SPOTTED HYAENA_HRS_ALL

Column groups: **Models** | **Betas** | **Rankings**

Model (~p, ~psi)	p(Effort)	SEp(Effort)	p(Int)	SEp(Int)	p(SubAve)	SEp(SubAve)	psi(AllPrey)	SEpsi(AllPrey)	psi(C)	SEpsi(C)	psi(Crop)	SEpsi(Crop)	psi(Int)	SEpsi(Int)	psi(M)	SEpsi(M)	psi(PA)	SEpsi(PA)	psi(Post)	SEpsi(Post)	psi(R)	SEpsi(R)	psi(DistV)	SEpsi(DistV)	CondNum	negLogL	nPars	AIC	delta	AICwt	cumItvW	-2 Log Like
~Effort + SubAve ~ AllPrey + R + Post	0.25399905	0.0401	0.58093	0.50139	-0.4826	0.14939	2.59435	0.51809	NA	NA	NA	NA	3.40227	0.72105	NA	NA	NA	NA	-0.4536	0.32122	0.59472	0.33222	NA	NA	3528.03	240.972	7	495.944	0	0.16417	0.16417	481.944
~Effort + SubAve ~ AllPrey + R	0.25356791	0.04015	0.58884	0.5025	-0.484	0.1497	2.54487	0.50352	NA	NA	NA	NA	3.4023	0.73069	NA	NA	NA	NA	NA	NA	0.62166	0.32312	NA	NA	3536.4	242.024	6	496.048	0.10417	0.15584	0.32	484.048
~Effort + SubAve ~ AllPrey + C	0.25364901	0.04006	0.58941	0.50173	-0.4873	0.14929	2.45504	0.48063	0.61284	0.36765	NA	NA	3.38591	0.7022	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3253.19	242.553	6	497.106	1.16192	0.09183	0.41183	485.106
~Effort + SubAve ~ AllPrey + Post	0.25422732	0.04008	0.58793	0.5029	-0.487	0.1499	2.55638	0.4602	NA	NA	NA	NA	3.25443	0.62457	NA	NA	NA	NA	-0.5021	0.31431	NA	NA	NA	NA	2645.86	242.728	6	497.455	1.51162	0.0771	0.48893	485.455
~Effort + SubAve ~ AllPrey + C + Post	0.25434829	0.04004	0.57715	0.50123	-0.4833	0.14909	2.46637	0.47315	0.48617	0.37292	NA	NA	3.30332	0.65854	NA	NA	NA	NA	-0.4048	0.33802	NA	NA	NA	NA	2879.51	241.82	7	497.64	1.69609	0.0703	0.55923	483.64
~Effort + SubAve ~ AllPrey + R + C	0.25357461	0.04011	0.58765	0.50186	-0.4847	0.14943	2.51754	0.51304	0.24829	0.48384	NA	NA	3.4226	0.74479	NA	NA	NA	NA	NA	NA	0.4766	0.424	NA	NA	3657.02	241.891	7	497.782	1.83872	0.06547	0.6247	483.782
~Effort + SubAve ~ AllPrey + R + H + Post	0.25383409	0.04009	0.58352	0.50139	-0.4837	0.1496	2.60028	0.52657	NA	NA	NA	NA	3.41215	0.73461	-0.172	0.47534	NA	NA	-0.4597	0.31964	0.70411	0.45869	NA	NA	3768.96	240.905	8	497.811	1.86685	0.06455	0.68925	481.811
~Effort + SubAve ~ AllPrey + R + C + Post	0.25404477	0.04009	0.57978	0.5013	-0.4824	0.1493	2.57515	0.52888	0.07367	0.47642	NA	NA	3.39262	0.72038	NA	NA	NA	NA	-0.4453	0.32856	0.55045	0.43562	NA	NA	3655.31	240.96	8	497.92	1.97599	0.06112	0.75037	481.92
~Effort + SubAve ~ AllPrey + R + H	0.25353093	0.04016	0.58936	0.50254	-0.4841	0.14979	2.53482	0.50265	NA	NA	NA	NA	3.38996	0.73036	-0.1085	0.45895	NA	NA	NA	NA	0.68752	0.4311	NA	NA	3522.51	241.996	7	497.992	2.04814	0.05896	0.80933	481.996
~Effort + SubAve ~ AllPrey	0.25358445	0.04014	0.6032	0.50457	-0.4912	0.15053	2.49066	0.44072	NA	NA	NA	NA	3.21761	0.62817	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2581.43	244.073	5	498.145	2.2015	0.05461	0.86394	
~Effort + SubAve ~ AllPrey + H + Post	0.25432434	0.04008	0.58263	0.50233	-0.4846	0.14952	2.5966	0.483	NA	NA	NA	NA	3.35408	0.66957	0.32623	0.35066	NA	NA	-0.474	0.32059	NA	NA	NA	NA	3053.67	242.283	7	498.566	2.62254	0.04424	0.90817	
~Effort + SubAve ~ AllPrey + H	0.25358227	0.04012	0.59754	0.50356	-0.4891	0.14999	2.5847	0.48853	NA	NA	NA	NA	3.40154	0.70827	0.39123	0.35228	NA	NA	NA	NA	NA	NA	NA	NA	3381.47	243.425	6	498.851	2.9072	0.03837	0.94655	
~Effort + SubAve ~ PA + Post	0.25395867	0.0399	0.59217	0.49986	-0.4946	0.14967	NA	NA	NA	NA	NA	NA	3.75486	1.00071	NA	NA	2.66529	0.63565	-0.6401	0.3304	NA	NA	NA	NA	6510	244.86	6	501.72	5.77671	0.00914	0.95568	
~Effort + SubAve ~ PA + C + Post	0.25409526	0.03988	0.58374	0.49864	-0.4914	0.14913	NA	NA	0.45043	0.34795	NA	NA	3.76057	1.02649	NA	NA	2.52989	0.64317	-0.5358	0.34594	NA	NA	NA	NA	6759.3	243.978	7	501.955	6.0114	0.00813	0.96381	
~Effort + SubAve ~ PA + R + Post	0.25369219	0.03988	0.59115	0.49892	-0.4941	0.1496	NA	NA	NA	NA	NA	NA	3.80592	1.11192	NA	NA	2.63691	0.69905	-0.6111	0.33819	0.3583	0.30253	NA	NA	8021.93	244.125	7	502.251	6.30725	0.00701	0.97082	
~Effort + SubAve ~ PA + C	0.25365934	0.03991	0.59158	0.49944	-0.4935	0.14948	NA	NA	0.59967	0.33763	NA	NA	3.79002	1.07982	NA	NA	2.48608	0.6556	NA	NA	NA	NA	NA	NA	7384.35	245.273	6	502.547	6.60319	0.00605	0.97687	
~Effort + SubAve ~ PA + R + H + Post	0.25106605	0.03956	0.63698	0.49582	-0.5173	0.14861	NA	NA	NA	NA	NA	NA	4.83327	1.79558	-0.7459	0.64049	3.29744	1.12755	-0.713	0.36333	0.87773	0.55095	NA	NA	23214.8	243.363	8	502.726	6.78244	0.00553	0.98239	
~Effort + SubAve ~ PA + H + Post	0.2541122	0.03991	0.59008	0.50001	-0.4942	0.14982	NA	NA	NA	NA	NA	NA	3.77203	1.02498	0.02814	0.33435	2.67204	0.65723	-0.6396	0.33441	NA	NA	NA	NA	6880.2	244.857	7	503.714	7.76998	0.00337	0.98577	
~Effort + SubAve ~ PA + R + C + Post	0.25395466	0.03988	0.58568	0.49861	-0.4921	0.14927	NA	NA	0.31851	0.46035	NA	NA	3.77637	1.07175	NA	NA	2.55249	0.67681	-0.5555	0.35023	0.1717	0.39925	NA	NA	7423.78	243.884	8	503.767	7.82359	0.00328	0.98905	
~Effort + SubAve ~ PA + R	0.25374989	0.03996	0.59293	0.50036	-0.4927	0.14997	NA	NA	NA	NA	NA	NA	3.69557	1.06301	NA	NA	2.54001	0.65843	NA	NA	0.39932	0.28677	NA	NA	7202.98	246.02	6	504.068	8.09676	0.00286	0.99192	
~Effort + SubAve ~ PA	0.25400964	0.03997	0.59578	0.50148	-0.4942	0.15005	NA	NA	NA	NA	NA	NA	3.60924	0.92863	NA	NA	2.56298	0.58426	NA	NA	NA	NA	NA	NA	5530.62	247.034	5	504.068	8.1241	0.00283	0.99474	
~Effort + SubAve ~ PA + R + C	0.25364909	0.03992	0.59144	0.49945	-0.4933	0.14953	NA	NA	0.53994	0.44627	NA	NA	3.7827	1.09098	NA	NA	2.48617	0.66301	NA	NA	0.07791	0.38437	NA	NA	7541	245.253	7	504.506	8.56203	0.00227	0.99701	
~Effort + SubAve ~ PA + R + H	0.25162073	0.0402	0.62863	0.50968	-0.5117	0.15989	NA	NA	NA	NA	NA	NA	4.45206	3.20067	-0.511	0.73823	3.00338	1.93982	NA	NA	0.75832	0.66834	NA	NA	70134.9	245.607	7	505.214	9.27069	0.00159	0.9986	
~Effort + SubAve ~ PA + H	0.25411326	0.03997	0.59252	0.50126	-0.4926	0.14986	NA	NA	NA	NA	NA	NA	3.59885	0.91189	0.11404	0.31207	2.54111	0.57562	NA	NA	NA	NA	NA	NA	5337.37	246.967	6	505.935	9.99103	0.00111	0.99972	
~Effort + SubAve ~ Crop	0.25261763	0.04037	0.5884	0.50525	-0.4774	0.14936	NA	NA	NA	NA	-2.0728	0.34325	2.17272	0.33029	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1245.97	251.096	5	512.191	16.2477	4.87E-05	0.99976	
~Effort + SubAve ~ Crop + Post	0.25346357	0.04034	0.57093	0.50451	-0.472	0.14911	NA	NA	NA	NA	-2.1051	0.35618	2.17512	0.33146	NA	NA	NA	NA	-0.3669	0.29185	NA	NA	NA	NA	1242.44	250.306	6	512.612	16.6679	3.94E-05	0.9998	
~Effort + SubAve ~ Crop + R	0.25288493	0.04038	0.57927	0.5044	-0.4728	0.1489	NA	NA	NA	NA	-2.0211	0.34273	2.22402	0.34144	NA	NA	NA	NA	NA	NA	0.37528	0.3119	NA	NA	1243.69	250.347	6	512.694	16.7503	3.78E-05	0.99984	
~Effort + SubAve ~ Crop + R + Post	0.25358328	0.04035	0.56631	0.50389	-0.469	0.14876	NA	NA	NA	NA	-2.0593	0.35727	2.2238	0.34221	NA	NA	NA	NA	-0.373	0.29081	0.37776	0.30884	NA	NA	1239.44	249.53	7	513.061	17.1171	3.15E-05	0.99987	
~Effort + SubAve ~ Crop + C	0.25268238	0.04034	0.58586	0.50478	-0.4772	0.14917	NA	NA	0.12025	0.35727	-2.0283	0.36389	2.1847	0.33591	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1246.13	251.039	6	514.077	18.1333	1.90E-05	0.99989	
~Effort + SubAve ~ Crop + H	0.25261676	0.04036	0.58767	0.50506	-0.4773	0.14926	NA	NA	NA	NA	-2.0676	0.34335	2.17861	0.33251	0.09196	0.3104	NA	NA	NA	NA	NA	NA	NA	NA	1246.4	251.052	6	514.104	18.1599	1.87E-05	0.99991	
~Effort + SubAve ~ Crop + H + Post	0.25351249	0.04033	0.57015	0.50427	-0.4721	0.14898	NA	NA	NA	NA	-2.099	0.35617	2.1812	0.33401	0.13596	0.31193	NA	NA	-0.3833	0.29663	NA	NA	NA	NA	1242.67	250.211	7	514.422	18.4787	1.59E-05	0.99993	
~Effort + SubAve ~ Crop + C + Post	0.25349922	0.04031	0.56897	0.50409	-0.4721	0.14895	NA	NA	0.11292	0.34226	-2.0646	0.37352	2.18613	0.33699	NA	NA	NA	NA	-0.3713	0.29654	NA	NA	NA	NA	1242	250.251	7	514.502	18.5579	1.53E-05	0.99994	
~Effort + SubAve ~ Crop + R + H	0.25292482	0.04039	0.57835	0.50448	-0.4721	0.14896	NA	NA	NA	NA	-2.024	0.34343	2.23639	0.34542	-0.1505	0.36297	NA	NA	NA	NA	0.45585	0.36976	NA	NA	1242.1	250.261	7	514.522	18.578	1.52E-05	0.99996	
~Effort + SubAve ~ Crop + R + C	0.25287376	0.04041	0.57989	0.5048	-0.472	0.14902	NA	NA	-0.1577	0.39726	-2.0727	0.3721	2.22983	0.34202	NA	NA	NA	NA	NA	NA	0.45327	0.37109	NA	NA	1275.44	250.27	7	514.54	18.5962	1.50E-05	0.99997	
~Effort + SubAve ~ Crop + R + C + Post	0.25354504	0.04039	0.56648	0.50423	-0.4679	0.14885	NA	NA	-0.1549	0.37967	-2.1097	0.38301	2.23175	0.34282	NA	NA	NA	NA	-0.3649	0.28535	0.45668	0.36709	NA	NA	1242.72	249.449	8	514.898	18.9541	1.26E-05	0.99998	
~Effort + SubAve ~ Crop + R + H + Post	0.25351108	0.04036	0.5666	0.5039	-0.4688	0.14878	NA	NA	NA	NA	-2.0664	0.35897	2.2394	0.34778	-0.1151	0.37329	NA	NA	-0.3615	0.29103	0.43933	0.37378	NA	NA	1238.56	249.484	8	514.968	19.0238	1.21E-05	1	
~Effort + SubAve ~ DistV + C	0.2543606	0.04019	0.56414	0.50289	-0.4726	0.14854	NA	NA	0.82098	0.28887	NA	NA	3.38852	0.61472	NA	NA	NA	NA	NA	NA	NA	NA	2.43401	0.50838	2828.98	253.543	6	519.087	23.1432	1.55E-06	1	
~Effort + SubAve ~ DistV + C + Post	0.25448558	0.04019	0.56127	0.50278	-0.4718	0.14849	NA	NA	0.77992	0.29513	NA	NA	3.31801	0.60986	NA	NA	NA	NA	-0.1551	0.27488	NA	NA	2.37872	0.50708	2807.76	253.384	7	520.769	24.8252	6.68E-07	1	
~Effort + SubAve ~ DistV + R + C	0.25434158	0.0402	0.56442	0.50392	-0.4724	0.14854	NA	NA	0.74306	0.35633	NA	NA	3.39149	0.61899	NA	NA	NA	NA	NA	NA	0.178	0.32782	2.44056	0.51314	2870.17	253.478	7	520.955	25.0115	6.08E-07	1	
~Effort + SubAve ~ DistV + R + C + Post	0.25446422	0.04019	0.56163	0.50281	-0.4716	0.14849	NA	NA	0.68795	0.35927	NA	NA	3.31903	0.61284	NA	NA	NA	NA	-0.1669	0.27391	0.13997	0.32852	2.38351	0.51141	2836.13	253.293	8	522.586	26.6424	2.69E-07	1	
~Effort + SubAve ~ DistV + R	0.2539783	0.04027	0.57461	0.50447	-0.4741	0.14909	NA	NA	NA	NA	NA	NA	3.26289	0.59848	NA	NA	NA	NA	NA	NA	0.54087	0.267	2.49263	0.50589	2728.78	255.909	6	523.817	27.8733	1.45E-07	1	
~Effort + SubAve ~ DistV + R + Post	0.25402484	0.04027	0.57214	0.50414	-0.4735	0.14897	NA	NA	NA	NA	NA	NA	3.20786	0.58892	NA	NA	NA	NA	-0.2535	0.2472	0.52022	0.27089	2.42864	0.50057	2642.6	255.377	7	524.753	28.8097	9.11E-08	1	
~Effort + SubAve ~ DistV + R + H	0.25391036	0.04028	0.57563	0.50455	-0.4743	0.14913	NA	NA	NA	NA	NA	NA	3.25401	0.60007	-0.0822	0.31823	NA	NA	NA	NA	0.58474	0.31767	2.48778	0.50681	2741.23	255.875	7	525.75	29.8064	5.53E-08	1	
~Effort + SubAve ~ DistV	0.25348597	0.04028	0.58847	0.50589	-0.4803	0.14974	NA	NA	NA	NA	NA	NA	3.11495	0.5555	NA	NA	NA	NA	NA	NA	NA	NA	2.48371	0.47861	2370.5	258.175	5	526.349	30.4053	4.10E-08	1	
~Effort + SubAve ~ DistV + R + H + Post	0.25393591	0.04027	0.57367	0.50422	-0.474	0.14904	NA	NA	NA	NA	NA	NA	3.2021	0.54893	-0.1168	0.32025	NA	NA	-0.262	0.24811	0.58175	0.32128	2.42763	0.50098	2654.27	255.31	8	526.6203	30.6764	3.58E-08	1	
~Effort + SubAve ~ DistV + Post	0.25359795	0.04026	0.58265	0.50515	-0.4786	0.14945	NA	NA	NA	NA	NA	NA	3.08283	0.54893	NA	NA	NA	NA	-0.303	0.24261	NA	NA	2.42822	0.47371	2306.06	257.382	6	526.764	30.8203	3.33E-08	1	
~Effort + SubAve ~ DistV + H	0.25380852	0.04026	0.58092	0.50524	-0.4774	0.1494	NA	NA	NA	NA	NA	NA	3.1909	0.57212	0.20572	0.27045	NA	NA	NA	NA	NA	NA	2.51594	0.48556	2504.65	257.723	6	527.445	31.5017	2.37E-08	1	
~Effort + SubAve ~ DistV + H + Post	0.25393176	0.04026	0.57665	0.50479	-0.4763	0.14924	NA	NA	NA	NA	NA	NA	3.13176	0.55997	0.20572	0.27045	NA	NA	-0.2762	0.2469	NA	NA	2.43978	0.47929	2398.51	257.093	7	528.186	32.2424	1.64E-08	1	
~Effort + SubAve ~ C + Post	0.25091329	0.04013	0.60889	0.50536	-0.4971	0.15024	NA	NA	1.08941	0.26795	NA	NA	2.00698	0.28932	NA	NA	NA	NA	-0.3811	0.23286	NA	NA	NA	NA	1229.36	278.935	6	569.871	73.9268	1.45E-17	1	
~Effort + SubAve ~ R + C + Post	0.25073366	0.0402	0.61277	0.50585	-0.4962	0.15032	NA	NA	0.89166	0.3043	NA	NA	1.98901	0.2888	NA	NA	NA	NA	-0.3874	0.23132	0.33058	0.29928	NA	NA	1224.59	278.295	7	570.589	74.6457	1.01E-17	1	
~Effort + SubAve ~ C	0.25018549	0.04021	0.62945	0.50649	-0.5036	0.15081	NA	NA	1.1285	0.27197	NA	NA	1.98787	0.29199	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1234.29	280.316	5	570.633	74.6888	9.93E-18	1	
~Effort + SubAve ~ R + C	0.25004714	0.04022	0.63178	0.50686	-0.5023	0.1509	NA	NA	0.93951	0.30954	NA	NA	1.97259	0.2889	NA	NA	NA	NA	NA	NA	0.31178	0.29542	NA	NA	1229.3	279.738	6	571.475	75.5316	6.51E-18	1	
~Effort + SubAve ~ R + H + Post	0.2489145	0.04052	0.65026	0.5108	-0.5013	0.15182	NA	NA	NA	NA	NA	NA	1.8237	0.25608	0.15673	0.23693	NA	NA	-0.3902	0.2061	0.83146	0.26751	NA	NA	1227.16	283.832	7	579.664	83.7206	1.09E-19	1	
~Effort + SubAve ~ R + Post	0.2488975	0.04051	0.65211	0.51064	-0.503	0.15181	NA	NA	NA	NA	NA	NA	1.82952	0.25797	NA	NA	NA	NA	-0.4162	0.21103	0.76424	0.28415	NA	NA	1225.95	283.611	6	581.222	85.2784	4.98E-20	1	
~Effort + SubAve ~ R	0.24863494	0.04057	0.66368	0.51253	-0.5056	0.15277	NA	NA	NA	NA	NA	NA	1.77256	0.24745	NA	NA	NA	NA	NA	NA	0.81575	0.26424	NA	NA	1231.66	285.669	5	581.337	85.3934	4.70E-20	1	
~Effort + SubAve ~ R + H	0.24852971	0.04056	0.66537	0.51246	-0.5066	0.15279	NA	NA	NA	NA	NA	NA	1.77545	0.24745	0.0756	0.22632	NA	NA	NA	NA	0.78447	0.27969	NA	NA	1231.03	285.612	6	583.225	87.2808	1.83E-20	1	
~Effort + SubAve ~ H + Post	0.24846064	0.04047	0.67129	0.51309	-0.5137	0.15314	NA	NA	NA	NA	NA	NA	1.75078	0.2292	0.42218	0.2192	NA	NA	-0.4553	0.20459	NA	NA	NA	NA	1240.29	287.944	6	587.888	91.9438	1.78E-21	1	
~Effort + SubAve ~ Post	0.24744934	0.04054	0.69856	0.51629	-0.523	0.15461	NA	NA	NA	NA	NA	NA	1.64911	0.21875	NA	NA	NA	NA	-0.3728	0.2045	NA	NA	NA	NA	1253.06	289.871	5	589.741	93.7974	7.04E-22	1	
~Effort + SubAve ~ H	0.24738177	0.04053	0.70589	0.51639	-0.5261	0.15472	NA	NA	NA	NA	NA	NA	1.63864	0.21702	0.3249	0.21	NA	NA	NA	NA	NA	NA	NA	NA	1252.49	290.321	5	590.642	94.698	4.49E-22	1	
~Effort + SubAve ~ 1	0.24650643	0.0406	0.72971	0.51906	-0.5346	0.15587	NA	NA	NA	NA	NA	NA	1.60882	0.21113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1262.98	291.542	4	591.084	95.1398	3.60E-22	1	
~1 ~ 1	NA	NA	1.62438	0.12074	NA	NA	NA	NA	NA	NA	NA	NA	1.54034	0.19773	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.70057	320.63	2	645.26	149.316	6.19E-34	1	

SPOTTED HYAENA_TUS

Model	AIC	deltaAIC	AIC wgt	Model Lik	no.Par.	-2 Log Like
psi,th0(Buff+Sbl),th1(),p(Sub),th0pi()	5264.58	0	0.132	1	8	5248.58
psi,th0(Buff+Sbl+Hum),th1(),p(Sub),th0pi()	5265.9	1.32	0.0682	0.5169	9	5247.9
psi,th0(Buff+R+Sbl),th1(),p(Sub),th0pi()	5266.08	1.5	0.0623	0.4724	9	5248.08
psi,th0(Buff+Sbl+Kud),th1(),p(Sub),th0pi()	5266.25	1.67	0.0573	0.4339	9	5248.25
psi,th0(Buff+C+Sbl),th1(),p(Sub),th0pi()	5266.48	1.9	0.051	0.3867	9	5248.48
psi,th0(Buff+R+Sbl+Hum),th1(),p(Sub),th0pi()	5267.04	2.46	0.0386	0.2923	10	5247.04
psi,th0(Buff+R+Sbl+Bound),th1(),p(Sub),th0pi()	5267.53	2.95	0.0302	0.2288	10	5247.53
psi,th0(Buff+R+Sbl+Kud),th1(),p(Sub),th0pi()	5267.82	3.24	0.0261	0.1979	10	5247.82
psi,th0(Buff+Sbl+Hum+Kud),th1(),p(Sub),th0pi()	5267.86	3.28	0.0256	0.194	10	5247.86
psi,th0(Buff+C+Sbl+Hum),th1(),p(Sub),th0pi()	5267.87	3.29	0.0255	0.193	10	5247.87
psi,th0(Buff+R+C+Sbl),th1(),p(Sub),th0pi()	5267.94	3.36	0.0246	0.1864	10	5247.94
psi,th0(Buff+Sbl+Bound+Kud),th1(),p(Sub),th0pi()	5267.99	3.41	0.024	0.1818	10	5247.99
psi,th0(Buff+C+Sbl+Bound),th1(),p(Sub),th0pi()	5268.03	3.45	0.0235	0.1782	10	5248.03
psi,th0(Buff+Sbl+Bound+Post),th1(),p(Sub),th0pi()	5268.05	3.47	0.0233	0.1764	10	5248.05
psi,th0(Buff+Imp+Kud),th1(),p(Sub),th0pi()	5268.19	3.61	0.0217	0.1645	9	5250.19
psi,th0(Buff+C+Sbl+Kud),th1(),p(Sub),th0pi()	5268.21	3.63	0.0215	0.1628	10	5248.21
psi,th0(Buff+C+Sbl+Post),th1(),p(Sub),th0pi()	5268.44	3.86	0.0192	0.1451	10	5248.44
psi,th0(Buff+Imp+Hum),th1(),p(Sub),th0pi()	5268.55	3.97	0.0181	0.1374	9	5250.55
psi,th0(Buff+R+Imp+Hum),th1(),p(Sub),th0pi()	5268.97	4.39	0.0147	0.1114	10	5248.97
psi,th0(Buff+R+C+Sbl+Hum),th1(),p(Sub),th0pi()	5268.99	4.41	0.0146	0.1103	11	5246.99
psi,th0(Buff+R+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5269.04	4.46	0.0142	0.1075	11	5247.04
psi,th0(Buff+R+Sbl+Hum+Kud),th1(),p(Sub),th0pi()	5269.04	4.46	0.0142	0.1075	11	5247.04
psi,th0(Buff+R+C+Sbl+Bound),th1(),p(Sub),th0pi()	5269.28	4.7	0.0126	0.0954	11	5247.28
psi,th0(Buff+R+Sbl+Bound+Post),th1(),p(Sub),th0pi()	5269.35	4.77	0.0122	0.0921	11	5247.35
psi,th0(Buff+R+Sbl+Bound+Kud),th1(),p(Sub),th0pi()	5269.41	4.83	0.0118	0.0894	11	5247.41
psi,th0(Buff+Imp+Hum+Kud),th1(),p(Sub),th0pi()	5269.56	4.98	0.0109	0.0829	10	5249.56
psi,th0(Buff+R+Imp+Kud),th1(),p(Sub),th0pi()	5269.66	5.08	0.0104	0.0789	10	5249.66
psi,th0(Buff+R+C+Sbl+Kud),th1(),p(Sub),th0pi()	5269.74	5.16	0.01	0.0758	11	5247.74
psi,th0(Buff+C+Sbl+Hum+Kud),th1(),p(Sub),th0pi()	5269.84	5.26	0.0095	0.0721	11	5247.84
psi,th0(Buff+C+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5269.87	5.29	0.0094	0.071	11	5247.87
psi,th0(Buff+R+C+Sbl+Post),th1(),p(Sub),th0pi()	5269.88	5.3	0.0093	0.0707	11	5247.88
psi,th0(Buff+C+Sbl+Bound+Kud),th1(),p(Sub),th0pi()	5269.9	5.32	0.0092	0.0699	11	5247.9
psi,th0(Buff+R+Imp),th1(),p(Sub),th0pi()	5269.9	5.32	0.0092	0.0699	9	5251.9
psi,th0(Buff+Sbl+Bound+Post+Kud),th1(),p(Sub),th0pi()	5269.92	5.34	0.0091	0.0693	11	5247.92
psi,th0(Buff+C+Sbl+Bound+Post),th1(),p(Sub),th0pi()	5269.95	5.37	0.009	0.0682	11	5247.95
psi,th0(Buff+Imp+Bound+Kud),th1(),p(Sub),th0pi()	5269.97	5.39	0.0089	0.0675	10	5249.97
psi,th0(Buff+Imp+Post+Kud),th1(),p(Sub),th0pi()	5270.1	5.52	0.0084	0.0633	10	5250.1
psi,th0(Buff+C+Sbl+Post+Kud),th1(),p(Sub),th0pi()	5270.2	5.62	0.0079	0.0602	11	5248.2
psi,th0(Buff+Imp+Post),th1(),p(Sub),th0pi()	5270.2	5.62	0.0079	0.0602	9	5252.2
psi,th0(Buff+Imp+Hum+Post),th1(),p(Sub),th0pi()	5270.5	5.92	0.0068	0.0518	10	5250.5
psi,th0(Buff+R+Imp+Hum+Kud),th1(),p(Sub),th0pi()	5270.52	5.94	0.0068	0.0513	11	5248.52
psi,th0(Buff+R+Hum+Imp+Post),th1(),p(Sub),th0pi()	5270.94	6.36	0.0055	0.0416	11	5248.94
psi,th0(Buff+R+Imp+Bound),th1(),p(Sub),th0pi()	5271.08	6.5	0.0051	0.0388	10	5251.08
psi,th0(Buff+R+Imp+Post),th1(),p(Sub),th0pi()	5271.25	6.67	0.0047	0.0356	10	5251.25
psi,th0(Buff+R+Imp+Bound+Kud),th1(),p(Sub),th0pi()	5271.3	6.72	0.0046	0.0347	11	5249.3
psi,th0(Buff+Imp+Bound+Post),th1(),p(Sub),th0pi()	5271.47	6.89	0.0042	0.0319	10	5251.47
psi,th0(Buff+R+Imp+Post+Kud),th1(),p(Sub),th0pi()	5271.53	6.95	0.0041	0.031	11	5249.53
psi,th0(Buff+Imp+Hum+Post+Kud),th1(),p(Sub),th0pi()	5271.56	6.98	0.004	0.0305	11	5249.56
psi,th0(Buff+Imp+Bound+Post+Kud),th1(),p(Sub),th0pi()	5271.83	7.25	0.0035	0.0266	11	5249.83
psi,th0(Buff+R+Imp+Bound+Post),th1(),p(Sub),th0pi()	5272.25	7.67	0.0029	0.0216	11	5250.25
psi,th0(Buff+C+Post),th1(),p(Sub),th0pi()	5273.01	8.43	0.0019	0.0148	9	5255.01
psi,th0(Buff+R+Hum),th1(),p(Sub),th0pi()	5273.27	8.69	0.0017	0.013	9	5255.27
psi,th0(Buff+C+Hum),th1(),p(Sub),th0pi()	5273.27	8.69	0.0017	0.013	9	5255.27
psi,th0(AllPrey+R+Sbl+Hum),th1(),p(Sub),th0pi()	5273.68	9.1	0.0014	0.0106	10	5253.68
psi,th0(Buff+Post),th1(),p(Sub),th0pi()	5273.86	9.28	0.0013	0.0097	8	5257.86
psi,th0(Buff+C+Hum+Post),th1(),p(Sub),th0pi()	5273.9	9.32	0.0012	0.0095	10	5253.9
psi,th0(AllPrey+R+Imp+Hum+Sbl),th1(),p(Sub),th0pi()	5273.9	9.32	0.0012	0.0095	11	5251.9
psi,th0(Buff+R+C+Post),th1(),p(Sub),th0pi()	5274.03	9.45	0.0012	0.0089	10	5254.03
psi,th0(Buff+C+Kud),th1(),p(Sub),th0pi()	5274.06	9.48	0.0012	0.0087	9	5256.06
psi,th0(Buff+R+C),th1(),p(Sub),th0pi()	5274.13	9.55	0.0011	0.0084	9	5256.13
psi,th0(Buff+R+Post),th1(),p(Sub),th0pi()	5274.21	9.63	0.0011	0.0081	9	5256.21
psi,th0(Buff+R),th1(),p(Sub),th0pi()	5274.32	9.74	0.001	0.0077	8	5258.32
psi,th0(Buff+R+C+Hum+Post),th1(),p(Sub),th0pi()	5274.38	9.8	0.001	0.0074	11	5252.38
psi,th0(Buff+C+Post+Kud),th1(),p(Sub),th0pi()	5274.47	9.89	0.0009	0.0071	10	5254.47
psi,th0(Buff+R+Hum+Post),th1(),p(Sub),th0pi()	5274.51	9.93	0.0009	0.007	10	5254.51
psi,th0(Buff+C+Hum+Kud),th1(),p(Sub),th0pi()	5274.74	10.16	0.0008	0.0062	10	5254.74

Model						
psi,th0(Buff+C+Bound+Post),th1(),p(Sub),th0pi()	5274.75	10.17	0.0008	0.0062	10	5254.75
psi,th0(AllPrey+R+Imp+Kud+Hum),th1(),p(Sub),th0pi()	5274.85	10.27	0.0008	0.0059	11	5252.85
psi,th0(Buff+R+C+Hum+Kud),th1(),p(Sub),th0pi()	5275.14	10.56	0.0007	0.0051	11	5253.14
psi,th0(Buff+R+Hum+Kud),th1(),p(Sub),th0pi()	5275.22	10.64	0.0006	0.0049	10	5255.22
psi,th0(Buff+R+C+Kud),th1(),p(Sub),th0pi()	5275.3	10.72	0.0006	0.0047	10	5255.3
psi,th0(Buff+Kud),th1(),p(Sub),th0pi()	5275.3	10.72	0.0006	0.0047	8	5259.3
psi,th0(Buff+R+Bound+Post),th1(),p(Sub),th0pi()	5275.48	10.9	0.0006	0.0043	10	5255.48
psi,th0(Buff+R+C+Bound+Post),th1(),p(Sub),th0pi()	5275.55	10.97	0.0005	0.0041	11	5253.55
psi,th0(AllPrey+R+Imp+Hum),th1(),p(Sub),th0pi()	5275.59	11.01	0.0005	0.0041	10	5255.59
psi,th0(AllPrey+R+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5275.61	11.03	0.0005	0.004	11	5253.61
psi,th0(Buff+R+C+Post+Kud),th1(),p(Sub),th0pi()	5275.64	11.06	0.0005	0.004	11	5253.64
psi,th0(AllPrey+R+C+Sbl+Hum),th1(),p(Sub),th0pi()	5275.67	11.09	0.0005	0.0039	11	5253.67
psi,th0(Buff+C+Hum+Post+Kud),th1(),p(Sub),th0pi()	5275.82	11.24	0.0005	0.0036	11	5253.82
psi,th0(Buff+Hum+Kud),th1(),p(Sub),th0pi()	5275.83	11.25	0.0005	0.0036	9	5257.83
psi,th0(Buff+R+C+Bound),th1(),p(Sub),th0pi()	5275.9	11.32	0.0005	0.0035	10	5255.9
psi,th0(Buff+R+Bound),th1(),p(Sub),th0pi()	5275.91	11.33	0.0005	0.0035	9	5257.91
psi,th0(AllPrey+R+Imp+Sbl),th1(),p(Sub),th0pi()	5276.07	11.49	0.0004	0.0032	10	5256.07
psi,th0(Buff+C+Bound+Post+Kud),th1(),p(Sub),th0pi()	5276.36	11.78	0.0004	0.0028	11	5254.36
psi,th0(Buff+R+Hum+Post+Kud),th1(),p(Sub),th0pi()	5276.44	11.86	0.0004	0.0027	11	5254.44
psi,th0(Buff+Hum+Post+Kud),th1(),p(Sub),th0pi()	5276.84	12.26	0.0003	0.0022	10	5256.84
psi,th0(Buff+Bound+Kud),th1(),p(Sub),th0pi()	5277.23	12.65	0.0002	0.0018	9	5259.23
psi,th0(Buff+Bound+Post+Kud),th1(),p(Sub),th0pi()	5277.3	12.72	0.0002	0.0017	10	5257.3
psi,th0(Buff+R+Bound+Post+Kud),th1(),p(Sub),th0pi()	5277.45	12.87	0.0002	0.0016	11	5255.45
psi,th0(Buff+R+Bound+Kud),th1(),p(Sub),th0pi()	5277.59	13.01	0.0002	0.0015	10	5257.59
psi,th0(Zeb+R+Sbl+Kud+Hum),th1(),p(Sub),th0pi()	5279.2	14.62	0.0001	0.0007	11	5257.2
psi,th0(Zeb+R+C+Sbl+Hum),th1(),p(Sub),th0pi()	5279.4	14.82	0.0001	0.0006	11	5257.4
psi,th0(Zeb+R+C+Sbl+Kud+Hum),th1(),p(Sub),th0pi()	5280.35	15.77	0	0.0004	12	5256.35
psi,th0(AllPrey+R+C+Sbl),th1(),p(Sub),th0pi()	5281.45	16.87	0	0.0002	10	5261.45
psi,th0(AllPrey+C+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5282.04	17.46	0	0.0002	11	5260.04
psi,th0(AllPrey+R+C+Sbl+Post),th1(),p(Sub),th0pi()	5283.09	18.51	0	0.0001	11	5261.09
psi,th0(AllPrey+R+Imp),th1(),p(Sub),th0pi()	5283.49	18.91	0	0.0001	9	5265.49
psi,th0(Imp+Hum+Post+Kud),th1(),p(Sub),th0pi()	5292.32	27.74	0	0	10	5272.32
psi,th0(R+C+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5293.1	28.52	0	0	11	5271.1
psi,th0(Zeb),th1(),p(Sub),th0pi()	5293.7	29.12	0	0	7	5279.7
psi,th0(Buff+Sbl+Bound),th1(),p(Sub),th0pi()	5297.86	33.28	0	0	9	5279.86
psi,th0(Buff+Sbl+Post),th1(),p(Sub),th0pi()	5298.36	33.78	0	0	9	5280.36
psi,th0(Buff+Imp),th1(),p(Sub),th0pi()	5298.72	34.14	0	0	8	5282.72
psi,th0(Buff+R+Sbl+Post),th1(),p(Sub),th0pi()	5300.06	35.48	0	0	10	5280.06
psi,th0(Buff+Sbl+Hum+Post),th1(),p(Sub),th0pi()	5300.13	35.55	0	0	10	5280.13
psi,th0(Buff+Sbl+Post+Kud),th1(),p(Sub),th0pi()	5300.27	35.69	0	0	10	5280.27
psi,th0(Buff+Sbl+Hum+Post+Kud),th1(),p(Sub),th0pi()	5301.78	37.2	0	0	11	5279.78
psi,th0(Buff+R+Sbl+Post+Kud),th1(),p(Sub),th0pi()	5301.92	37.34	0	0	11	5279.92
psi,th0(R+C+Sbl),th1(),p(Sub),th0pi()	5302.53	37.95	0	0	9	5284.53
psi,th0(Buff+C),th1(),p(Sub),th0pi()	5306.45	41.87	0	0	8	5290.45
psi,th0(Hum),th1(),p(Sub),th0pi()	5307.04	42.46	0	0	7	5293.04
psi,th0(AllPrey+Sbl+Hum),th1(),p(Sub),th0pi()	5307.22	42.64	0	0	9	5289.22
psi,th0(Buff+R+C+Hum),th1(),p(Sub),th0pi()	5307.76	43.18	0	0	10	5287.76
psi,th0(Buff+C+Bound),th1(),p(Sub),th0pi()	5308.37	43.79	0	0	9	5290.37
psi,th0(Buff),th1(),p(Sub),th0pi()	5308.9	44.32	0	0	7	5294.9
psi,th0(AllPrey+R+C+Hum),th1(),p(Sub),th0pi()	5309.37	44.79	0	0	10	5289.37
psi,th0(Buff+Hum),th1(),p(Sub),th0pi()	5309.44	44.86	0	0	8	5293.44
psi,th0(Buff+Hum+Post),th1(),p(Sub),th0pi()	5310.26	45.68	0	0	9	5292.26
psi,th0(Buff+C+Bound+Kud),th1(),p(Sub),th0pi()	5310.33	45.75	0	0	10	5290.33
psi,th0(Buff+Bound+Post),th1(),p(Sub),th0pi()	5310.38	45.8	0	0	9	5292.38
psi,th0(Buff+Post+Kud),th1(),p(Sub),th0pi()	5310.73	46.15	0	0	9	5292.73
psi,th0(AllPrey+R+C+Hum+Post),th1(),p(Sub),th0pi()	5311.06	46.48	0	0	11	5289.06
psi,th0(Buff+R+Post+Kud),th1(),p(Sub),th0pi()	5311.17	46.59	0	0	10	5291.17
psi,th0(Bound),th1(),p(Sub),th0pi()	5311.28	46.7	0	0	7	5297.28
psi,th0(Buff+R+Kud),th1(),p(Sub),th0pi()	5311.43	46.85	0	0	9	5293.43
psi,th0(Buff+R+C+Bound+Kud),th1(),p(Sub),th0pi()	5311.6	47.02	0	0	11	5289.6
psi,th0(C),th1(),p(Sub),th0pi()	5311.73	47.15	0	0	7	5297.73
psi,th0(Sbl),th1(),p(Sub),th0pi()	5313.9	49.32	0	0	7	5299.9
psi,th0(Zeb+R+Sbl),th1(),p(Sub),th0pi()	5314.9	50.32	0	0	9	5296.9
psi,th0(Zeb+R+Sbl+Hum),th1(),p(Sub),th0pi()	5315.03	50.45	0	0	10	5295.03
psi,th0(AllPrey+Hum+Post),th1(),p(Sub),th0pi()	5317.55	52.97	0	0	9	5299.55
psi,th0(Post),th1(),p(Sub),th0pi()	5318.59	54.01	0	0	7	5304.59
psi,th0(),th1(),p(Sub),th0pi()	5320.11	55.53	0	0	6	5308.11
psi,th0(Zeb+Sbl),th1(),p(Sub),th0pi()	5322.04	57.46	0	0	8	5306.04
psi,th0(Kud),th1(),p(Sub),th0pi()	5322.08	57.5	0	0	7	5308.08
psi,th0(AllPrey),th1(),p(Sub),th0pi()	5322.34	57.76	0	0	7	5308.34

psi,th0(Zeb+Sbl+Hum),th1(),p(Sub),th0pi()	5322.81	58.23	0	0	9	5304.81	
psi,th0(Imp),th1(),p(Sub),th0pi()	5330.09	65.51	0	0	7	5316.09	
psi,th0(R+Sbl+Hum),th1(),p(Sub),th0pi()	5331.02	66.44	0	0	9	5313.02	
psi,th0(R),th1(),p(Sub),th0pi()	5347.69	83.11	0	0	7	5333.69	
psi,th0(),th1(),p(),th0pi()	5354.05	89.47	0	0	5	5344.05	
psi(.),p(.)	5699.79	435.21	0	0	2	5695.79	