S. No.	LU	U	RU	L	M	R	LD	D	RD	Output (M)	Type
1	v_low	v_low	v_low	v_low		v_low	v_low	v_low	v_low	v_low	
2	low	low	low	low		low	low	low	low	low	
3	mid	mid	mid	mid		mid	mid	mid	mid	mid	1
4	high	high	high	high		high	high	high	high	high	
5	v_high	v_high	v_high	v_high		v_high	v_high	v_high	v_high	v_high	
6	v_high	v_high	v_high	high		high				high	
7	high	high	high	mid		mid				mid	
8	mid	mid	mid	low		low				low	
9	low	low	low	v_low		v_low				v_low	
10	v_low	v_low	v_low	low		low				low	
11	low	low	low	mid		mid				mid	
12	mid	mid	mid	high		high				high	2
13	high	high	high	v_high		v_high				v_high	
14	v_high	v_high	v_high	v_high		v_high				v_high	
15	high	high	high	high		high				high	
16	mid	mid	mid	mid		mid				mid	
17	low	low	low	low		low				low	
18	v_low	v_low	v_low	v_low		v_low				v_low	
19				high		high	v_high	v_high	v_high	high	
20				mid		mid	high	high	high	mid	
21				low		low	mid	mid	mid	low	
22				v_low		v_low	low	low	low	v_low	
23				low		low	v_low	v_low	v_low	low	
24				mid		mid	low	low	low	mid	
25				high		high	mid	mid	mid	high	3
26				v_high		v_high	high	high	high	v_high	
27				v_high		v_high	v_high	v_high	v_high	v_high	
28				high		high	high	high	high	high	
29				mid		mid	mid	mid	mid	mid	
30				low		low	low	low	low	low	
31				v_low		v_low	v_low	v_low	v_low	v_low	
32	v_high			high			mid	high	v_high	v_high	
33	high			mid			low	mid	high	high	
34	mid			low			v_low	low	mid	mid	
35	v_low			low			mid	low	v_low	v_low	
36	low			mid			high	mid	low	low	
37	mid			high			v_high	high	mid	mid	4
38	v_high			v_high			v_high	v_high	v_high	v_high	
39	high			high			high	high	high	high	
40	mid			mid			mid	mid	mid	mid	
41	low			low			low	low	low	low	
42	v_low			v_low			v_low	v_low	v_low	v_low	
43	mid	high	v_high			high			mid	mid	
44	low	mid	high			mid			low	low	
45	v_low	low	mid			low			v_low	v_low	
46	mid	low	v_low			low			mid	mid	

#										Group
47	high	mid	low		mid			high	high	
48	v_high	high	mid		high			v_high	v_high	5
49	v_high	v_high	v_high		v_high			v_high	v_high	
50	high	high	high		high			high	high	
51	mid	mid	mid		mid			mid	mid	
52	low	low	low		low			low	low	
53	v_low	v_low	v_low		v_low			v_low	v_low	
54	v_high	high	mid	high		mid			mid	
55	high	mid	low	mid		low			low	
56	mid	low	v_low	low		v_low			v_low	
57	v_low	low	mid	low		mid			mid	
58	low	mid	high	mid		high			high	
59	mid	high	v_high	high		v_high			v_high	6
60	v_high	v_high	v_high	v_high		v_high			v_high	
61	high	high	high	high		high			high	
62	mid	mid	mid	mid		mid			mid	
63	low	low	low	low		low			low	
64	v_low	v_low	v_low	v_low		v_low			v_low	
65			mid		high	mid	high	v_high	mid	
66			low		mid	low	mid	high	low	
67			v_low		low	v_low	low	mid	v_low	
68			mid		low	mid	low	v_low	mid	
69			high		mid	high	mid	low	high	
70			v_high		high	v_high	high	mid	v_high	7
71			v_high		v_high	v_high	v_high	v_high	v_high	
72			high		high	high	high	high	high	
73			mid		mid	mid	mid	mid	mid	
74			low		low	low	low	low	low	
75			v_low		v_low	v_low	v_low	v_low	v_low	
76	v_high	high		v_high		v_high	high		high	
77	high	mid		high		high	mid		mid	
78	mid	low		mid		mid	low		low	
79	low	v_low		low		low	v_low		v_low	
80	v_low	low		v_low		v_low	low		low	
81	low	mid		low		low	mid		mid	
82	mid	high		mid		mid	high		high	8
83	high	v_high		high		high	v_high		v_high	
84	v_high	v_high		v_high		v_high	v_high		v_high	
85	high	high		high		high	high		high	
86	mid	mid		mid		mid	mid		mid	
87	low	low		low		low	low		low	
88	v_low	v_low		v_low		v_low	v_low		v_low	
89		high	v_high		v_high		high	v_high	**high**	
90		mid	high		high		mid	high	**mid**	
91		low	mid		mid		low	mid	**low**	
92		v_low	low		low		v_low	low	**v_low**	
93		low	v_low		v_low		low	v_low	**low**	

94	mid	low		low		mid	low	**mid**	9
95	high	mid		mid		high	mid	**high**	
96	v_high	high		high		v_high	high	**v_high**	
97	v_high	v_high		v_high		v_high	v_high	v_high	
98	high	high		high		high	high	high	
99	mid	mid		mid		mid	mid	mid	
100	low	low		low		low	low	low	
101	v_low	v_low		v_low		v_low	v_low	v_low	
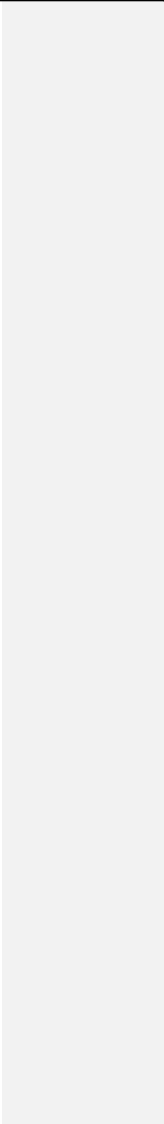
Representation

LU	U	RU
L	M	R
LD	D	RD

Type Representations

Type 1

Type 2

Type 3

Type 4

Type 5

Type 6

Type 7

Type 8

Type 9