Results

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1 General Informations

Platform: ROOT-Sim.
Run type: serial.
Number of elements in the topology: 288.
Number of LPs used in the simulation: 8.
Simulation duration: 39.346 seconds seconds.
Memory usage: 35.21 MB.
All elements reached stability in the simulation.

1.1 Topology Informations

There is one Central node, between the Central node and the Regional layer there is one WAN. Between each regional and its Locals there is a WAN.
There are 8 regional nodes.In total 30 local nodes.
In total there are 180 sensors and 30 actuators.

2 Detailed view

2.1 Central node 0

This element finished the simulation at simulation time: 1300047.125579.

2.1.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.033	0.165	0.0165	0.066	5	3	4	2

2.1.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.504	0.204	0	0.0176

D_t	D_e	D_c	D_b
0.033	0.165	0	0.066

U_t	U_e	U_c	U_b
0.0166	0.0337	0	0.00116

Total Utlization Factor = 0.05146

R_t	R_e	R_c	R_b
0.0348	0.174	0	0.0696

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.504	0.204	0	0.0176

D_t	D_e	D_c	D_b
0.0331	0.165	0	0.0659

U_t	U_e	U_c	U_b
0.0167	0.0335	0	0.00116

Total Utlization Factor = 0.05136

R_t	R_e	R_c	R_b
0.0409	0.171	0	0.0725

2.2 Central storage of Node 0

2.2.1 Given parameters

S_t	S_e	S_c	S_b
0.4	0.73	0	0.23

2.2.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.101	0.184	0	0.019

D_t	D_e	D_c	D_b
0.4	0.73	0	0.23

U_t	U_e	U_c	U_b
0.0403	0.134	0	0.00438

Total Utlization Factor = 0.1787

R_t	R_e	R_c	R_b
0.487	0.889	0	0.28

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.101	0.183	0	0.0189

D_t	D_e	D_c	D_b
0.401	0.729	0	0.229

U_t	U_e	U_c	U_b
0.0404	0.134	0	0.00435

Total Utlization Factor = 0.1787

R_t	R_e	R_c	R_b
0.547	0.857	0	0.36

2.3 Regional node 1

This regional node of Type0 has in its subtree:

- 2 local nodes of type Type0

This element finished the simulation at simulation time: 1300045.155375.

2.3.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.3.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.168	0.0151	0.00136	0.00084

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.0554	0.0474	0.000225	0.000554

Total Utlization Factor = 0.1036

R_t	R_e	R_c	R_b
0.368	3.5	0.184	0.736

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.168	0.015	0.00137	0.000845

D_t	D_e	D_c	D_b
0.33	3.15	0.154	0.632

U_t	U_e	U_c	U_b
0.0553	0.0473	0.00021	0.000533

Total Utlization Factor = 0.1033

R_t	R_e	R_c	R_b
0.433	3.31	0.331	0.711

2.4 Regional node 2

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300047.240261.

2.4.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.4.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0299	0.00268	0.00163

D_t	D_e	D_c	D_b
0.33	3.13	0.167	0.682

U_t	U_e	U_c	U_b
0.111	0.0936	0.000449	0.00111

Total Utlization Factor = 0.2062

R_t	R_e	R_c	R_b
0.56	3.55	0.584	0.882

2.5 Regional node 3

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300048.0.

2.5.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.5.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0305	0.00275	0.0017

D_t	D_e	D_c	D_b
0.331	3.14	0.164	0.683

U_t	U_e	U_c	U_b
0.111	0.096	0.000452	0.00116

Total Utlization Factor = 0.2086

R_t	R_e	R_c	R_b
0.565	3.58	0.641	0.896

2.6 Regional node 4

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300047.272431.

2.6.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.6.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0303	0.0027	0.00173

D_t	D_e	D_c	D_b
0.33	3.15	0.172	0.666

U_t	U_e	U_c	U_b
0.111	0.0953	0.000465	0.00115

Total Utlization Factor = 0.2079

R_t	R_e	R_c	R_b
0.565	3.57	0.645	0.879

2.7 Regional node 5

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300047.323757.

2.7.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.7.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0296	0.00277	0.00166

D_t	D_e	D_c	D_b
0.329	3.1	0.167	0.635

U_t	U_e	U_c	U_b
0.111	0.0917	0.000463	0.00106

Total Utlization Factor = 0.2042

R_t	R_e	R_c	R_b
0.555	3.51	0.618	0.833

2.8 Regional node 6

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300044.55319.

2.8.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.8.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00262	0.0017

D_t	D_e	D_c	D_b
0.33	3.14	0.159	0.674

U_t	U_e	U_c	U_b
0.111	0.095	0.000417	0.00115

Total Utlization Factor = 0.2076

R_t	R_e	R_c	R_b
0.562	3.56	0.595	0.897

2.9 Regional node 7

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300047.725579.

2.9.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.9.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0303	0.00271	0.00169

D_t	D_e	D_c	D_b
0.329	3.14	0.163	0.633

U_t	U_e	U_c	U_b
0.111	0.095	0.000442	0.00107

Total Utlization Factor = 0.2075

R_t	R_e	R_c	R_b
0.562	3.56	0.634	0.852

2.10 Regional node 8

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 1300046.771823.

2.10.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
0.33	1.65	0.165	0.66	5	3	4	2

2.10.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0302	0.00272	0.00168

D_t	D_e	D_c	D_b
0.33	3.13	0.165	0.66

U_t	U_e	U_c	U_b
0.111	0.0948	0.000449	0.00111

Total Utlization Factor = 0.2074

R_t	R_e	R_c	R_b
0.416	3.95	0.208	0.833

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.336	0.0304	0.00271	0.00174

D_t	D_e	D_c	D_b
0.33	3.11	0.163	0.671

U_t	U_e	U_c	U_b
0.111	0.0946	0.000441	0.00116

Total Utlization Factor = 0.2072

R_t	R_e	R_c	R_b
0.561	3.52	0.644	0.834

2.11 Local node 9

This node is of : Type0
This element finished the simulation at simulation time: 1300045.626169.

2.11.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.11.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00837	0.00139	0

D_t	D_e	D_c	D_b
1.65	15.6	0.824	0

U_t	U_e	U_c	U_b
0.694	0.13	0.00115	0

Total Utlization Factor = 0.8251

R_t	R_e	R_c	R_b
15.5	45.4	17.7	0

2.12 Local node 10

This node is of : Type0
This element finished the simulation at simulation time: 1300047.540053.

2.12.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.12.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00837	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.797	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00115	0

Total Utlization Factor = 0.8241

R_t	R_e	R_c	R_b
15.5	45.3	17.1	0

2.13 Local node 11

This node is of : Type0
This element finished the simulation at simulation time: 1300047.196626.

2.13.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.13.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00815	0.00136	0

D_t	D_e	D_c	D_b
1.65	15.4	0.821	0

U_t	U_e	U_c	U_b
0.691	0.126	0.00112	0

Total Utlization Factor = 0.8181

R_t	R_e	R_c	R_b
14.9	44.3	15.3	0

2.14 Local node 12

This node is of : Type0
This element finished the simulation at simulation time: 1300046.123358.

2.14.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.14.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.6	0.769	0

U_t	U_e	U_c	U_b
0.692	0.131	0.00111	0

Total Utlization Factor = 0.8241

R_t	R_e	R_c	R_b
15.3	44.7	16	0

2.15 Local node 13

This node is of : Type0
This element finished the simulation at simulation time: 1300047.200527.

2.15.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.15.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00828	0.00138	0

D_t	D_e	D_c	D_b
1.65	15.6	0.824	0

U_t	U_e	U_c	U_b
0.694	0.129	0.00114	0

Total Utlization Factor = 0.8241

R_t	R_e	R_c	R_b
15.4	45.1	16.6	0

2.16 Local node 14

This node is of : Type0
This element finished the simulation at simulation time: 1300047.322814.

2.16.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.16.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0.00146	0

D_t	D_e	D_c	D_b
1.65	15.4	0.817	0

U_t	U_e	U_c	U_b
0.695	0.129	0.00119	0

Total Utlization Factor = 0.8252

R_t	R_e	R_c	R_b
15.5	45.2	16.2	0

2.17 Local node 15

This node is of : Type0
This element finished the simulation at simulation time: 1300047.403376.

2.17.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.17.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00844	0.00146	0

D_t	D_e	D_c	D_b
1.65	15.4	0.811	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00119	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
15.4	44.7	16.4	0

2.18 Local node 16

This node is of : Type0
This element finished the simulation at simulation time: 1300044.563944.

2.18.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.18.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00848	0.00148	0

D_t	D_e	D_c	D_b
1.65	15.6	0.779	0

U_t	U_e	U_c	U_b
0.694	0.132	0.00116	0

Total Utlization Factor = 0.8272

R_t	R_e	R_c	R_b
16.1	47	16.8	0

2.19 Local node 17

This node is of : Type0
This element finished the simulation at simulation time: 1300047.252557.

2.19.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.19.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.0086	0.00139	0

D_t	D_e	D_c	D_b
1.65	15.5	0.827	0

U_t	U_e	U_c	U_b
0.695	0.134	0.00115	0

Total Utlization Factor = 0.8301

R_t	R_e	R_c	R_b
16.8	48.9	17.2	0

2.20 Local node 18

This node is of : Type0
This element finished the simulation at simulation time: 1300047.764482.

2.20.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.20.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00845	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.7	0.801	0

U_t	U_e	U_c	U_b
0.695	0.133	0.00115	0

Total Utlization Factor = 0.8291

R_t	R_e	R_c	R_b
16.2	46.9	16.1	0

2.21 Local node 19

This node is of : Type0
This element finished the simulation at simulation time: 1300047.188466.

2.21.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.21.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00854	0.00145	0

D_t	D_e	D_c	D_b
1.65	15.4	0.763	0

U_t	U_e	U_c	U_b
0.695	0.131	0.00111	0

Total Utlization Factor = 0.8271

R_t	R_e	R_c	R_b
15.9	45.9	16.8	0

2.22 Local node 20

This node is of : Type0
This element finished the simulation at simulation time: 1300047.654657.

2.22.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.22.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00834	0.00146	0

D_t	D_e	D_c	D_b
1.65	15.4	0.839	0

U_t	U_e	U_c	U_b
0.691	0.129	0.00122	0

Total Utlization Factor = 0.8212

R_t	R_e	R_c	R_b
15.4	45.5	15.1	0

2.23 Local node 21

This node is of : Type0
This element finished the simulation at simulation time: 1300047.226227.

2.23.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.23.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00828	0.00137	0

D_t	D_e	D_c	D_b
1.65	15.6	0.779	0

U_t	U_e	U_c	U_b
0.692	0.129	0.00107	0

Total Utlization Factor = 0.8221

R_t	R_e	R_c	R_b
15.2	44.9	15.3	0

2.24 Local node 22

This node is of : Type0
This element finished the simulation at simulation time: 1300047.765565.

2.24.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.24.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00856	0.0014	0

D_t	D_e	D_c	D_b
1.65	15.5	0.796	0

U_t	U_e	U_c	U_b
0.695	0.132	0.00111	0

Total Utlization Factor = 0.8281

R_t	R_e	R_c	R_b
16.2	47	18	0

2.25 Local node 23

This node is of : Type0
This element finished the simulation at simulation time: 1300047.451067.

2.25.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.25.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00817	0.00143	0

D_t	D_e	D_c	D_b
1.65	15.4	0.848	0

U_t	U_e	U_c	U_b
0.693	0.126	0.00122	0

Total Utlization Factor = 0.8202

R_t	R_e	R_c	R_b
15	44	15.7	0

2.26 Local node 24

This node is of : Type0
This element finished the simulation at simulation time: 1300047.569572.

2.26.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.26.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00822	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.792	0

U_t	U_e	U_c	U_b
0.695	0.127	0.00114	0

Total Utlization Factor = 0.8231

R_t	R_e	R_c	R_b
15.3	45.4	16.1	0

2.27 Local node 25

This node is of : Type0
This element finished the simulation at simulation time: 1300047.10312.

2.27.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.27.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00819	0.00147	0

D_t	D_e	D_c	D_b
1.65	15.5	0.782	0

U_t	U_e	U_c	U_b
0.692	0.127	0.00115	0

Total Utlization Factor = 0.8201

R_t	R_e	R_c	R_b
14.9	43.5	15	0

2.28 Local node 26

This node is of : Type0
This element finished the simulation at simulation time: 1300047.510376.

2.28.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.28.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00833	0.00135	0

D_t	D_e	D_c	D_b
1.65	15.5	0.791	0

U_t	U_e	U_c	U_b
0.693	0.129	0.00107	0

Total Utlization Factor = 0.8231

R_t	R_e	R_c	R_b
15.2	44.6	15.8	0

2.29 Local node 27

This node is of : Type0
This element finished the simulation at simulation time: 1300043.718859.

2.29.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.29.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00832	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.4	0.814	0

U_t	U_e	U_c	U_b
0.692	0.128	0.00117	0

Total Utlization Factor = 0.8212

R_t	R_e	R_c	R_b
15.3	45.3	16.1	0

2.30 Local node 28

This node is of : Type0
This element finished the simulation at simulation time: 1300045.31286.

2.30.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.30.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00847	0.00139	0

D_t	D_e	D_c	D_b
1.65	15.6	0.816	0

U_t	U_e	U_c	U_b
0.691	0.132	0.00114	0

Total Utlization Factor = 0.8241

R_t	R_e	R_c	R_b
15.2	45	15.2	0

2.31 Local node 29

This node is of : Type0
This element finished the simulation at simulation time: 1300047.273716.

2.31.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.31.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00849	0.00146	0

D_t	D_e	D_c	D_b
1.65	15.5	0.802	0

U_t	U_e	U_c	U_b
0.692	0.131	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
16.1	47.1	16.9	0

2.32 Local node 30

This node is of : Type0
This element finished the simulation at simulation time: 1300047.880375.

2.32.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.32.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0.00139	0

D_t	D_e	D_c	D_b
1.65	15.4	0.853	0

U_t	U_e	U_c	U_b
0.693	0.129	0.00118	0

Total Utlization Factor = 0.8232

R_t	R_e	R_c	R_b
15.4	45.7	15.9	0

2.33 Local node 31

This node is of : Type0
This element finished the simulation at simulation time: 1300043.794386.

2.33.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.33.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00844	0.00148	0

D_t	D_e	D_c	D_b
1.65	15.5	0.838	0

U_t	U_e	U_c	U_b
0.694	0.131	0.00124	0

Total Utlization Factor = 0.8262

R_t	R_e	R_c	R_b
15.7	45.8	15.6	0

2.34 Local node 32

This node is of : Type0
This element finished the simulation at simulation time: 1300043.955706.

2.34.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.34.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00843	0.00146	0

D_t	D_e	D_c	D_b
1.65	15.4	0.792	0

U_t	U_e	U_c	U_b
0.692	0.13	0.00116	0

Total Utlization Factor = 0.8232

R_t	R_e	R_c	R_b
15.4	45.1	16.4	0

2.35 Local node 33

This node is of : Type0
This element finished the simulation at simulation time: 1300046.464008.

2.35.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.35.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00837	0.00135	0

D_t	D_e	D_c	D_b
1.65	15.6	0.808	0

U_t	U_e	U_c	U_b
0.695	0.131	0.00109	0

Total Utlization Factor = 0.8271

R_t	R_e	R_c	R_b
15.8	46.1	16.6	0

2.36 Local node 34

This node is of : Type0
This element finished the simulation at simulation time: 1300047.618176.

2.36.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.36.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00841	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.79	0

U_t	U_e	U_c	U_b
0.694	0.13	0.00113	0

Total Utlization Factor = 0.8251

R_t	R_e	R_c	R_b
15.7	45.6	16.4	0

2.37 Local node 35

This node is of : Type0
This element finished the simulation at simulation time: 1300046.948171.

2.37.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.37.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00851	0.00153	0

D_t	D_e	D_c	D_b
1.65	15.4	0.84	0

U_t	U_e	U_c	U_b
0.695	0.131	0.00128	0

Total Utlization Factor = 0.8273

R_t	R_e	R_c	R_b
16.1	46.2	16.8	0

2.38 Local node 36

This node is of : Type0
This element finished the simulation at simulation time: 1300047.641428.

2.38.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.38.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00833	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.874	0

U_t	U_e	U_c	U_b
0.691	0.129	0.00126	0

Total Utlization Factor = 0.8213

R_t	R_e	R_c	R_b
14.8	43.8	16.4	0

2.39 Local node 37

This node is of : Type0
This element finished the simulation at simulation time: 1300047.492049.

2.39.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.39.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.0086	0.00142	0

D_t	D_e	D_c	D_b
1.65	15.5	0.82	0

U_t	U_e	U_c	U_b
0.692	0.134	0.00117	0

Total Utlization Factor = 0.8272

R_t	R_e	R_c	R_b
16.1	46.5	17.2	0

2.40 Local node 38

This node is of : Type0
This element finished the simulation at simulation time: 1300047.245299.

2.40.1 Given parameters

S_t	S_e	S_c	S_b	$aggr_t$	$aggr_e$	$aggr_c$	$aggr_b$
1.65	8.15	0.815	3.3	5	3	4	2

2.40.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0.00144	0

D_t	D_e	D_c	D_b
1.65	15.5	0.815	0

U_t	U_e	U_c	U_b
0.693	0.13	0.00117	0

Total Utlization Factor = 0.8242

R_t	R_e	R_c	R_b
9.39	88.1	4.64	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00848	0.0014	0

D_t	D_e	D_c	D_b
1.65	15.4	0.827	0

U_t	U_e	U_c	U_b
0.695	0.13	0.00116	0

Total Utlization Factor = 0.8262

R_t	R_e	R_c	R_b
16.6	47.3	17.2	0

2.41 Actuator 45

This actuator is of Type0
This element finished the simulation at simulation time: 1299641.59197.

2.41.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.41.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00134	0

Total Utlization Factor = 0.00134

R_t	R_e	R_c	R_b
0	0	0.6	0

2.42 Actuator 52

This actuator is of Type0
This element finished the simulation at simulation time: 1299820.60298.

2.42.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.42.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.611	0

U_t	U_e	U_c	U_b
0	0	0.00139	0

Total Utlization Factor = 0.00139

R_t	R_e	R_c	R_b
0	0	0.611	0

2.43 Actuator 59

This actuator is of Type0
This element finished the simulation at simulation time: 1300046.785403.

2.43.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.43.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00215	0

D_t	D_e	D_c	D_b
0	0	0.596	0

U_t	U_e	U_c	U_b
0	0	0.00128	0

Total Utlization Factor = 0.00128

R_t	R_e	R_c	R_b
0	0	0.597	0

2.44 Actuator 66

This actuator is of Type0
This element finished the simulation at simulation time: 1300017.393505.

2.44.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.44.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.57	0

U_t	U_e	U_c	U_b
0	0	0.0013	0

Total Utlization Factor = 0.0013

R_t	R_e	R_c	R_b
0	0	0.57	0

2.45 Actuator 73

This actuator is of Type0
This element finished the simulation at simulation time: 1299648.342138.

2.45.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.45.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0022	0

D_t	D_e	D_c	D_b
0	0	0.602	0

U_t	U_e	U_c	U_b
0	0	0.00132	0

Total Utlization Factor = 0.00132

R_t	R_e	R_c	R_b
0	0	0.602	0

2.46 Actuator 80

This actuator is of Type0
This element finished the simulation at simulation time: 1300007.353077.

2.46.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.46.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.58	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.58	0

2.47 Actuator 87

This actuator is of Type0
This element finished the simulation at simulation time: 1300011.190656.

2.47.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.47.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.586	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.587	0

2.48 Actuator 94

This actuator is of Type0
This element finished the simulation at simulation time: 1299884.266748.

2.48.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.48.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.615	0

U_t	U_e	U_c	U_b
0	0	0.0014	0

Total Utlization Factor = 0.0014

R_t	R_e	R_c	R_b
0	0	0.616	0

2.49 Actuator 101

This actuator is of Type0
This element finished the simulation at simulation time: 1299719.303786.

2.49.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.49.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00225	0

D_t	D_e	D_c	D_b
0	0	0.593	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.595	0

2.50 Actuator 108

This actuator is of Type0
This element finished the simulation at simulation time: 1300009.022232.

2.50.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.50.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.59	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.591	0

2.51 Actuator 115

This actuator is of Type0
This element finished the simulation at simulation time: 1299991.818791.

2.51.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.51.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00232	0

D_t	D_e	D_c	D_b
0	0	0.601	0

U_t	U_e	U_c	U_b
0	0	0.0014	0

Total Utlization Factor = 0.0014

R_t	R_e	R_c	R_b
0	0	0.602	0

2.52 Actuator 122

This actuator is of Type0
This element finished the simulation at simulation time: 1299978.972451.

2.52.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.52.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.58	0

U_t	U_e	U_c	U_b
0	0	0.00133	0

Total Utlization Factor = 0.00133

R_t	R_e	R_c	R_b
0	0	0.581	0

2.53 Actuator 129

This actuator is of Type0
This element finished the simulation at simulation time: 1299928.288272.

2.53.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.53.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00221	0

D_t	D_e	D_c	D_b
0	0	0.618	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.619	0

2.54 Actuator 136

This actuator is of Type0
This element finished the simulation at simulation time: 1300047.709995.

2.54.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.54.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.597	0

U_t	U_e	U_c	U_b
0	0	0.00138	0

Total Utlization Factor = 0.00138

R_t	R_e	R_c	R_b
0	0	0.599	0

2.55 Actuator 143

This actuator is of Type0
This element finished the simulation at simulation time: 1299741.661153.

2.55.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.55.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.604	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.604	0

2.56 Actuator 150

This actuator is of Type0
This element finished the simulation at simulation time: 1299902.220522.

2.56.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.56.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00227	0

D_t	D_e	D_c	D_b
0	0	0.596	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.596	0

2.57 Actuator 157

This actuator is of Type0
This element finished the simulation at simulation time: 1299907.427201.

2.57.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.57.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.59	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.591	0

2.58 Actuator 164

This actuator is of Type0
This element finished the simulation at simulation time: 1299988.260281.

2.58.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.58.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00219	0

D_t	D_e	D_c	D_b
0	0	0.606	0

U_t	U_e	U_c	U_b
0	0	0.00132	0

Total Utlization Factor = 0.00132

R_t	R_e	R_c	R_b
0	0	0.606	0

2.59 Actuator 171

This actuator is of Type0
This element finished the simulation at simulation time: 1300044.128388.

2.59.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.59.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00227	0

D_t	D_e	D_c	D_b
0	0	0.628	0

U_t	U_e	U_c	U_b
0	0	0.00143	0

Total Utlization Factor = 0.00143

R_t	R_e	R_c	R_b
0	0	0.628	0

2.60 Actuator 178

This actuator is of Type0
This element finished the simulation at simulation time: 1299930.29189.

2.60.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.60.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00221	0

D_t	D_e	D_c	D_b
0	0	0.593	0

U_t	U_e	U_c	U_b
0	0	0.00131	0

Total Utlization Factor = 0.00131

R_t	R_e	R_c	R_b
0	0	0.593	0

2.61 Actuator 185

This actuator is of Type0
This element finished the simulation at simulation time: 1299990.2726.

2.61.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.61.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00234	0

D_t	D_e	D_c	D_b
0	0	0.595	0

U_t	U_e	U_c	U_b
0	0	0.00139	0

Total Utlization Factor = 0.00139

R_t	R_e	R_c	R_b
0	0	0.596	0

2.62 Actuator 192

This actuator is of Type0
This element finished the simulation at simulation time: 1300001.280605.

2.62.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.62.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.584	0

U_t	U_e	U_c	U_b
0	0	0.00132	0

Total Utlization Factor = 0.00132

R_t	R_e	R_c	R_b
0	0	0.584	0

2.63 Actuator 199

This actuator is of Type0
This element finished the simulation at simulation time: 1299966.976814.

2.63.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.63.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.584	0

U_t	U_e	U_c	U_b
0	0	0.00136	0

Total Utlization Factor = 0.00136

R_t	R_e	R_c	R_b
0	0	0.584	0

2.64 Actuator 206

This actuator is of Type0
This element finished the simulation at simulation time: 1300033.582062.

2.64.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.64.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.594	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.595	0

2.65 Actuator 213

This actuator is of Type0
This element finished the simulation at simulation time: 1299870.793118.

2.65.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.65.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0022	0

D_t	D_e	D_c	D_b
0	0	0.581	0

U_t	U_e	U_c	U_b
0	0	0.00128	0

Total Utlization Factor = 0.00128

R_t	R_e	R_c	R_b
0	0	0.586	0

2.66 Actuator 220

This actuator is of Type0
This element finished the simulation at simulation time: 1300034.630411.

2.66.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.66.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.592	0

U_t	U_e	U_c	U_b
0	0	0.00135	0

Total Utlization Factor = 0.00135

R_t	R_e	R_c	R_b
0	0	0.593	0

2.67 Actuator 227

This actuator is of Type0
This element finished the simulation at simulation time: 1299940.297885.

2.67.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.67.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00243	0

D_t	D_e	D_c	D_b
0	0	0.603	0

U_t	U_e	U_c	U_b
0	0	0.00147	0

Total Utlization Factor = 0.00147

R_t	R_e	R_c	R_b
0	0	0.603	0

2.68 Actuator 234

This actuator is of Type0
This element finished the simulation at simulation time: 1299938.796864.

2.68.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.68.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.612	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.614	0

2.69 Actuator 241

This actuator is of Type0
This element finished the simulation at simulation time: 1299734.085073.

2.69.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.69.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.605	0

U_t	U_e	U_c	U_b
0	0	0.00141	0

Total Utlization Factor = 0.00141

R_t	R_e	R_c	R_b
0	0	0.606	0

2.70 Actuator 248

This actuator is of Type0
This element finished the simulation at simulation time: 1299988.365154.

2.70.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.6	0

2.70.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.6	0

U_t	U_e	U_c	U_b
0	0	0.00137	0

Total Utlization Factor = 0.00137

R_t	R_e	R_c	R_b
0	0	0.601	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.577	0

U_t	U_e	U_c	U_b
0	0	0.00131	0

Total Utlization Factor = 0.00131

R_t	R_e	R_c	R_b
0	0	0.578	0

2.71 Lan IN 258

This element finished the simulation at simulation time: 1300042.390534.

2.71.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.71.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00224	0

D_t	D_e	D_c	D_b
0	0	0.00949	0

U_t	U_e	U_c	U_b
0	0	$2.13e-05$	0

Total Utlization Factor = $2.13e-05$

R_t	R_e	R_c	R_b
0	0	0.00949	0

2.72 Lan OUT 258

2.72.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.72.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00837	0	0

D_t	D_e	D_c	D_b
0.02	0.0195	0	0

U_t	U_e	U_c	U_b
0.0084	0.000164	0	0

Total Utlization Factor = 0.008564

R_t	R_e	R_c	R_b
0.0202	0.0198	0	0

2.73 Lan IN 259

This element finished the simulation at simulation time: 1300047.540053.

2.73.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.73.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.00992	0

U_t	U_e	U_c	U_b
0	0	$2.26e-05$	0

Total Utlization Factor = $2.26e-05$

R_t	R_e	R_c	R_b
0	0	0.00992	0

2.74 Lan OUT 259

2.74.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.74.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00837	0	0

D_t	D_e	D_c	D_b
0.0201	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000167	0	0

Total Utlization Factor = 0.008567

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.75 Lan IN 260

This element finished the simulation at simulation time: 1300047.196626.

2.75.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.75.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00216	0

D_t	D_e	D_c	D_b
0	0	0.0103	0

U_t	U_e	U_c	U_b
0	0	$2.22e-05$	0

Total Utlization Factor = $2.22e-05$

R_t	R_e	R_c	R_b
0	0	0.0103	0

2.76 Lan OUT 260

2.76.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.76.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00815	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00838	0.000161	0	0

Total Utlization Factor = 0.008541

R_t	R_e	R_c	R_b
0.0202	0.02	0	0

2.77 Lan IN 261

This element finished the simulation at simulation time: 1300045.266165.

2.77.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.77.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.33e-05$	0

Total Utlization Factor = $2.33e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.78 Lan OUT 261

2.78.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.78.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00839	0.000167	0	0

Total Utlization Factor = 0.008557

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0

2.79 Lan IN 262

This element finished the simulation at simulation time: 1300046.830164.

2.79.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.79.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0022	0

D_t	D_e	D_c	D_b
0	0	0.0105	0

U_t	U_e	U_c	U_b
0	0	$2.3e-05$	0

Total Utlization Factor = $2.3e-05$

R_t	R_e	R_c	R_b
0	0	0.0105	0

2.80 Lan OUT 262

2.80.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.80.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00829	0	0

D_t	D_e	D_c	D_b
0.02	0.0202	0	0

U_t	U_e	U_c	U_b
0.00843	0.000168	0	0

Total Utlization Factor = 0.008598

R_t	R_e	R_c	R_b
0.0202	0.0204	0	0

2.81 Lan IN 263

This element finished the simulation at simulation time: 1300047.322814.

2.81.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.81.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.00978	0

U_t	U_e	U_c	U_b
0	0	$2.24e-05$	0

Total Utlization Factor = $2.24e-05$

R_t	R_e	R_c	R_b
0	0	0.00978	0

2.82 Lan OUT 263

2.82.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.82.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.83 Lan IN 264

This element finished the simulation at simulation time: 1300044.609658.

2.83.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.83.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00232	0

D_t	D_e	D_c	D_b
0	0	0.0104	0

U_t	U_e	U_c	U_b
0	0	$2.42e-05$	0

Total Utlization Factor = $2.42e-05$

R_t	R_e	R_c	R_b
0	0	0.0104	0

2.84 Lan OUT 264

2.84.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.84.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00844	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.00838	0.000172	0	0

Total Utlization Factor = 0.008552

R_t	R_e	R_c	R_b
0.0202	0.0205	0	0

2.85 Lan IN 265

This element finished the simulation at simulation time: 1300044.211339.

2.85.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.85.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.00981	0

U_t	U_e	U_c	U_b
0	0	$2.24e-05$	0

Total Utlization Factor = $2.24e-05$

R_t	R_e	R_c	R_b
0	0	0.00981	0

2.86 Lan OUT 265

2.86.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.86.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00848	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00842	0.00017	0	0

Total Utlization Factor = 0.00859

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.87 Lan IN 266

This element finished the simulation at simulation time: 1300044.145605.

2.87.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.87.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00225	0

D_t	D_e	D_c	D_b
0	0	0.00994	0

U_t	U_e	U_c	U_b
0	0	$2.24e-05$	0

Total Utlization Factor = $2.24e-05$

R_t	R_e	R_c	R_b
0	0	0.00994	0

2.88 Lan OUT 266

2.88.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.88.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00861	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00843	0.000172	0	0

Total Utlization Factor = 0.008602

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.89 Lan IN 267

This element finished the simulation at simulation time: 1300043.386794.

2.89.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.89.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.00989	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.00989	0

2.90 Lan OUT 267

2.90.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.90.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00845	0	0

D_t	D_e	D_c	D_b
0.02	0.0202	0	0

U_t	U_e	U_c	U_b
0.00842	0.00017	0	0

Total Utlization Factor = 0.00859

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.91 Lan IN 268

This element finished the simulation at simulation time: 1300047.188466.

2.91.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.91.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00232	0

D_t	D_e	D_c	D_b
0	0	0.00997	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.00997	0

2.92 Lan OUT 268

2.92.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.92.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00854	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00843	0.000171	0	0

Total Utlization Factor = 0.008601

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.93 Lan IN 269

This element finished the simulation at simulation time: 1300047.654657.

2.93.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.93.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0023	0

D_t	D_e	D_c	D_b
0	0	0.00987	0

U_t	U_e	U_c	U_b
0	0	$2.27e-05$	0

Total Utlization Factor = $2.27e-05$

R_t	R_e	R_c	R_b
0	0	0.00987	0

2.94 Lan OUT 269

2.94.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.94.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00834	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00838	0.000168	0	0

Total Utlization Factor = 0.008548

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.95 Lan IN 270

This element finished the simulation at simulation time: 1300046.05065.

2.95.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.95.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00221	0

D_t	D_e	D_c	D_b
0	0	0.0104	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.0104	0

2.96 Lan OUT 270

2.96.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.96.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00828	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.00839	0.000168	0	0

Total Utlization Factor = 0.008558

R_t	R_e	R_c	R_b
0.0201	0.0205	0	0

2.97 Lan IN 271

This element finished the simulation at simulation time: 1300047.765565.

2.97.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.97.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.0104	0

U_t	U_e	U_c	U_b
0	0	$2.39e-05$	0

Total Utlization Factor = $2.39e-05$

R_t	R_e	R_c	R_b
0	0	0.0104	0

2.98 Lan OUT 271

2.98.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.98.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00856	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00844	0.000171	0	0

Total Utlization Factor = 0.008611

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0

2.99 Lan IN 272

This element finished the simulation at simulation time: 1300047.451067.

2.99.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.99.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.26e-05$	0

Total Utlization Factor = $2.26e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

2.100 Lan OUT 272

2.100.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.100.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00817	0	0

D_t	D_e	D_c	D_b
0.02	0.0199	0	0

U_t	U_e	U_c	U_b
0.00841	0.000162	0	0

Total Utlization Factor = 0.008572

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0

2.101 Lan IN 273

This element finished the simulation at simulation time: 1300045.585809.

2.101.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.101.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00227	0

D_t	D_e	D_c	D_b
0	0	0.00988	0

U_t	U_e	U_c	U_b
0	0	$2.25e-05$	0

Total Utlization Factor = $2.25e-05$

R_t	R_e	R_c	R_b
0	0	0.00988	0

2.102 Lan OUT 273

2.102.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.102.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00822	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00841	0.000163	0	0

Total Utlization Factor = 0.008573

R_t	R_e	R_c	R_b
0.0202	0.02	0	0

2.103 Lan IN 274

This element finished the simulation at simulation time: 1300047.10312.

2.103.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.103.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.0103	0

U_t	U_e	U_c	U_b
0	0	$2.36e-05$	0

Total Utlization Factor = $2.36e-05$

R_t	R_e	R_c	R_b
0	0	0.0103	0

2.104 Lan OUT 274

2.104.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.104.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00819	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00841	0.000165	0	0

Total Utlization Factor = 0.008575

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.105 Lan IN 275

This element finished the simulation at simulation time: 1300044.716099.

2.105.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.105.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00218	0

D_t	D_e	D_c	D_b
0	0	0.00984	0

U_t	U_e	U_c	U_b
0	0	$2.15e-05$	0

Total Utlization Factor = $2.15e-05$

R_t	R_e	R_c	R_b
0	0	0.00984	0

2.106 Lan OUT 275

2.106.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.106.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00832	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00842	0.000167	0	0

Total Utlization Factor = 0.008587

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.107 Lan IN 276

This element finished the simulation at simulation time: 1300043.720679.

2.107.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.107.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00227	0

D_t	D_e	D_c	D_b
0	0	0.0101	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.0101	0

2.108 Lan OUT 276

2.108.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.108.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00833	0	0

D_t	D_e	D_c	D_b
0.02	0.0203	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0205	0	0

2.109 Lan IN 277

This element finished the simulation at simulation time: 1300045.31286.

2.109.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.109.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00221	0

D_t	D_e	D_c	D_b
0	0	0.00987	0

U_t	U_e	U_c	U_b
0	0	$2.19e-05$	0

Total Utlization Factor = $2.19e-05$

R_t	R_e	R_c	R_b
0	0	0.00987	0

2.110 Lan OUT 277

2.110.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.110.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00846	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00841	0.00017	0	0

Total Utlization Factor = 0.00858

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.111 Lan IN 278

This element finished the simulation at simulation time: 1300045.143566.

2.111.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.111.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00234	0

D_t	D_e	D_c	D_b
0	0	0.00988	0

U_t	U_e	U_c	U_b
0	0	$2.31e-05$	0

Total Utlization Factor = $2.31e-05$

R_t	R_e	R_c	R_b
0	0	0.00989	0

2.112 Lan OUT 278

2.112.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.112.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00849	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00839	0.00017	0	0

Total Utlization Factor = 0.00856

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0

2.113 Lan IN 279

This element finished the simulation at simulation time: 1300047.880375.

2.113.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.113.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.0101	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.0101	0

2.114 Lan OUT 279

2.114.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.114.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00838	0	0

D_t	D_e	D_c	D_b
0.02	0.0196	0	0

U_t	U_e	U_c	U_b
0.00842	0.000164	0	0

Total Utlization Factor = 0.008584

R_t	R_e	R_c	R_b
0.0202	0.0197	0	0

2.115 Lan IN 280

This element finished the simulation at simulation time: 1300040.986044.

2.115.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.115.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00233	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.34e-05$	0

Total Utlization Factor = $2.34e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

2.116 Lan OUT 280

2.116.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.116.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00844	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00839	0.000168	0	0

Total Utlization Factor = 0.008558

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.117 Lan IN 281

This element finished the simulation at simulation time: 1300043.955706.

2.117.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.117.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00231	0

D_t	D_e	D_c	D_b
0	0	0.00999	0

U_t	U_e	U_c	U_b
0	0	$2.3e-05$	0

Total Utlization Factor = $2.3e-05$

R_t	R_e	R_c	R_b
0	0	0.00999	0

2.118 Lan OUT 281

2.118.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.118.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00843	0	0

D_t	D_e	D_c	D_b
0.02	0.0201	0	0

U_t	U_e	U_c	U_b
0.00841	0.000169	0	0

Total Utlization Factor = 0.008579

R_t	R_e	R_c	R_b
0.0202	0.0203	0	0

2.119 Lan IN 282

This element finished the simulation at simulation time: 1300046.464008.

2.119.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.119.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.0022	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.25e-05$	0

Total Utlization Factor = $2.25e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.120 Lan OUT 282

2.120.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.120.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00838	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.00842	0.000168	0	0

Total Utlization Factor = 0.008588

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.121 Lan IN 283

This element finished the simulation at simulation time: 1300046.292889.

2.121.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.121.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00229	0

D_t	D_e	D_c	D_b
0	0	0.00991	0

U_t	U_e	U_c	U_b
0	0	$2.27e-05$	0

Total Utlization Factor = $2.27e-05$

R_t	R_e	R_c	R_b
0	0	0.00991	0

2.122 Lan OUT 283

2.122.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.122.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00842	0	0

D_t	D_e	D_c	D_b
0.02	0.0198	0	0

U_t	U_e	U_c	U_b
0.00842	0.000167	0	0

Total Utlization Factor = 0.008587

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0

2.123 Lan IN 284

This element finished the simulation at simulation time: 1300046.948171.

2.123.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.123.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00243	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.48e-05$	0

Total Utlization Factor = $2.48e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.124 Lan OUT 284

2.124.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.124.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.0085	0	0

D_t	D_e	D_c	D_b
0.0199	0.0198	0	0

U_t	U_e	U_c	U_b
0.00838	0.000168	0	0

Total Utlization Factor = 0.008548

R_t	R_e	R_c	R_b
0.0201	0.0199	0	0

2.125 Lan IN 285

This element finished the simulation at simulation time: 1300047.229876.

2.125.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.125.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00223	0

D_t	D_e	D_c	D_b
0	0	0.00998	0

U_t	U_e	U_c	U_b
0	0	$2.23e-05$	0

Total Utlization Factor = $2.23e-05$

R_t	R_e	R_c	R_b
0	0	0.00998	0

2.126 Lan OUT 285

2.126.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.126.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.42	0.00833	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000167	0	0

Total Utlization Factor = 0.008567

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

2.127 Lan IN 286

This element finished the simulation at simulation time: 1300047.492049.

2.127.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.127.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00232	0

D_t	D_e	D_c	D_b
0	0	0.0102	0

U_t	U_e	U_c	U_b
0	0	$2.37e-05$	0

Total Utlization Factor = $2.37e-05$

R_t	R_e	R_c	R_b
0	0	0.0102	0

2.128 Lan OUT 286

2.128.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.128.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.419	0.00859	0	0

D_t	D_e	D_c	D_b
0.02	0.0197	0	0

U_t	U_e	U_c	U_b
0.00838	0.000169	0	0

Total Utlization Factor = 0.008549

R_t	R_e	R_c	R_b
0.0202	0.0199	0	0

2.129 Lan IN 287

This element finished the simulation at simulation time: 1300047.245299.

2.129.1 Given parameters

S_t	S_e	S_c	S_b
0	0	0.01	0

2.129.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00228	0

D_t	D_e	D_c	D_b
0	0	0.01	0

U_t	U_e	U_c	U_b
0	0	$2.28e-05$	0

Total Utlization Factor = $2.28e-05$

R_t	R_e	R_c	R_b
0	0	0.01	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0	0	0.00226	0

D_t	D_e	D_c	D_b
0	0	0.00973	0

U_t	U_e	U_c	U_b
0	0	$2.2e-05$	0

Total Utlization Factor = $2.2e-05$

R_t	R_e	R_c	R_b
0	0	0.00973	0

2.130 Lan OUT 287

2.130.1 Given parameters

S_t	S_e	S_c	S_b
0.02	0.02	0	0

2.130.2 Computed parameters

Analytical Model

λ_t	λ_e	λ_c	λ_b
0.42	0.0084	0	0

D_t	D_e	D_c	D_b
0.02	0.02	0	0

U_t	U_e	U_c	U_b
0.0084	0.000168	0	0

Total Utlization Factor = 0.008568

R_t	R_e	R_c	R_b
0.0202	0.0202	0	0

Simulated Model

λ_t	λ_e	λ_c	λ_b
0.421	0.00849	0	0

D_t	D_e	D_c	D_b
0.02	0.0199	0	0

U_t	U_e	U_c	U_b
0.0084	0.000169	0	0

Total Utlization Factor = 0.008569

R_t	R_e	R_c	R_b
0.0202	0.0201	0	0