True Model = GLL

small error ¡————————————————————¿ bigger error

metric used AIC (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0.2	0.4	0	0
GLG	0	0.2	0.5	1.7	1	0	0
LLG	0	0	0	0	0	0	0
GGL	0	0.1	0.8	1.6	0.7	0	0
LGL	0	0	0	0.2	0.2	0	0
GLL	20.5	22.8	21.4	17.5	9.3	1	0
LLL	0	0	0	0	0	0	0

metric used AIC (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0.5	1.4	0.3	0
GLG	0	0.2	0.8	2.9	4.3	2.1	0
LLG	0	0	0	0	0	0	0
GGL	0	0.2	0.5	3	4.2	1	0
LGL	0	0	0	0.2	0.3	0	0
GLL	1.5	16.4	22.4	22.3	11.9	2	0
LLL	0	0	0.2	0	0	0	0

metric used AIC (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0.1	0.3	1.7	2.6	3	0.6
GLG	0	0.4	1.6	4.3	6.5	6.2	0.4
LLG	0	0	0	0.4	0.2	0.4	0
GGL	0	0.4	1.4	3.8	7.6	6.7	0.7
LGL	0	0	0.2	0.4	0.3	0	0
GLL	0	1.1	13.1	20.3	11.8	2.6	0
LLL	0	0	0.2	0.2	0	0	0

metric used AIC (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0.2	0.6	2.1	4.7	5.7	2.9
GLG	0	0.4	1.8	5.1	7.6	9.6	6.7
LLG	0	0	0.1	0.2	0.4	0.5	0
GGL	0.1	0.3	1.2	4.8	8.8	10	5.9
LGL	0	0	0	0.5	0.4	0.4	0
GLL	0	0.2	0.8	5.5	7.9	3.5	0
LLL	0	0	0.2	0.2	0	0	0

metric used AIC (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0.2	1	2.2	2.9	6.3	6.3
GLG	0.1	0.2	1.2	3.2	8.8	12.3	10.1
LLG	0	0	0.2	0.4	0.4	0.5	0
GGL	0.1	0.5	1.4	3.5	7.8	11.2	10.1
LGL	0	0	0.1	0.2	0.5	0.2	0
GLL	0	0	0.2	1.5	4.3	1.5	0
LLL	0.1	0	0	0	0	0	0

metric used GCV (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0.2	0.1	0.1	0	0
GLG	0.3	0.2	0.2	0.4	0.1	0	0
LLG	0	0	0	0	0	0	0
GGL	0.2	0.1	0.5	0.2	0	0	0
LGL	0	0	0.2	0.2	0	0	0
GLL	30.6	27.9	22.1	12.3	3.1	0.1	0
LLL	0	0	0.2	0	0	0	0

metric used GCV (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.2	0.2	0.2	0.3	1	0	0
GLG	0.4	0.6	1.5	2.5	2	0.9	0
LLG	0	0.1	0.5	0.6	0.5	0	0
GGL	0.4	0.5	1.4	2.2	1.8	0.2	0
LGL	0	0	0	0.5	0.2	0	0
GLL	4.1	20.2	26.9	19.8	8.2	0.8	0
LLL	0	0.3	0.6	0.2	0	0	0

metric used GCV (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.3	0.4	1	1.5	2.2	1.7	0.4
GLG	0.5	1	1.9	4.7	5.8	3.6	0.2
LLG	0	0	0.4	0.9	0.4	0.4	0
GGL	0.3	0.9	2.1	4.3	6.1	4.8	0.4
LGL	0	0.2	0.2	0.9	0.4	0.2	0
GLL	0.3	2.4	15.3	20.6	10.3	1.8	0
LLL	0	0.3	0.4	0.2	0	0	0

metric used GCV (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.4	0.8	1.1	2.6	4.4	4.3	2
GLG	0.2	0.8	2.4	5.7	7.2	8.4	5.2
LLG	0	0	0.2	0.5	0.9	0.3	0
GGL	0.6	1	2	5.2	8.1	8.2	4.6
LGL	0	0	0.2	0.8	0.9	0.5	0
GLL	0	0.2	1.6	6.1	8.4	3.3	0
LLL	0	0	0.4	0.3	0	0	0

metric used GCV (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.7	1	1.5	2.2	3	5.5	5
GLG	0.5	0.8	2	3.8	8.8	10.9	8.2
LLG	0	0.1	0.2	0.6	0.5	0.6	0.1
GGL	0.5	1	1.9	4.2	8.2	10	8.3
LGL	0	0.2	0.2	0.3	0.5	0.3	0
GLL	0	0	0.6	1.6	4.9	1	0
LLL	0.1	0	0	0	0	0	0

metric used SCV (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0.2	0	0	0
GLG	0	0	0.2	0.3	0.3	0.1	0
LLG	0	0	0.1	0.4	0.4	0	0
GGL	0	0.2	0.4	0.3	0.3	0	0
LGL	0	0	0	0.4	0.7	0	0
GLL	0.1	3.4	25.2	36.3	20	2.1	0
LLL	0	0.1	0.8	3.4	3.2	0.4	0

metric used SCV (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0.2	0.8	1	0.7	0
GLG	0	0	0.5	1.1	0.8	0.8	0
LLG	0	0	0.2	0.8	1.7	0.4	0
GGL	0	0	0.4	1.2	2	0.4	0
LGL	0	0	0	0.5	2.2	0.3	0
GLL	0	0.2	2.2	18.4	40	9.4	0
LLL	0	0	0	2.1	8.4	1.8	0

metric used SCV (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0.2
LGG	0.1	0.2	0.4	2.1	3.4	1.8	0.1
GLG	0	0	1	2.9	3.7	1.8	0.2
LLG	0	0	0.6	2.7	2.1	0.2	0
GGL	0	0.1	0.9	2.7	3.6	2.5	0
LGL	0	0	0.1	0.3	3.1	2.1	0
GLL	0	0	0.2	4	27.1	19.1	0.2
LLL	0	0	0	0	5.3	4.2	0

metric used SCV (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	1.8
LGG	0	0	1	5.1	6.7	3.8	0.4
GLG	0	1.1	3.8	5.1	4.3	0.6	0
LLG	0	0	0.6	2.8	2.6	0.5	0
GGL	0	0.2	1	3.2	5.8	4.6	0
LGL	0	0	0.4	3.1	3.5	0.8	0
GLL	0	0	2	11.6	17.1	0.5	0
LLL	0	0	0	1	4.3	0.1	0

metric used SCV (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	3
LGG	0	0	1.3	6.3	8.5	5.1	0.5
GLG	0	0.1	1	4.9	6.4	6.5	1
LLG	0	0	0	0.5	2.3	2.4	0.4
GGL	0	0.4	1.4	5.3	5.5	6.4	1.3
LGL	0	0	0	0.6	1.8	3.1	0.4
GLL	0	0	0	1.6	8.1	10.9	0.5
LLL	0	0	0	0.4	2.1	0.1	0

metric used LOOCV (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0.2	0	0	0	0
GLG	0.3	0.4	0.6	0.4	0	0	0
LLG	0	0	0.1	0.2	0	0	0
GGL	0.2	0.2	0.6	0.2	0	0	0
LGL	0	0	0.2	0.2	0	0	0
GLL	28.7	26.1	22.1	13.4	3.6	0.1	0
LLL	0.2	0.2	0.5	0.5	0.1	0	0

metric used LOOCV (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.1	0.3	0.2	0.4	1	0	0
GLG	0.4	0.6	1.2	2.1	1.2	0	0
LLG	0	0.2	0.5	0.6	1	0	0
GGL	0.3	0.6	1.1	1.7	1.1	0	0
LGL	0	0	0	0.5	0.5	0.2	0
GLL	4	19.6	26.9	19.4	8	1.1	0
LLL	0	0.8	1.4	1.2	0.8	0	0

metric used LOOCV (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0.4
LGG	0.2	0.4	0.8	1.2	2.1	1.2	0.1
GLG	0.4	0.9	1.8	3.5	4.1	2.8	0
LLG	0	0	0.6	1	1.1	0.6	0
GGL	0.4	0.6	2.1	3.5	4.5	2.4	0
LGL	0	0.3	0.2	1.1	1	0.6	0
GLL	0.2	2.2	16.4	21.8	11.4	3.8	0
LLL	0	0.1	0.6	1.1	1.3	0.3	0

metric used LOOCV (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	8.8
LGG	0.3	0.6	0.8	1.9	4	3.2	0.4
GLG	0.4	0.9	2.4	4.9	5.8	6.9	1.3
LLG	0	0	0.2	0.8	1.7	0.8	0.2
GGL	0.6	0.5	1.8	4.2	6.8	6.2	1
LGL	0	0	0.1	1.4	1.5	1.3	0.2
GLL	0	0	2.3	7.3	11.4	4.8	0.1
LLL	0	0	0.8	0.5	0.5	0	0

metric used LOOCV (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	20.5
LGG	0.4	0.5	1.1	2	2.3	4.8	0.6
GLG	0.4	0.8	1.8	3.1	6.7	8.9	1.2
LLG	0	0	0.2	0.7	1.1	1.7	0.1
GGL	0.5	1.4	2	3.1	7	7.5	1.5
LGL	0	0.2	0.4	0.4	1.2	1.4	0
GLL	0	0.1	0.5	2.7	6.3	2.5	0.2
LLL	0	0	0.4	0.5	0.6	0	0

metric used B0RMSE (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	5.7
LGG	0	0	0	0	0	0	0
GLG	6.2	3.4	3.4	2.4	2.3	4.3	3.8
LLG	0	0	0	0	0	0	0
GGL	7	3.5	3.6	2.7	3.2	4.5	3.6
LGL	0	0	0	0	0	0	0.2
GLL	9.4	5.8	4.7	5.3	5.1	5.3	4
LLL	0	0	0	0	0	0	0.8

metric used B0RMSE (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	11
LGG	0	0	0	0	0	0	0
GLG	8.1	3.5	4.7	2.7	3.1	4.2	3.5
LLG	0	0	0	0	0	0	0
GGL	7.4	3.3	3.4	2.6	2.9	4.2	3
LGL	0	0	0	0	0	0	0
GLL	9	4.5	4	3.2	3.4	3.6	2.9
LLL	0	0	0	0	0	0	1.5

metric used B0RMSE (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	14.8
LGG	0	0	0	0	0	0	0
GLG	7.3	2.7	2.4	2.8	3	2.9	3.2
LLG	0	0	0	0	0	0	0.5
GGL	7.8	3.2	3	2.2	2.9	3.5	2.4
LGL	0	0	0	0	0	0	0.4
GLL	10.3	4	3.7	3.8	2.6	4	2.2
LLL	0	0	0	0	0	0	3.7

metric used B0RMSE (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	13.2
LGG	0	0	0	0	0	0.2	0.5
GLG	9.2	2.4	3	2.4	2.1	2.9	2.2
LLG	0	0	0	0	0	0	1.1
GGL	8.4	3.1	3.4	3.2	2.8	2.7	2.1
LGL	0	0	0	0	0	0.3	1.2
GLL	11.3	5	2.8	3.2	3.1	2.9	1.1
LLL	0	0	0	0	0	0	3.7

metric used B0RMSE (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	11.3
LGG	0	0	0	0	0	0.2	0.8
GLG	8.6	3.2	2.5	2.2	1.8	2.8	1.8
LLG	0	0	0	0	0	0	2.5
GGL	7.4	3.8	2.4	2.7	2.6	2.4	1.5
LGL	0	0	0	0	0	0.2	2.4
GLL	14.3	5.1	3.8	2.9	2.4	3	1.3
LLL	0	0	0	0	0	0.2	3.6

metric used B1RMSE (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0	0	0	0
GLG	0	0.2	0.2	0.2	0.2	0.2	0.1
LLG	0	0.2	0.6	1.6	1.6	1.4	0.1
GGL	0	0	0	0	0	0	0
LGL	0	0	0	0	0	0	0
GLL	12	22.6	23.2	15.4	9.1	4.2	0.2
LLL	0	0.4	1.5	1.8	1.4	1.1	0.2

metric used B1RMSE (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0.1	0	0.2	0	0	0	0
GLG	0	0	0.2	1.3	1.6	1.4	0.3
LLG	0	0	0.4	2	3.6	4	0.2
GGL	0.2	0	0	0	0	0	0
LGL	0	0	0	0	0	0	0
GLL	0.1	7.7	18.5	20.3	15.2	9.8	1.2
LLL	0	0.1	1.1	2.1	3.9	3.8	0.5

metric used B1RMSE (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0.2
LGG	0.5	0	0	0	0	0	0
GLG	0	0	0	1.8	4.5	5.2	1.9
LLG	0	0	0	1	3.3	6.7	2
GGL	0.3	0.2	0	0.1	0	0	0
LGL	0.8	0.6	0.3	0.2	0.1	0	0
GLL	0	0.1	4.2	14.4	17.9	17.1	2.8
LLL	0	0	0.2	1.4	3.8	4.9	2.5

metric used B1RMSE (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0.8
LGG	1.7	1	0.5	0.6	0.2	0.4	0.2
GLG	0	0	0.1	2	5	9.1	5.2
LLG	0	0	0	1.7	5.3	4.2	
GGL	1.5	0.9	0.4	0.5	0.1	0.4	
LGL	3.3	1.1	0.9	0.6	0.7	0.2	0.2
GLL	0	0	0	2.8	9.4	20.4	6.8
LLL	0	0	0	1.6	5.7	4.4	

metric used B1RMSE (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	1.7
LGG	2.9	1.4	0.5	0.8	0.4	0.4	0
GLG	0	0	0.2	0.5	4.4	12.2	7.7
LLG	0	0	0	0.4	5	7	
GGL	2.8	1.1	0.6	0.4	0.4		
LGL	5	2.4	1.4	1.1	0.7	0.4	0.4
GLL	0	0	0	0.2	4.5	14.8	7.8
LLL	0	0	0	0.4	3.2	5.5	

metric used B2RMSE (panel 1)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0	0	0	0
GLG	0	0	0	0	0	0	0
LLG	0	0	0	0	0	0	0
GGL	0	0.2	0	0.2	0	0	0
LGL	0	0.1	0.2	0.8	1.6	1.5	0.2
GLL	11.9	22.2	25.6	16.1	9	3.3	0.2
LLL	0	0.2	1.2	1.7	1.5	1.2	0.2

metric used B2RMSE (panel 2)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0
LGG	0	0	0	0	0	0	0
GLG	0	0	0	0	0.2	0	0
LLG	0	0	0	0	0	0	0
GGL	0	0	0.5	1.2	1	1.1	0.4
LGL	0	0.2	0.4	2.2	4	3.9	0.7
GLL	0.4	7.6	17	22.2	17.1	8	0.8
LLL	0	0.1	0.8	2.5	3.4	3.4	0.7

metric used B2RMSE (panel 3)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	0.2
LGG	0.8	0.2	0.1	0.2	0.2	0	0
GLG	0.4	0	0	0.4	0.2	0	0.1
LLG	1.1	0.4	0	0.5	0.2	0.3	0.1
GGL	0	0	0.5	2	3.7	4.2	1.4
LGL	0	0	1.2	3.5	6.2	2	
GLL	0	0	4.3	14.9	17.9	16.8	3.8
LLL	0	0	0.2	1.1	4.2	5.5	1.9

metric used B2RMSE (panel 4)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	1.2
LGG	1.7	0.8	0.5	0.5	0.4	0.1	0.1
GLG	2	0.4	0	0.5	0.2	0.4	0.1
LLG	2.1	1.2	0.8	0.4	0.3	0.2	
GGL	0	0.1	1.8	4.6	10.8	4.9	
LGL	0	0.2	2	5.9	5.1		
GLL	0	0.1	2.5	10.3	19.1	7.6	
LLL	0	0	1.4	4.2	4.8		

metric used B2RMSE (panel 5)

model selected	1	2	3	4	5	6	7
GGG	0	0	0	0	0	0	1.5
LGG	3.2	1.1	0.6	0.8	0.4	0.5	0.2
GLG	3.1	1.5	0.9	0.5	0.4	0.4	
LLG	4.9	2.5	1.7	1	0.7	0.4	
GGL	0	0.6	3.6	10.7	8.9		
LGL	0	0.6	4.6	5.9			
GLL	0	0	0.4	4.7	15.4	9.2	
LLL	0	0.2	3.3	4.7			