

MC4 Errors found by C5			
Rule	Population Group	Model Accuracy	Effect Size
1	education = Preschool	15.2%	4.9
2	capitalgain=\$0 AND salary>\$50K	-34.9%	-1059.0
3	capitalgain=(\$0,\$3500] AND salary>\$50K	-84.8%	-44.1
4	capitalgain=(\$0,\$3500] AND salary<\$50K	15.2%	46.3
5	capitalgain=(\$3500,\$7500] AND salary>\$50K	4.7%	11.3
6	capitalgain=(\$7500,\$10000] AND salary>\$50K	15.2%	24.7
7	capitalgain>\$10000 AND salary>\$50K	15.2%	54.6
8	capitalgain>\$10000 AND salary<\$50K	-84.8%	-3.4
9	education=5th-6th AND salary<\$50K	15.2%	25.0
10	education=Doctorate AND salary>\$50K	-1.6%	-2.0
11	education=Profschool AND salary>\$50K	2.8%	5.4
12	marital-status=Divorced AND salary<\$50K	15.2%	300.7
13	marital-status=Married-AF-spouse AND salary<\$50K	-54.8%	-5.5
14	marital-status=Married-spouse-absent AND salary<\$50K	14.6%	27.2
15	marital-status=Never-married AND salary<\$50K	15.2%	786.7
16	marital-status=Separated AND salary<\$50K	15.2%	71.6
17	marital-status=Widowed AND salary<\$50K	15.0%	72.1
18	relationship=Other-relative AND capitalgain=\$0	12.8%	65.8
19	age<=25 AND education=Some-college AND salary<\$50K	15.0%	166.1
20	education=10th AND capitalgain=\$0 AND salary<\$50K	14.0%	58.7
21	education=11th AND capitalgain=\$0 AND salary<\$50K	15.2%	89.1
22	education=12th AND capitalgain=\$0 AND salary<\$50K	15.2%	30.9
23	education=1st-4th AND capitalgain=\$0 AND salary<\$50K	15.2%	11.2
24	education=7th-8th AND capitalgain=\$0 AND salary<\$50K	15.2%	41.0
25	education=9th AND capitalgain=\$0 AND salary<\$50K	15.2%	33.1
26	education=Assoc-acdm AND capitalgain=\$0 AND salary>\$50K	-40.7%	-48.8
27	education=Bachelors AND occupation=Other-service AND salary<\$50K	15.2%	10.8
28	education=Bachelors AND occupation=Transport-moving AND salary<\$50K	15.2%	3.6
29	education=HS-grad AND capitalgain=\$0 AND salary>\$50K	-79.2%	-534.6
30	education=HS-grad AND capitalgain=\$0 AND salary<\$50K	14.6%	622.6
31	education=Masters AND relationship=Wife AND salary>\$50K	15.2%	8.6
32	education=Some-college AND capitalgain=\$0 AND salary>\$50K	-39.6%	-220.5
33	marital-status=Divorced AND capitalgain=\$0 AND salary>\$50K	-84.8%	-122.2
34	marital-status=Married-civ-spouse AND capitalgain=(\$3500,\$7500] AND salary<\$50K	-84.8%	-85.7
35	marital-status=Married-spouse-absent AND capitalgain=\$0 AND salary>\$50K	-84.8%	-14.4

36	marital-status=Never-married AND capitalgain=\$0 AND salary>\$50K	-84.8%	-145.1
37	marital-status=Widowed AND capitalgain=\$0 AND salary>\$50K	-84.8%	-25.4
38	occupation=Farming-fishing AND capitalgain=\$0 AND salary<\$50K	12.8%	54.0
39	occupation=Handlers-cleaners AND capitalgain=\$0 AND salary<\$50K	14.5%	91.7
40	occupation=Machine-op-inspct AND capitalgain=\$0 AND salary<\$50K	13.8%	118.9
41	age=(25,35] AND education=Some-college AND capitalgain=\$0 AND salary<\$50K	14.3%	95.9
42	age=(45,55] AND education=Some-college AND marital-status=Married-civ-spouse AND salary<\$50K	-44.5%	-61.9
43	age>55 AND education=Some-college AND capitalgain=\$0 AND salary<\$50K	14.2%	29.7
44	education=Bachelors AND marital-status=Married-civ-spouse AND capitalgain=\$0 AND salary<\$50K	-53.0%	-223.1
45	education=Bachelors AND marital-status=Married-civ-spouse AND occupation=Techsupport AND salary>\$50K	12.0%	3.9
46	education=Doctorate AND marital-status=Married-civ-spouse AND capitalgain=\$0 AND salary<\$50K	-84.8%	-17.8
47	education=Masters AND marital-status=Married-civ-spouse AND capitalgain=\$0 AND salary<\$50K	-84.8%	-106.9
48	education=Masters AND relationship=Husband AND capitalgain=\$0 AND salary>\$50K	15.2%	40.4
49	education=Prof-school AND marital-status=Married-civ-spouse AND capitalgain=\$0 AND salary<\$50K	-84.8%	-20.4
50	education=Bachelors AND marital-status=Married-civ-spouse AND occupation=Exec-managerial AND capitalgain=\$0 AND salary>\$50K	13.4%	30.7
51	education=Bachelors AND marital-status=Married-civ-spouse AND occupation=Prof-specialty AND capitalgain=\$0 AND salary>\$50K	6.1%	12.7
52	education=Bachelors AND marital-status=Married-civ-spouse AND occupation=Sales AND capitalgain=\$0 AND salary<\$50K	-63.9%	-42.8