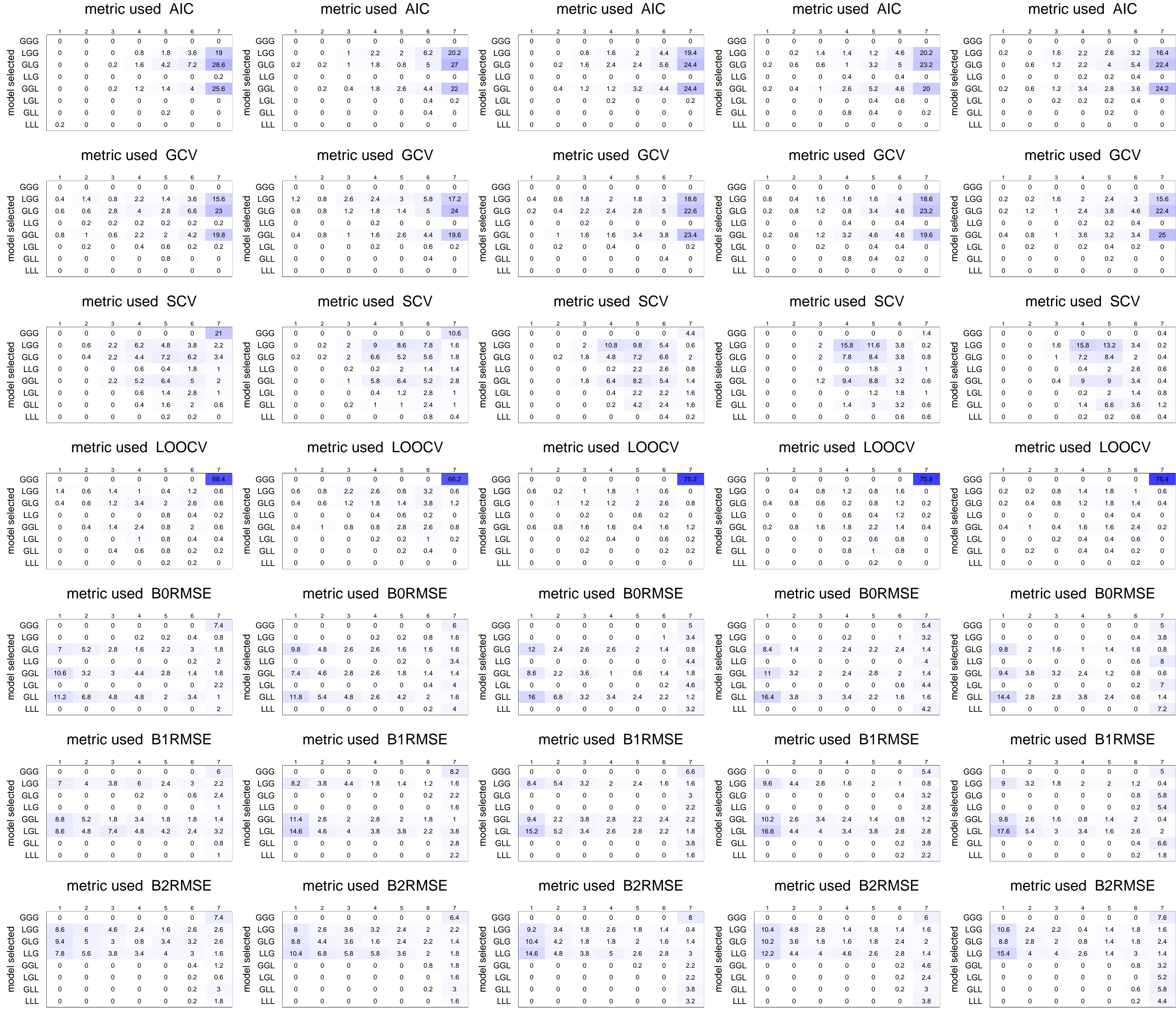


True Model = GGG

smaller sample <-----> bigger sample



True Model = LGG

smaller sample <-----> bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.2
	LGG	2.3	24.7	24	10.9	2.8	1.1	3.8
	GLG	0	0.4	2.2	3.5	2	1.4	5.4
	LLG	0	0	0	0	0	0.1	0
	GGL	0.1	1.3	2.3	3	1.6	1.3	4.9
	LGL	0	0	0	0	0	0.1	0
	GLL	0	0	0	0	0.1	0.1	0
	LLL	0.4	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	46.6	19.6	11	5.4	1.3	0.3	1.4
	GLG	0.1	0.4	1.6	1.8	0.9	0.7	2.5
	LLG	0	0	0	0	0	0.1	0
	GGL	0	0.3	1.8	1.7	0.7	0.4	1.3
	LGL	0	0	0	0	0.1	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	71.5	14.5	6.1	1.3	0.5	0.1	0.1
	GLG	0	1	0.9	0.4	0.3	0	0.2
	LLG	0	0	0.1	0	0	0	0
	GGL	0.1	0.4	1.3	0.2	0.2	0	0.5
	LGL	0	0	0	0.2	0	0	0
	GLL	0	0	0	0.1	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	88.1	7.9	2	0.1	0	0	0
	GLG	0.2	0.3	0.3	0.1	0	0	0
	LLG	0	0	0	0	0	0	0
	GGL	0.3	0.3	0.1	0	0	0.1	0
	LGL	0	0.1	0.1	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	97.4	2.2	0	0	0	0	0
	GLG	0	0	0	0	0	0	0
	LLG	0	0	0	0	0	0	0
	GGL	0	0.1	0	0	0	0	0
	LGL	0.1	0.2	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	47.4	12.8	7	4	0.9	0.7	1.9
	GLG	1.7	1.7	1.7	1.8	0.9	0.8	3.3
	LLG	0.1	0.2	0.1	0.1	0.1	0.1	0
	GGL	1.5	1.6	1.7	1.4	0.9	0.4	3.9
	LGL	0.5	0	0.1	0.1	0.2	0	0
	GLL	0.1	0.1	0	0.2	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	65.2	11.3	5.2	2.3	1	0.2	0.9
	GLG	0.3	1.6	1.2	1.2	0.4	0.8	1
	LLG	0.2	0.5	0.1	0.1	0.1	0.2	0
	GGL	0.6	0.7	1.4	1	0.4	0.5	0.8
	LGL	0.1	0	0	0.2	0.2	0.1	0
	GLL	0	0.2	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	79.4	9.9	3	0.7	0.2	0.1	0
	GLG	0.5	1	0.7	0.3	0.2	0	0.2
	LLG	0	0.2	0.1	0	0	0	0
	GGL	0.5	0.3	1.5	0.1	0.1	0.1	0.5
	LGL	0	0	0.1	0.1	0	0	0
	GLL	0	0.1	0	0.1	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	90.7	5.6	1.4	0.1	0	0	0
	GLG	0.4	0.2	0.2	0	0	0	0
	LLG	0.4	0	0	0	0	0	0
	GGL	0.5	0.1	0.1	0	0	0	0
	LGL	0	0.2	0	0	0	0	0
	GLL	0	0	0.1	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	93.1	1.3	0	0	0	0	0
	GLG	0	0	0	0	0	0	0
	LLG	0.1	0	0	0	0	0	0
	GGL	0.1	0	0	0	0	0	0
	LGL	0.2	0.2	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	4
	LGG	8.4	19.1	22	11.6	3.1	1	0.1
	GLG	0.5	1.1	3.8	3	1.9	0.9	0.4
	LLG	0	0	0.2	0.5	0.3	0.1	0.3
	GGL	0.4	2.4	4	3.9	1.4	0.5	0.2
	LGL	0	0.1	0.4	0.6	0.8	0.8	0.2
	GLL	0	0	0.2	0.9	0.2	0.1	0.1
	LLL	0	0	0.1	0.1	0.2	0	0.1

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.9
	LGG	17.4	22.2	21.5	11.6	2.7	0.4	0.1
	GLG	0	0.8	1.8	4.1	0.9	0.4	0.1
	LLG	0	0	0.1	0.9	0.4	0.2	0.2
	GGL	0.1	0.3	4.4	3.9	0.9	0.4	0
	LGL	0	0.1	0.6	0.5	0.5	0.2	0
	GLL	0	0	0.3	0.6	0.3	0	0
	LLL	0	0	0	0.1	0	0.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.1
	LGG	26.8	17.3	24	14.4	1.6	0	0
	GLG	0	0.3	2.1	2.8	0.3	0.1	0
	LLG	0	0	0.8	0.4	0.2	0	0
	GGL	0	0.6	3.3	1.7	0.2	0	0
	LGL	0	0.1	0.5	0.8	0.3	0.1	0
	GLL	0	0	0.1	0.9	0.2	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	31.4	15.3	24.8	18.6	0.7	0	0
	GLG	0.1	0.2	1.5	0.7	0.1	0	0
	LLG	0	0.2	1.1	0.4	0.2	0	0
	GGL	0	0	1.2	0.4	0.1	0	0
	LGL	0.1	0.2	0.7	0.5	0.1	0	0
	GLL	0	0	0.3	0.7	0.2	0	0
	LLL	0	0	0	0.2	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	30.9	16.3	27.8	16.5	0.3	0	0
	GLG	0	0	0.7	0.2	0	0	0
	LLG	0.1	0.6	0.9	0.6	0	0	0
	GGL	0	0	1	0.4	0	0	0
	LGL	0.1	0.4	0.7	0.9	0	0	0
	GLL	0	0	0.8	0.6	0	0	0
	LLL	0	0	0.1	0.1	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	12.1
	LGG	43.8	14.4	6.5	2.5	0.6	0.3	0
	GLG	1.3	1.9	2.3	1.3	0.7	0	0.2
	LLG	0.1	0.1	0.4	0.3	0	0.2	0
	GGL	1.7	2	1.9	1.3	0.6	0.4	0.1
	LGL	0.1	0.2	0.6	0.3	0.5	0.1	0
	GLL	0.1	0.2	0.3	0.2	0	0.2	0
	LLL	0	0	0	0.1	0.1	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	5.3
	LGG	65	10.9	3.7	1.2	0.3	0.1	0.1
	GLG	0.7	1.3	1.3	1.1	0.2	0.4	0
	LLG	0.2	0.6	0.7	0.2	0.3	0	0
	GGL	1.3	1.2	1.2	0.8	0.3	0.2	0
	LGL	0.1	0	0.3	0.3	0.2	0	0
	GLL	0	0	0.1	0	0	0.1	0
	LLL	0	0	0.1	0	0	0.2	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	1.7
	LGG	79.6	9.1	2.5	0.5	0.1	0	0
	GLG	0.7	0.5	1	0.1	0	0	0
	LLG	0.1	0.3	0.3	0.1	0	0	0
	GGL	0.6	0.6	0.7	0	0.2	0	0
	LGL	0.2	0.1	0.3	0.1	0.1	0	0
	GLL	0	0	0.2	0	0.2	0	0
	LLL	0	0	0.1	0	0	0	0

metric used LOOCV

	1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0
	LGG	90.2	5.2	1.4	0	0	0
	GLG	0.5	0.2	0.2	0	0	0
	LLG	0.6	0.1	0	0	0	0
	GGL	0.3	0.4	0	0	0	0.1
	LGL	0.4	0.2	0.1	0	0	0
	GLL	0	0	0.1	0	0	0
	LLL	0	0	0	0	0	0

True Model = GLG

smaller sample <-----> bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.2	0.8	1.8	5.7	8.1
	GLG	0.1	0.4	4	15.7	15.8	17.8	14.5
	LLG	0	0	0	0	0	0.1	0
	GGL	0	0	0.1	0.8	1.2	3.2	8.6
	LGL	0	0	0	0	0	0.5	0.2
	GLL	0	0	0	0	0.2	0.1	0
	LLL	0.1	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.5	1.4	1.2	4.9	4.7
	GLG	0.1	2.6	11.3	18	17.2	15.2	10.4
	LLG	0	0	0	0.1	0.6	0.8	0.2
	GGL	0	0.2	0	0.6	1.2	3.1	4.5
	LGL	0	0	0	0	0	0.1	0
	GLL	0	0	0	0.5	0.4	0.2	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.1	0.4	0.7	1.6	4.3	2.4
	GLG	0.7	10.9	16.9	16.2	16.3	16	5.4
	LLG	0	0.1	0	0.3	0.2	0.2	0
	GGL	0	0.2	0.2	0.9	1.2	1.9	2.1
	LGL	0	0	0	0.1	0	0.1	0
	GLL	0	0	0.1	0	0.2	0.3	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.3	0.7	0.7	1.5	2.6	1.4
	GLG	9.2	12.4	18.6	17.2	13.9	11.9	2.8
	LLG	0	0.1	0.1	0.6	0	0.5	0
	GGL	0	0	0.3	0.4	0.3	1.2	1.6
	LGL	0	0	0.1	0	0	0	0.1
	GLL	0	0.1	0.5	0.5	0.1	0.3	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.1	0.6	0.7	0.9	1.6	0.6
	GLG	16.2	18.4	17	14.2	15.5	7	1
	LLG	0	0	0.1	0.6	0.8	0.2	0
	GGL	0	0	0.4	0.5	0.5	1	0.3
	LGL	0	0	0.1	0	0	0.1	0
	GLL	0	0.1	0.4	0.1	0.5	0.3	0
	LLL	0	0	0.1	0	0	0.1	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.9	1.2	1.2	1.3	2.5	4.7	5.4
	GLG	2.5	6	8.3	13.7	12.2	12.3	10.4
	LLG	0.1	0	0.1	0.7	0.4	0.1	0
	GGL	0.4	0.5	1	1	1.5	2.4	6.5
	LGL	0	0.1	0.2	0.3	0.5	0.4	0.1
	GLL	0	0.2	0	0.3	0.3	0.2	0
	LLL	0	0	0	0	0	0.1	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.2	0.5	1.1	1.2	2.1	3.7	3.8
	GLG	2.5	8.3	11.6	14.4	14.3	12.9	8.6
	LLG	0	0	0.1	0.9	0.7	0.8	0.2
	GGL	0.1	0.3	0.6	1	1.6	2	4
	LGL	0	0	0	0.1	0	0.4	0
	GLL	0	0.3	0.1	0.8	0.5	0.1	0
	LLL	0	0	0	0	0.1	0.1	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.4	0.5	0.2	0.7	2	3.9	2.1
	GLG	4.4	12.2	16.2	15.6	13.8	14.1	4.5
	LLG	0	0.1	0.3	0.3	0.2	0.3	0
	GGL	0.1	0.4	0.6	0.8	1	1.7	1.8
	LGL	0	0	0.1	0	0.1	0.1	0
	GLL	0	0	0.4	0.6	0.1	0.4	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.1	0.3	0.7	0.9	1.4	2.3	1.3
	GLG	11.7	13.5	15.8	17.1	12.5	10.9	2.9
	LLG	0.3	0.1	0.7	0.5	0.4	0.4	0
	GGL	0.1	0	0.2	0.4	0.3	1.2	1.6
	LGL	0	0	0.1	0	0	0.1	0.1
	GLL	0	0.2	0.9	0.4	0.2	0.3	0
	LLL	0	0	0	0.1	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.1	0.7	0.6	0.9	1.5	0.4
	GLG	18.5	16.8	17.3	13.8	14.6	6.7	1.1
	LLG	0	0.2	0.2	0.7	0.6	0.2	0
	GGL	0.1	0.1	0.3	0.5	0.6	0.9	0.3
	LGL	0	0	0.2	0	0	0.1	0
	GLL	0.1	0.2	0.5	0.1	0.7	0.2	0
	LLL	0	0	0.1	0	0	0.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	6.3
	LGG	0.1	0.1	1.5	4.9	5.4	4.3	0.7
	GLG	0.1	0.9	4.7	12.6	14.7	12.5	1.9
	LLG	0	0	0.1	1.2	1.7	2.6	0.1
	GGL	0.1	0.2	1.2	2.1	3	3.6	0.9
	LGL	0	0	0	0.2	1.6	1.5	0.5
	GLL	0	0	0.5	1.9	2.9	2	0.5
	LLL	0	0	0	0	0.3	0.5	0.1

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	2
	LGG	0	0.1	0.4	4.5	6.3	2.1	0.3
	GLG	0.1	1.3	5	16.5	18.5	11.5	1.2
	LLG	0	0	0	1.4	3.5	1.8	0.4
	GGL	0	0	0.7	2.4	2.4	2.2	0.7
	LGL	0	0	0	0.3	0.7	1.2	0.3
	GLL	0	0	0.7	2.7	4.6	2.9	0.3
	LLL	0	0	0	0	0.6	0.3	0.1

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.3
	LGG	0	0.1	0.4	4.5	5.7	2.8	0.3
	GLG	0	0.6	6	16.3	18.2	12.3	0.7
	LLG	0	0	0.5	2.3	5.6	2.9	0.3
	GGL	0	0	0.4	1.5	2	1.4	0.4
	LGL	0	0	0	0	0.5	0.4	0.1
	GLL	0	0.1	0.4	2	6.3	3.6	0.3
	LLL	0	0	0	0.1	0.5	0.2	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.8	3.9	3.9	2	0
	GLG	0	1	5.6	11.2	19.5	10	0.1
	LLG	0	0	0.1	2.4	7.6	3.9	0.1
	GGL	0	0	0.1	1	1.9	0.5	0.2
	LGL	0	0	0	0	0.8	0.3	0
	GLL	0	0	0.3	3.9	11.8	5.4	0.3
	LLL	0	0	0	0	0.7	0.7	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0	2.5	3.3	0.6	0
	GLG	0	1.3	4.4	9.1	20	9.5	0
	LLG	0	0	0.4	2.9	10.2	4.7	0.1
	GGL	0	0	0.3	1.2	0.6	0.1	0
	LGL	0	0	0	0	0.9	0	0
	GLL	0	0.1	0.9	3.4	13.6	7.2	0
	LLL	0	0	0	0.1	1.9	0.6	0.1

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	23.9
	LGG	0.7	0.8	0.7	0.6	2.1	3.6	1.2
	GLG	2	4.9	9.4	12.4	10.6	8.5	0.9
	LLG	0	0.1	1.1	0.9	1.2	1	0
	GGL	0.6	0.4	0.6	1.2	1.1	2.2	0.5
	LGL	0	0.3	0.5	0.8	0.8	0.7	0
	GLL	0	0	0.1	1.6	1.2	0.5	0
	LLL	0	0	0	0	0	0.2	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	15.9
	LGG	0	0.6	0.7	0.9	1.6	2.5	0.5
	GLG	3.5	6	12.3	14.5	11	9.5	2
	LLG	0	0.2	0.9	1.7	1.9	1.5	0.1
	GGL	0.3	0.2	0.3	1.4	1.7	1.4	0.4
	LGL	0	0.1	0	0.3	0.2	0.6	0.2
	GLL	0.1	0.2	0.4	1.1	1.4	0.9	0
	LLL	0	0	0.4	0.2	0.1	0.3	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	9.4
	LGG	0.4	0.2	0.4	0.7	1.7	3.1	0.4
	GLG	4.7	13.1	13.6	13	12.2	12	1
	LLG	0.1	0.2	1	0.6	1.6	1.1	0.2
	GGL	0.1	0.4	0.6	0.8	0.8	1	0.4
	LGL	0	0	0	0.3	0.1	0.4	0
	GLL	0	0.3	0.9	1.3	0.5	0.9	0
	LLL	0	0	0	0.2	0.2	0.1	0

True Model = LLG

smaller sample <-----> bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	2.5	20.2	25.7	9.2	3.1	1.5	3.5
	GLG	0	1.4	4.2	3.9	3.5	2.7	6.2
	LLG	0	0	0	0	0	0	0
	GGL	0	0.4	1.9	2.4	1.8	1.5	4.2
	LGL	0	0	0	0	0	0	0
	GLL	0	0	0	0	0	0.1	0
	LLL	0.3	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	44.5	20.8	12.3	4.5	1.4	0.7	0.4
	GLG	0.2	1.3	2.1	2.4	1.6	1	1.8
	LLG	0	0.2	0	0	0	0	0
	GGL	0	0.4	0.9	1.5	0.6	0.4	0.7
	LGL	0	0	0	0	0	0	0
	GLL	0	0	0	0	0.1	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	65.8	15.3	5.5	1.5	0.2	0.1	0.2
	GLG	0.3	1.2	1.8	0.4	0.7	0.2	0.2
	LLG	4	0.3	0	0	0	0	0
	GGL	0	0.6	0.5	0.4	0.2	0	0.2
	LGL	0	0	0	0.1	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	70.2	7.2	1.8	0.1	0	0	0
	GLG	0.3	1.2	0.4	0.1	0.1	0	0
	LLG	17	0.4	0.1	0	0	0	0
	GGL	0	0.5	0.2	0	0	0	0
	LGL	0	0	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	56.4	2.2	0	0	0	0	0
	GLG	0.2	0.2	0	0	0	0	0
	LLG	40.1	0.8	0	0	0	0	0
	GGL	0	0	0	0	0	0	0
	LGL	0	0	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	40.8	16	8	3.2	0.6	1.1	1.6
	GLG	2.5	2.6	2.3	2.4	1.9	1.5	2.9
	LLG	0.4	0.6	0.2	0.2	0.2	0	0
	GGL	1.4	1.4	1.8	1.5	0.9	0.8	1.8
	LGL	0.1	0.3	0.2	0.2	0	0.2	0
	GLL	0	0.2	0	0.2	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	61	11.9	6.2	2.1	0.6	0.2	0.4
	GLG	0.7	1.2	1.8	1.6	1.3	0.4	1.3
	LLG	3.6	0.4	0.2	0	0.2	0	0
	GGL	0.4	0.7	1.1	1	0.3	0.4	0.4
	LGL	0	0	0.2	0	0	0.1	0
	GLL	0	0	0.2	0	0.1	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	69.4	8.4	3.1	0.9	0.2	0	0.1
	GLG	0.7	1.4	1.1	0.5	0.4	0.2	0
	LLG	9.8	0.6	0.2	0.1	0	0	0
	GGL	0.4	0.5	0.4	0.4	0.1	0	0.1
	LGL	0.2	0	0.2	0	0	0	0
	GLL	0	0.1	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	68	4.2	1	0.1	0	0	0
	GLG	0.7	0.8	0.4	0.1	0.1	0	0
	LLG	22.8	0.5	0	0	0	0	0
	GGL	0.2	0.4	0	0	0	0	0
	LGL	0.2	0.2	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0.1	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	54.5	1.1	0	0	0	0	0
	GLG	0.2	0.2	0	0	0	0	0
	LLG	43.1	0.6	0	0	0	0	0
	GGL	0	0	0	0	0	0	0
	LGL	0.2	0	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	3.1
	LGG	6.3	17.9	20.1	8.6	4.1	0.9	0.3
	GLG	0.8	3.3	5.4	4.5	2.6	1	0.2
	LLG	0	0.3	1	0.8	1	0.6	0.1
	GGL	0.4	1.5	3.5	3	1.7	0.5	0.3
	LGL	0	0	0.4	0.8	0.4	0.5	0.2
	GLL	0	0.1	0.3	0.8	1.6	0.4	0
	LLL	0	0	0	0	0.1	0.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.4
	LGG	14.3	21.6	19.1	11.2	2.3	0.4	0
	GLG	0.4	2.4	5.5	4.7	2	0.4	0.2
	LLG	0.2	0.8	1	1	0.6	0.2	0
	GGL	0.2	0.8	2.5	2.7	0.6	0.1	0.1
	LGL	0	0	0	0.5	0.4	0	0
	GLL	0	0.1	0.6	1.2	0.5	0.4	0.2
	LLL	0	0	0	0.1	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	22.2	15.7	20.7	12.1	1.2	0.1	0
	GLG	0.1	1.5	4.8	3.4	1	0.2	0
	LLG	1.2	4	2.5	0.8	0.4	0	0
	GGL	0	0.2	2.2	1.5	0.2	0	0
	LGL	0	0.2	0.4	0.6	0.2	0	0
	GLL	0	0.4	0.9	1	0.2	0.2	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	22.6	11.6	20	12.3	0.9	0	0
	GLG	0.2	0.7	3.6	2.4	0.1	0	0
	LLG	7.8	5.5	3.8	1.8	0.2	0	0
	GGL	0	0	0.6	0.9	0.2	0	0
	LGL	0	0	0.4	0.3	0	0	0
	GLL	0	0.5	2.1	1.2	0.2	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	13.6	8.2	17	11.2	0.2	0	0
	GLG	0	0.2	2.1	1.4	0	0	0
	LLG	17.8	9.9	6.7	3.2	0	0	0
	GGL	0	0	0.3	0.2	0	0	0
	LGL	0	0.1	0.7	1	0	0	0
	GLL	0	0.2	3.3	2.1	0	0	0
	LLL	0	0	0.4	0.1	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	10.1
	LGG	40	15.3	6.2	2.4	0.5	0.4	0.3
	GLG	2.8	3.6	2.7	2	1	1.1	0.3
	LLG	0.2	0.4	0.8	0.8	0.3	0.3	0
	GGL	1.3	1.6	1.5	1.1	0.4	0.4	0
	LGL	0	0.2	0.3	0.4	0.2	0.1	0
	GLL	0	0.2	0.3	0.4	0.2	0	0
	LLL	0	0	0	0.1	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	3.5
	LGG	62.7	10.1	5	1.1	0.5	0.1	0
	GLG	1.2	2.4	1.6	1	0.9	0.3	0
	LLG	1.2	0.8	0.6	0.2	0.2	0	0
	GGL	1	0.8	1.1	1	0.2	0.2	0.1
	LGL	0.1	0.4	0.3	0.2	0.2	0	0
	GLL	0	0	0.4	0	0.2	0.1	0
	LLL	0	0	0	0	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.4
	LGG	70.3	7.6	2.8	0.8	0.2	0	0
	GLG	1.2	1.4	1.4	0.3	0.3	0.2	0
	LLG	8.3	1.1	0.6	0.1	0	0	0
	GGL	0.4	0.6	0.4	0.1	0.2	0	0
	LGL	0.2	0.2	0.1	0	0	0	0
	GLL	0	0.2	0.2	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used LOOCV

	1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0
	LGG	67	3.8	0.8	0.1	0	0
	GLG	1.1	0.8	0.4	0.1	0	0
	LLG	23.1	0.7	0.2	0	0	0
	GGL	0.4	0.4	0.1	0	0	0
	LGL	0.2	0.4	0	0	0	0
	GLL	0	0.2	0.1	0	0	0
	LLL	0	0	0	0	0	0



True Model = GGL

smaller sample <-----> bigger sample

metric used AIC

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	0	
	LGG	0	0	0.1	0.6	1.8	4.4	7.6
	GLG	0	0	0.2	0.8	2.1	3	8.1
	LLG	0	0	0	0	0	0.1	0
	GGL	0	0.6	4.3	13.3	16.8	19.3	16.3
	LGL	0	0	0	0	0.1	0.1	0.2
	GLL	0	0	0	0	0	0	0
	LLL	0.2	0	0	0	0	0	0

metric used AIC

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	0	
	LGG	0	0.1	0.4	1.1	2.3	2.8	4.1
	GLG	0	0.1	0.3	0.8	1.5	3	4.8
	LLG	0	0	0	0	0	0.1	0
	GGL	0.2	3.4	11.5	19	15.1	17.6	10.1
	LGL	0	0	0	0.2	0.3	0.6	0
	GLL	0	0	0	0.2	0.1	0.2	0.1
	LLL	0	0	0	0	0	0	0

metric used AIC

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.3	0.8	1.9	4.2	2.8
	GLG	0	0.2	0.5	1	1.2	2.2	2.6
	LLG	0	0	0	0	0.1	0	0
	GGL	1.2	11.3	16.9	16.8	13.6	15.4	5.4
	LGL	0	0	0.1	0.1	0.4	0.2	0
	GLL	0	0	0	0.1	0.2	0.5	0
	LLL	0	0	0	0	0	0	0

metric used AIC

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	0	
	LGG	0.1	0.2	0.3	1	1.6	1.5	1.2
	GLG	0	0.2	0.2	0.6	0.5	1.7	0.9
	LLG	0	0	0	0	0	0.2	0
	GGL	9.4	13.6	17.8	16.8	15.6	10.8	2.7
	LGL	0	0.2	0.4	0.8	0.2	0.4	0
	GLL	0	0	0.2	0.1	0.4	0.4	0
	LLL	0	0	0	0	0	0	0

metric used AIC

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	0
	LGG	0.2	0.3	0.2	0.5	1.3	1.1	0.3
	GLG	0	0.1	0	0.1	0.2	0.6	0.3
	LLG	0	0	0	0	0.1	0	0
	GGL	17.7	17.7	16.9	14.9	14.9	8.5	1.3
	LGL	0	0.4	0.2	0.3	0.2	0.1	0
	GLL	0	0	0.5	0.3	0.6	0.1	0
	LLL	0	0	0	0	0	0.1	0

metric used GCV

model selected	1	2	3	4	5	6	7	
	GGG	0	0	0	0	0	0	
	LGG	0.8	0.7	0.8	1.5	1.9	3.8	5.2
	GLG	0.6	0.7	0.8	1.6	1.6	2.2	5.9
	LLG	0	0	0.2	0	0.5	0.3	0
	GGL	3.5	4.3	9	13	13.7	12.6	11.1
	LGL	0	0.1	0.3	0.6	0.4	0.3	0
	GLL	0.2	0	0.1	0.5	0.6	0.3	0.1
	LLL	0	0.1	0	0.1	0	0	0

metric used GCV

model selected	1	2	3	4	5	6	7	
	GGG	0	0	0	0	0	0	
	LGG	0.3	0.4	0.9	1.4	1.8	2.3	3
	GLG	0.2	0.4	1.2	0.8	1.8	2.4	4.5
	LLG	0	0	0	0	0	0.2	0
	GGL	3.4	7.4	13.7	15.8	11.9	14.5	7.9
	LGL	0.1	0	0.2	1	0.8	0.3	0
	GLL	0.1	0	0.2	0.3	0.4	0.3	0.1
	LLL	0	0	0	0	0	0	0

metric used GCV

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	0
	LGG	0.4	0.3	0.2	1.3	1.8	4	2.3
	GLG	0.2	0.5	0.7	0.6	1.1	2.1	2.4
	LLG	0	0	0	0	0.2	0	0
	GGL	4.9	11.7	16.8	15	12.1	13.5	4.8
	LGL	0.1	0.2	0.3	0.1	0.4	0.2	0
	GLL	0	0.2	0.4	0.2	0.3	0.6	0
	LLL	0	0	0	0.1	0	0	0

metric used GCV

model selected	1	2	3	4	5	6	7	
	GGG	0	0	0	0	0	0	
	LGG	0.2	0.3	0.3	1	1.5	1.4	1.2
	GLG	0	0.3	0.5	0.5	0.6	1.4	0.9
	LLG	0	0	0.1	0	0.1	0.1	0
	GGL	11.8	14.8	16.4	15.8	14.5	10	2.6
	LGL	0.2	0.1	0.8	0.6	0.3	0.3	0
	GLL	0.1	0.1	0.2	0.2	0.3	0.4	0
	LLL	0	0	0	0.1	0	0	0

metric used GCV

model selected	1	2	3	4	5	6	7	
	GGG	0	0	0	0	0	0	
	LGG	0.2	0.3	0.2	0.5	1.3	1.2	0.3
	GLG	0	0.1	0	0.1	0.3	0.6	0.3
	LLG	0	0	0	0	0.1	0	0
	GGL	20.4	16.3	16.2	14.8	14.2	7.6	1.5
	LGL	0	0.5	0.2	0.5	0.2	0.2	0
	GLL	0.1	0.1	0.5	0.5	0.6	0	0
	LLL	0	0	0	0	0	0.1	0

metric used SCV

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	6.4	
	LGG	0	0.2	1.3	3.8	5.3	5.1	0.8
	GLG	0	0.2	1.2	3.1	2.7	2.6	0.6
	LLG	0	0	0	0.3	0.8	1	0.5
	GGL	0.1	2.4	6.6	11.6	14.4	10.5	2.3
	LGL	0	0	0.5	0.7	2.5	2.5	0.6
	GLL	0	0	0.3	1.5	3.7	2.2	0.9
	LLL	0	0	0	0	0.2	0.5	0.1

metric used SCV

	1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	2.4
	LGG	0	0.1	1.1	3.5	5.8	4.1
	GLG	0	0	0.6	2.2	2.1	1.4
	LLG	0	0	0	0.2	1	0.8
	GGL	0.2	1.6	5.5	14.8	18.1	11.8
	LGL	0	0.1	0.2	1	4.1	2.1
	GLL	0	0	0.3	2.2	5.3	3.5
	LLL	0	0	0	0.1	0.9	0.5
		0					0

metric used SCV

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	0	0.2
	LGG	0	0	1	4.7	5.6	2.9	0
	GLG	0	0.1	1.1	2.3	1.8	0.8	0.4
	LLG	0	0	0	0.3	0.6	1	0.1
	GGL	0.1	1.5	6.7	15.5	15.7	11	0.3
	LGL	0	0	0.2	2.6	4.7	2	0.3
	GLL	0	0	0.5	2.3	7.9	3.9	0.3
	LLL	0	0	0	0	0.8	0.7	0.1

metric used SCV

	1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0
	LGG	0	0	0.3	2.8	4.1	1.2
	GLG	0	0	0.4	1.2	1.1	0.3
	LLG	0	0	0	0.2	0.9	0.4
	GGL	0.1	1.2	6	14	19.4	9.6
	LGL	0	0	0.3	1.5	7.7	4.1
	GLL	0	0	0.3	3.3	12	4.8
	LLL	0	0	0	0.2	1.3	0.8
		0					0

metric used SCV

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.1	2.6	2.2	0.2	0
	GLG	0	0	0.1	0.4	0.1	0.1	0
	LLG	0	0	0	0	0.1	1	0
	GGL	0	1.2	4.5	9.9	18.7	11.6	0.1
	LGL	0	0	0.6	2.9	9.5	5.4	0.1
	GLL	0	0	0.6	4.3	14.4	5.8	0.1
	LLL	0	0	0	0.2	1.7	1.5	0

metric used LOOCV

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	22.1
	LGG	0.7	0.7	0.6	1.7	1.5	2.7	0.8
	GLG	0.6	0.3	1.2	1.3	1.1	2.4	0.5
	LLG	0	0	0.2	0.4	1	0.8	0
	GGL	2.1	5.2	10	10.4	12.1	7.3	2.1
	LGL	0	0	0.7	1.3	1.1	1.1	0.4
	GLL	0	0.1	0.7	1.4	1.4	0.9	0.1
	LLL	0	0	0	0.5	0.3	0.2	0

metric used LOOCV

	1	2	3	4	5	6	7	
model selected	GGG	0	0	0	0	0	16.1	
	LGG	0.2	0.4	1.5	1.3	1.7	1.8	0.2
	GLG	0	0.1	1	1.2	1.4	2	1.1
	LLG	0	0	0.1	0.3	0	0.6	0
	GGL	2.6	7.3	12.4	14.2	10.6	11.1	1.3
	LGL	0	0.1	0.6	1.1	2	0.6	0
	GLL	0	0.3	0.4	1.5	1.3	0.8	0.1
	LLL	0	0	0	0.2	0.2	0.3	0

True Model = LGL

smaller sample <-----> bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	2.1	19.2	28	8.2	2.9	1.8	3.6
	GLG	0	0.4	2.2	2.1	2.1	1.4	3.6
	LLG	0	0	0	0	0	0	0
	GGL	0	1.2	4	4.3	2.8	2.6	6.7
	LGL	0	0	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0.3	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	44.2	20.8	12.7	3.9	1.1	0.5	0.7
	GLG	0	0.4	1.1	1.7	0.4	0.3	1.1
	LLG	0	0	0	0	0	0	0
	GGL	0.2	1.3	2.6	2.4	1.1	1.1	2
	LGL	0	0.1	0	0	0	0.2	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	65.5	14.5	4.9	1.2	0.4	0	0.2
	GLG	0	0.5	0.5	0.4	0.2	0	0.1
	LLG	0	0	0	0	0	0	0
	GGL	0.3	1.4	1.8	1.1	0.6	0.4	0.2
	LGL	4.7	0.5	0.1	0	0.2	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	70.6	8.1	1.5	0.1	0	0	0
	GLG	0	0	0	0	0	0	0
	LLG	0	0	0	0	0	0	0
	GGL	0.4	1.1	0.7	0	0	0	0
	LGL	16.6	0.4	0.2	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	56.8	2.4	0	0	0	0	0
	GLG	0	0	0	0	0	0	0
	LLG	0	0	0	0	0	0	0
	GGL	0.2	0.2	0	0	0	0	0
	LGL	39.6	0.7	0	0	0	0	0
	GLL	0	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	40.7	16.8	7.4	2.7	1	0.6	1.8
	GLG	1.3	1.8	2.1	1.5	0.8	0.7	1.8
	LLG	0.2	0.2	0.4	0.1	0	0	0
	GGL	2.1	2.8	2.1	1.6	1.7	1.5	3.3
	LGL	0.7	0.8	0.3	0.2	0	0.2	0
	GLL	0.1	0	0.2	0.4	0	0.2	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	61.1	12.4	5.2	2.2	0.5	0.4	0.4
	GLG	0.4	0.9	1.1	1.1	0.4	0.3	0.6
	LLG	0.2	0.1	0	0	0	0	0
	GGL	1	2	1.6	1.6	0.7	0.4	1.5
	LGL	2.6	0.4	0.2	0	0.2	0	0
	GLL	0	0.2	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	69.2	8.6	2.7	0.8	0.3	0	0.1
	GLG	0.3	0.4	0.4	0.4	0.2	0	0
	LLG	0.2	0	0	0.1	0	0	0
	GGL	0.8	1.6	1.1	1	0.5	0.2	0.1
	LGL	9.6	0.4	0.3	0.2	0.2	0	0
	GLL	0	0.2	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	66.6	4.8	0.9	0.1	0	0	0
	GLG	0.1	0	0	0	0	0	0
	LLG	0	0.2	0	0	0	0	0
	GGL	0.7	1.1	0.4	0	0	0	0
	LGL	23.8	0.8	0.1	0	0	0	0
	GLL	0	0.2	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	54.2	1.4	0	0	0	0	0
	GLG	0	0	0	0	0	0	0
	LLG	0.2	0	0	0	0	0	0
	GGL	0.4	0.2	0	0	0	0	0
	LGL	43	0.5	0	0	0	0	0
	GLL	0.1	0	0	0	0	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	3.1
	LGG	7.9	14.6	21.9	11.1	3.2	1.4	0.2
	GLG	0.4	1.1	3.5	3.5	1.5	0.6	0.1
	LLG	0	0	0.3	0.8	0.4	0.2	0.2
	GGL	0.5	3.8	5.3	3.9	2.2	1.4	0.4
	LGL	0	0.3	0.8	1.4	0.5	0.3	0.3
	GLL	0	0	0.4	0.7	0.8	0.4	0
	LLL	0	0	0	0.1	0	0.2	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.3
	LGG	13.7	21.1	21.4	12.8	3.3	0.4	0
	GLG	0	0.6	2	3	0.6	0.1	0.1
	LLG	0	0	0.2	0.6	0.2	0.1	0.2
	GGL	0.5	2.4	4.8	3.8	1.5	0.5	0
	LGL	0	0.8	1.1	1.1	0.2	0.1	0.1
	GLL	0	0.1	0.4	0.8	0.5	0.2	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	21.6	16.7	20.9	11.1	1.1	0.1	0
	GLG	0	0.2	1.8	1.7	0.3	0	0
	LLG	0	0	0.4	0.5	0.2	0	0
	GGL	0.2	1.2	4.5	2.7	1.1	0.2	0
	LGL	1.7	4.2	2.9	1.6	0.4	0	0
	GLL	0	0.4	0.7	1.1	0.3	0	0
	LLL	0	0	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	22.1	11	20.6	12.6	0.2	0	0
	GLG	0	0	0.7	0.6	0.1	0	0
	LLG	0	0.1	0.7	0.5	0	0	0
	GGL	0.2	0.5	2.5	2.5	0.1	0	0
	LGL	8.3	6.3	3.7	2	0.5	0	0
	GLL	0	0.2	1.8	1.2	0.2	0	0
	LLL	0	0.1	0	0.2	0.1	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	13.7	8.2	19.1	11.8	0.1	0	0
	GLG	0	0	0.1	0.2	0	0	0
	LLG	0	0	0.5	0.5	0.1	0	0
	GGL	0	0	1.7	1.5	0	0	0
	LGL	18	9.2	6	2.8	0	0	0
	GLL	0	0.2	3.7	1.8	0	0	0
	LLL	0	0.2	0.2	0.2	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	9.8
	LGG	41	15.1	6.6	2	0.8	0.2	0.2
	GLG	1.4	1.8	1.8	1.7	0.5	0.5	0.1
	LLG	0	0.3	0.5	0.2	0.2	0.1	0
	GGL	2.8	3.2	2.9	1.1	1	0.6	0.2
	LGL	0	0.7	0.8	0.5	0.3	0.3	0
	GLL	0	0.2	0.2	0.2	0.1	0.2	0
	LLL	0	0	0	0.1	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	4
	LGG	62.6	10.7	4.1	1.9	0.3	0.2	0
	GLG	0.7	1.5	1.2	0.4	0.4	0	0
	LLG	0.1	0.4	0.2	0.2	0	0	0
	GGL	1.6	2.5	1.7	1.2	0.6	0.4	0
	LGL	0.8	0.7	0.4	0.2	0.2	0.1	0
	GLL	0	0.2	0	0.2	0	0	0
	LLL	0	0	0	0	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.8
	LGG	69.8	7.6	2.7	0.4	0.2	0	0
	GLG	0.3	0.6	0.2	0.2	0.2	0	0
	LLG	0.2	0.2	0.2	0.2	0	0	0
	GGL	1.1	1.5	1.4	0.7	0.3	0.2	0
	LGL	8.9	0.5	0.3	0.1	0.2	0	0
	GLL	0.2	0.2	0.2	0.2	0	0	0
	LLL	0	0	0	0	0	0	0

metric used LOOCV

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	0
	LGG	67.4	4.5	0.6	0.1	0	0	0
	GLG	0.2	0	0	0	0	0	0
	LLG	0	0.2	0.1	0	0	0	0
	GGL	0.8	1.2	0.3	0	0	0	0
	LGL	22.9	0.9	0.2	0	0	0	0
	GLL	0	0.1	0.2	0	0	0	0
	LLL	0	0	0	0	0	0	0

True Model = GLL

smaller sample <-----> bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0	1.5	3.6	5.2	5.7
	GLG	0	0.1	0.5	4.2	7.5	10.3	9.6
	LLG	0	0	0	0	0.2	0.2	0
	GGL	0	0	1.2	3.6	8.2	9.2	9.1
	LGL	0	0	0	0	0.4	0.2	0
	GLL	0	0	0.1	4.5	11.2	3.5	0.1
	LLL	0.2	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.6	1.8	2.9	4.2	2.8
	GLG	0	0.2	1.4	3.5	6.5	8.2	4.9
	LLG	0	0	0	0.2	0.4	0.4	0
	GGL	0	0.2	0.8	3.6	5.8	9.4	4.8
	LGL	0	0	0	0	0.2	0.2	0
	GLL	0	0	6.6	17.6	10.4	2.2	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.3	0.3	1.2	2.5	3.6	1.1
	GLG	0	0.3	1.4	3.7	5.5	6.2	2.6
	LLG	0	0	0	0.2	0.4	0.5	0
	GGL	0.1	0.3	1	3.1	6	6	2.1
	LGL	0	0	0	0.5	0.2	0.4	0
	GLL	0	5.9	17.6	17	8	1.8	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.1	0.2	0.6	1.1	2.3	1.8	0.2
	GLG	0	0.4	1.2	3.1	4.4	4	0.2
	LLG	0	0	0.2	0.6	0.4	0	0
	GGL	0.1	0.8	1.2	3.4	5.2	3.6	0.5
	LGL	0	0	0.2	0.4	0.8	0.2	0
	GLL	4.9	16.7	17.8	14	7.1	1.6	0
	LLL	0	0	0	0.2	0.2	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.4	1.1	0.8	0.5	0
	GLG	0	0.3	1.6	2.8	4.2	1.4	0
	LLG	0	0	0	0.3	0.4	0.2	0
	GGL	0	0.2	1	2.9	3.8	0.6	0.2
	LGL	0	0	0.2	0.4	0.5	0	0
	GLL	17.2	17.9	15.9	14.1	8.6	1.4	0
	LLL	0	0	0.2	0.3	0.2	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.8	1	1.3	1.8	3.3	3.5	3.8
	GLG	1.1	1.1	2.1	4.3	5.3	6.8	6.8
	LLG	0	0	0.2	0.5	0.6	0.2	0
	GGL	1	1.5	2.5	3.7	5.1	6.4	6.9
	LGL	0.1	0.1	0.2	0.8	0.4	0.3	0
	GLL	0.6	1.8	5.3	10.2	6.9	1.5	0
	LLL	0	0	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.3	0.4	1.1	1.7	2.4	3.1	2.2
	GLG	0.3	0.8	2.3	3.5	5	6.6	4.2
	LLG	0	0.1	0.3	0.4	0.6	0.5	0
	GGL	0.2	0.5	1.6	3.4	5.1	8	4.1
	LGL	0	0	0.2	0.3	0.3	0.2	0
	GLL	1	4.6	13.9	11.9	6.9	1.6	0
	LLL	0	0	0.2	0.2	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.4	0.5	0.7	1.1	2.1	2.7	1
	GLG	0.2	0.6	1.1	3.5	5.1	5.5	2.5
	LLG	0	0	0.4	0.8	0.4	0.4	0
	GGL	0.4	0.6	1.3	3	5.3	4.9	1.7
	LGL	0	0.1	0.2	0.6	0.2	0.4	0
	GLL	2.5	12.6	15.8	12.2	6.6	1.5	0
	LLL	0	0	0.3	0.2	0.2	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0.2	0.4	0.4	1.2	2.1	1.6	0.2
	GLG	0.2	0.5	1.1	2.9	4.5	3.6	0.2
	LLG	0	0.2	0.3	0.6	0.4	0	0
	GGL	0.2	0.6	1.5	3.2	5	3.3	0.4
	LGL	0	0.1	0.2	0.5	0.8	0.2	0
	GLL	10.7	15.3	15.4	12.8	6.6	1.5	0
	LLL	0	0.2	0.2	0.4	0.2	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0.1	0.4	1	0.8	0.5	0
	GLG	0.1	0.5	1.2	2.8	4	1.4	0
	LLG	0	0	0.1	0.3	0.4	0.2	0
	GGL	0.2	0.2	1.1	2.8	3.6	0.7	0.2
	LGL	0	0.1	0.2	0.5	0.4	0	0
	GLL	20.2	16.4	16	13.2	8	1	0
	LLL	0	0.2	0.4	0.4	0.2	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	4
	LGG	0.1	0.4	1.1	3.8	6.3	4.1	0.5
	GLG	0	0.2	1.8	4.5	5.9	4.3	1.2
	LLG	0	0	0.2	0.7	2.2	1.7	0.4
	GGL	0	0.8	2.4	3.9	5.4	4.2	1.6
	LGL	0	0	0.2	1	2.6	2	0.4
	GLL	0	0.4	2.2	8	11.6	6.8	0.6
	LLL	0	0	0.1	0.2	1.2	0.7	0.1

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.8
	LGG	0.1	0	0.9	3.7	4.5	3	0.4
	GLG	0	0.2	1.4	3.9	5.1	3.5	0.5
	LLG	0	0	0.1	0.8	2.2	1.8	0.4
	GGL	0	0	0.9	3.6	5.1	4.9	0.7
	LGL	0	0	0	0.5	1.7	1.8	0.2
	GLL	0	0.5	4	12.6	17.1	9	0.3
	LLL	0	0	0	0.6	1.8	1.1	0.1

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.6	3.3	4.1	2.7	0.1
	GLG	0	0	0.5	2.5	3.3	2.8	0.2
	LLG	0	0	0	0.8	2.3	1.4	0.3
	GGL	0	0	0.5	2.5	3.2	2.5	0
	LGL	0	0	0	0.6	2.1	1.8	0.2
	GLL	0	0.5	5.9	15	22.1	11.1	0.3
	LLL	0	0	0.2	1.3	3	2.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0.2	2.7	3.4	1.2	0
	GLG	0	0	0.2	1.5	2.1	1.6	0
	LLG	0	0	0	0.4	1.7	1.4	0
	GGL	0	0	0.2	2.1	2	1.6	0.1
	LGL	0	0	0	0.2	2.3	2	0
	GLL	0	1.1	6.9	14.8	25.9	15.1	0
	LLL	0	0	0.4	1.3	4.9	2.9	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	0	0	0	1	1.5	0.4	0
	GLG	0	0	0	0.8	1	1.4	0
	LLG	0	0	0	0.2	1.6	1.2	0
	GGL	0	0	0	0.8	1.4	0.7	0
	LGL	0	0	0	0	2.1	1.7	0
	GLL	0	1	8.8	11.7	30.1	16.7	0
	LLL	0	0.1	0.2	2.2	7.3	5.9	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	15.6
	LGG	0.6	0.8	1	1.9	2.9	2.5	0.6
	GLG	0.8	1.5	2.6	3.8	4	4.8	0.9
	LLG	0	0.1	0.4	1.2	1.5	0.7	0.2
	GGL	0.6	1.3	2.5	3.1	4.4	4.6	0.8
	LGL	0	0.2	0.2	1.1	1.1	1.4	0.1
	GLL	0	1.5	5	10.6	8.4	2.8	0.2
	LLL	0	0	0.2	0.5	0.5	0.4	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	9.2
	LGG	0.2	0.4	0.9	1.4	2.1	2.3	0.3
	GLG	0.4	0.6	2	3.3	3.5	5.1	1.1
	LLG	0	0.2	0.4	0.8	1.1	0.8	0
	GGL	0.4	0.8	1.8	3.1	4.5	5.2	1.2
	LGL	0	0.1	0.1	0.5	0.9	0.7	0
	GLL	0.4	3.7	14.1	13.8	7.2	2.9	0
	LLL	0	0	0.4	0.8	0.9	0.4	0

metric used LOOCV

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	4
	LGG	0.2	0.3	0.5	0.7	1.8	2.8	0.2
	GLG	0.3	0.5	1.1	3	3.8	4.8	0.5
	LLG	0	0	0.3	0.6	1	1	0.1
	GGL	0.4	0.8	1.5	2.2	3.8	3.8	0.4
	LGL	0	0.2	0.2	0.8	0.8	0.8	0
	GLL	2.1	11.5	17.1	12.8	7.7	2.8	0.1
	LLL	0	0.1	0.9	0.8	0.8	0.2	0

## True Model = LLL

smaller sample &lt;-----

-----&gt; bigger sample

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	1.6	18	25	9.3	3.5	2	2.5
	GLG	0	0.9	3.6	3.6	3.3	2.4	4.4
	LLG	0	0	0	0	0	0.1	0
	GGL	0.1	1.2	3.5	3.5	2.9	2.8	4.9
	LGL	0	0	0	0	0	0.1	0
	GLL	0	0	0	0	0.1	0.1	0
	LLL	0.3	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	41.1	23	12.4	4.1	1	0.5	0.4
	GLG	0.1	1.2	1.8	2.1	1.2	1.2	1.1
	LLG	0	0	0.1	0.1	0	0.1	0
	GGL	0.1	0.8	2.1	1.6	1.3	0.8	1
	LGL	0	0	0	0.1	0.1	0	0
	GLL	0	0	0.2	0	0.1	0	0
	LLL	0	0	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	63.5	14.9	4.8	1	0.4	0.1	0
	GLG	0.2	1.1	1.5	0.8	0.3	0.2	0
	LLG	2.9	0.4	0.1	0.1	0	0	0
	GGL	0.2	0.7	1.3	0.9	0.4	0.1	0
	LGL	2.8	0.2	0.1	0	0	0	0
	GLL	0	0.2	0	0.1	0.1	0	0
	LLL	0	0.2	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	61.9	7	1.2	0	0	0	0
	GLG	0.4	0.8	0.5	0	0	0	0
	LLG	9.4	0.3	0.2	0.1	0	0	0
	GGL	0.3	0.6	0.4	0.1	0	0	0
	LGL	9.9	0.3	0.1	0	0	0	0
	GLL	0.1	0.2	0.2	0	0	0	0
	LLL	5.6	0.2	0	0	0	0	0

metric used AIC

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	43	2.4	0	0	0	0	0
	GLG	0.3	0.1	0	0	0	0	0
	LLG	13.1	0.4	0	0	0	0	0
	GGL	0.1	0.2	0	0	0	0	0
	LGL	13.2	0.6	0	0	0	0	0
	GLL	0.3	0.4	0.1	0	0	0	0
	LLL	25.7	0.1	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	39	15.1	6.6	3.1	1.5	1.1	1.1
	GLG	2.4	1.9	2.2	1.7	1.8	1.1	2.4
	LLG	0.5	0.6	0.3	0.4	0.2	0.1	0
	GGL	2.2	2.3	2.1	1.8	1.2	1.4	2.6
	LGL	0.3	0.5	0.4	0.4	0.2	0.1	0
	GLL	0.3	0.5	0.3	0.1	0.1	0.2	0
	LLL	0	0	0	0.1	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	58.5	12.4	5.3	1.7	0.5	0.2	0.3
	GLG	0.7	1.4	1.6	1.1	0.7	0.8	0.6
	LLG	2.2	0.5	0.3	0.2	0.1	0.1	0
	GGL	0.7	1.4	1.6	1.2	0.6	0.6	0.7
	LGL	1.6	0.7	0.2	0.2	0	0	0
	GLL	0.3	0.3	0.2	0	0.1	0.1	0
	LLL	0.1	0.1	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	62.7	8.7	2.5	0.6	0.3	0	0
	GLG	0.7	1.3	1	0.6	0.2	0.1	0
	LLG	6.2	0.4	0.3	0	0	0	0
	GGL	0.5	1	1	0.5	0.3	0.1	0
	LGL	6.2	0.3	0.1	0.1	0	0	0
	GLL	0.2	0.1	0.2	0.2	0	0	0
	LLL	3.1	0.2	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	55	4.6	0.7	0	0	0	0
	GLG	0.6	0.6	0.3	0	0	0	0
	LLG	11.5	0.5	0.2	0	0	0	0
	GGL	0.4	0.6	0.2	0	0	0	0
	LGL	12.4	0.4	0.2	0	0	0	0
	GLL	0.2	0.3	0.2	0	0	0	0
	LLL	10.8	0.1	0	0	0	0	0

metric used GCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	39.9	1.4	0	0	0	0	0
	GLG	0.4	0.1	0	0	0	0	0
	LLG	13.7	0.3	0	0	0	0	0
	GGL	0.1	0.2	0	0	0	0	0
	LGL	13.8	0.5	0	0	0	0	0
	GLL	0.5	0.3	0	0	0	0	0
	LLL	28.7	0.1	0	0	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	2.3
	LGG	6	14.6	20	10.8	3.3	1.1	0.3
	GLG	0.5	2.4	4.7	4.4	1.8	1.2	0.4
	LLG	0	0.2	0.7	1.1	0.8	0.5	0.2
	GGL	0.7	2.4	4.2	4	2.4	1	0.2
	LGL	0	0	0.6	1	0.7	0.5	0.2
	GLL	0	0.1	0.9	1.6	0.9	0.6	0.2
	LLL	0	0	0	0.1	0.2	0.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.2
	LGG	11.1	20.3	19.6	11.1	2.7	0.3	0
	GLG	0.3	1.4	4.4	3	1	0.3	0.1
	LLG	0	0.7	1.6	1.2	0.4	0.2	0
	GGL	0.4	1.7	4.3	3	1.4	0.5	0.2
	LGL	0	0.4	1.1	0.8	0.5	0.3	0
	GLL	0	0.5	1.7	1.7	0.9	0.2	0.1
	LLL	0	0	0.2	0.2	0	0.1	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	17.6	15.1	18.8	11.3	1.1	0.1	0
	GLG	0.2	0.8	2.8	2.4	0.7	0.1	0
	LLG	0.6	2.8	2	0.9	0.3	0.1	0
	GGL	0.1	0.7	2.4	1.9	0.3	0	0
	LGL	0.4	2.8	1.9	0.9	0.4	0	0
	GLL	0.4	2.7	2.7	2.3	1	0.1	0
	LLL	0	0.6	0.4	0.1	0	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	17.9	8.2	16.4	10.3	0.6	0	0
	GLG	0	0.2	1.5	1.2	0.1	0	0
	LLG	3.8	2.8	2.5	1.5	0.2	0	0
	GGL	0	0.1	1.8	0.9	0.2	0	0
	LGL	3.9	3.2	2.8	1.4	0.2	0	0
	GLL	0.6	2.4	5	3	0.5	0	0
	LLL	3.1	2.6	0.8	0.3	0.1	0	0

metric used SCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0
	LGG	7.9	4.4	14.7	8.2	0.1	0	0
	GLG	0	0	1	0.5	0	0	0
	LLG	5.8	3.5	3.4	2.2	0.1	0	0
	GGL	0	0	0.6	0.5	0	0	0
	LGL	6.4	3.5	3.6	1.6	0.1	0	0
	GLL	0.4	1.6	6.3	3.7	0.2	0	0
	LLL	11.4	5.5	2.1	0.4	0.1	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	8
	LGG	37.8	15.4	6.1	2.4	1	0.5	0.2
	GLG	2.1	2.9	2.5	1.7	0.9	0.8	0.2
	LLG	0	0.4	0.7	0.5	0.4	0.1	0
	GGL	2.3	2.9	2.2	1.5	1	1	0.2
	LGL	0	0.2	0.6	0.8	0.4	0.2	0
	GLL	0	0.3	0.6	0.5	0.3	0.1	0.1
	LLL	0	0	0.1	0.2	0	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	2.1
	LGG	60.4	10.9	4.4	1.5	0.3	0.2	0
	GLG	1.4	1.7	1.4	1.1	0.6	0.4	0
	LLG	0.8	0.9	0.6	0.2	0.1	0	0
	GGL	1.4	1.5	1.6	0.8	0.6	0.5	0.1
	LGL	0.7	0.6	0.4	0.5	0.2	0	0
	GLL	0.2	0.5	0.4	0.2	0.2	0	0
	LLL	0	0.2	0.1	0	0.1	0	0

metric used LOOCV

model selected		1	2	3	4	5	6	7
	GGG	0	0	0	0	0	0	0.2
	LGG	64.8	8.1	2	0.5	0.2	0	0
	GLG	0.8	1.2	1.1	0.4	0.2	0.1	0
	LLG	5.9	0.6	0.4	0.2	0	0	0
	GGL	0.8	1.1	0.8	0.3	0.2	0	0
	LGL	5.2	0.6	0.2	0.2	0	0	0
	GLL	0.7	0.2	0.2	0.2	0.1	0	0
	LLL	1.8	0.2	0.1	0	0	0	0

metric used LOOCV

		1	2	3	4	5	6	7
model selected	GGG	0	0	0	0	0	0	0
	LGG	54.9	3.9	0.6	0	0	0	0
	GLG	0.6	0.6	0.2	0	0	0	0
	LLG	12.1	0.7	0.2	0	0	0	0
	GGL	0.4	0.5	0.2	0	0	0	0
	LGL	11.9	0.8	0.2	0	0	0	0
	GLL	0.4	0.3	0.2	0.1	0	0	0
	LLL	10.3	0.2	0.1	0.1	0	0	0