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Sensitivity Analysis Tables

Table S1. Sensitivity analysis on λ and δ

λ	Cold Standby				Hot Standby				δ	Cold Standby				Hot Standby			
	β	ν	μ	TC	β	ν	μ	TC		β	ν	μ	TC	β	ν	μ	TC
0.25	2	0.042	1.219	274.641	3	0.045	1.047	152.553	0.1	5	0.050	5.970	354.604	2	0.042	12.981	1256.604
0.5	2	0.042	2.045	319.612	3	0.045	1.635	171.665	0.15	5	0.050	5.362	301.543	3	0.045	9.976	987.552
0.75	2	0.042	2.839	363.065	3	0.045	2.148	187.828	0.2	5	0.050	5.144	285.455	3	0.045	9.076	873.020
1	2	0.042	3.605	405.938	3	0.045	2.625	202.494	0.25	5	0.050	5.068	279.739	3	0.045	8.362	790.346
1.25	3	0.045	3.319	440.326	4	0.048	3.022	216.044	0.3	5	0.050	5.036	277.386	3	0.045	7.813	729.507
1.5	3	0.045	3.824	458.734	4	0.048	3.442	227.888	0.35	5	0.050	5.020	276.298	3	0.045	6.916	684.785
1.75	3	0.045	4.319	476.809	4	0.048	3.849	239.194	0.4	5	0.050	5.013	275.747	3	0.045	7.040	648.664
2	3	0.045	4.809	494.639	4	0.048	4.245	250.073	0.45	4	0.048	5.059	274.433	3	0.045	6.763	621.212
2.25	3	0.045	5.294	512.281	4	0.048	4.632	260.606	0.5	4	0.048	5.044	273.299	3	0.045	6.537	599.379
2.5	3	0.045	5.776	529.776	4	0.048	5.012	270.848	0.55	4	0.048	5.035	272.517	3	0.045	6.351	581.753
2.75	3	0.045	6.306	547.168	4	0.048	5.385	280.842	0.6	4	0.048	5.026	271.962	3	0.045	6.196	567.332
3	3	0.045	6.731	564.433	4	0.048	5.754	290.622	0.65	4	0.048	5.021	271.557	3	0.045	6.064	555.393
3.25	3	0.045	7.205	581.633	4	0.048	6.118	300.215	0.7	4	0.048	5.017	271.255	3	0.045	5.953	545.404
3.5	3	0.045	7.693	598.767	4	0.048	6.477	309.642	0.75	4	0.048	5.014	271.025	3	0.045	5.858	536.966
3.75	3	0.045	8.148	615.841	4	0.048	6.833	318.920	0.8	4	0.048	5.012	270.848	3	0.045	5.776	529.776
4	3	0.045	8.618	632.868	4	0.048	7.186	328.064	0.85	4	0.048	5.010	270.708	3	0.045	5.705	523.603
4.25	3	0.045	9.087	649.852	4	0.048	7.535	337.088	0.9	4	0.048	5.008	270.597	3	0.045	5.643	518.266
4.5	3	0.045	9.555	666.799	4	0.048	7.883	346.001	0.95	4	0.048	5.007	270.508	3	0.045	5.589	513.620
4.75	3	0.045	9.751	692.951	4	0.048	8.226	354.812	1	4	0.048	5.006	270.435	3	0.045	5.536	509.553
5	3	0.045	10.488	700.601	4	0.048	8.568	363.531	1.05	4	0.048	5.005	270.376	3	0.045	5.498	505.973

Table S2. Sensitivity analysis on ω and C_p

ω	Cold Standby				Hot Standby				C_p	Cold Standby				Hot Standby			
	β	ν	μ	TC	β	ν	μ	TC		β	ν	μ	TC	β	ν	μ	TC
0.01	5	0.050	5.022	276.644	4	0.048	8.352	919.898	1	4	0.048	5.012	255.103	3	0.045	5.781	518.610
0.02	5	0.050	5.005	275.371	4	0.048	6.144	671.339	2	4	0.048	5.012	259.039	3	0.045	5.776	521.401
0.03	4	0.048	5.032	272.427	4	0.048	5.570	618.285	3	4	0.048	5.012	262.975	3	0.045	5.778	524.193
0.04	4	0.048	5.018	271.349	3	0.045	6.133	562.174	4	4	0.048	5.012	266.912	3	0.045	5.776	526.985
0.05	4	0.048	5.012	270.848	3	0.045	5.761	529.778	5	4	0.048	5.012	270.848	3	0.045	5.775	529.776
0.06	4	0.048	5.008	270.575	3	0.045	5.565	511.442	6	4	0.048	5.012	274.784	3	0.045	5.776	532.568
0.07	4	0.048	5.006	270.410	3	0.045	5.430	500.069	7	4	0.048	5.012	278.720	3	0.045	5.776	535.360
0.08	3	0.045	5.066	270.086	2	0.042	6.569	494.106	8	4	0.048	5.012	282.656	3	0.045	5.777	538.152
0.09	3	0.045	5.053	269.056	2	0.042	6.302	469.458	9	4	0.048	5.012	286.592	3	0.045	5.777	540.943
0.1	3	0.045	5.044	268.317	2	0.042	6.100	451.277	10	4	0.048	5.012	290.529	3	0.045	5.776	543.735
0.11	3	0.045	5.038	267.769	2	0.042	5.941	437.473	11	4	0.048	5.012	294.465	3	0.045	5.776	546.527
0.12	3	0.045	5.031	267.350	2	0.042	5.815	426.743	12	4	0.048	5.012	298.401	3	0.045	5.776	549.318
0.13	3	0.045	5.027	267.024	2	0.042	5.713	418.234	13	4	0.048	5.012	302.337	3	0.045	5.778	552.110
0.14	3	0.045	5.023	266.764	2	0.042	5.639	411.374	14	3	0.045	5.161	304.035	3	0.045	5.776	554.902
0.15	3	0.045	5.020	266.554	2	0.042	5.560	405.761	15	3	0.045	5.161	306.969	3	0.045	5.776	557.694
0.16	3	0.045	5.018	266.382	2	0.042	5.502	401.110	16	3	0.045	5.161	309.904	3	0.045	5.776	560.485
0.17	3	0.045	5.016	266.238	2	0.042	5.454	397.214	17	3	0.045	5.161	312.838	3	0.045	5.771	563.277
0.18	3	0.045	5.015	266.118	2	0.042	5.411	393.917	18	3	0.045	5.114	315.790	3	0.045	5.776	566.069
0.19	3	0.045	5.013	266.016	2	0.042	5.375	391.103	19	3	0.045	5.161	318.707	3	0.045	5.776	568.860
0.2	3	0.045	5.012	265.929	2	0.042	5.343	388.681	20	3	0.045	5.162	321.641	3	0.045	5.776	571.652

Table S3. Sensitivity analysis on C_H and C_R

C_H	Cold Standby				Hot Standby				C_R	Cold Standby				Hot Standby			
	β	ν	μ	TC	β	ν	μ	TC		β	ν	μ	TC	β	ν	μ	TC
5	3	0.045	3.346	199.389	2	0.042	4.418	354.208	10	4	0.048	5.012	270.622	3	0.045	5.776	528.369
10	3	0.045	3.694	213.924	2	0.042	5.031	400.301	20	4	0.048	5.012	270.647	3	0.045	5.776	528.525
15	4	0.048	3.876	225.106	3	0.045	4.310	448.007	30	4	0.048	5.012	270.672	3	0.045	5.776	528.681
20	4	0.048	4.089	233.661	3	0.045	4.584	462.298	40	4	0.048	5.012	270.697	3	0.045	5.776	528.838
25	4	0.048	4.276	241.205	3	0.045	4.826	475.281	50	4	0.048	5.012	270.722	3	0.045	5.776	528.994
30	4	0.048	4.446	248.028	3	0.045	5.046	487.336	60	4	0.048	5.011	270.747	3	0.045	5.776	529.151
35	4	0.048	4.602	254.307	3	0.045	5.246	498.687	70	4	0.048	5.012	270.772	3	0.045	5.776	529.307
40	4	0.048	4.747	260.154	3	0.045	5.421	509.482	80	4	0.048	5.012	270.797	3	0.045	5.776	529.464
45	4	0.048	4.883	265.649	3	0.045	5.609	519.819	90	4	0.048	5.012	270.823	3	0.045	5.776	529.620
50	4	0.048	5.012	270.848	3	0.045	5.776	529.776	100	4	0.048	5.012	270.848	3	0.045	5.777	529.776
55	4	0.048	5.134	275.795	3	0.045	5.935	539.408	110	4	0.048	5.012	270.873	3	0.045	5.776	529.933
60	4	0.048	5.248	280.524	3	0.045	6.105	548.761	120	4	0.048	5.012	270.898	3	0.045	5.775	530.089
65	4	0.048	5.341	285.065	3	0.045	6.232	557.862	130	4	0.048	5.012	270.923	3	0.045	5.776	530.246
70	4	0.048	5.475	289.429	3	0.045	6.371	566.745	140	4	0.048	5.010	270.948	3	0.045	5.776	530.402
75	4	0.048	5.573	293.645	3	0.045	6.505	575.433	150	4	0.048	5.012	270.973	3	0.045	5.776	530.609
80	4	0.048	5.677	297.724	3	0.045	6.634	583.944	160	4	0.048	5.012	270.995	3	0.045	5.776	530.715
85	4	0.048	5.775	301.679	3	0.045	6.786	592.298	170	4	0.048	5.012	271.024	3	0.045	5.775	530.871
90	4	0.048	5.870	305.521	3	0.045	6.884	600.499	180	4	0.048	5.012	271.049	3	0.045	5.780	531.028
95	4	0.048	5.959	309.258	3	0.045	7.006	608.569	190	4	0.048	5.012	271.074	3	0.045	5.779	531.184
100	4	0.048	6.052	312.899	3	0.045	7.122	616.516	200	4	0.048	5.012	271.099	3	0.045	5.776	531.341

Table S4. Sensitivity analysis on F_M and F_{EC}

F_M	Cold Standby				Hot Standby				F_{EC}	Cold Standby				Hot Standby			
	β	ν	μ	TC	β	ν	μ	TC		β	ν	μ	TC	β	ν	μ	TC
10	4	0.048	5.012	270.959	3	0.045	5.777	537.608	0.2	4	0.048	8.116	95.313	4	0.048	8.576	168.992
20	4	0.048	5.012	271.084	3	0.045	5.776	546.310	0.4	4	0.048	6.471	143.922	3	0.045	7.659	271.705
30	4	0.048	5.011	271.208	3	0.045	5.776	555.011	0.6	4	0.048	5.742	188.202	3	0.045	6.719	360.274
40	4	0.048	5.012	271.332	3	0.045	5.775	563.713	0.8	4	0.048	5.308	230.241	3	0.045	6.159	445.950
50	4	0.048	5.012	271.456	3	0.045	5.776	572.414	1	4	0.048	5.012	270.848	3	0.045	5.775	529.776
60	4	0.048	5.012	271.580	3	0.045	5.776	581.116	1.2	4	0.048	4.793	310.437	3	0.045	5.494	612.289
70	4	0.048	5.012	271.704	3	0.045	5.713	589.842	1.4	4	0.048	4.623	349.256	3	0.045	5.274	693.807
80	4	0.048	5.012	271.828	3	0.045	5.784	598.520	1.6	4	0.048	4.486	387.464	3	0.045	5.097	774.537
90	4	0.048	5.012	271.953	3	0.045	5.776	607.221	1.8	4	0.048	4.372	425.173	3	0.045	4.947	854.623
100	4	0.048	5.006	272.077	3	0.045	5.777	615.923	2	4	0.048	4.276	462.465	3	0.045	4.826	934.170
110	4	0.048	5.012	272.201	4	0.048	5.223	615.907	2.2	4	0.048	4.194	499.400	3	0.045	4.720	1013.256
120	4	0.048	5.012	272.325	4	0.048	5.223	618.362	2.4	4	0.048	4.121	536.027	3	0.045	4.626	1091.944
130	4	0.048	5.013	272.449	4	0.048	5.223	620.816	2.6	4	0.048	4.058	572.383	3	0.045	4.544	1170.283
140	4	0.048	5.005	272.574	4	0.048	5.222	623.271	2.8	4	0.048	4.001	608.499	3	0.045	4.471	1248.312
150	4	0.048	5.011	272.697	4	0.048	5.223	625.726	3	4	0.048	3.950	644.401	3	0.045	4.406	1326.063
160	4	0.048	5.012	272.822	4	0.048	5.222	628.181	3.2	4	0.048	3.904	680.109	3	0.045	4.325	1390.764
170	4	0.048	5.012	272.946	4	0.048	5.223	630.636	3.4	4	0.048	3.862	715.641	3	0.045	4.292	1480.839
180	4	0.048	5.012	273.070	4	0.048	5.223	633.091	3.6	4	0.048	3.824	751.012	3	0.045	4.242	1557.907
190	4	0.048	5.012	273.194	4	0.048	5.223	635.545	3.8	4	0.048	3.789	786.237	2	0.042	5.495	1578.150
200	4	0.048	5.012	273.318	4	0.048	5.223	638.000	4	4	0.048	3.756	821.326	2	0.042	5.436	1639.990

Table S5. Sensitivity analysis on C and W

C	Cold Standby				Hot Standby				W	Cold Standby				Hot Standby			
	β	ν	μ	TC	β	ν	μ	TC		β	ν	μ	TC	β	ν	μ	TC
50	4	0.07 1	5.05 4	274.23 6	3	0.06 7	6.93 5	638.53 3	10	1	2.04 3	43.94 1	158526390.19 7	1	2.04 3	43.94 1	158526390.19 7
75	4	0.06 5	5.03 8	272.98 5	3	0.06 1	6.66 6	605.11 5	15	1	0.03 7	20.02 5	2337.081	1	0.03 7	20.02 5	2337.081
100	4	0.06 1	5.03 0	272.32 0	3	0.05 7	6.37 9	584.94 9	20	2	0.04 2	7.046	430.788	2	0.04 2	8.160	659.830
125	4	0.05 8	5.02 5	271.90 3	3	0.05 4	6.23 2	571.15 1	25	2	0.04 2	6.929	430.716	2	0.04 2	8.160	659.830
150	4	0.05 6	5.02 1	271.61 5	3	0.05 2	6.12 3	560.95 4	30	3	0.04 5	5.161	277.626	2	0.04 2	8.160	659.830
175	4	0.05 4	5.02 0	271.40 4	3	0.05 1	6.03 6	553.03 2	35	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
200	4	0.05 2	5.01 6	271.24 2	3	0.04 9	5.96 7	546.65 3	40	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
225	4	0.05 1	5.01 5	271.11 3	3	0.04 8	5.90 7	541.37 8	45	4	0.04 8	5.012	270.848	3	0.04 5	5.774	529.776
250	4	0.05 0	5.01 3	271.00 8	3	0.04 7	5.85 7	536.92 5	50	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
275	4	0.04 9	5.01 3	270.92 1	3	0.04 6	5.81 4	533.10 3	55	4	0.04 8	5.012	270.848	3	0.04 5	5.775	529.776
300	4	0.04 8	5.01 1	270.84 8	3	0.04 5	5.77 6	529.77 6	60	4	0.04 8	5.012	270.848	3	0.04 5	5.775	529.776
325	4	0.04 7	5.01 0	270.78 5	3	0.04 4	5.74 2	526.84 9	65	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
350	4	0.04 6	5.01 0	270.73 0	3	0.04 3	5.75 2	524.25 7	70	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
375	4	0.04 5	5.01 0	270.68 2	3	0.04 3	5.68 6	521.91 7	75	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776

40 0	4	0.04 5	5.00 9	270.64 0	3	0.04 2	5.66 2	519.81 3	80	4	0.04 8	5.012	270.848	3	0.04 5	5.745	529.783
42 5	4	0.04 4	5.00 9	270.60 2	3	0.04 1	5.64 0	517.90 3	85	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
45 0	4	0.04 3	5.00 8	270.56 8	3	0.04 1	5.62 0	516.15 9	90	4	0.04 8	5.012	270.848	3	0.04 5	5.832	529.796
47 5	4	0.04 3	5.00 8	270.53 8	3	0.04 0	5.60 1	514.55 8	95	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
50 0	4	0.04 2	5.00 8	270.51 0	3	0.04 0	5.58 4	513.08 2	10 0	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
52 5	4	0.04 2	5.00 7	270.48 5	3	0.04 0	5.56 8	511.71 6	10 5	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776
55 0	4	0.04 2	5.00 7	270.46 2	3	0.03 9	5.55 2	510.44 8	11 0	4	0.04 8	5.012	270.848	3	0.04 5	5.776	529.776