

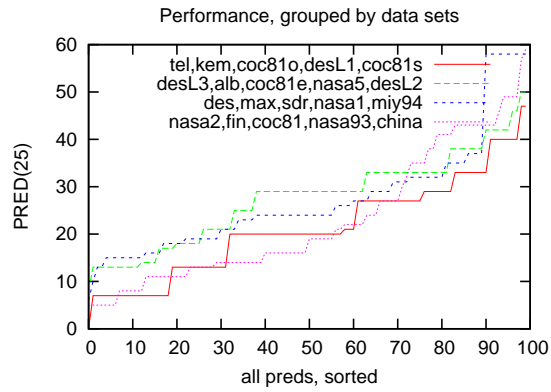


rank	prep	learner	rank	prep	learner	rank	prep	learner
1	norm	CART (yes)	31	freq5bin	CART (no)	61	freq3bin	CART (no)
2	norm	CART (no)	32	width5bin	CART (yes)	62	PCA	K=1
3	none	CART (yes)	33	width5bin	CART (no)	63	width3bin	SWR
4	none	CART (no)	34	norm	K=5	64	width5bin	PLSR
5	log	CART (yes)	35	PCA	SWR	65	log	SWR
6	log	CART (no)	36	none	K=5	66	log	PCR
7	SWR	CART (yes)	37	SWR	SWR	67	log	PLSR
8	SWR	CART (no)	38	SFS	SWR	68	width3bin	PLSR
9	SFS	CART (yes)	39	log	K=5	69	width3bin	K=1
10	SFS	CART (no)	40	norm	SWR	70	width5bin	PCR
11	SWR	K=1	41	none	SWR	71	norm	PCR
12	log	K=1	42	freq3bin	K=5	72	width3bin	PCR
13	SWR	K=5	43	PCA	K=5	73	freq5bin	PCR
14	SFS	K=5	44	width3bin	CART (yes)	74	freq5bin	SWR
15	PCA	PLSR	45	width3bin	CART (no)	75	width3bin	LReg
16	SWR	PCR	46	PCA	NNet	76	freq3bin	PCR
17	none	PLSR	47	width3bin	K=5	77	width5bin	LReg
18	SFS	K=1	48	none	NNet	78	freq3bin	PLSR
19	PCA	PCR	49	width5bin	SWR	79	freq5bin	PLSR
20	none	PCR	50	width5bin	K=1	80	log	LReg
21	PCA	CART (yes)	51	none	LReg	81	freq3bin	SWR
22	PCA	CART (no)	52	width5bin	K=5	82	freq5bin	LReg
23	freq5bin	K=5	53	SFS	NNet	83	width5bin	NNet
24	SWR	PLSR	54	norm	PLSR	84	norm	NNet
25	SFS	LReg	55	freq5bin	K=1	85	width3bin	NNet
26	norm	K=1	56	SWR	NNet	86	log	NNet
27	none	K=1	57	SWR	LReg	87	freq3bin	NNet
28	SFS	PCR	58	norm	LReg	88	freq5bin	NNet
29	SFS	PLSR	59	freq3bin	K=1	89	freq3bin	LReg
30	freq5bin	CART (yes)	60	freq3bin	CART (yes)	90	PCA	LReg

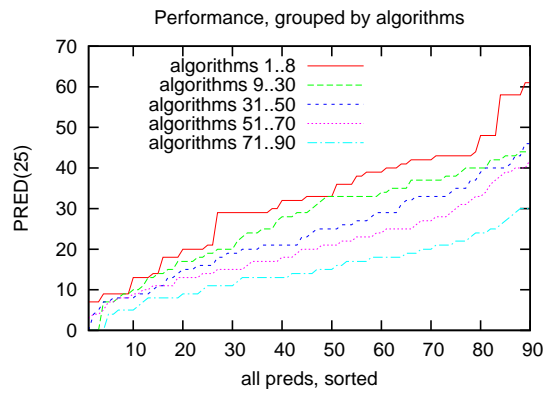
## 2 Summary of position of methods

		Frequency of methods in ranks				
		1..8	9..30	31..50	51..70	71..90
learners	CART (yes)	4	2	3	1	
	CART (no)	4	2	3	1	
	K=5		3	6	1	
	K=1		5		5	
	PCR		4		1	5
	PLR	4		4		2
	LR		1		3	6
	SWR			6	2	2
	NNet			2	2	6
	SWR	2	4	1	2	
pre-processors	SFS		7	1	1	
	none	2	3	3	1	
	log	2	1	1	3	2
	norm	2	1	2	2	2
	PCA		4	3	1	1
	freq5bin		1	2	1	5
	width2bin			3	3	3
	width5bin			3	3	3
	freq3bin			1	3	5

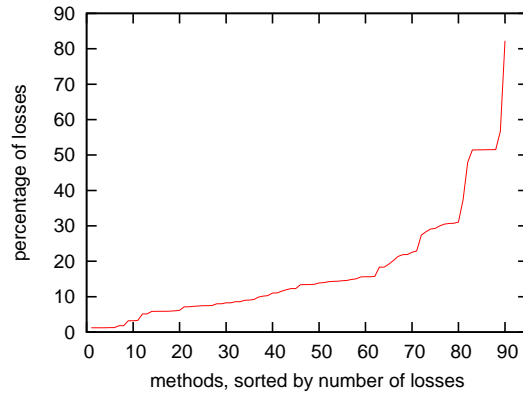
### 3 Spectrum of Pred(25) across the data sets



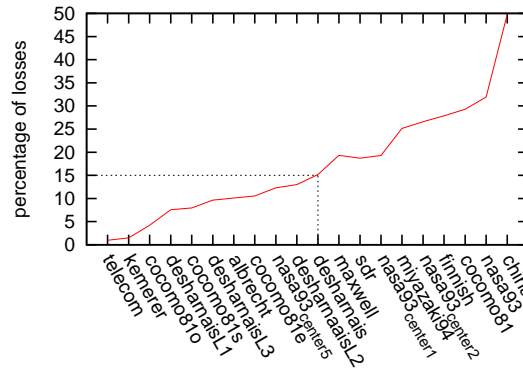
### 4 Spectrum of Pred(25) down the methods



## 5 Errors down the methods



## 6 Errors across the data sets



## 7 Comparing Pred(25) between “best” (at rank=1) and “simplest” (at rank=11)

data	PRED(25)		difference
	norm CART(yes)	log K=1	
china	95	43	-52
sdr	42	17	-25
desharnaisL2	48	32	-16
nasa93_center_1	58	42	-16
cocomo81e	18	4	-14
desharnais	43	37	-6
nasa93_center_5	36	33	-3
maxwell	32	31	-1
albrecht	33	33	0
miyazaki94	40	40	0
desharnaisL1	39	41	2
cocomo81o	29	33	4
finnish	61	66	5
cocomo81	13	22	9
cocomo81s	9	18	9
nasa93	29	41	12
kemerer	7	20	13
nasa93_center_2	43	59	16
desharnaisL3	20	40	20