		Without noise									With noise								
		GLLiM			dGLLiM			jGLLiM			GLLiM			dGLLiM			jGLLiM		
$x \to \cos(10x)$	F	41.8	14.0	777.1	56.8	**1.6**	4028.6	47.2	10.9	2756.2	10.2	4.5	1175.9	**3.6**	1.9	32.1	4.8	2.8	35.3
L,D = 1,1	Me	44.3	34.7	38.6	**28.6**	31.1	15.9	31.2	**27.5**	21.9	29.9	29.7	19.4	29.0	29.9	18.3	30.1	28.7	19.9
K = 100	Mo	2.8	0.2	12.6	0.6	**0.0**	1.9	0.7	0.1	3.3	0.4	0.1	0.9	**0.2**	0.1	1.0	0.2	0.1	0.6
N = 1000	Y	7.8	3.7	44.2	37.2	**0.8**	2165.5	6.2	3.1	52.0	5.1	3.5	34.9	**3.3**	1.7	39.2	4.5	2.4	41.1
Local = None	Yb	0.4	0.2	0.6	0.0	0.0	0.1	0.9	0.2	6.8	0.5	0.3	3.6	0.4	0.2	3.6	0.5	0.2	3.7
	V	100.0 - 99.4			100.0 - 100.0			100.0 - 99.4			100.0 - 99.6			100.0 - 99.7			100.0 - 99.6		
$x \to \cos(10x)$	F	0.6	0.4	3.3	**0.5**	0.3	8.3	0.5	**0.3**	11.7	1.2	0.6	37.9	0.9	0.6	8.9	1.0	0.7	8.8
L,D = 1,1	Me	43.4	34.2	38.8	29.5	28.6	19.2	29.4	28.6	19.4	29.0	**28.2**	19.1	**29.0**	29.0	19.5	29.5	28.6	19.8
K = 100	Mo	0.0	0.0	0.1	0.0	**0.0**	0.1	**0.0**	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.2	0.1	0.0	0.2
N = 1000	Y	1.1	0.4	51.4	**0.7**	**0.4**	12.7	1.4	0.4	78.7	2.0	1.2	44.7	1.4	0.9	18.5	2.0	1.0	57.1
Local = 100	Yb	0.1	0.0	0.1	0.1	0.0	0.5	0.2	0.0	1.6	0.1	0.1	0.4	0.1	0.1	0.1	0.2	0.1	1.2
	V	100.0 - 99.6			100.0 - 99.6			100.0 - 99.6			100.0 - 99.7			100.0 - 99.6			100.0 - 99.6		
Config. Olivine	F	**39.6**	4.5	1986.9	67.5	**2.4**	2956.1				53.2	4.4	3060.1	64.4	2.5	4660.8			
L,D = 4,10	Me	10.2	8.4	7.5	**5.9**	**4.3**	5.3				10.5	9.0	7.0	6.4	4.9	5.1			
K = 1000	Mo	55.5	52.6	25.0	**4.8**	**3.8**	3.8				45.0	43.6	18.4	5.3	4.4	3.7			
N = 10000	Y	196.4	80.2	390.7	**3.8**	2.7	3.9				122.5	69.1	166.4	3.9	**2.6**	4.4			
Local = None	Yb	187.5	77.3	381.0	1.7	1.3	1.4				114.2	65.6	156.8	1.7	1.4	1.2			
	V	99.1 - 95.6			100.0 - 99.7						99.5 - 97.5			100.0 - 99.6					
Config. Olivine	F	85.1	6.9	6839.2	**42.5**	**2.0**	3123.0				62.9	7.4	2437.3	76.4	2.1	7131.5			
L,D = 4,10	Me	11.8	9.1	10.2	**5.4**	**3.6**	5.4				11.3	9.8	7.2	6.8	5.0	5.9			
K = 1000	Mo	57.9	55.0	27.1	**3.8**	**2.9**	3.1				8.3	7.2	5.0	5.1	4.2	3.7			
N = 10000	Y	220.2	80.7	450.2	2.8	2.1	2.6				9.6	5.5	13.2	**2.7**	**2.0**	2.5			
Local = 500	Yb	197.7	76.4	406.8	1.3	1.1	0.9				3.8	2.7	3.7	1.3	1.2	0.8			
	V	98.6 - 96.8			99.9 - 99.6						100.0 - 99.6			100.0 - 99.8					
Config. Olivine	F	30.5	3.6	641.8	124.7	**3.3**	6836.1				**19.5**	3.5	645.8	108.9	3.3	3908.6			
L,D = 4,10	Me	11.0	8.2	9.3	**8.3**	**6.2**	6.9				9.5	7.6	7.0	8.6	6.6	6.8			
K = 100	Mo	50.7	53.6	31.7	**6.4**	**5.3**	4.6				6.7	5.7	4.4	6.9	5.7	4.8			
N = 100000	Y	194.3	74.4	419.2	**5.9**	4.1	6.8				7.1	4.7	7.7	5.9	**4.0**	7.0			
Local = None	Yb	179.3	71.3	392.5	2.6	2.0	2.0				2.7	2.1	2.1	2.6	2.0	1.9			
	V	99.5 - 97.5			100.0 - 99.6						99.9 - 98.8			100.0 - 99.5					
Config. Olivine	F	**37.1**	3.5	3956.5	102.1	3.3	5195.5				51.9	3.3	10038.5	129.6	**3.2**	11614.0			
L,D = 4,10	Me	11.0	8.3	9.1	**8.6**	**5.9**	8.3				9.4	7.2	7.4	9.2	6.6	7.9			
K = 100	Mo	7.7	6.0	6.0	6.8	**5.4**	5.2				**6.6**	5.5	4.6	6.9	5.7	4.9			
N = 100000	Y	8.1	5.0	14.9	5.9	4.1	6.5				6.4	4.3	7.1	**5.7**	**3.9**	7.0			
Local = 500	Yb	2.9	2.2	2.8	2.6	2.0	2.1				2.4	2.0	1.6	2.5	2.0	1.8			
	V	99.5 - 96.9			100.0 - 99.7						99.9 - 98.8			100.0 - 99.2					
Logistic Olivine	F	38.1	3.0	6244.6	172.0	**2.4**	34990.8				**25.2**	3.5	904.2	84.8	2.6	8404.4			
L,D = 4,10	Me	**9.6**	**6.4**	10.2	10.3	8.3	9.0				13.6	11.5	9.3	12.5	10.2	9.0			
K = 1000	Mo	**7.0**	**4.8**	8.0	8.2	6.3	8.2				8.9	7.1	7.1	8.9	7.0	7.8			
N = 10000	Y	12.5	3.9	251.8	5.3	2.4	36.8				6.7	3.4	19.4	**4.8**	**2.3**	49.8			
Local = 500	Yb	3.8	1.8	16.8	2.2	1.3	5.5				2.6	1.9	4.2	2.0	1.4	4.7			
	V	100.0 - 100.0			100.0 - 100.0						100.0 - 100.0			100.0 - 100.0					

Logistic Olivine	F	**39.8**	5.4	2953.2	172.2	5.5	11852.5		62.0	**5.2**	4478.5	176.0	5.2	11290.9
L,D = 4,10	Me	**14.4**	**10.1**	13.6	16.5	12.3	12.3		15.4	13.2	9.9	19.1	14.6	12.6
K = 1000	Mo	**10.3**	**7.1**	10.2	14.2	10.9	10.9		10.6	8.7	7.8	15.4	12.3	10.9
N = 10000	Y	53.9	7.1	3961.2	44.7	4.9	3325.7		**13.4**	6.3	241.6	45.2	**4.8**	3305.7
Local = None	Yb	7.7	3.2	137.3	11.2	2.6	493.8		5.3	2.9	49.4	6.0	2.8	96.2
	V	100.0 - 100.0			100.0 - 100.0				100.0 - 100.0			100.0 - 100.0		
Logistic Olivine	F	**19.8**	3.4	517.0	320.0	7.2	15741.4		58.3	**3.3**	3974.0	189.0	6.4	8009.9
L,D = 4,10	Me	**14.0**	**9.7**	12.4	20.9	18.2	12.1		14.7	11.6	9.9	21.3	19.6	11.5
K = 100	Mo	10.0	**6.8**	9.3	17.8	14.8	10.0		**9.8**	7.8	7.2	17.7	16.4	9.3
N = 100000	Y	14.1	4.9	457.6	71.1	7.7	5468.7		**9.5**	**4.3**	255.4	42.3	6.9	3134.7
Local = 500	Yb	4.6	2.5	60.8	11.9	4.3	448.3		3.3	2.3	7.1	7.0	3.9	46.6
	V	100.0 - 100.0			100.0 - 100.0				100.0 - 100.0			100.0 - 100.0		
Logistic Olivine	F	**69.5**	5.0	6076.0	180.0	7.1	5899.1		74.5	**4.8**	6054.4	512.8	6.2	116384.2
L,D = 4,10	Me	**15.3**	**11.9**	12.1	21.7	18.7	12.5		16.1	13.8	9.7	21.6	18.8	11.7
K = 100	Mo	**10.8**	**8.0**	9.2	17.6	15.2	9.5		11.0	9.5	6.9	17.8	15.6	9.0
N = 100000	Y	21.0	5.9	1538.7	89.8	7.1	9481.8		**12.1**	**5.4**	117.8	83.5	7.1	8639.2
Local = None	Yb	6.7	2.9	140.2	19.6	4.1	1513.2		4.7	2.7	7.0	18.8	4.0	1455.3
	V	100.0 - 100.0			100.0 - 100.0				100.0 - 100.0			100.0 - 100.0		
$C = f(B)$	F	21.1	2.1	829.9	171.6	2.1	6317.2		**13.1**	**1.4**	958.6	187.5	1.9	14993.3
L,D = 3,11	Me	**7.4**	**4.9**	8.1	10.1	7.2	9.9		7.5	6.4	5.5	9.3	7.3	8.1
K = 100	Mo	5.0	**3.4**	5.6	6.4	4.9	5.8		**4.9**	4.0	3.5	6.5	5.1	5.4
N = 100000	Y	4.5	2.5	5.9	4.8	2.9	6.1		**2.8**	**1.9**	2.7	4.2	2.4	5.2
Local = None	Yb	1.6	1.1	1.6	1.7	1.3	1.3		1.1	1.0	0.5	1.6	1.3	1.2
	V	99.9 - 98.9			100.0 - 99.5				100.0 - 99.7			100.0 - 99.6		
Glace - Voie S	F	**28.7**	4.1	705.1	85.3	2.1	4970.4		33.9	3.8	1764.2	60.6	**2.1**	2853.4
L,D = 4,11	Me	11.8	9.0	11.2	**7.2**	**4.7**	7.8		10.0	8.8	6.2	8.5	6.5	7.0
K = 300	Mo	61.0	56.4	27.6	**5.3**	**3.7**	5.8		44.7	45.2	30.2	6.5	5.0	5.8
N = 10000	Y	228.6	83.3	430.4	2.8	2.0	2.8		88.1	52.8	130.6	**2.7**	**1.8**	2.6
Local = 500	Yb	211.2	80.3	397.3	1.4	1.1	1.1		81.5	49.0	123.6	1.3	1.1	1.0
	V	98.8 - 96.5			100.0 - 99.8				99.9 - 98.6			100.0 - 99.7		
Config. Gonio	F	71.5	6.4	3067.4	56.8	**1.7**	2362.8		248.1	6.8	42590.8	**43.3**	1.7	3668.0
L,D = 4,35	Me	17.0	12.3	16.5	**5.2**	**3.7**	4.8		15.2	11.4	12.8	6.3	4.6	5.6
K = 1000	Mo	57.2	53.7	25.9	**3.3**	**2.6**	2.6		42.3	41.5	20.1	3.7	3.0	2.6
N = 10000	Y	196.4	80.6	383.4	**4.4**	**2.8**	5.3		104.8	63.2	135.1	4.9	3.1	5.7
Local = 500	Yb	172.9	74.5	331.9	1.8	1.2	2.0		91.8	56.6	121.4	1.7	1.3	1.4
	V	92.3 - 89.4			99.7 - 99.5				96.3 - 94.9			99.4 - 98.8		
Config. Gonio	F	**20.9**	3.7	499.7	142.8	3.2	9729.8		26.0	3.6	1019.8	124.3	**3.1**	9924.6
L,D = 4,35	Me	15.5	11.3	14.7	**8.3**	**7.0**	5.6		16.1	13.0	12.4	9.5	7.6	7.2
K = 100	Mo	56.2	53.3	25.3	**5.8**	**5.1**	3.8		45.3	44.3	19.7	6.1	5.3	4.0
N = 100000	Y	193.4	79.0	370.5	**8.9**	**5.9**	9.3		112.5	66.9	141.7	9.2	6.2	9.5
Local = 500	Yb	171.6	74.3	330.1	3.5	2.5	3.4		97.5	61.0	123.5	3.5	2.6	3.2
	V	89.5 - 86.6			99.9 - 98.7				93.3 - 89.7			99.0 - 97.3		
Config. Gonio	F	73.0	6.5	3628.7	43.4	1.7	3208.2		102.0	6.3	11084.3	**29.6**	**1.7**	1743.1
L,D = 4,53	Me	19.0	12.3	22.7	**6.0**	**3.8**	6.5		15.1	11.2	14.7	6.8	5.1	5.9
K = 1000	Mo	56.5	53.4	25.4	**3.3**	**2.3**	3.0		46.5	44.9	18.7	3.6	3.0	2.6
N = 10000	Y	189.9	80.5	349.9	**4.9**	**3.1**	5.4		117.8	69.8	140.7	6.1	4.1	6.3
Local = 500	Yb	166.7	75.1	307.4	1.8	1.3	1.8		104.5	63.9	126.1	2.1	1.6	1.7
	V	88.8 - 87.3			99.2 - 98.9				94.8 - 94.0			99.1 - 98.5		

Config. Gonio	F	20.9	3.6	542.6	123.4	3.3	6992.9		**19.1**	3.4	607.4	82.5	**3.2**	3305.9	
L,D = 4,53	Me	19.7	12.8	21.3	**7.8**	**6.5**	5.7		17.6	14.0	13.3	10.0	8.0	7.7	
K = 100	Mo	57.9	54.8	25.6	**5.7**	**4.5**	4.4		47.1	44.5	34.2	5.9	4.9	4.1	
N = 100000	Y	204.0	81.2	374.4	10.3	**6.5**	11.6		114.5	67.1	145.7	**10.2**	6.8	10.7	
Local = 500	Yb	177.9	76.9	326.0	3.9	2.6	4.2		97.1	60.4	121.6	3.9	2.8	3.8	
	V	83.1 - 83.2			99.8 - 99.1				89.7 - 86.6			98.6 - 97.6			

Table 1: Mean, median, standard deviation of relatives errors. Accuracy of mean and modal prediction (%) . Bold values show best values over the methods, for each criterium.