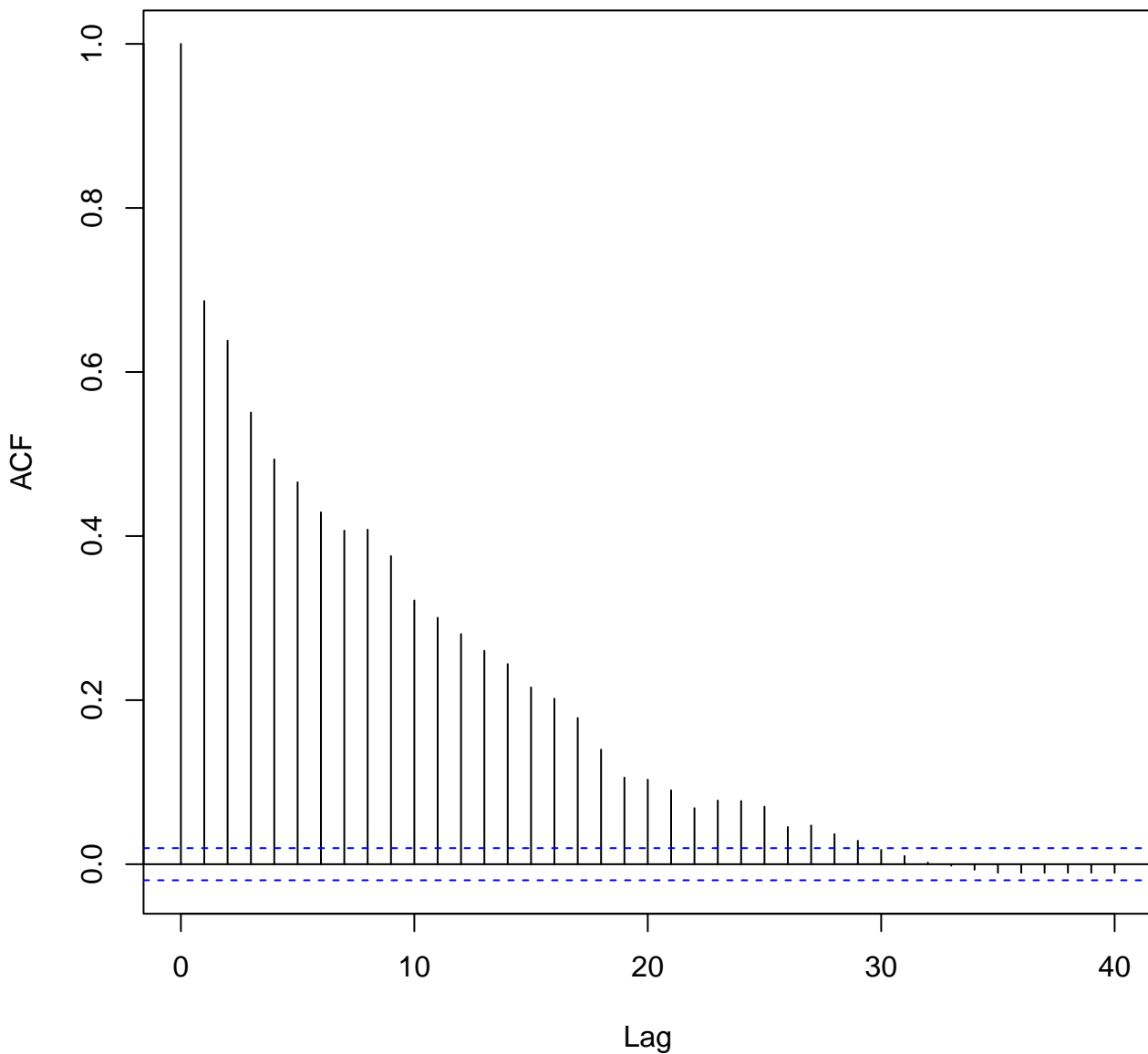
X_47 chain 1



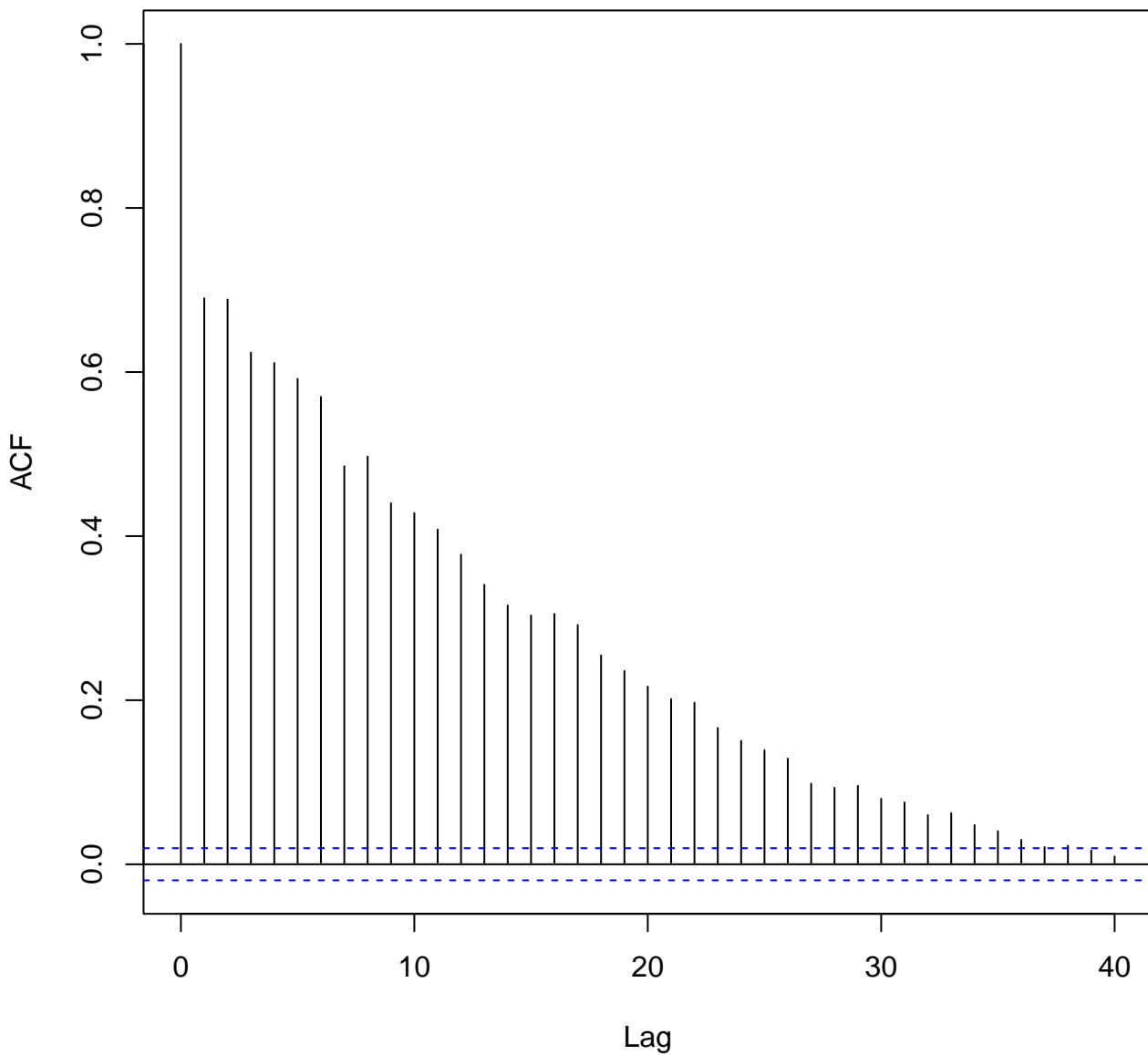
X_47 chain 2



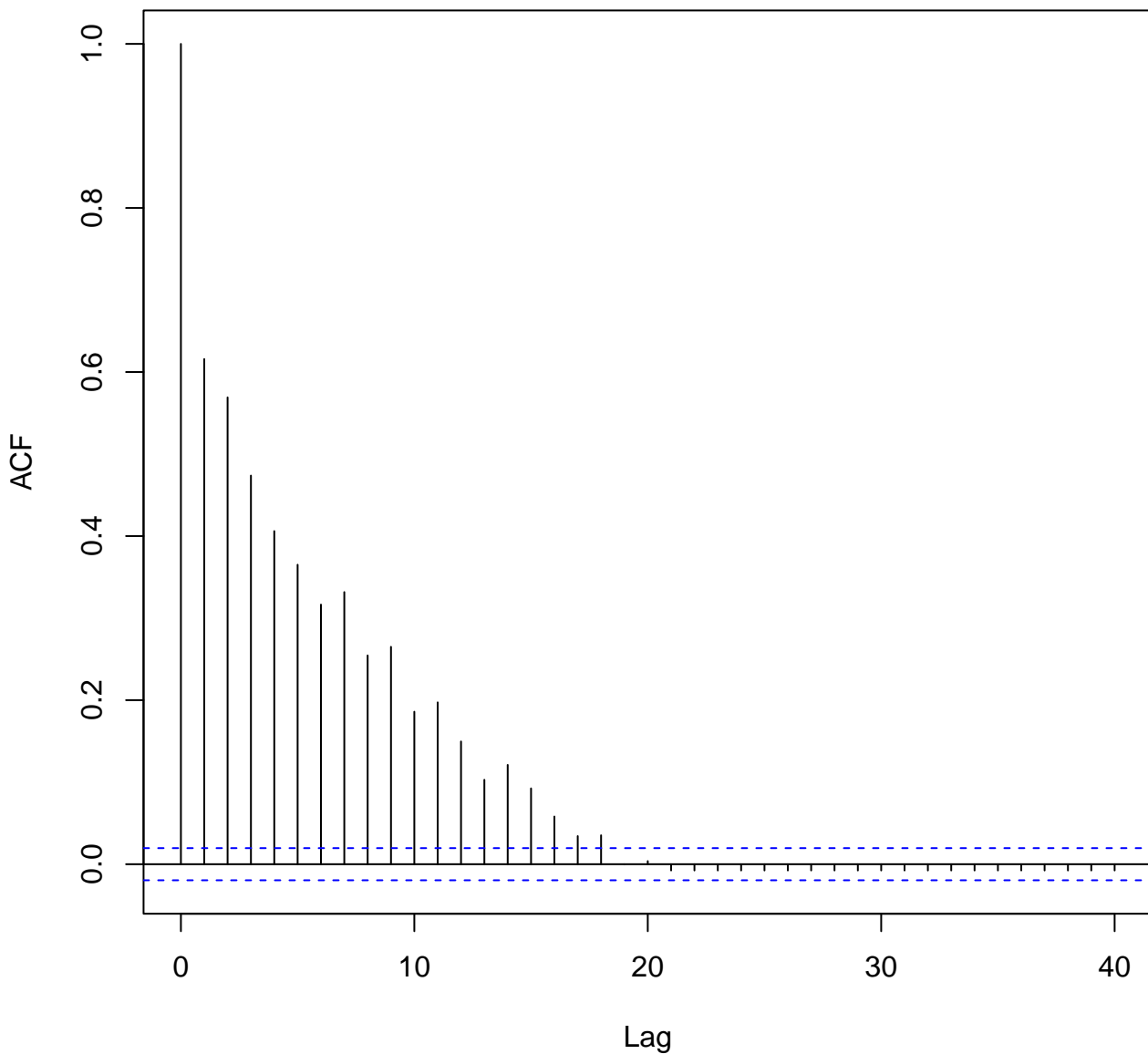
X_47 chain 3



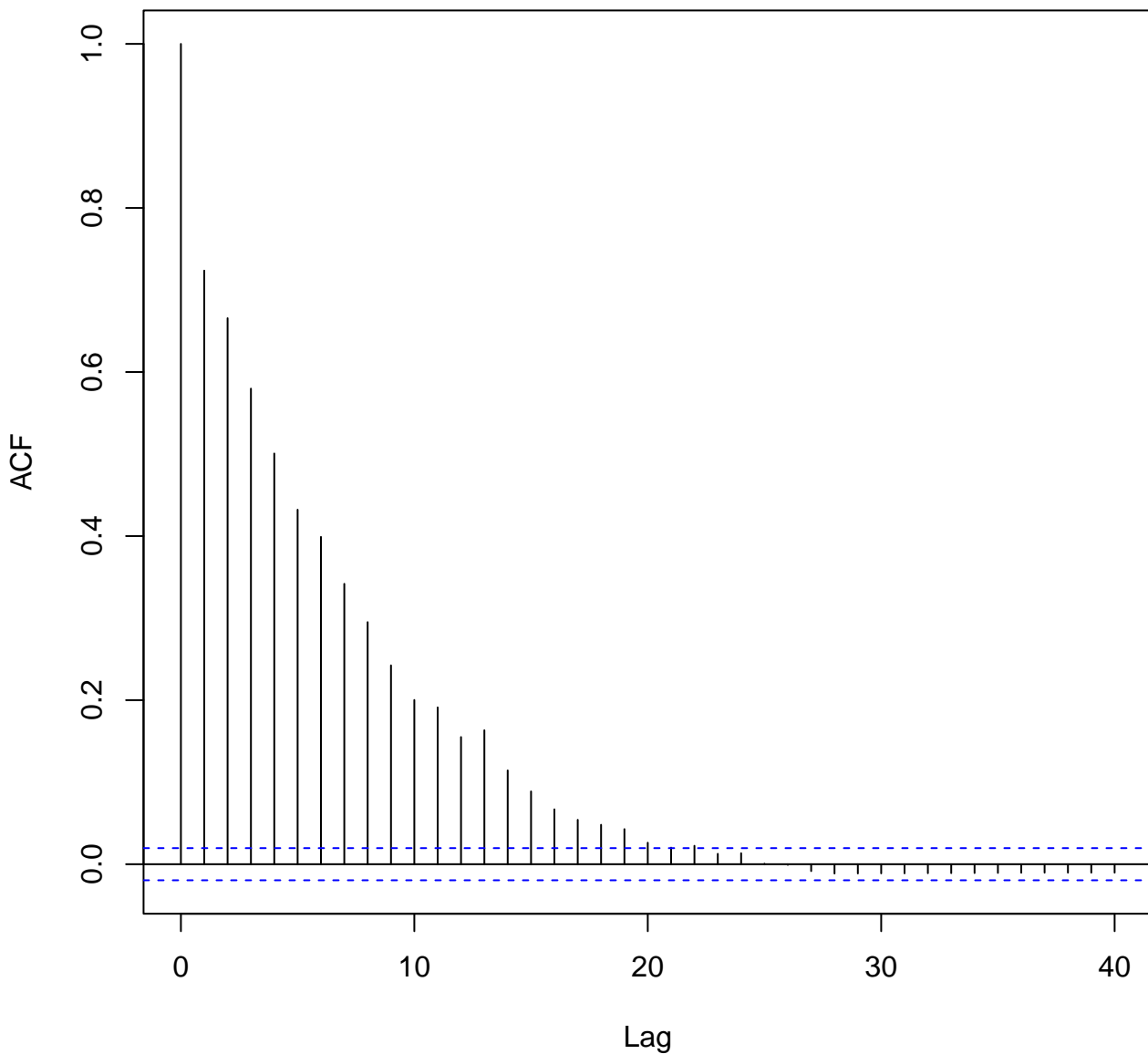
X_47 chain 4



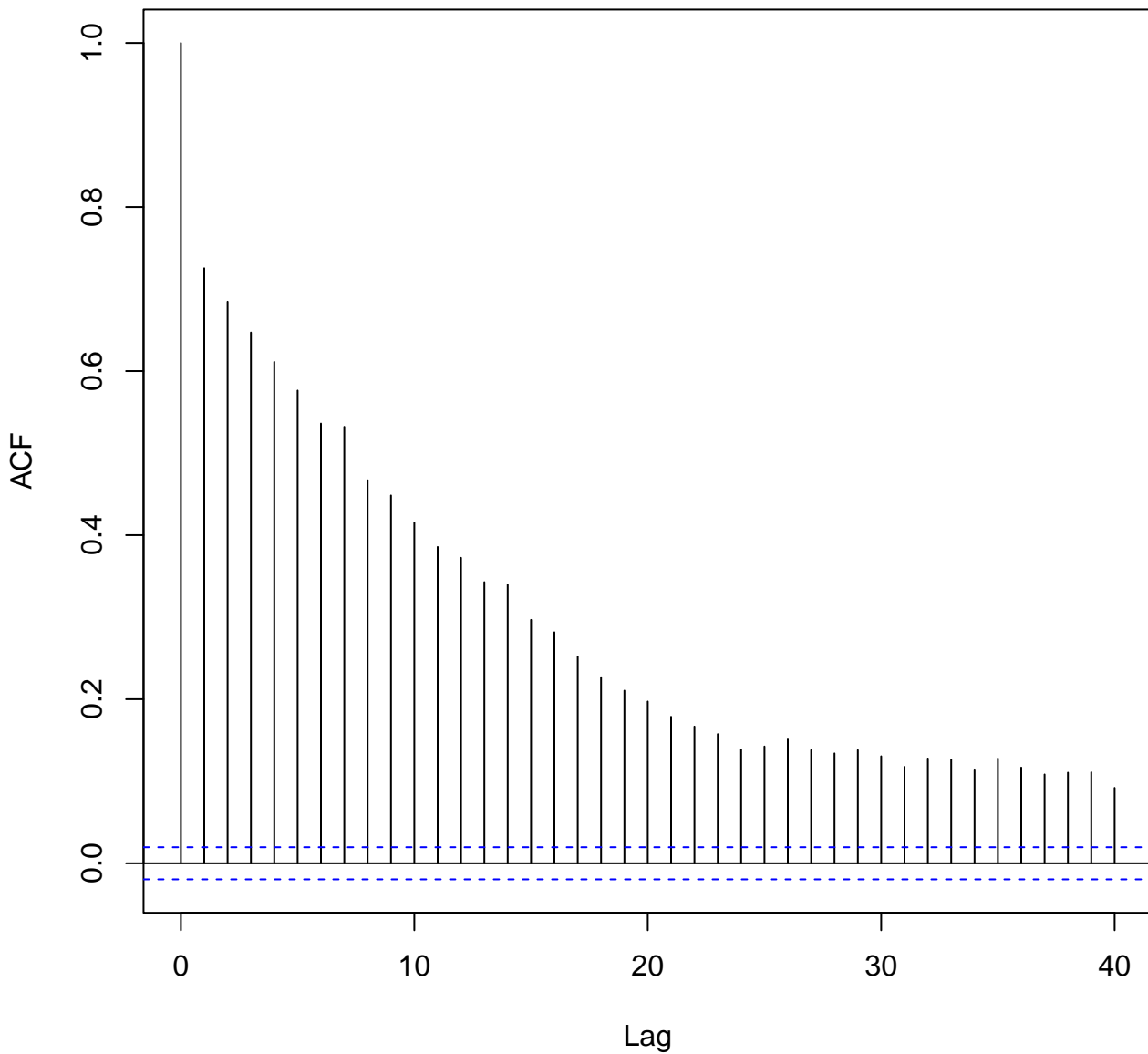
X_47 chain 5



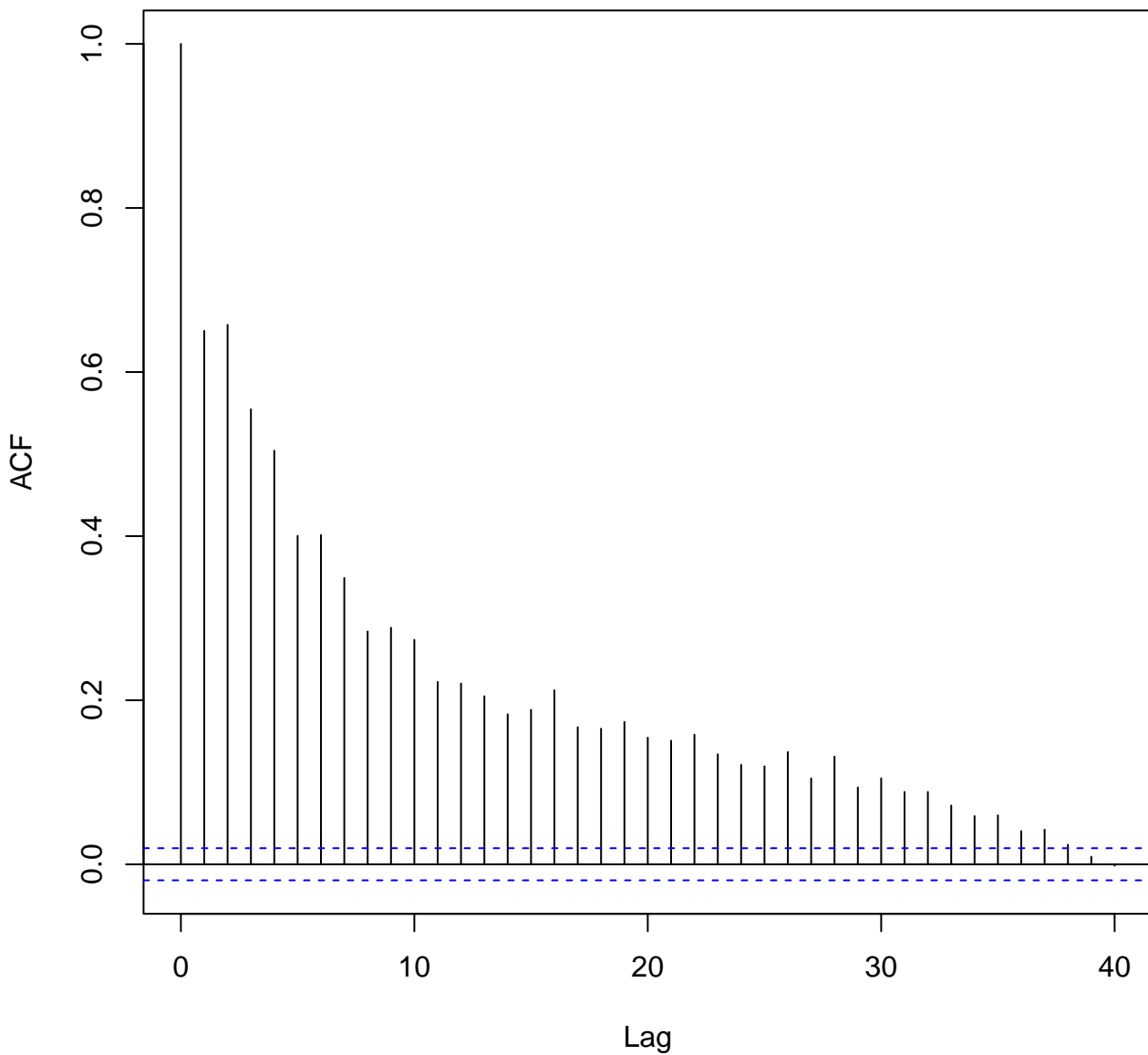
X_47 chain 6



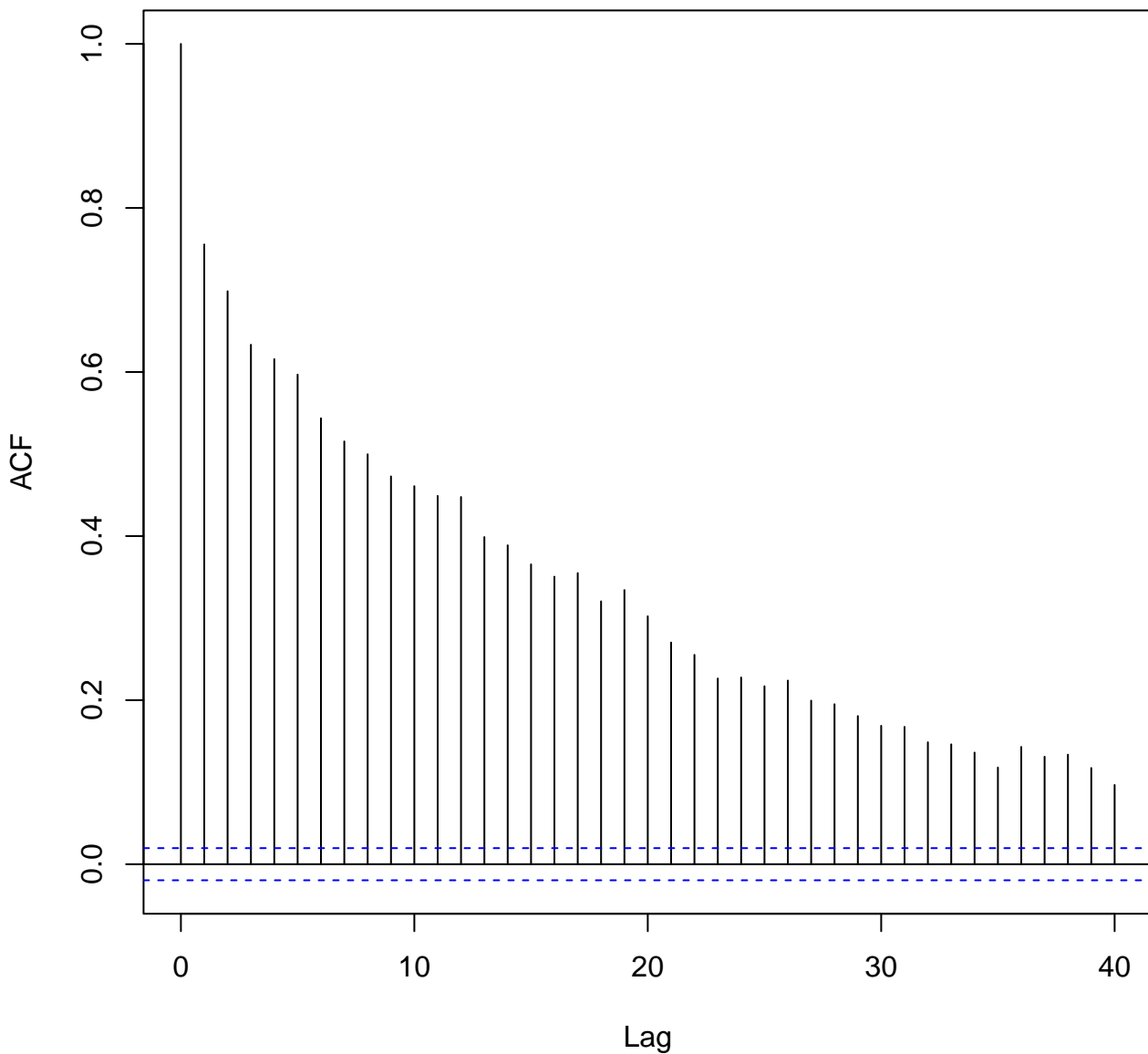
X_48 chain 1



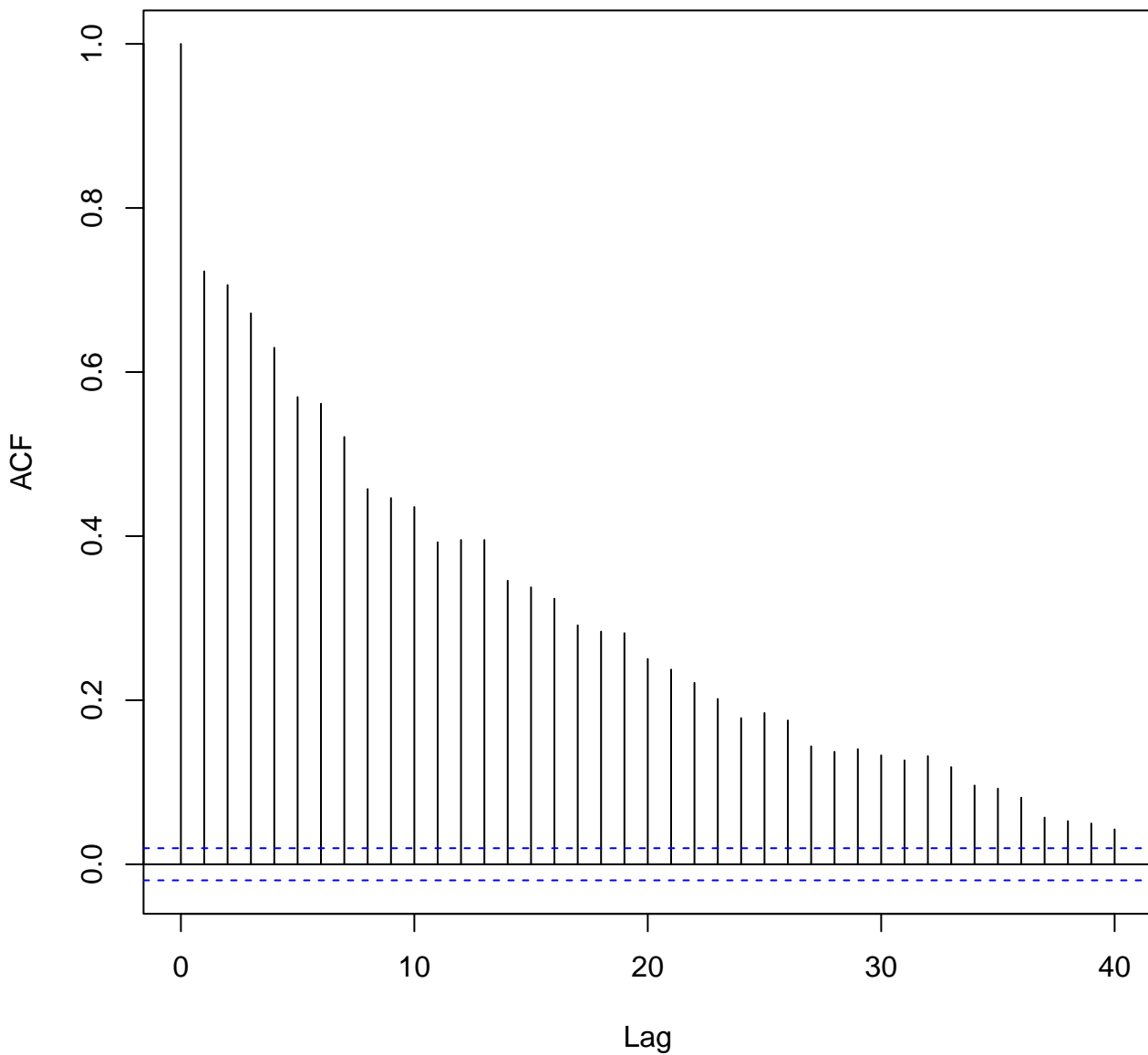
X_48 chain 2



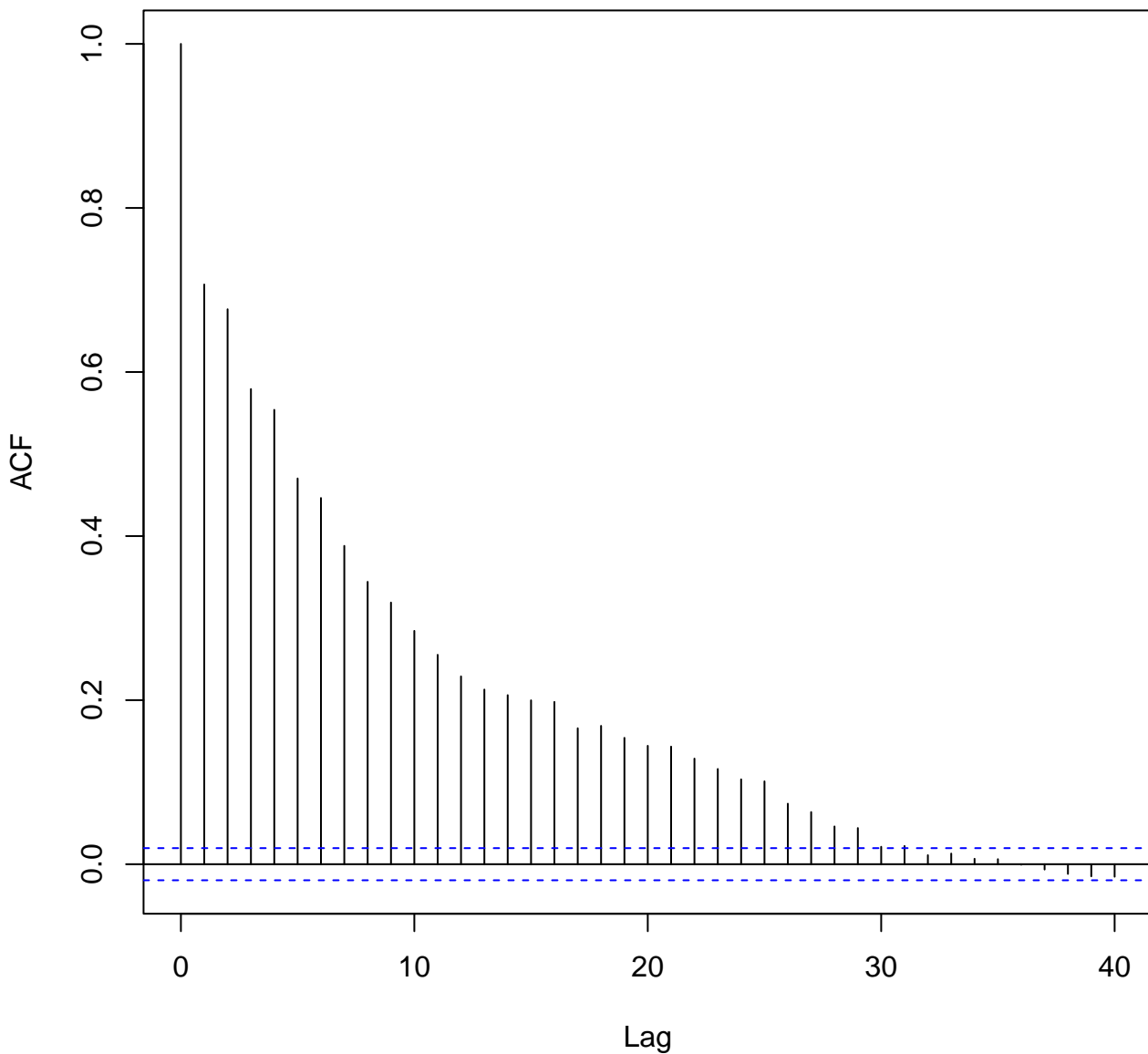
X_48 chain 3



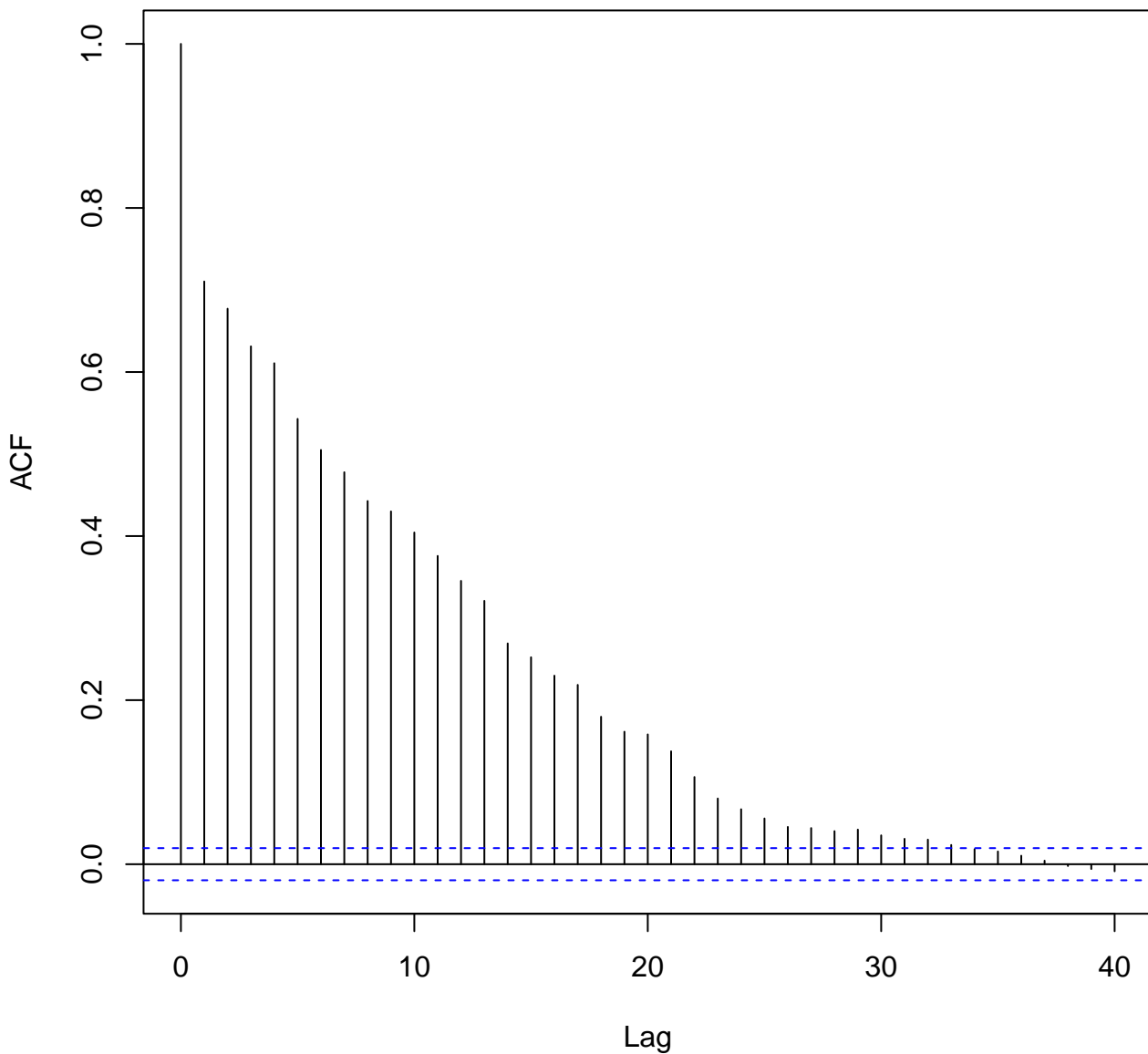
X_48 chain 4



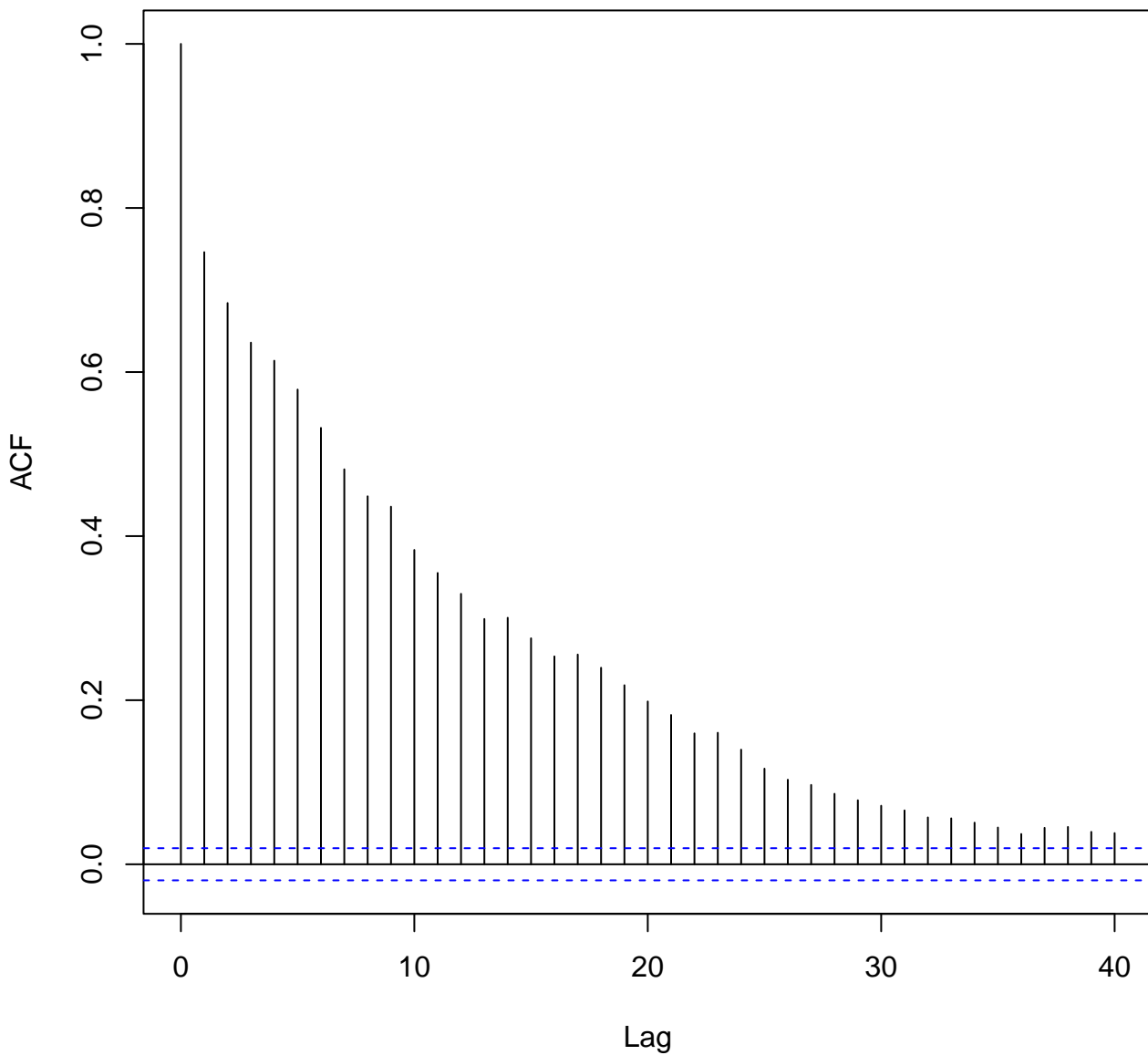
X_48 chain 5



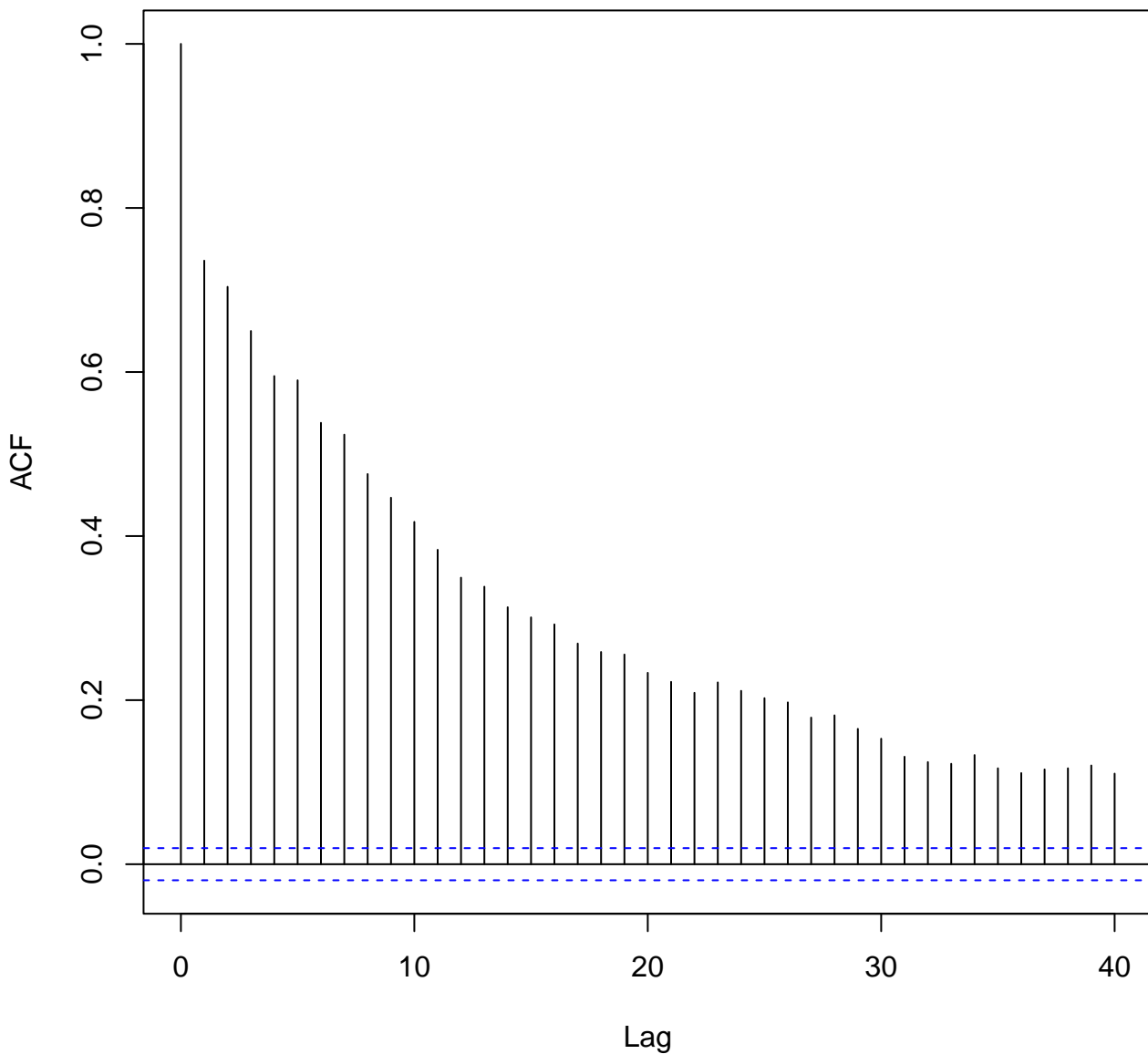
X_48 chain 6



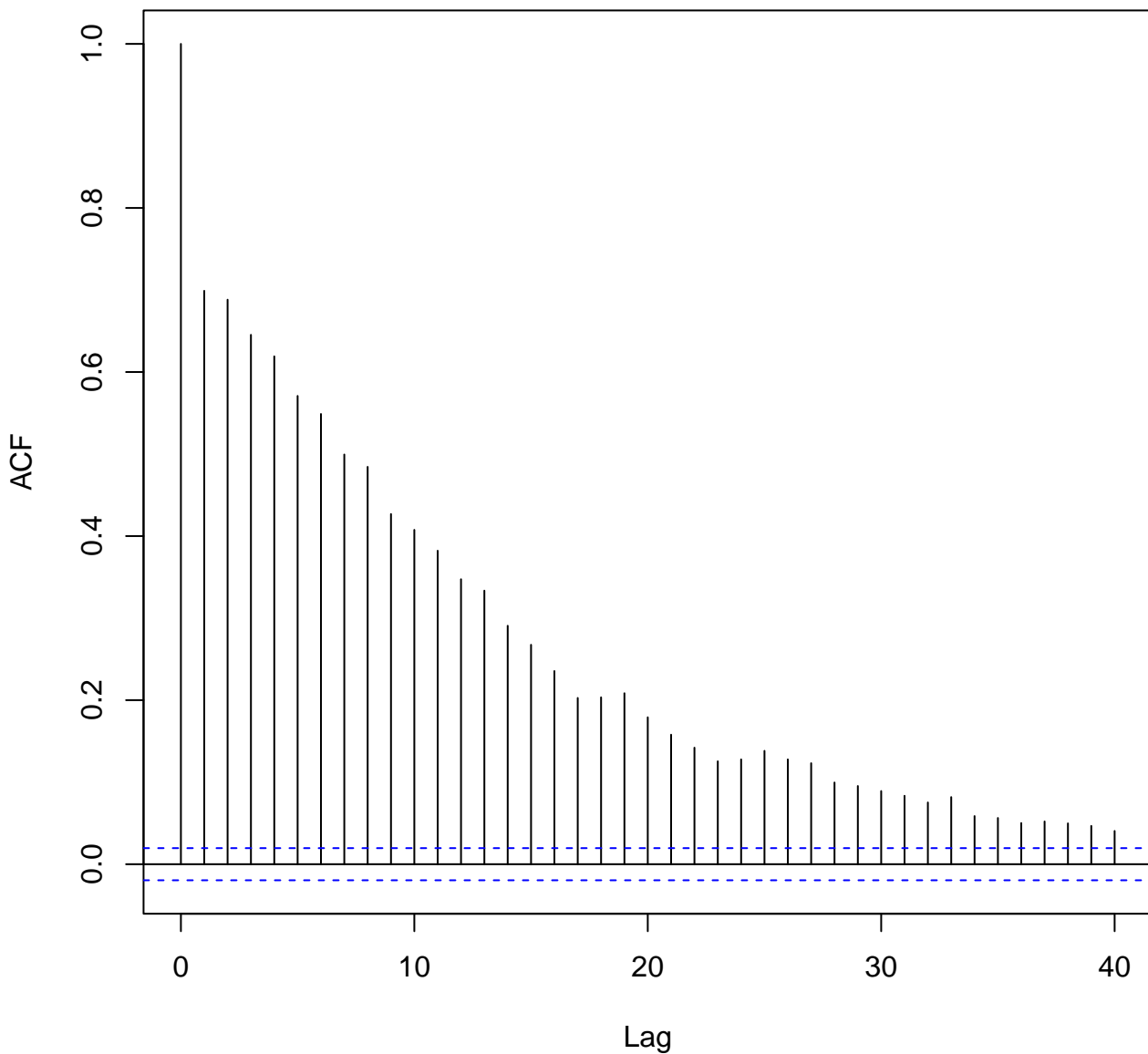
X_49 chain 1



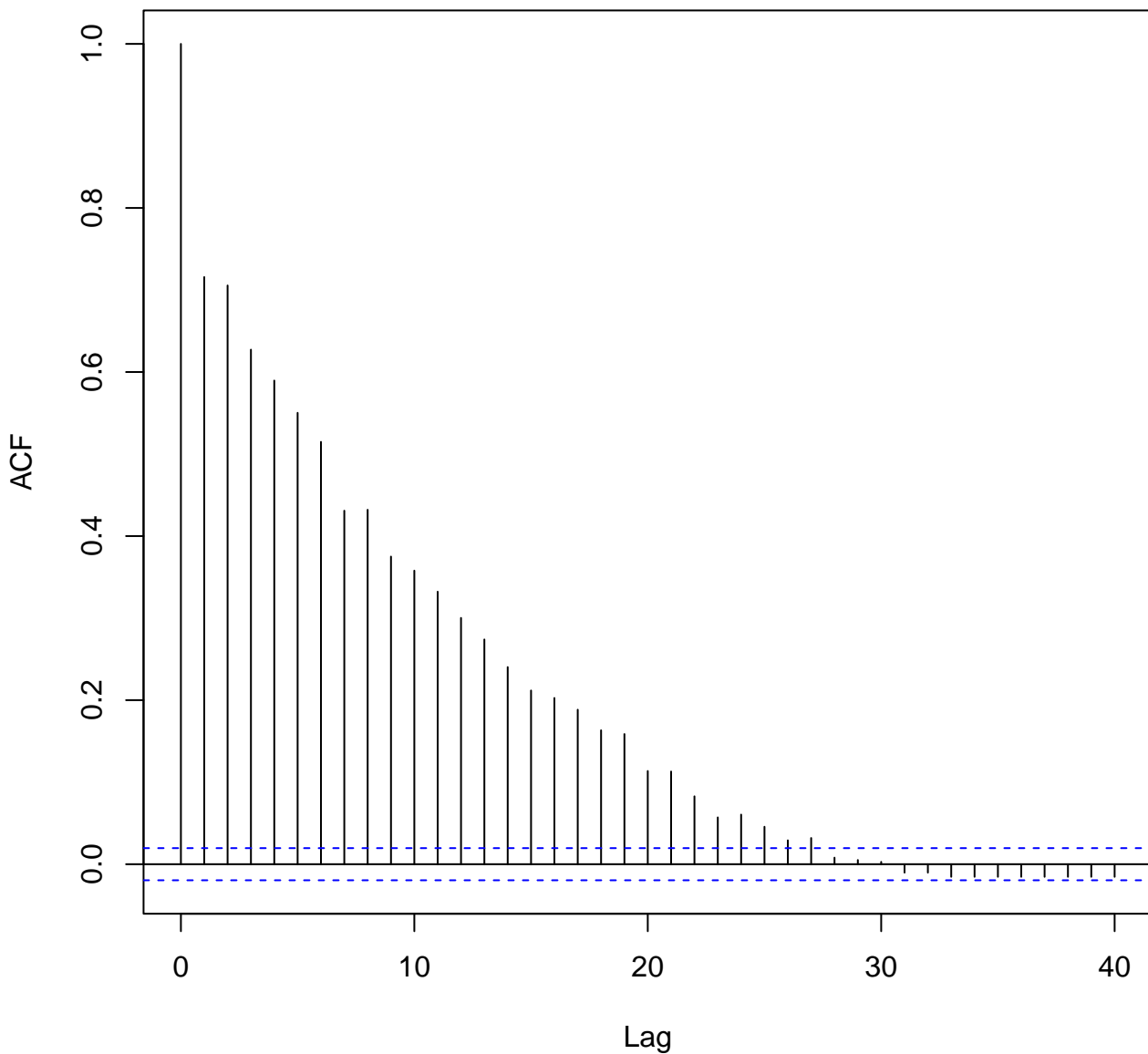
X_49 chain 2



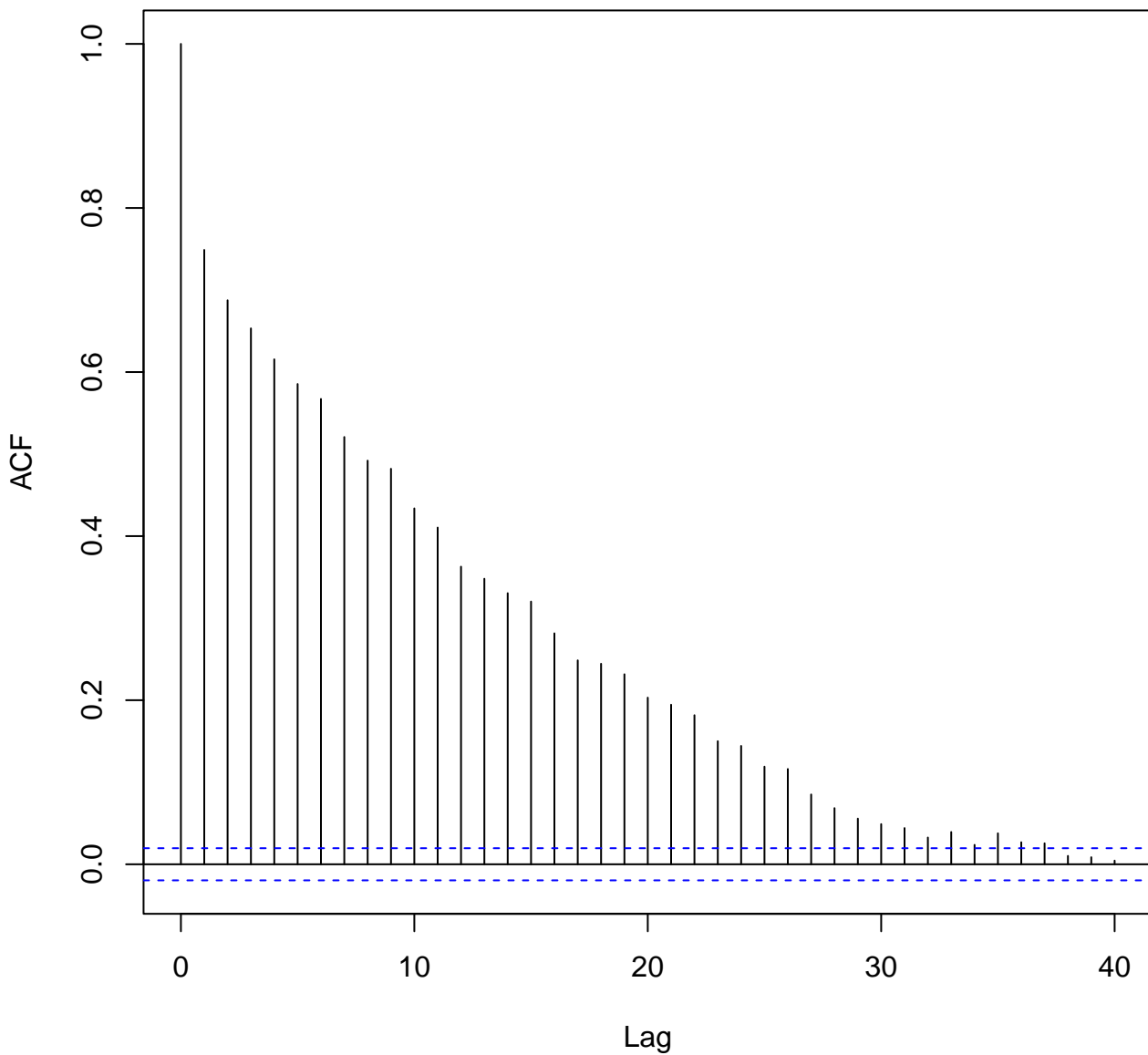
X_49 chain 3



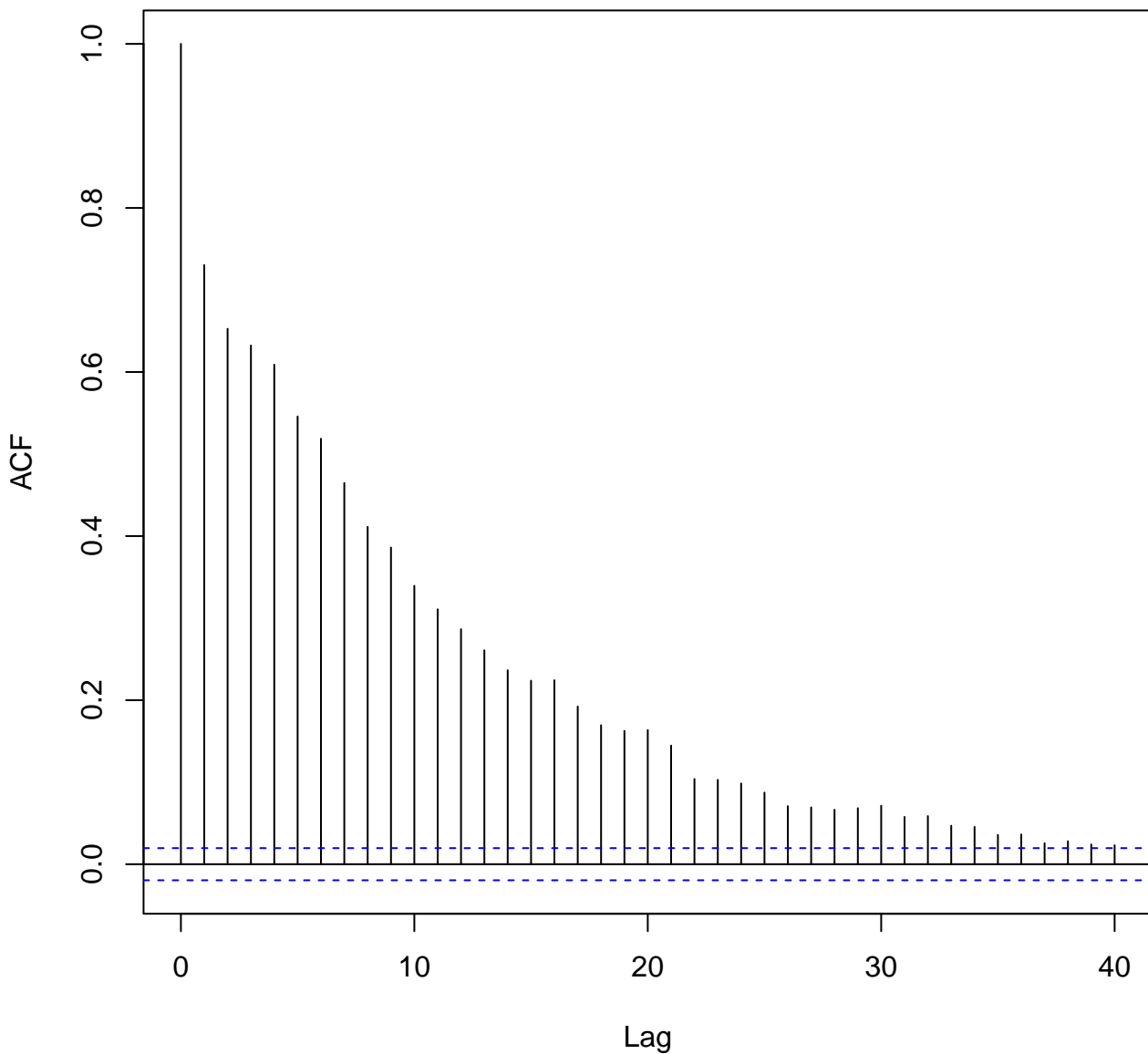
X_49 chain 4



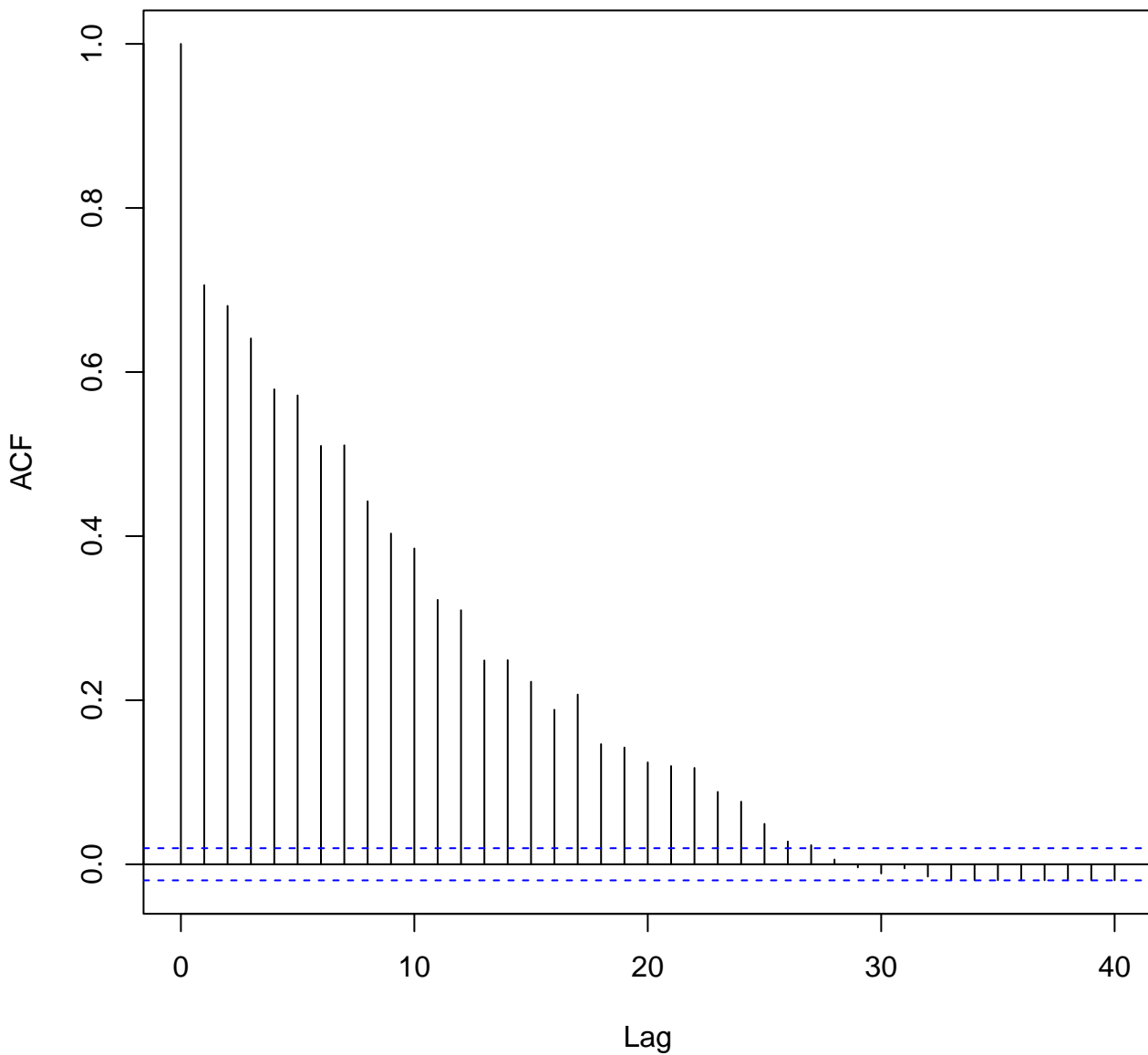
X_49 chain 5



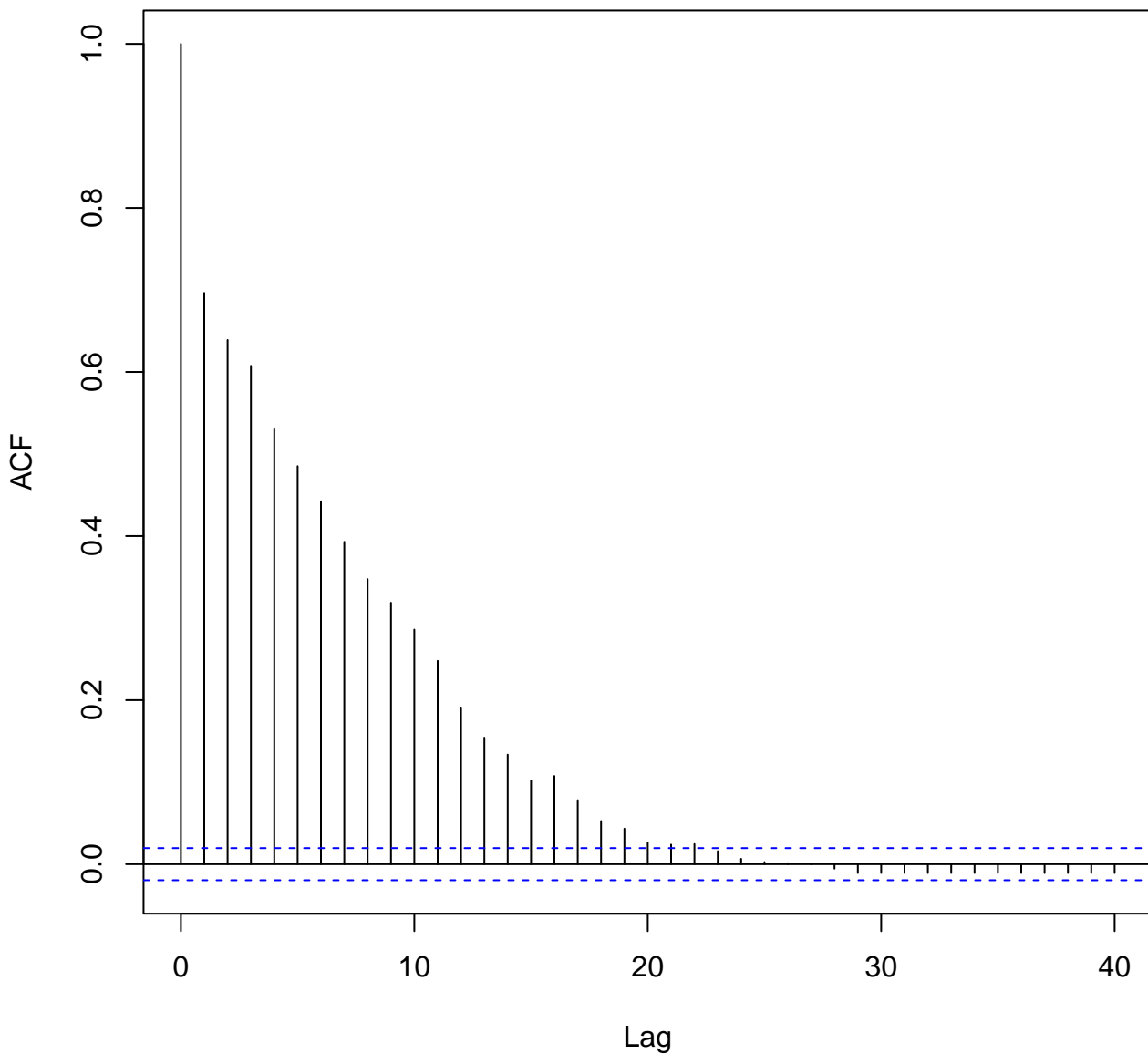
X_49 chain 6



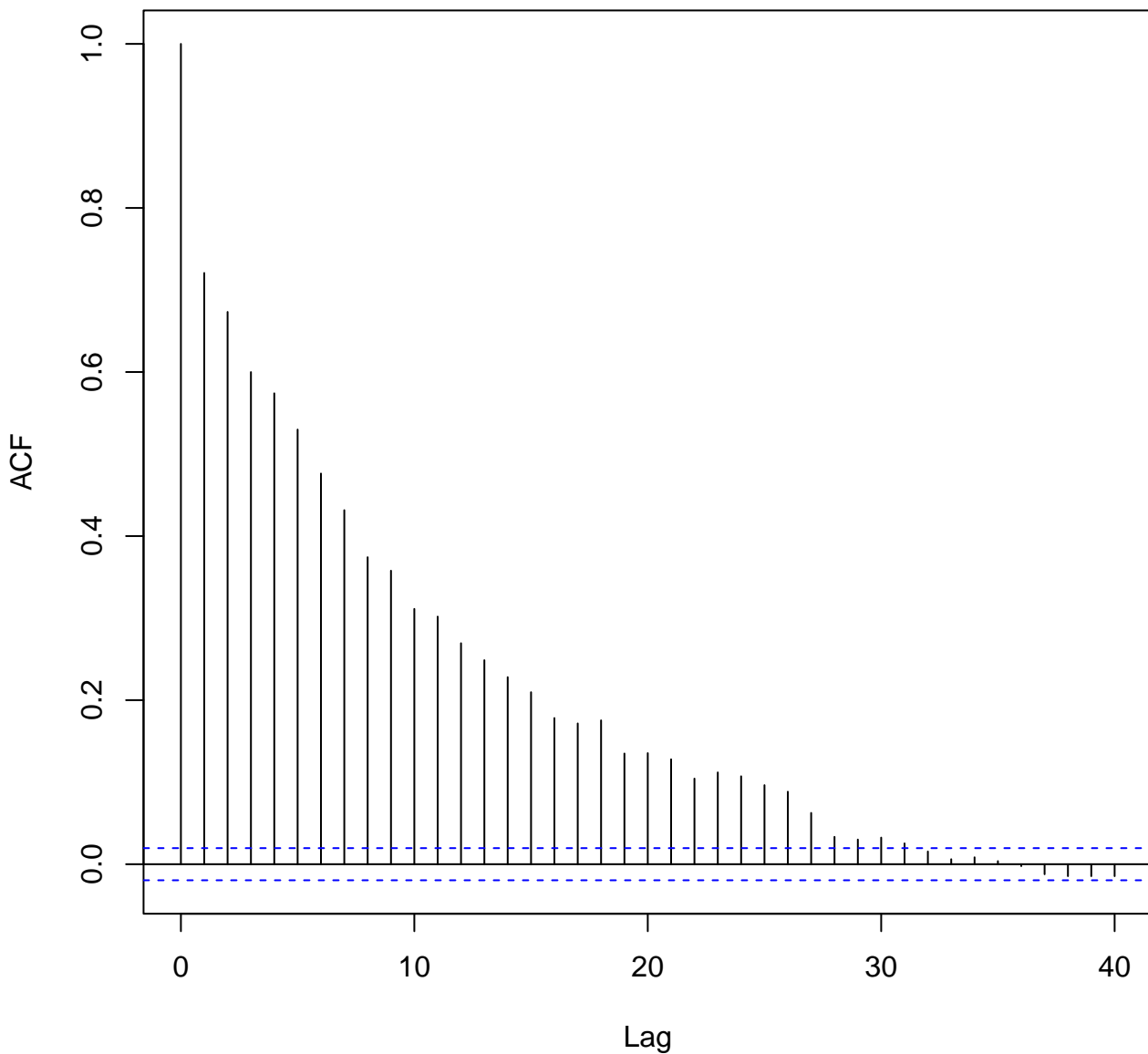
X_50 chain 1



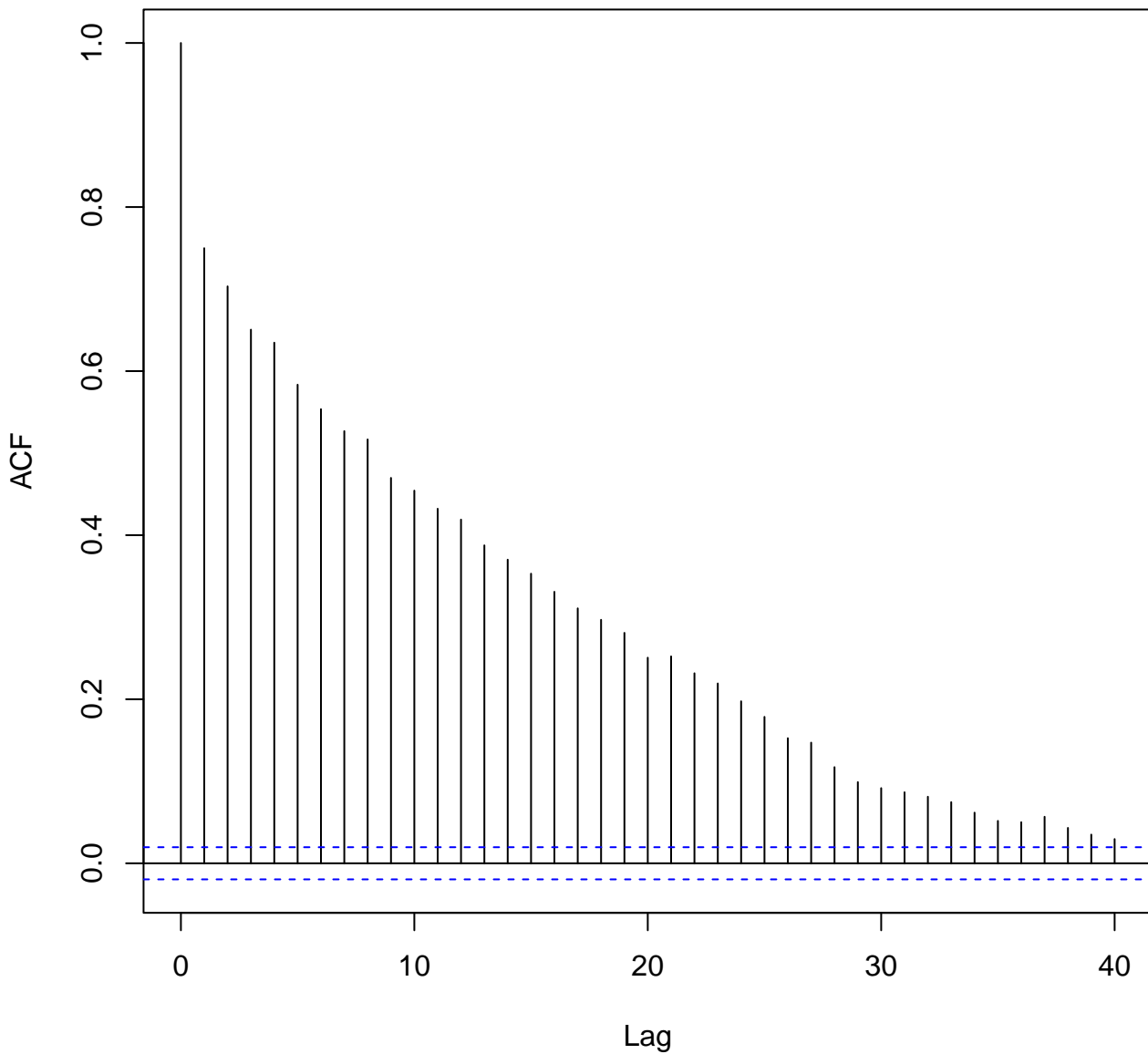
X_50 chain 2



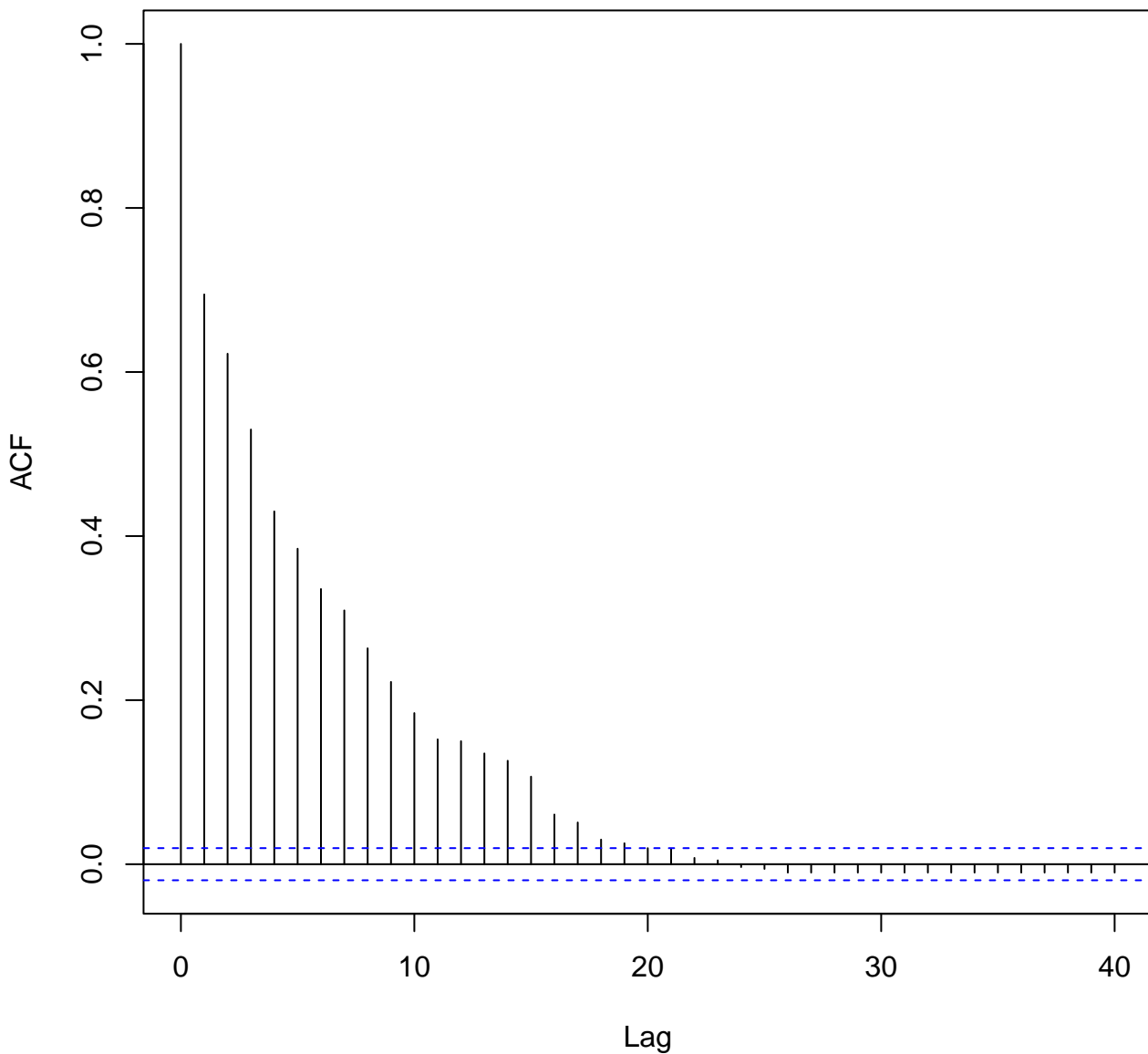
X_50 chain 3



X_50 chain 4



X_50 chain 5



X_50 chain 6

