

Estimation Summary Report

03 December 2012 08:09:49 am

AIC: 184.666

Log-likelihood: -61.3329

Sac Release: -46.8908

Geo Release: -3.78793

Ryde Release: -4.2666

SutterUp: 0

SteamUp: 0

Chippis for Sac Release: -2.92438

Chippis for Geo Release: -0.81093

Chippis for Ryde Release: -2.6522

Dimension of the Minimum Sufficient Statistic: 64

Number of parameters: 31

Categories and Corresponding Counts by Likelihood

"Sac Release"

Total observed counts: 160

Category	Counts	Category	Counts	Category	Counts
AAAA0A	0	AAAA00	1	AAA00A	0
AAA000	0	AACCD A	0	AACCD0	0
AACCOA	0	AACCO0	2	AAC0DA	0
AAC0D0	0	AAC00A	0	AAC000	1
AAD0DA	0	AAD0D0	0	AAD00A	0
AAD000	0	AAaA0A	10	AAaA00	7
AAa00A	1	AAa000	22	AAd0DA	1
AAd0D0	6	AAd00A	1	AAd000	12
AA0A0A	0	AA0A00	0	AA0CDA	0
AA0CD0	0	AA0C0A	0	AA0C00	0
AA00DA	0	AA00D0	0	AA000A	0
AA0000	12	AB10B0A	1	AB10B00	0
AB1000A	0	AB10000	7	AB20B0A	0
AB20B00	1	AB2000A	0	AB20000	2
A0AA0A	0	A0AA00	1	A0A00A	0
A0A000	0	A0CCDA	0	A0CCD0	0

A0CC0A	0	A0CC00	0	A0C0DA	0
A0C0D0	0	A0C00A	0	A0C000	0
A0D0DA	0	A0D0D0	0	A0D00A	0
A0D000	0	A0aA0A	3	A0aA00	2
A0a00A	0	A0a000	2	A0d0DA	0
A0d0D0	2	A0d00A	0	A0d000	1
A00A0A	0	A00A00	1	A00B0A	0
A00B00	0	A00CDA	0	A00CD0	0
A00C0A	0	A00C00	1	A000DA	0
A000D0	1	A0000A	0	A00000	59

"Geo Release"

Total observed counts: 101

Category	Counts	Category	Counts	Category	Counts
00D0DA	3	00D0D0	20	00D00A	0
00D000	78				

"Ryde Release"

Total observed counts: 69

Category	Counts	Category	Counts	Category	Counts
00AA0A	12	00AA00	19	00A00A	0
00A000	38				

"SutterUp"

Total observed counts: 8

Category	Counts	Category	Counts	Category	Counts
B11a B11b	8	B11a 0	0	0 B11b	0

"SteamUp"

Total observed counts: 3

Category	Counts	Category	Counts	Category	Counts
B21a B21b	3	B21a 0	0	0 B21b	0

"Chippis for Sac Release"

Total observed counts: 16

Category	Counts	Category	Counts	Category	Counts
A5as A5bs	8	A5as 0	4	0 A5bs	4

"Chippis for Geo Release"

Total observed counts: 3

Category	Counts	Category	Counts	Category	Counts
A5ag A5bg	1	A5ag 0	2	0 A5bg	0

"Chippis for Ryde Release"

Total observed counts: 12

Category	Counts	Category	Counts	Category	Counts
A5ar A5br	6	A5ar 0	3	0 A5br	3

Parameter Estimates

Parameter	Estimate	s.e.
SA1	0.647655	0.0396815
psiB11	0.0772016	0.0262575
psiB21	0.0289506	0.0164739
SA2	0.871957	0.0478158
w	0.0814737	0.0329966
psiA2o	0.31613	0.190449
psiA2c	0.65896	0.0577229
SA4	0.587872	0.122118
SB3	0.562499	0.400481
SB11	0.125	0.116928
SB21	0.333333	0.272144
SC1	1.43276	29.1515
SD2	0.112506	0.107172
SA3c	0.5055	0.0772131
SD1c	0.79048	0.539482

PA2	0.820513	0.043452
PA3	0.961444	0.037804
PA4	0.933132	0.064522
PC1	0.666665	0.272143
PC2	0.465301	9.46719
PD1	0.909091	0.0866785
PD2	0.500021	0.353617
PA5as	0.666667	0.136078
PA5bs	0.666667	0.13608
SD1g	0.227723	0.041728
SD2g	0.130435	0.070224
PA5bg	0.333333	0.27215
SA3r	0.449275	0.0598823
SA4r	0.43548	0.106966
PA5ar	0.666673	0.157131
PA5br	0.66667	0.157132

Profile Likelihood Confidence Intervals

Symbol	Estimate	Alpha	Lower Bound	Upper Bound
SA	0.134225	0.05	0.11790	0.14974
SB1	0.0352551	0.05	0.03094	0.03938
SB2	0.0940136	0.05	0.08252	0.10501
SD	0.0534829	0.05	0.04698	0.05967
SB	0.0512801	0.05	0.04502	0.05728
psiA	0.564043	0.05	0.52506	0.59002
psiB1	0.0772016	0.05	0.03601	0.13911
psiB2	0.0289506	0.05	0.00727	0.07342
psiB	0.106152	0.05	0.06498	0.16793

psiC	0.0498029	0.05	0.04636	0.05210
psiD	0.280002	0.05	0.26065	0.29290
Sdelta	0.0961273	0.05	0.08443	0.10724

Convenience Functions

Name	Estimate	s.e.
PA4r	1	0
PB21a	1	0
PB21b	1	0
PB11a	1	0
PB11b	1	0
PA5ag	1	0
SA3o	1	0
PD2g	1	0
PB2	1	0
SD1o	0	0
SC2	0	0
PA5s	0.888889	0.0740716
PA5g	1	0
PA5r	0.888892	0.0855299
PB11	1	0
PB21	1	0
psiA1	0.893848	0.0303188
psiD2o	0	0
psiC2o	0.68387	0.190449
psiD2c	0.34104	0.0577229
psiC2c	0	0

psiA2	0.631028	0.0565092
psiD2	0.313254	0.0542949
psiC2	0.0557174	0.0284145
SAo	0.245928	0.0633247
SAc	0.124316	0.0370125
SA	0.134225	0.0387717
SB1	0.0352551	0.0341648
SB2	0.0940136	0.0803608
SC	0	0
SDo	0	0
SDc	0.0582269	0.0507068
SD	0.0534829	0.0466001
SB	0.0512801	0.0352731
psiA	0.564043	0.0540125
psiB1	0.0772016	0.0262575
psiB2	0.0289506	0.0164739
psiB	0.106152	0.0303188
psiC	0.0498029	0.0254543
psiD	0.280002	0.0494519
Sdelta	0.0961273	0.0271062
routing_sum_check	1	1.83168e-18