

IF speed slow AND distance is short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is smal AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0.333	0
		3	0	0.5	1	0
		4	0	0.5	0.333	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is short THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0.334
		5	0	0	0.667	0.334
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0.333	0
		3	0	0.5	1	0
		4	0	0.5	0.333	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is short THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0.334
		5	1	0	0.667	0.334
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed slow AND distance is long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0.333	0
		3	0	0.5	1	0
		4	0	0.5	0.333	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is short THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	1	0.5	0	0
		1	1	0.5	0	0
		2	1	0.5	0	0
		3	1	0.5	0	0
		4	1	0.5	0.667	0.33
		5	1	0.5	0.667	0.33
		6	1	0.5	0	0
		7	1	0.5	0	0
		8	1	0.5	0	0
		9	1	0.5	0	0
		10	1	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed medium AND distance is long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	1	0.5	0	0
		1	1	0.5	0	0
		2	1	0.5	0.333	0.17
		3	1	0.5	1	0.5
		4	1	0.5	0.333	0.17
		5	1	0.5	0	0
		6	1	0.5	0	0
		7	1	0.5	0	0
		8	1	0.5	0	0
		9	1	0.5	0	0
		10	1	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed medium AND distance is medium THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0.333	0
		3	0	0.5	1	0
		4	0	0.5	0.333	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed is fast AND distance is medium THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0.333	0
		6	0	0.5	1	0
		7	0	0.5	0.333	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0.5
		5	0	0	0	0.5
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed is fast AND distance is medium THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0.333	0
		6	0	0.5	1	0
		7	0	0.5	0.333	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed is fast AND distance is medium THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0.333	0
		6	0	0.5	1	0
		7	0	0.5	0.333	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is fast AND distance is long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed is fast AND distance is long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed is fast AND distance is long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0.667	0
		5	0	0.5	0.667	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0.333	0
		3	1	0	1	0
		4	1	0	0.333	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed very slow AND distance is medium THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	1	0.5	1	0.5
		1	1	0.5	1	0.5
		2	1	0.5	0.666	0.333
		3	1	0.5	0	0
		4	1	0.5	0	0
		5	1	0.5	0	0
		6	1	0.5	0	0
		7	1	0.5	0	0
		8	1	0.5	0	0
		9	1	0.5	0	0
		10	1	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed very slow AND distance is short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is medium THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	1	0
		1	0	0.5	1	0
		2	0	0.5	0.666	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is medium THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0.5	1	0
		1	0	0.5	1	0
		2	0	0.5	0.666	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0	0
		8	0	0.5	0	0
		9	0	0.5	0	0
		10	0	0.5	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed very slow AND distance is very long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	1	0	1	0
		1	1	0	1	0
		2	1	0	0.666	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	1	1	1	1
		1	1	1	1	1
		2	1	1	0.666	0.666
		3	1	1	0	0
		4	1	1	0	0
		5	1	1	0	0
		6	1	1	0	0
		7	1	1	0	0
		8	1	1	0	0
		9	1	1	0	0
		10	1	1	0	0

IF speed very slow AND distance is long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is very long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	1	1	0
		1	0	1	1	0
		2	0	1	0.666	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed very slow AND distance is long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very slow AND distance is very long THEN brake is very weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	1	0
		1	0	0	1	0
		2	0	0	0.666	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	1	1	0
		1	0	1	1	0
		2	0	1	0.666	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed very fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	1	1	0	0
		1	1	1	0	0
		2	1	1	0	0
		3	1	1	0	0
		4	1	1	0	0
		5	1	1	0	0
		6	1	1	0	0
		7	1	1	0.667	0.667
		8	1	1	1	1
		9	1	1	1	1
		10	1	1	1	1
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0

IF speed very fast AND distance is short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0

IF speed very fast AND distance is medium THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0.667	0
		8	0	0.5	1	0
		9	0	0.5	1	0
		10	0	0.5	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0.667	0
		8	0	0.5	1	0
		9	0	0.5	1	0
		10	0	0.5	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is medium THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0.667	0
		8	0	0.5	1	0
		9	0	0.5	1	0
		10	0	0.5	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0.5	0	0
		1	0	0.5	0	0
		2	0	0.5	0	0
		3	0	0.5	0	0
		4	0	0.5	0	0
		5	0	0.5	0	0
		6	0	0.5	0	0
		7	0	0.5	0.667	0
		8	0	0.5	1	0
		9	0	0.5	1	0
		10	0	0.5	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed very fast AND distance is medium THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	1	0.5	0	0
		1	1	0.5	0	0
		2	1	0.5	0	0
		3	1	0.5	0	0
		4	1	0.5	0	0
		5	1	0.5	0	0
		6	1	0.5	0	0
		7	1	0.5	0.667	0.334
		8	1	0.5	1	0.5
		9	1	0.5	1	0.5
		10	1	0.5	1	0.5
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0

IF speed very fast AND distance is long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	1	0.5	0	0
		1	1	0.5	0	0
		2	1	0.5	0	0
		3	1	0.5	0	0
		4	1	0.5	0	0
		5	1	0.5	0	0
		6	1	0.5	0	0
		7	1	0.5	0.667	0.334
		8	1	0.5	1	0.5
		9	1	0.5	1	0.5
		10	1	0.5	1	0.5
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0

IF speed very fast AND distance is very long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0

IF speed slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very fast AND distance is very long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0

IF speed slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed very fast AND distance is very long THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0	0
		6	1	0	0	0
		7	1	0	0.667	0
		8	1	0	1	0
		9	1	0	1	0
		10	1	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	1	1	0	0
		1	1	1	0	0
		2	1	1	0	0
		3	1	1	0	0
		4	1	1	0	0
		5	1	1	0	0
		6	1	1	0	0
		7	1	1	0.667	0.667
		8	1	1	1	1
		9	1	1	1	1
		10	1	1	1	1

IF speed slow AND distance is very short THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is very long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed medium AND distance is very short THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0.333	0
		6	0	1	1	0
		7	0	1	0.333	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed slow AND distance is very long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed medium AND distance is very short THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	1	1	0	0
		1	1	1	0	0
		2	1	1	0	0
		3	1	1	0	0
		4	1	1	0	0
		5	1	1	0.333	0.333
		6	1	1	1	1
		7	1	1	0.333	0.333
		8	1	1	0	0
		9	1	1	0	0
		10	1	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0.333	0
		6	1	0	1	0
		7	1	0	0.333	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0	0
		5	1	0	0.333	0
		6	1	0	1	0
		7	1	0	0.333	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0

IF speed slow AND distance is very long THEN brake is weak						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0.333	0
		3	0	0	1	0
		4	0	0	0.333	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0.333	0
		3	0	1	1	0
		4	0	1	0.333	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed medium AND distance is very short THEN brake is strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0.333	0
		6	0	1	1	0
		7	0	1	0.333	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0.333	0
		6	0	0	1	0
		7	0	0	0.333	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0

IF speed medium AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0.667	0
		5	0	1	0.667	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed medium AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	1	0	0	0
		1	1	0	0	0
		2	1	0	0	0
		3	1	0	0	0
		4	1	0	0.667	0
		5	1	0	0.667	0
		6	1	0	0	0
		7	1	0	0	0
		8	1	0	0	0
		9	1	0	0	0
		10	1	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	1	1	0	0
		1	1	1	0	0
		2	1	1	0	0
		3	1	1	0	0
		4	1	1	0.667	0.667
		5	1	1	0.667	0.667
		6	1	1	0	0
		7	1	1	0	0
		8	1	1	0	0
		9	1	1	0	0
		10	1	1	0	0

IF speed fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed medium AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0.667	0
		5	0	1	0.667	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

IF speed fast AND distance is very short THEN brake is very strong						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0	0
		5	0	1	0	0
		6	0	1	0	0
		7	0	1	0.667	0
		8	0	1	1	0
		9	0	1	1	0
		10	0	1	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0	0
		5	0	0	0	0
		6	0	0	0	0
		7	0	0	0.667	0
		8	0	0	1	0
		9	0	0	1	0
		10	0	0	1	0

IF speed fast AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
0	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0.667	0
		5	0	1	0.667	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

Max of rules
0
0
0
0
0
0
0
0
0
0
0
Max of rules
0.5
0.5
0.333
0
0.334
0.334
0
0
0
0
0
Max of rules
1
1
0.666
0
0
0
0
0
0
0

Balance
0
Balance
2.084
Balance
0.875

IF speed fast AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
10	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0.667	0
		5	0	1	0.667	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

Max of rules
0
0
0
0
0
0
0.333
1
0.333
0
0
0
Max of rules
0
0
0.17
0.5
0.5
0.5
0
0
0
0
0
Max of rules
0
0
0
0
0
0.667
0.667
0
0
0
0
0

Balance
6
Balance
3.796
Balance
4.5

IF speed fast AND distance is very long THEN brake is medium						
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	0	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	500	0	0	0	0	0
		1	0	0	0	0
		2	0	0	0	0
		3	0	0	0	0
		4	0	0	0.667	0
		5	0	0	0.667	0
		6	0	0	0	0
		7	0	0	0	0
		8	0	0	0	0
		9	0	0	0	0
		10	0	0	0	0
Speed	Distance	Brake	μ Speed	μ Distance	μ Brake	μ Rule
20	1000	0	0	1	0	0
		1	0	1	0	0
		2	0	1	0	0
		3	0	1	0	0
		4	0	1	0.667	0
		5	0	1	0.667	0
		6	0	1	0	0
		7	0	1	0	0
		8	0	1	0	0
		9	0	1	0	0
		10	0	1	0	0

Max of rules
0
0
0
0
0
0
0
0.667
1
1
1
Max of rules
0
0
0
0
0
0
0
0.334
0.5
0.5
0.5
Max of rules
0
0
0
0
0
0
0
0.667
1
1
1

Balance
8.636
Balance
8.636
Balance
8.636

3D Graph

