Approach	# Rules	# Multi-Label Head Rules	% Multi-Label Head Rules	Avg. # Labels Per Head
MEDICAL $n=45$, cardinality=1.245				
$Single_{prec}$	2536	0	0.00%	1.00
$Single_{hamm}$	111	0	0.00%	1.00
$Single_F$	193	0	0.00%	1.00
$Multi_{prec}$	304	295	97.04%	10.19
$Multi_{hamm}$	113	2	1.77%	1.03
$Multi_{F,}$	226	1	0.44%	1.00
$Multi_{acc}$	n/a	n/a	n/a	n/a
EMOTIONS $n=6$, cardinality=1.869				
$Single_{prec}$	262	0	0.00%	1.00
$Single_{hamm}$	20	0	0.00%	1.00
$Single_F$	48	0	0.00%	1.00
$Multi_{prec}$	100	98	0.98%	4.38
$Multi_{hamm}$	21	0	0.00%	1.00
$Multi_{F,}$	46	0	0.00%	1.00
$Multi_{acc}$	108	0	0.00%	1.00
GENBASE $n=27$, cardinality=1.252				
$Single_{prec}$	71	0	0.00%	1.00
$Single_{hamm}$	52	0	0.00%	1.00
$Single_F$	54	0	0.00%	1.00
$Multi_{prec}$	23	16	69.57%	12.57
$Multi_{hamm}$	52	1	1.92%	1.02
$Multi_{F,}$	56	1	1.79%	1.02
$Multi_{acc}$	54	54	100.00%	2.00
FLAGS $n=7$, cardinality=3.392				
$Single_{prec}$	234	0	0.00%	1.00
$Single_{hamm}$	25	0	0.00%	1.00
$Single_F$	45	0	0.00%	1.00
$Multi_{prec}$	64	58	90.63%	4.47
$Multi_{hamm}$	22	0	0.00%	1.00
$Multi_{F,}$	40	0	0.00%	1.00
$Multi_{acc}$	105	5	4.76%	1.05

Approach	# Rules	# Multi-Label Head Rules	% Multi-Label Head Rules	Avg. # Labels Per Head
BIRDS $n=19$, cardinality=1.014				
$Single_{prec}$	227	0	0.00%	1.00
$Single_{hamm}$	48	0	0.00%	1.00
$Single_F$	81	0	0.00%	1.00
$Multi_{prec}$	55	55	100.00%	11.45
$Multi_{hamm}$	58	0	0.00%	1.00
$Multi_{F,}$	135	0	0.00%	1.00
$Multi_{acc}$	130	0	0.00%	1.00
SCENE (DISCREDITED)				
$Single_{prec}$	531	0	0.00%	1.00
$Single_{hamm}$	119	0	0.00%	1.00
$Single_F$	6	0	0.00%	1.00
$Multi_{prec}$	236	199	84.32%	3.62
$Multi_{hamm}$	11	0	0.00%	1.00
$Multi_{F,}$	6	0	0.00%	1.00
$Multi_{acc}$	982	0	0.00%	1.00
CAL500 (DISCREDITED)				
$Single_{prec}$	5108	0	0.00%	1.00
$Single_{hamm}$	502	0	0.00%	1.00
$Single_F$	174	0	0.00%	1.00
$Multi_{prec}$	320	319	99.69%	56.18
$Multi_{hamm}$	149	33	22.15%	1.52
$Multi_{F,}$	86	42	48.84%	2.02
$Multi_{acc}$	n/a	n/a	n/a	n/a
YEAST (DISCREDITED)				
$Single_{prec}$	1528	0	0.00%	1.00
$Single_{hamm}$	61	0	0.00%	1.00
$Single_F$	14	0	0.00%	1.00
$Multi_{prec}$	588	581	98.81%	7.84
$Multi_{hamm}$	24	0	0.00%	1.00
$Multi_{F,}$	14	0	0.00%	1.00
$Multi_{acc}$	1328	598	45.03%	1.45