

visit Simulation Report

visit package

2019-08-15

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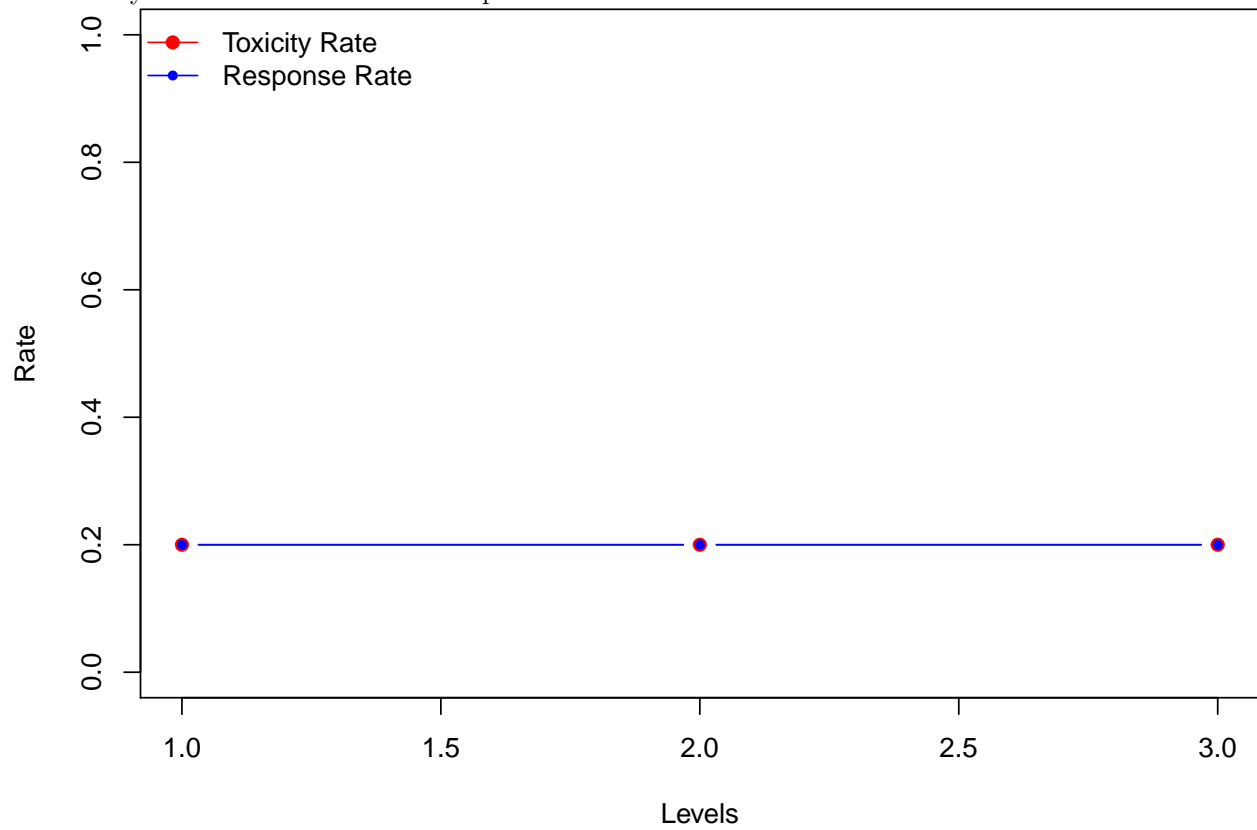
Simulation Parameters

Variables	Values
Number of doses	3
decision cuts	0.65, 0.65, 0.65
etas	0.1, 0.3
probability model	NONPARA
cohort size	5
level size	10
n rep	100
n core	3

Trueps Plots

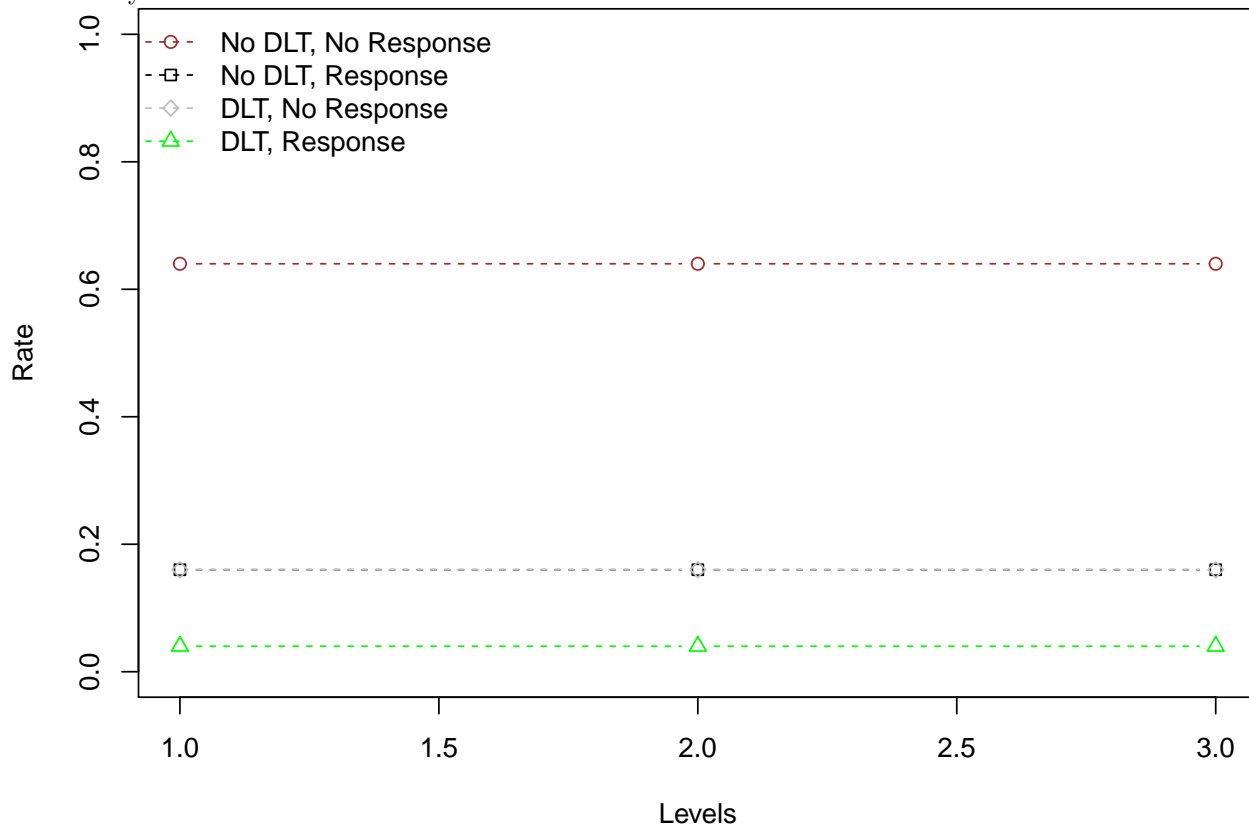
Trueps Plots 1

Probability of DLT risk and immune response:



Trueps Plots 2

Probability of each scenario:



Simulation Results

	1	2	3
Frequency	54.00	15.00	11.00
%	54.00	15.00	11.00

	stage 1	stage 2	total
level 1	5.00	4.00	9.00
level 2	4.00	1.75	5.75
level 3	1.30	0.80	2.10

	No T, No R	No T, R	T, No R	T,R	T	R
level 1 stage 1	3.26	0.85	0.74	0.15	0.89	1.00
level 1 stage 2	2.59	0.68	0.60	0.13	0.73	0.81
level 1 total	5.85	1.53	1.34	0.28	1.62	1.81
level 2 stage 1	2.55	0.55	0.76	0.14	0.90	0.69
level 2 stage 2	1.08	0.31	0.24	0.12	0.36	0.43
level 2 total	3.63	0.86	1.00	0.26	1.26	1.12
level 3 stage 1	0.77	0.31	0.15	0.07	0.22	0.38
level 3 stage 2	0.49	0.12	0.17	0.02	0.19	0.14
level 3 total	1.26	0.43	0.32	0.09	0.41	0.52

	N	Toxic	Ineffective	Safe,Effective	Effective,Safety concern
level 1 stage 1	100.00	20.00	0.00	0.00	80.00
level 1 stage 2	80.00	0.00	0.00	11.25	88.75
level 2 stage 1	80.00	33.75	22.50	0.00	43.75
level 2 stage 2	35.00	5.71	20.00	5.71	68.57
level 3 stage 1	26.00	26.92	11.54	0.00	61.54
level 3 stage 2	16.00	0.00	31.25	12.50	56.25

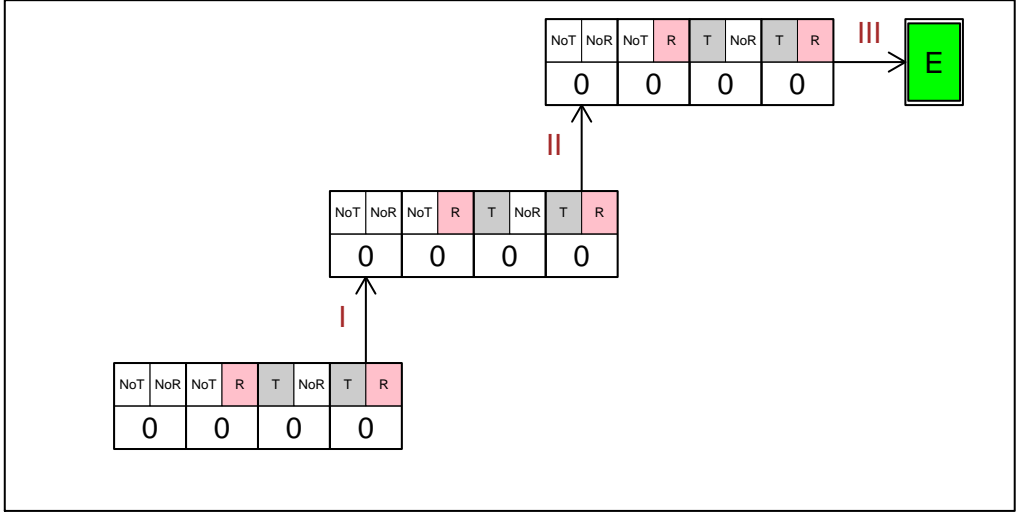
	Toxic	Ineffective	Safe,Effective	Effective,Safety concern
level 1 stage 1	0.39	0.00	0.22	0.40
level 1 stage 2	0.23	0.00	0.24	0.54
level 2 stage 1	0.46	0.29	0.07	0.18
level 2 stage 2	0.26	0.29	0.13	0.32
level 3 stage 1	0.38	0.25	0.15	0.22
level 3 stage 2	0.23	0.33	0.13	0.30

	Mean	LB	UB
level 1 stage 1	0.27	0.14	0.57
level 1 stage 2	0.21	0.08	0.33
level 2 stage 1	0.30	0.14	0.57
level 2 stage 2	0.22	0.08	0.42
level 3 stage 1	0.26	0.14	0.43
level 3 stage 2	0.21	0.08	0.33

	Mean	LB	UB
level 1 stage 1	0.29	0.14	0.57
level 1 stage 2	0.25	0.08	0.50
level 2 stage 1	0.27	0.14	0.57
level 2 stage 2	0.28	0.08	0.51
level 3 stage 1	0.35	0.14	0.57
level 3 stage 2	0.31	0.16	0.50

Observation

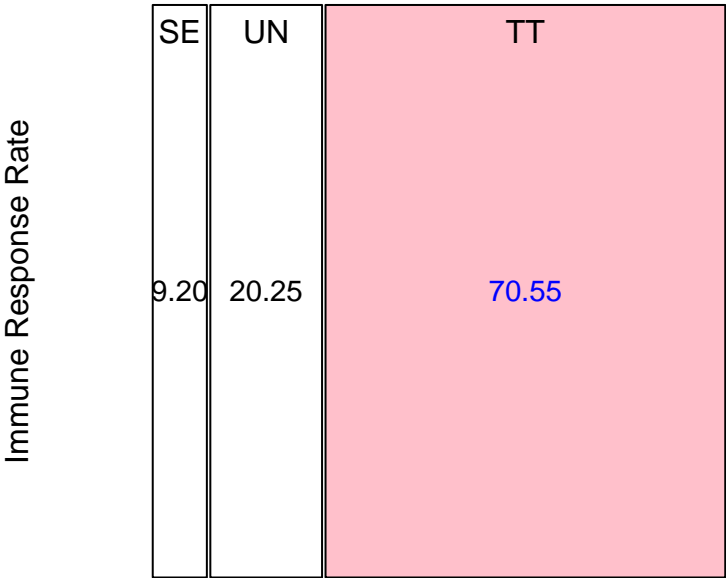
vtTrack Plots



1	2	3	4	5
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0

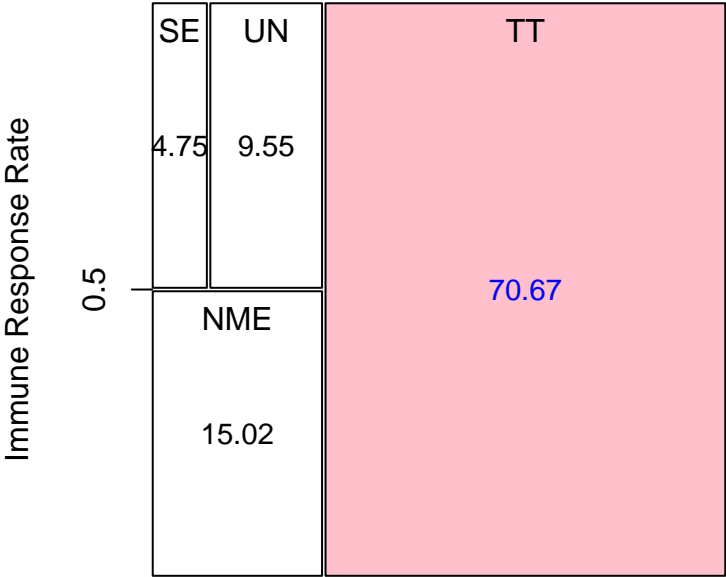
Observation Interim

Level 1



DLT Risk

Level 2



DLT Risk

##

Level 3

