

HMMER3/f [3.1b2 | February 2015]

NAME pmoB_IA_loose Protein

LENG 415

ALPH amino

RF no

MM no

CONS yes

CS no

MAP yes

DATE Tue Jan 2 10:15:21 2018

NSEQ 36

EFFN 0.988770

CKSUM 2327598343

STATS LOCAL MSV -11.5451 0.69904

STATS LOCAL VITERBI -12.2042 0.69904

STATS LOCAL FORWARD -5.9414 0.69904

HMM

	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
COMPO	m->m	m->i	m->d	i->m	i->i	d->m	d->d													
	2.53791	4.58482	3.03978	2.74189	3.20351	2.80189	3.82550	2.73007	2.75598	2.45744	3.54826	3.11791	3.24571	3.13152	2.98379	2.72986	2.78886	2.51096	4.13037	3.48257
	2.68618	4.42198	2.77545	2.73145	3.46356	2.40538	3.72520	3.29351	2.67713	2.69362	4.24506	2.90335	2.73746	3.18161	2.89794	2.37905	2.77468	2.98508	4.58441	3.61529
	0.48378	1.72992	1.57865	1.85227	0.17065	0.00000	*													
1	2.45411	4.14442	3.78559	3.21114	2.99139	3.64704	3.92100	2.32942	2.96253	2.19677	2.28347	3.51819	4.01395	3.38271	3.37476	2.92002	2.82161	2.33017	4.72786	3.18206
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02867	3.96202	4.68437	0.61958	0.77255	0.70721	0.67928													
2	2.67667	5.00053	2.71787	2.11850	4.33560	2.99817	3.61413	3.77225	1.80210	3.31092	4.11420	2.86131	3.34195	2.74978	2.75725	2.52539	2.91932	3.39980	5.48653	4.13080
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02867	3.96202	4.68437	0.61958	0.77255	0.70721	0.67928													
3	2.55443	4.43205	3.21842	2.66221	3.59787	3.46492	3.29239	2.76585	2.60964	2.34294	3.45265	2.77253	3.85523	2.95436	3.00292	2.50829	2.56267	2.72277	4.99179	3.72431
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02867	3.96202	4.68437	0.61958	0.77255	0.65692	0.73074													
4	2.43485	4.19341	3.60597	3.03886	3.33883	3.17941	3.86997	2.16899	2.96851	2.20505	3.11241	3.16555	3.96188	3.25971	3.27899	2.84155	2.63254	2.29286	4.81940	3.60008
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02777	3.99330	4.71565	0.61958	0.77255	0.49201	0.94519													
5	2.55320	4.82278	3.05981	2.41961	4.07863	3.46861	3.64347	3.47728	1.78230	3.07676	2.85234	2.85399	3.86025	2.79864	2.67364	2.70295	2.81323	3.16410	5.30850	4.00254
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02466	4.11067	4.83302	0.61958	0.77255	0.47746	0.96853													
6	2.53268	4.97748	2.37589	2.27427	4.26815	3.30076	3.60013	3.28164	2.12749	3.25799	3.51721	2.83150	3.79961	2.71892	2.54259	2.60554	2.84454	3.33854	5.44304	4.07018
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
7	2.79049	5.09970	3.11707	2.52538	4.45284	3.52982	3.62050	3.86578	1.64437	3.07128	4.16204	2.79029	3.90913	2.52954	2.07287	2.54992	2.99853	3.50062	5.48599	4.18643
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
8	2.52601	4.17962	3.73411	3.16110	3.21244	3.36963	3.91869	2.11916	3.08261	2.09075	3.29114	3.26788	4.01188	3.09895	3.36356	2.90251	2.59809	2.15702	4.78813	3.57752
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
9	2.20008	4.41581	3.32725	2.76481	3.19364	2.83598	3.77335	2.93915	2.55252	2.53699	3.51533	3.20815	3.91574	2.86716	3.11626	2.76642	2.76791	2.39738	4.98492	3.47608
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
10	2.81269	5.01192	3.20862	2.60861	3.76993	3.56012	3.64942	3.73585	1.44457	3.27012	4.09869	3.08513	3.94200	2.78813	2.04016	2.68259	3.02187	3.40465	5.41530	4.13401
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
11	2.44657	4.12673	4.05094	3.46687	3.17393	3.73867	4.03536	2.24657	3.34588	1.59062	3.01120	3.69835	3.45338	3.57660	3.54158	3.02454	2.87305	2.32918	3.63697	3.53455
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
12	2.23911	4.38303	3.37056	2.81537	3.57093	3.31298	3.80516	2.94150	2.77326	2.41841	3.52214	3.06400	3.91529	3.09340	3.14967	2.22053	2.55610	2.69668	3.38399	3.74141
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
13	2.23328	4.18167	3.72684	3.15405	2.60124	3.29070	3.91290	2.63321	2.87444	2.01062	2.96228	3.48039	4.00725	3.34810	3.35508	2.89697	2.70679	2.42918	4.78444	3.57326
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
14	2.52545	4.11740	3.96516	3.38585	3.01000	3.33958	4.00659	2.31031	3.28372	1.94756	3.13470	3.63916	4.07192	3.52459	3.50359	2.61617	2.84602	1.87306	4.74805	3.54965
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02344	4.16084	4.88319	0.61958	0.77255	0.51359	0.91216													
15	1.95133	4.32481	3.48352	2.94141	3.59630	2.54932	3.89599	2.74994	2.89417	2.25025	3.54897	3.31760	3.92327	3.20549	3.25002	2.54849	2.82587	2.52386	5.03351	3.79644
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.03649	4.16084	3.90005	0.61958	0.77255	0.51359	0.91216													

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02374	4.14809	4.87044	0.61958	0.77255	0.50371	0.92706																		
17	2.11198	4.26621	3.94499	3.39724	3.40163	3.72906	4.15106	2.30500	3.29327	1.52568	3.34364	3.68517	4.14785	3.57806	3.55613	2.86130	2.96057	2.17606	4.98796	3.78388	35	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02344	4.16084	4.88319	0.61958	0.71216	0.51359	0.92121																		
18	2.12861	3.39037	3.97900	3.39573	3.07904	3.45163	3.97826	2.45458	3.28685	1.98427	3.10671	3.63094	4.04777	3.51887	3.49097	2.79538	2.81854	2.11296	4.69715	3.26168	36	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02344	4.16084	4.88319	0.61958	0.77255	0.46875	0.98292																		
19	2.05940	4.36998	3.44051	2.91069	3.76334	2.20691	3.92052	2.84512	2.87332	2.72019	3.69557	3.28383	3.88995	3.19158	3.24769	2.64621	2.20486	2.65335	5.17118	3.92505	37	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
20	2.55925	4.14545	4.01485	3.43619	3.02031	3.75201	4.05854	2.33474	3.33375	1.99705	3.00264	3.22107	4.11810	3.57484	3.55298	3.03563	2.70486	1.68401	4.79262	3.59495	38	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
21	1.96761	4.24541	4.00880	3.44161	3.39696	3.82976	4.16962	1.93874	3.35648	2.15664	3.14451	3.73790	4.20108	3.62099	3.61674	3.11767	2.48806	1.98235	4.97143	3.76790	39	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
22	1.79596	4.24380	3.77676	3.21023	3.38292	3.67789	4.00422	2.43571	3.13230	2.06727	2.95583	3.54197	4.06809	3.41437	3.42439	2.77508	2.84285	2.25673	4.90075	3.68956	40	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.07307	4.18373	2.89630	0.61958	0.77255	0.48576	0.95510																		
23	1.90326	4.33615	3.41761	2.94463	4.01993	2.97246	4.00101	3.39104	2.92619	2.83538	3.93177	3.26224	3.80655	3.24466	3.29968	1.86576	1.97798	3.01008	5.38190	4.13549	41	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02407	4.13473	4.85707	0.61958	0.77255	0.54367	0.86896																		
24	2.48924	3.71484	4.16068	3.56875	3.12531	3.70315	4.01622	2.13859	3.42941	2.09109	2.49708	3.72964	3.74059	3.63088	3.57186	2.81394	2.81316	2.00077	4.06510	3.45866	42	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02407	4.13473	4.85707	0.61958	0.77255	0.45118	1.01301																		
25	2.38315	4.11866	3.89976	3.31996	2.26692	3.17130	3.95806	2.47106	3.22255	2.13879	3.13705	3.33167	4.04126	3.46775	3.45325	2.94584	2.82729	2.22594	4.71841	3.21707	43	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
26	2.05921	4.42108	3.33345	2.79833	3.63396	3.31387	3.81630	3.02069	2.76771	2.56508	3.59186	3.22416	3.58786	3.09130	3.15164	2.28368	2.83734	2.76374	5.04507	2.55934	44	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
27	2.18103	4.27627	3.57888	3.01772	3.45827	3.56400	3.90059	2.37190	2.96241	2.39569	3.42609	3.38695	3.60579	3.25781	3.29511	2.37675	2.48870	2.27149	4.92033	3.69443	45	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
28	2.12626	4.43537	3.30881	2.84898	4.14065	2.49875	3.96921	3.54443	2.85769	2.98361	4.02812	3.21100	1.91973	3.18099	3.25743	2.32737	2.58337	3.13743	5.46569	4.19818	46	p	-	-	-
	2.68623	4.42191	2.77524	2.73128	3.46333	2.40517	3.72499	3.29359	2.67745	2.69343	4.24694	2.90351	2.73744	3.18136	2.89805	2.37882	2.77524	2.98513	4.58482	3.61491					
	0.19574	1.76976	4.90608	0.55700	0.85079	0.48576	0.95510																		
29	2.22601	4.54221	3.19348	2.67309	3.85052	3.41201	3.78269	3.24019	2.66217	2.90517	3.75700	3.01570	2.67626	2.99826	3.07910	2.57011	2.10112	2.94437	5.20565	3.30773	49	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
30	1.19029	4.23195	3.82972	3.42584	3.97414	3.22739	4.32326	2.98901	3.37155	2.97433	3.91739	3.55913	3.91061	3.66480	3.64846	2.45673	2.84978	1.98522	5.44990	4.24107	50	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
31	2.46240	4.80318	2.79889	2.41420	4.03863	3.44142	3.50854	3.45484	2.44848	3.06084	3.52154	2.97506	3.83331	2.45262	2.90827	2.03014	2.84430	3.13453	4.06741	3.97409	51	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
32	0.93746	4.26295	3.61442	3.38908	4.48471	2.02462	4.44923	3.85276	3.48183	3.59245	4.43502	3.48298	3.81644	3.74842	3.76227	2.52551	2.84640	3.29295	5.82705	4.64732	52	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
33	2.76405	4.51717	3.54061	2.99343	3.34137	3.68540	1.75130	2.58471	2.81696	2.48021	2.91635	3.39601	4.07120	3.21824	3.13753	2.95919	2.99977	2.70752	4.87819	3.50999	53	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		

61	2.83640	4.34742	4.23629	3.73749	3.58513	3.91424	4.49174	1.99842	3.62090	2.34904	3.48794	3.97729	3.38068	3.92142	3.86230	3.27393	3.13019	1.06320	5.27542	4.05697	84	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
62	2.70424	4.81521	2.75475	2.62472	4.59277	1.94189	4.05343	4.13537	2.98121	3.72596	4.56883	1.28286	3.90955	3.25980	3.41313	2.76526	3.10459	3.64112	5.83193	4.49224	85	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
63	3.07947	5.69793	1.45354	1.24604	4.98270	3.31329	3.87685	4.52026	2.91938	4.00205	4.85991	2.77035	3.94767	3.04450	3.53580	2.94763	3.37206	4.07791	6.14440	4.61890	86	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
64	2.79268	5.21622	2.25127	1.57957	4.54019	3.35228	3.73201	4.00145	2.59511	3.53795	4.33937	2.84411	3.86609	2.87216	3.11245	2.66121	2.09417	3.60348	5.71928	4.29921	87	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
65	2.83862	4.24865	4.43637	3.85139	2.62626	3.98735	4.25245	2.38881	3.71199	1.76171	1.95355	4.01275	4.31120	3.87580	3.83658	3.29108	3.06694	1.92851	4.76602	3.03980	88	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
66	2.61412	4.73235	2.79893	2.22122	3.96412	3.44919	3.68136	3.13252	2.50937	2.99296	3.82494	3.01158	3.85038	2.85195	2.96221	2.34934	2.51013	5.26701	3.94936	3.61503	89	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
67	3.00433	3.15952	4.82989	4.27595	3.47466	4.32016	4.76101	1.43067	4.14898	1.78766	3.34168	4.41483	4.62849	4.34243	4.27333	3.66375	3.24933	1.42628	5.25683	4.07725	90	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
68	2.42769	4.39074	3.35448	2.99856	4.24112	3.16497	4.10927	3.61430	2.90677	3.31172	4.15765	3.29435	3.83344	3.34754	3.34694	1.59943	1.52276	3.17800	5.57681	4.32713	91	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
69	3.09995	4.83262	3.83645	3.78085	4.89495	0.37791	4.87055	4.58175	4.00380	4.19229	5.17870	4.00221	4.23262	4.30392	4.19473	3.28255	3.60515	4.04968	5.89622	5.01130	92	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
70	3.28850	5.23796	3.48347	3.06091	4.69708	3.73021	3.97489	4.14953	0.67848	3.65183	4.60744	3.46717	4.21751	3.15652	2.54565	3.31659	3.52376	3.84381	5.63101	4.49490	93	K	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
71	3.12642	4.48042	4.73889	4.19023	1.63193	4.32978	4.52022	2.15486	4.05812	1.69903	3.13781	4.34816	4.61086	4.19702	4.17967	3.66323	3.36085	1.64758	4.89569	3.56530	94	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
72	2.69882	4.50316	3.42935	2.86595	3.26058	3.61608	1.95675	2.98993	2.72009	2.54741	2.69916	3.28967	3.99641	3.10880	2.91925	2.86743	2.92845	2.77676	4.87955	3.52047	95	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
73	3.05676	4.39191	4.73751	4.19901	3.58776	4.37544	4.84611	1.60479	4.09168	1.96395	3.42321	4.41364	4.68639	4.33577	4.28311	3.72255	2.84896	1.11229	5.41736	4.22581	96	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
74	2.41926	4.31949	4.34078	3.76937	1.81840	3.99809	4.27045	2.40146	3.64474	1.75745	2.40792	3.98321	4.32953	3.83816	3.81425	3.30255	3.10977	2.34727	4.82732	3.59809	97	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
75	2.39053	5.08334	2.64250	1.91620	4.40268	3.37715	3.65842	3.86308	2.42709	3.39413	4.17454	2.73376	2.82634	2.78358	2.95285	2.19308	2.93027	3.46896	5.57189	4.17715	98	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
76	2.33643	4.89571	2.47909	2.26989	4.18086	2.58192	3.65254	3.17870	2.45039	3.19127	3.99148	2.93494	3.82428	2.79174	2.92593	2.54082	2.58383	3.25899	5.41212	4.05690	99	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
77	3.90581	5.15933	4.60044	4.39164	3.05721	4.10803	4.33949	3.95678	4.11523	3.29253	4.57374	4.48179	4.65362	4.48590	4.18455	4.10625	4.22457	3.85500	0.43840	3.04495	100	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
78	3.22031	4.91301	3.86274	3.75476	4.70463	3.58351	4.79631	4.34360	3.84144	3.93066	5.00116	4.02490	0.41006	4.22005	4.04145	3.39999	3.68818	3.950							

128	2.94447	4.40219	4.30863	3.74111	3.22661	4.06893	4.36506	2.14063	3.58120	1.10190	2.82339	3.60658	4.39074	3.83770	3.78325	3.37576	3.17799	2.27434	4.99446	3.81480	156	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
129	2.76784	5.02859	3.14048	2.54126	4.35037	3.53168	3.63440	3.75651	1.59291	3.28435	3.43960	3.03717	3.90929	2.38366	2.30399	2.77010	2.69051	3.41016	5.44193	4.14385	157	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
130	1.16976	4.26884	3.58566	3.36168	4.50315	1.55202	4.43854	3.88296	3.46661	3.61172	4.44876	3.46801	3.81270	3.73106	3.75483	2.52160	2.84524	3.31201	5.83933	4.65617	158	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
131	3.39326	5.18728	3.91904	3.37864	4.62317	3.80584	4.10075	4.19699	2.43055	3.65635	4.65808	3.70929	4.30210	3.31412	0.59204	3.46858	3.64356	3.90975	5.58474	4.49376	159	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
132	2.68572	4.72840	3.19663	2.61840	3.92771	3.52630	3.69180	3.33182	2.40957	2.57425	3.81155	2.83380	3.90893	2.74154	1.85190	2.76095	2.90875	2.78678	5.21788	3.64362	160	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
133	2.14040	4.48439	3.19155	2.82665	4.21332	3.07232	3.99483	3.60766	2.86758	3.26592	4.10438	3.19950	1.55212	3.01550	3.25076	2.61163	2.52671	3.19685	5.52945	4.26078	161	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
134	3.09995	4.83262	3.83645	3.78085	4.89495	0.37791	4.87055	4.58175	4.00380	4.19229	5.17870	4.00221	4.23262	4.30392	4.19473	3.28255	3.60515	4.04968	5.89622	5.01130	162	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
135	2.62806	4.99844	2.42163	2.30672	4.29153	3.41011	3.17275	3.33579	2.36373	3.27996	4.05585	2.78222	3.80834	2.72805	2.36341	2.61747	2.43931	3.36148	5.46195	4.08730	163	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
136	3.83564	5.02079	4.83244	4.53413	1.86339	4.55351	3.52694	3.58097	4.34624	2.90213	4.14742	4.19757	4.84680	4.27243	4.34362	3.91541	4.04740	3.48268	1.28119	1.38283	164	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
137	2.86363	4.89378	3.05423	2.74806	3.92799	3.47672	1.33751	3.78927	2.69610	3.35392	4.25364	3.20700	2.43906	3.15251	3.03925	2.92262	3.16481	3.45451	5.28716	3.86823	165	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
138	3.05011	4.39030	4.72568	4.18406	3.56161	4.35766	4.82155	1.65819	4.07409	2.17629	2.92198	4.39711	4.66962	4.31300	4.26185	3.70281	3.01705	1.05027	5.38945	4.20442	166	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
139	2.85906	4.88121	3.00751	2.76477	4.04416	2.22729	1.25572	3.89776	2.80827	3.47091	4.36052	3.21917	4.01240	3.22976	3.15920	2.92373	3.19060	3.52948	5.38470	3.98267	167	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
140	2.13996	4.35207	3.46088	2.96382	3.93498	3.26357	3.95956	3.27402	2.93660	2.99544	3.85559	3.29363	2.17994	3.25234	3.30862	2.38751	2.11332	2.42869	5.31800	4.07404	168	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
141	2.67771	4.30876	3.69652	3.12894	3.69164	3.95106		2.67307	3.04010	2.20199	2.09849	3.49165	4.06085	2.62794	3.34444	2.95539	2.64119	2.51669	4.86948	3.64529	169	m	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
142	3.19245	4.51981	4.93452	4.34813	2.49407	4.43616	4.74082	2.02344	4.20988	1.24981	1.99569	4.51417	4.65842	4.27471	4.27280	3.76734	3.41238	2.07042	5.07170	3.99191	170	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
143	2.64202	4.75207	2.78698	2.62317	4.47054	3.22163	4.00440	4.02416	2.89952	3.62942	4.47019	1.25087	3.88155	3.20947	3.31595	2.04428	3.03866	3.54446	5.75065	4.38126	171	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
144	3.16941	4.46802	4.94256	4.39120	3.41721	4.51983	4.93908	1.64487	4.27777	1.67951	2.64397	4.58290	4.76919	4.44210	4.40998	3.86998	3.40728	1.21839	5.35780	4.22518	172	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
145	2.73640	5.11878	2.91789	1.79868	4.44927	3.45940	3.62826	3.88920	1.84611	3.39173	3.73647	2.94239	3.86551	2.36594	2.67296	2.									

195	2.68926	4.40136	3.74376	3.30372	3.31289	3.26597	4.00679	3.08202	3.09565	2.76650	3.73235	3.55575	4.05908	3.49719	3.34294	2.91720	2.47369	2.83841	1.39596	3.41754	224	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
196	2.59227	4.13740	3.83760	3.25947	2.96765	3.22928	3.94171	2.48976	3.17080	2.17808	3.08411	3.54873	4.02844	3.42473	3.42028	2.73932	2.33571	2.23391	4.74022	2.72035	225	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
197	1.94498	4.17759	4.07880	3.50387	2.64254	3.66359	4.11452	2.27462	3.39955	1.88692	3.23128	3.74910	4.16016	3.63461	3.61223	3.08317	2.92715	2.05849	4.82407	3.62425	226	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
198	2.80192	4.40137	4.79333	4.23915	3.31079	4.38001	4.79197	1.60077	4.12711	1.50395	3.26571	4.43072	4.66471	4.31487	4.27613	3.71910	3.31404	1.43436	5.28203	4.12440	227	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
199	1.79454	4.30480	3.51540	3.34963	4.56937	0.99193	4.47264	3.95705	3.50685	3.68889	4.53570	3.47208	3.83241	3.77018	3.78855	2.55358	2.88733	3.37149	5.89229	4.71325	228	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
200	2.22569	4.14312	4.05214	3.47430	3.14598	3.44616	4.08579	2.06953	3.37109	2.11099	3.12841	3.71920	4.13544	3.60941	3.58473	3.05474	2.66633	1.80946	4.81037	3.61299	229	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
201	1.64154	3.90137	3.73039	3.16555	3.11262	3.93483	2.69646	3.09044	2.43426	3.34638	3.47885	3.99405	3.36403	3.37667	2.86340	2.82796	2.39239	4.09844	3.59891	230	a	-	-	-	
	2.68618	4.42225	2.77520	2.73124	3.46354	2.40510	3.72495	3.29354	2.67741	2.69351	4.24690	2.90347	2.73740	3.18147	2.89801	2.37887	2.77520	2.98519	4.58477	3.61503					
	0.03975	3.45565	4.90608	0.63180	0.75850	0.48576	0.95510																		
202	3.60986	4.98319	4.44333	4.11568	2.39877	4.21320	3.81027	3.50308	3.77848	2.84891	4.10217	4.12148	4.64149	4.09197	3.89659	3.76199	3.87464	3.41432	0.81678	2.29051	233	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
203	3.09217	4.44966	4.76873	4.18112	3.11044	4.30100	4.59684	1.71683	4.03330	1.12100	2.66916	4.35453	4.55716	4.14554	4.12441	3.62211	3.31467	2.25001	4.26942	3.88748	234	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03975	4.18373	3.74115	0.61958	0.77255	0.48576	0.95510																		
204	2.56998	4.07042	4.10609	3.51909	2.92894	3.16774	4.00492	2.41569	3.39131	1.68249	3.16496	3.70901	4.08167	3.60314	3.55777	3.00461	2.83892	2.07814	4.10087	3.02557	235	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02329	4.16727	4.88962	0.61958	0.77255	0.47337	0.97525																		
205	3.97450	5.07815	4.98313	4.75448	1.53797	4.64533	3.50205	3.67162	4.56228	2.96040	4.22903	4.26378	4.92316	4.37787	4.48113	4.01795	4.17987	3.57965	2.00357	1.01757	236	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
206	3.60996	4.95921	4.56569	4.23562	2.26988	4.25249	3.83080	3.38723	3.97713	2.71464	4.00182	4.18930	4.67233	4.18521	4.07486	3.78835	3.87972	3.32848	0.83527	2.35238	237	w	-	-	-
	2.68619	4.42226	2.77521	2.73124	3.46355	2.40511	3.72496	3.29355	2.67742	2.69342	4.24691	2.90348	2.73741	3.18147	2.89802	2.37888	2.77521	2.98519	4.58478	3.61504					
	0.09623	2.47283	4.90608	0.38759	1.13536	0.48576	0.95510																		
207	2.49377	3.53015	4.37199	3.78086	2.53051	3.83124	4.16662	2.09839	3.62851	2.04654	3.05979	3.90003	4.18985	3.81333	3.73843	3.06962	2.80807	1.68516	4.74379	3.55989	239	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
208	2.53059	4.62243	3.16315	2.59885	3.65472	3.27788	3.70499	3.01335	2.36116	2.63979	3.71104	3.08497	3.87896	2.90565	2.13214	2.55271	2.84780	2.74361	5.15909	3.87096	240	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
209	3.02528	5.21262	3.43853	2.77106	4.64824	3.69284	3.66291	4.00645	1.45378	3.45896	4.30098	2.99421	4.05578	2.79018	1.48749	3.01565	3.20198	3.42684	5.52134	4.31765	241	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
210	2.84884	4.98534	3.14570	2.66448	4.38362	3.53206	3.73531	3.78335	2.00820	3.33030	4.17682	3.12776	1.64537	2.88885	2.26353	2.87755	3.08770	3.44722	5.48563	4.22383	242	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.21185	4.18373	1.73911	0.61958	0.77255	0.48576	0.95510																		
211	2.50946	4.21604	3.60216	3.03338	3.34031	2.74026	3.87323	2.46142	2.95586	2.09248	2.96021	3.39616	3.97039	3.25403	3.14003	2.85209	2.81246	2.22360	4.83166	3.61318	243	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02760	3.99948	4.72183	0.61958	0.77255	0.38281	1.14553																		
212	2.94571	4.39407	4.38242	3.85628	1.44937	4.03724	4.27897	2.07280	3.72838	2.01269	3.23864	4.04170	4.40256	3.93502	3.90249	3.36									

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
218	2.29065	4.40503	3.23965	2.79451	3.55568	3.54712	3.78620	2.92369	2.74660	2.24881	2.76702	3.23157	3.92881	2.82328	2.71950	2.70727	2.77742	2.68664	4.24527	3.72483	250	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
219	2.50115	4.01780	4.30027	3.74033	3.43940	3.66153	4.36164	1.99430	3.63032	2.04645	3.37198	3.95874	4.32152	3.87686	3.83630	3.25823	3.03949	1.28177	5.05635	3.85591	251	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
220	2.15565	5.01133	2.57810	2.15238	4.30368	3.08365	3.61512	3.75562	2.38504	3.29457	4.07011	2.83224	3.80755	2.60420	2.79762	2.46030	2.82485	3.37410	5.47779	3.49414	252	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
221	1.91880	4.59222	3.06816	2.44873	3.83229	3.45676	3.73940	3.19982	2.60930	2.63804	3.72944	3.09456	3.87378	2.94584	3.03747	2.33340	2.71629	2.69218	5.18373	3.89518	253	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
222	2.63635	4.66796	2.94058	2.35820	4.21534	1.38590	3.94534	3.55463	2.82061	3.25851	4.13064	3.12131	3.89885	3.15618	3.22304	2.73200	2.98337	2.75259	5.53737	4.23536	254	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
223	2.75742	5.02147	3.11339	2.44073	4.33923	3.52088	3.63533	3.74857	1.71317	2.75393	4.08863	3.02671	3.33992	2.76436	2.08106	2.68077	2.97093	3.40106	5.44140	4.13783	255	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
224	2.10705	4.46790	2.85127	1.97204	4.22283	3.19096	3.62790	3.66066	2.22340	3.22338	4.01151	2.92211	3.49549	2.75640	2.87576	2.62342	2.85569	3.21775	5.42655	4.06376	256	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
225	2.83983	5.37153	1.68565	1.65536	4.67000	3.16072	3.30362	4.16875	2.60160	3.44302	4.44937	2.66500	3.86868	2.86035	3.13984	2.76415	3.09574	3.74358	5.81131	4.35714	257	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
226	2.78307	5.25276	2.23359	1.45386	4.57035	3.35722	3.70533	4.04831	2.54605	3.55790	4.34535	2.83327	3.85569	2.83630	2.93972	2.41297	2.80177	3.63642	5.72115	4.29420	258	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
227	2.68167	4.42009	4.04791	3.51997	3.32523	3.90866	4.26859	2.44502	3.35144	1.16104	3.22294	3.82644	4.28783	3.31458	3.59215	3.22962	3.12541	2.14238	5.04644	3.86515	259	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72495	3.29354	2.67741	2.69355	4.24690	2.90347	2.73740	3.18146	2.89801	2.37887	2.77520	2.98518	4.58477	3.61503					
	0.03975	3.45565	4.90608	0.54229	0.87088	0.48576	0.95510																		
228	3.13461	4.43684	4.92894	4.38718	2.62859	4.47025	4.87334	1.28866	4.27176	1.98156	3.27276	4.54896	4.74225	4.43870	4.39685	3.82401	3.37731	1.39799	5.28856	4.08584	261	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
229	2.43880	4.46610	3.20609	2.82990	4.29717	2.61845	4.01331	3.72369	2.90223	3.35931	4.17539	2.75178	3.81086	3.21674	3.30600	1.84993	1.64647	3.26364	5.59591	4.31938	262	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
230	2.26257	5.02089	2.32034	2.35688	4.37849	3.03824	3.68741	3.83131	2.30570	3.37836	4.16757	2.89570	2.32105	2.82050	2.98704	2.62895	2.93377	3.44037	5.56772	4.18407	263	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
231	2.58242	4.84753	2.72930	2.39610	4.09672	2.90722	3.63567	3.51862	2.34993	2.74910	3.48220	2.95460	3.82440	2.37587	2.89053	2.63675	2.52206	3.09064	5.34322	4.00034	264	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
232	3.06184	5.63171	1.01028	1.93729	4.93530	3.30634	3.88263	4.43733	2.93043	3.95516	4.82203	2.77365	3.94585	3.05479	3.54099	2.94137	3.13309	4.01085	6.12622	4.60522	265	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
233	3.07390	5.25848	3.49111	2.80269	4.71761	3.72446	3.66096	4.06032	1.45363	3.49048	4.33640	3.22541	4.07875	2.61873	1.44641	3.05786	2.97136	3.72491	5.53685	4.35167	266	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
234	2.70382	5.02816	3.03215	2.45701	4.34488	3.47642	3.61865	3.77271	1.80988	3.17765	4.08936	2.79259	3.86186	2.32813	2.39191	2.69700	2.56853	3.19167	5.45932	4.12580	267	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.																				

262	2.97110	4.39540	4.52766	4.02545	3.62655	4.15252	4.74775	1.09628	3.90001	2.26447	3.47497	4.24176	4.55804	4.18843	4.11750	3.52236	2.47287	1.72410	5.42706	4.22469	295	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
263	3.22031	4.91301	3.86274	3.75476	4.70463	3.58351	4.79631	4.34360	3.84144	3.93066	5.00116	4.02490	0.41006	4.22005	4.04145	3.39999	3.68818	3.95083	5.79302	4.83303	296	P	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
264	3.46170	4.77263	5.02135	4.49902	3.17908	4.71252	5.03922	1.90253	4.30604	0.76063	2.99077	4.75424	4.89811	4.45378	4.42015	4.10296	3.69461	2.26529	5.30135	4.18908	297	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
265	3.17358	5.14304	3.15325	2.92559	4.35195	3.60187	4.08213	4.04395	2.72706	3.51336	4.54452	3.38355	4.16743	0.76699	2.99970	3.21374	3.47600	3.75749	5.57252	4.29319	298	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
266	1.60334	4.82087	2.91900	2.25377	4.16936	3.40708	3.74595	3.55194	2.31876	3.18082	4.01491	3.01430	3.87729	2.91336	2.94826	2.72044	2.66253	3.22103	5.42849	4.10919	299	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
267	2.33055	4.28549	3.46653	3.21421	4.46627	1.22126	4.32859	3.88052	3.31033	3.56891	4.38906	3.38457	3.79482	3.59451	3.62769	2.26464	1.99282	3.31214	5.79765	4.58345	300	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
268	2.61363	4.51347	3.07161	2.68904	3.22963	3.51919	3.74592	3.05815	2.40977	1.97017	3.60716	3.04577	3.90518	2.98621	2.79849	2.75026	2.61681	2.80476	5.06567	3.79679	301	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
269	2.60471	4.31349	2.93353	2.93118	3.21994	3.58901	3.84193	2.71383	2.88320	2.15598	2.76193	3.33232	3.96685	2.79293	3.23209	2.83531	2.83632	2.39853	4.89059	3.10453	302	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
270	2.68505	5.03131	2.72166	2.41567	4.33524	3.26449	3.62011	3.77543	2.12022	3.30489	4.09092	2.94186	3.84508	2.59893	1.89183	2.67428	2.91020	3.40334	5.47098	3.33731	303	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.25478	4.18373	1.56221	0.61958	0.77255	0.48576	0.95510																		
271	2.26747	4.39542	3.04859	2.68658	4.17203	2.05631	3.88572	3.58877	2.77097	3.22874	4.05102	2.79562	2.77955	3.08857	3.17739	2.48384	2.28866	3.14928	5.47263	4.19195	304	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02879	3.95775	4.68009	0.61958	0.77255	0.36715	1.17996																		
272	2.91470	4.34249	4.38203	3.81236	3.28543	4.07969	4.41369	1.35862	3.68116	1.77582	2.71955	4.05463	3.45603	3.90971	3.87109	3.38822	3.15043	2.11689	5.02978	3.86572	305	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
273	2.64609	5.04816	2.58512	2.22425	4.35241	3.40601	3.61154	3.80790	1.94958	2.85632	4.10362	2.77535	3.81174	2.56996	2.83302	2.62622	2.49808	3.41726	5.50193	4.11974	306	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
274	2.38098	4.45273	3.32835	2.79865	3.74718	3.42987	3.83713	3.12083	2.74104	2.57155	3.68554	3.21653	1.92472	3.08939	3.12154	2.47264	2.75493	2.84468	4.71318	3.87470	307	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
275	2.80424	4.29988	4.09588	3.52113	3.25088	3.89612	4.16500	1.87580	2.93176	1.43492	3.20842	3.79940	4.24078	3.63922	3.55196	3.18960	3.03448	2.29796	4.89077	3.47377	308	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
276	2.54099	4.97622	2.81843	1.94962	4.26666	3.40400	3.63429	3.55765	2.41251	3.26448	4.05144	2.82239	2.53023	2.66081	2.89065	2.51188	2.81909	3.25377	5.46164	4.09138	309	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
277	2.34547	4.52672	3.22178	2.54977	3.70235	3.50627	3.73571	2.98058	2.54397	2.65974	2.86765	2.97935	3.08744	2.96709	3.04888	2.73069	2.45062	2.72411	5.08113	3.80721	310	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
278	2.62514	5.14309	2.56164	1.81572	4.45369	3.38212	3.64310	3.92246	2.37269	3.43437	4.20601	2.85830	2.66908	2.48652	2.92244	2.65954	2.69258	3.51743	5.59614	4.19173	311	e	-	-	-
	2.68628	4.42242	2.77529	2.73127	3.46343	2.40487	3.72512	3.29371	2.67758	2.69372	4.24707	2.90337	2.73743	3.18164	2.89818	2.37895	2.77502	2.98455	4.58494	3.61472					
	0.31824	1.32738	4.90608	1.19659	0.35986	0.48576	0.95510																		
279	2.20658	4.99316	2.89100	2.23474	4.28511	3.41142	3.23350	3.73118	2.18889	3.27509	4.05542	2.80334	2.89742	2.67887	2.84563	2.45231	2.86865	3.29957	5.46140	4.09010	318	k	-		

396	2.41895	5.05944	2.37085	2.07841	4.38623	3.37472	3.66091	3.84341	2.46246	3.38018	4.16172	2.87902	2.54055	2.78716	2.95798	2.51271	2.56569	3.45089	5.56191	4.17028	437	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
397	2.35268	5.03124	2.36691	2.12392	4.33427	3.32389	3.63041	3.78853	2.41158	3.32599	4.10309	2.80869	3.81321	2.68327	2.90092	2.20013	2.78777	3.07117	5.50821	4.12312	438	e	-	-	-
	2.68619	4.42226	2.77520	2.73124	3.46355	2.40513	3.72495	3.29355	2.67741	2.69356	4.24630	2.90347	2.73740	3.18147	2.89801	2.37887	2.77520	2.98519	4.58478	3.61504					
	0.02734	2.77449	4.90608	0.43961	1.03364	0.48576	0.95510																		
398	2.78915	4.78555	3.03573	2.86082	4.55438	0.94820	4.13419	4.02776	2.43496	3.64759	4.52814	3.27559	3.99189	3.36165	3.25077	2.88368	3.18476	3.59171	5.74491	4.51670	440	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
399	2.49137	5.03709	2.88544	2.27206	4.35020	3.16802	3.61546	3.80152	2.07762	3.32746	4.10152	2.27629	3.81846	2.73229	2.59929	2.57504	2.57078	3.41357	5.49607	4.12190	441	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
400	3.18265	5.20389	3.48914	2.72793	4.64391	3.72888	3.80670	4.03853	2.11371	3.51709	4.42682	3.35238	4.15800	2.96473	0.90586	3.20109	3.38247	3.73247	5.55689	4.39391	442	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
401	2.67830	4.59462	3.26468	2.71812	2.99004	3.56147	3.71235	3.00078	2.67225	2.79699	3.68594	2.84904	3.94707	2.02737	3.07360	2.79514	2.90929	2.89855	4.86952	2.58438	443	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
402	2.37578	4.18169	3.90219	3.18263	3.29871	3.72450	4.02508	1.78939	3.23500	2.23764	2.72345	3.62048	3.43171	3.49610	3.48638	3.00222	2.88289	2.18950	4.82395	3.62206	444	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
403	2.40235	4.13416	3.90754	3.32986	3.25349	3.68408	3.98590	2.20239	3.23381	2.32092	3.05756	3.60197	4.05848	3.48358	3.46981	2.57201	2.69848	1.88021	4.75922	3.01719	445	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
404	2.25772	4.83996	2.97590	2.04062	4.09912	3.42804	3.64698	3.51928	2.43907	3.11432	3.31661	2.96047	3.58783	2.62923	2.90214	2.38026	2.65019	3.18621	5.34903	4.00844	446	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
405	3.14774	4.45479	4.92175	4.42461	3.70261	4.51378	5.12390	1.05290	4.31657	2.22755	3.49854	4.61964	4.83404	4.57988	4.50634	3.90172	3.18480	1.31564	5.64411	4.44379	447	i	-	-	-
	2.68588	4.42227	2.77522	2.73125	3.46356	2.40515	3.72497	3.29356	2.67743	2.69357	4.24692	2.90349	2.73742	3.18148	2.89803	2.37889	2.77522	2.98520	4.58479	3.61505					
	0.15442	1.99738	4.90608	0.30389	1.33918	0.48576	0.95510																		
406	2.74101	5.05073	1.57645	2.35620	4.61510	2.08577	3.84409	4.08856	2.76750	3.63826	4.44758	2.89152	3.86506	3.00236	3.29095	2.44186	2.76800	3.63938	5.82231	4.41135	449	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
407	1.81348	4.65443	3.01267	2.62648	4.27156	2.14997	3.86049	3.69694	2.69248	3.30815	4.12531	3.07591	3.83525	2.31318	3.11850	2.44426	2.88948	3.28936	5.53674	4.22552	450	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
408	2.29070	4.33383	3.61005	3.07447	3.01280	3.57768	3.97299	2.41129	3.01941	2.48554	3.46744	3.43675	1.98521	3.32252	3.35203	2.87079	2.89563	2.51798	4.99442	3.74678	451	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
409	3.18407	4.53198	4.80864	4.30960	3.46547	4.44241	4.94945	1.95174	4.15641	1.47957	3.30674	4.52439	4.76169	4.40587	4.33038	3.82947	3.44910	1.08794	5.42835	4.23412	452	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
410	3.22903	4.52517	4.99807	4.52296	3.64476	4.59678	5.22264	0.91817	4.40013	2.10693	3.44181	4.72065	4.90437	4.65941	4.57936	4.00742	3.50044	1.48786	5.66898	4.46663	453	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
411	3.22031	4.91301	3.86274	3.75476	4.70463	3.58351	4.79631	4.34360	3.84144	3.93066	5.00116	4.02490	0.41006	4.22005	4.04145	3.39999	3.68818	3.95083	5.79302	4.83303	454	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
412	2.64663	4.85570	3.02635	2.42117	4.13697	3.44894	3.65562	3.54896	1.91337	3.13919	3.95169	2.99065	3.85059	2.80141	2.71901	2.24318	2.40931	2.90012	5.36305	4.03672	455	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02290	4.18373	4.90608	0.61958	0.77255	0.48576	0.95510																		
413	3.68410	4.99736	4.66912	4.45276	0.61317	4.27914	4.05653	3.18184	4.35515	2.48406	3.87144	4.38573	4.73817	4.43916	4.39718</										

CONS yes
 CS no
 MAP yes
 DATE Tue Jan 2 10:16:23 2018
 NSEQ 33
 EFFN 0.954712
 CKSUM 989184870
 STATS LOCAL MSV -11.4998 0.69901
 STATS LOCAL VITERBI -12.2907 0.69901
 STATS LOCAL FORWARD -6.0573 0.69901

HMM	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
	m->m	m->i	m->d	i->m	i->i	d->m	d->d													
COMPO	2.53589	4.57913	3.04421	2.74772	3.19902	2.80752	3.83449	2.73088	2.75551	2.45141	3.55085	3.12427	3.22409	3.13744	2.98003	2.72534	2.79067	2.50991	4.15916	3.48310
	2.68613	4.42239	2.77534	2.73132	3.46340	2.40527	3.72509	3.29353	2.67713	2.69358	4.24590	2.90345	2.73754	3.18147	2.89789	2.37892	2.77518	2.98504	4.58491	3.61517
	0.38717	1.98344	1.69592	1.53347	0.24307	0.00000	*													
1	2.46449	4.27048	3.73987	3.18451	3.34605	3.68741	3.99901	2.22631	2.85361	2.20861	2.06966	3.52910	4.07075	3.37708	3.31756	2.97634	2.90994	2.28635	4.91962	3.71320
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02840	3.97144	4.69378	0.61958	0.77255	0.68064	0.70581													
2	2.79226	5.09971	2.69333	2.06535	4.45990	2.89507	3.64152	3.88211	1.57386	3.40325	4.22835	2.89123	3.85546	2.78327	2.64093	2.76534	3.03033	3.51539	5.54711	4.21754
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02840	3.97144	4.69378	0.61958	0.77255	0.68064	0.70581													
3	2.55430	4.31400	3.37006	2.80771	3.45445	3.50995	3.23814	2.50030	2.73740	2.20458	3.33537	3.02042	3.89508	3.06854	3.09493	2.64922	2.52808	2.58248	4.88859	3.64276
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02840	3.97144	4.69378	0.61958	0.77255	0.68064	0.70581													
4	2.38600	4.27259	3.45163	2.90772	3.46537	3.06644	3.83898	2.16812	2.84990	2.36872	3.42322	2.87364	3.92074	3.16661	3.19505	2.77882	2.80076	2.35044	4.92336	3.68720
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02840	3.97144	4.69378	0.61958	0.77255	0.68064	0.70581													
5	2.67449	4.85866	3.04287	2.38889	4.12125	3.46813	3.63738	3.52482	1.83111	3.11275	2.74701	2.69615	3.86012	2.78699	2.64527	2.70439	2.80457	3.20484	5.33306	4.02320
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02464	4.11150	4.83384	0.61958	0.77255	0.44905	1.01676													
6	2.51326	4.93290	2.34032	2.38275	4.20910	3.28652	3.60910	3.39468	2.10800	3.20752	3.46820	2.83311	3.80563	2.73489	2.61389	2.61274	2.84162	3.28605	5.40839	3.71129
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
7	2.87933	5.16128	3.18722	2.59753	4.55565	3.57923	3.63769	3.95184	1.50445	3.42330	4.23662	2.96569	3.96047	2.63170	1.92858	2.41399	3.07872	3.59004	5.51877	4.25170
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
8	2.60902	4.16767	4.23077	3.65618	3.17954	3.46150	4.22083	1.70370	3.54134	1.90023	3.26330	3.86891	4.23566	3.76904	3.72872	3.17570	2.77635	1.80027	4.88902	3.69627
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
9	2.14975	4.41168	3.33585	2.77718	3.12374	2.89818	3.78445	2.94053	2.52982	2.53215	3.52388	3.03861	3.91688	3.06200	3.12674	2.76531	2.76038	2.35330	4.99435	3.74154
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
10	2.80220	4.98532	3.21483	2.61256	3.71692	3.55977	3.65461	3.68740	1.44208	3.23466	4.06933	3.08906	3.94075	2.79586	2.09884	2.82121	2.83088	3.36441	5.40209	4.12315
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
11	2.43243	4.13145	4.01396	3.43102	3.18484	3.72646	4.02093	2.31692	3.31463	1.61191	3.00242	3.67383	3.35469	3.55085	3.52034	3.01015	2.86757	2.34238	3.56639	3.53568
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510													
12	2.21221	4.27111	3.54267	2.97773	3.42070	3.33394	3.85856	2.65343	2.91821	2.27054	3.39694	3.35631	3.95965	3.21719	3.25124	2.20640	2.68414	2.55350	3.46827	3.64830
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.05279	4.16489	3.32740	0.61958	0.77255	0.48576	0.95510													
13	2.26622	4.14781	3.95389	3.37950	2.44355	3.25509	4.01108	2.50661	3.27704	1.82506	2.82986	3.64029	4.07916	3.52028	3.50208	2.99051	2.86717	2.33749	4.74920	3.54203
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02403	4.13613	4.85848	0.61958	0.77255	0.51985	0.90291													
14	2.56424	4.14370	4.11443	3.53585	2.97115	3.80002	4.11926	2.14604	3.42625	1.94429	3.10268	3.76702	4.16090	3.65595	3.62574	2.61718	2.91148	1.71065	4.81032	3.61680
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02403	4.13613	4.85848	0.61958	0.77255	0.51985	0.90291													
15	1.66713	4.33086	3.40994	2.96362	3.95285	2.16433	4.00940	3.30809	2.95380	2.45014	3.88371	3.28100	3.82807	3.27159	3.31542	2.32659	2.80159	2.95361	5.33608	4.09159
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.03948	4.13613	3.78410	0.61958	0.77255	0.46502	0.98919													
16	2.59105	4.33175	4.43433	3.87552	3.38418	4.11421	4.50735	1.82660	3.76291	1.38793	3.25678	4.11261	4.44981	3.99473	3.96180	3.43400	2.94999	1.76713	5.13530	3.96516
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739							

63	3.06603	5.67994	1.45983	1.26293	4.96494	3.30380	3.86529	4.50064	2.90511	3.98431	4.84165	2.76146	3.93686	3.03276	3.51937	2.93555	3.35815	4.05979	6.12735	4.60409	79	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
64	2.78199	5.20545	2.22351	1.62470	4.52846	3.34560	3.72217	3.99039	2.58385	3.52614	4.32664	2.83710	3.85739	2.86180	3.10110	2.63443	2.10091	3.59244	5.70734	4.28786	80	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
65	3.12009	4.48236	4.73820	4.16080	2.51753	4.32843	4.61566	2.25712	4.03145	1.50329	1.71486	4.35927	4.58192	4.15013	4.14488	3.65115	3.34466	1.90633	5.02118	3.88355	81	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
66	2.60857	4.73151	2.77850	2.25299	3.96493	3.44272	3.67474	3.10759	2.50117	2.99337	3.82422	3.00417	3.84403	2.84410	2.95465	2.29859	2.36497	2.58664	5.26559	3.94694	82	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
67	2.97719	3.04586	4.78274	4.22507	3.43739	4.27536	4.70443	1.49700	4.09570	1.73376	3.31132	4.36572	4.58771	4.28724	4.22007	3.61507	3.22136	1.47631	5.20728	4.02992	83	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
68	2.42687	4.39428	3.32457	2.96479	4.22495	3.16449	4.08135	3.59914	2.86488	3.29319	4.13878	3.72221	3.82557	3.31594	3.31604	1.57098	1.60441	3.16801	5.55770	4.30501	84	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
69	3.07087	4.80683	3.80366	3.74507	4.86220	0.39323	4.83738	4.54296	3.96555	4.15653	5.14181	3.96927	4.20642	4.26711	4.15990	3.25273	3.57468	4.01458	5.86989	4.97743	85	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
70	3.26687	5.21885	3.46078	3.04013	4.67338	3.71239	3.95890	4.12415	0.69708	3.63003	4.58538	3.44777	4.19999	3.14070	2.53526	3.29544	3.50296	3.81902	5.61432	4.47465	86	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
71	3.10062	4.45987	4.70258	4.15844	1.68490	4.30085	4.50044	2.12010	4.02807	1.79376	3.16393	4.31815	4.59288	4.17948	4.15858	3.63569	3.33843	1.56264	4.88981	3.54680	87	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
72	2.78219	4.49862	3.59690	3.04856	2.98498	3.71906	1.88174	2.88295	2.91998	2.35825	2.50372	3.43327	4.09391	3.27106	3.24377	2.98516	3.01465	2.72468	4.69660	3.25658	88	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
73	3.03126	4.37869	4.67870	4.13703	3.55748	4.33012	4.78761	1.65804	4.02887	1.91259	3.39886	4.35850	4.64567	4.27381	4.22456	3.67249	2.80876	1.14575	5.37375	4.18380	89	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
74	2.55034	4.34850	4.38888	3.81897	1.75462	4.04358	4.30158	2.38459	3.69189	1.69370	2.42535	4.02988	4.36483	3.87679	3.85500	3.35081	3.14773	2.35058	4.82904	3.59119	90	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
75	2.34364	5.02902	2.63206	2.00985	4.35410	3.37090	3.66558	3.80577	2.43567	3.35246	4.14103	2.88378	2.72705	2.79681	2.96139	2.13753	2.92208	3.42184	5.54286	4.15855	91	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
76	2.27713	4.81312	2.67060	2.29138	4.08427	2.50127	3.66977	3.06260	2.48529	3.10518	3.92155	2.96417	3.83209	2.82419	2.95108	2.65258	2.53082	3.16537	5.35141	4.01416	92	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
77	3.86835	5.12987	4.56789	4.35347	3.02935	4.08352	4.30963	3.91661	4.07628	3.25628	4.53479	4.44682	4.62737	4.44811	4.14946	4.06898	4.18585	3.81445	0.45737	3.01784	93	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
78	3.18863	4.88603	3.82888	3.71728	4.67093	3.55752	4.76170	4.30328	3.80198	3.89323	4.96207	3.98991	0.42795	4.18131	4.00541	3.36743	3.65485	3.91304	5.76614	4.79867	94	P	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
79	2.64107	4.96185	2.95118	1.93333	4.24529	3.43002	3.16143	3.34697	2.34164	3.23346	4.02252	2.93026	3.82306	2.30774	2.58769	2.64046	2.86932	3.04713	5.42364	4.06846	95	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
80	2.02788	4.73502	2.94382	2.04104	4.18289	3.33413	3.76641	3.58611	2.59658	3.20846	4.02838	3.01191	3.83420	2.93189	3.04640	2.33092	2.17667	3.22309	5.45150	4.12483	96	a	-	-	-
	2.68618	4.422																							

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
86	2.38097	4.20922	3.95778	3.41047	3.44923	3.68376	4.14884	1.86843	3.32547	2.43160	3.40581	3.67672	4.12067	3.59479	3.58537	2.47440	2.69403	1.72440	4.98763	3.78033	102	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
87	1.93512	4.33167	3.45817	3.00303	4.00332	2.90603	4.04444	2.81621	2.98803	3.06898	3.92805	3.30549	3.83267	3.30313	3.34985	1.45961	2.80615	2.97549	5.38291	4.14051	103	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
88	3.75093	4.97771	4.75667	4.46427	0.79991	4.50000	3.60427	3.35253	4.30308	2.65022	3.95258	4.20611	4.81145	4.26361	4.32022	3.88655	3.97785	3.30961	3.73850	1.75164	104	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
89	3.41684	4.71632	5.05415	4.49591	2.41629	4.67352	4.85686	2.00271	4.36353	0.84735	2.91814	4.70253	4.83290	4.40232	4.43684	4.02532	3.63295	2.38659	5.07803	3.88940	105	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
90	2.91580	5.11872	2.66847	2.48929	4.08036	3.41069	3.01735	4.00785	2.65783	3.53938	4.42225	1.20117	3.97408	3.05413	3.04977	2.90510	3.20810	3.64038	5.42593	3.94385	106	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
91	2.34455	4.12246	4.26970	3.68641	2.40707	3.83114	4.13229	1.87044	3.55210	2.14989	3.17218	3.85248	4.18734	3.75040	3.69814	3.13037	2.92538	1.95456	4.72822	3.04892	107	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
92	2.49349	4.34344	3.44377	3.02470	2.41470	1.79629	3.99805	3.21282	3.04128	2.90980	3.80225	3.33913	3.89199	3.33730	3.38739	2.12800	2.85575	2.90016	5.12088	3.78921	108	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
93	2.67938	4.33149	3.63752	2.39994	3.48925	3.70014	3.97955	2.02897	3.01807	2.45495	3.14647	3.46750	4.07424	3.32417	3.35555	2.95949	2.58211	1.95430	4.99796	3.76954	109	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
94	3.18863	4.88603	3.82888	3.71728	4.67093	3.55752	4.76170	4.30328	3.80198	3.89323	4.96207	3.98991	4.02795	4.18131	4.00541	3.36743	3.65485	3.91304	5.76614	4.79867	110	P	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
95	3.07087	4.80683	3.80366	3.74507	4.86220	0.39323	4.83738	4.54296	3.96555	4.15653	5.14181	3.96927	4.20642	4.26711	4.15990	3.25273	3.57468	4.01458	5.86989	4.97743	111	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
96	3.18863	4.88603	3.82888	3.71728	4.67093	3.55752	4.76170	4.30328	3.80198	3.89323	4.96207	3.98991	4.02795	4.18131	4.00541	3.36743	3.65485	3.91304	5.76614	4.79867	112	P	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
97	2.65388	4.52820	3.31310	2.77936	3.74979	3.52096	3.78985	3.09185	2.58995	2.79049	3.67516	3.21341	3.93970	2.59593	2.61883	2.55330	2.90025	1.76880	5.11835	3.86444	113	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
98	3.19717	4.53671	4.86469	4.28564	2.05223	4.42046	4.68282	2.27383	4.15158	1.15498	2.56079	4.46854	4.64639	4.23143	4.23564	3.74961	3.41758	2.01993	5.02079	3.88263	114	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
99	3.23387	4.50575	5.04694	4.51797	3.50470	4.64564	5.12622	1.30021	4.41019	1.58371	3.29265	4.72001	4.88132	4.59500	4.55642	4.01857	3.47864	1.35879	5.51443	4.36755	115	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
100	3.21882	5.25214	3.67805	2.99330	4.73034	3.78914	3.72480	4.07985	1.77232	3.51405	4.41051	3.35919	4.16664	2.86775	0.98092	3.22490	3.38107	3.77521	5.53220	4.39683	116	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
101	2.29418	4.92260	2.97526	2.39746	4.24515	3.44628	3.67025	3.65133	1.74145	3.22772	4.04247	2.99099	3.86938	2.76479	2.75715	2.71302	2.31785	3.30771	5.43135	4.10855	117	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
102	1.92654	4.90745	2.69634	1.72350	4.41152	2.35652	3.80910	3.83744	2.67158	3.43113	4.25045	2.94644	3.85588	2.97101	3.14516	2.70305	2.99066	3.43884	5.64400	4.28144	118	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48																			

130	1.06629	4.25576	3.57776	3.34883	4.47365	1.77408	4.42038	3.84730	3.44691	3.58038	4.42024	3.45636	3.80161	3.71393	3.73468	2.51146	2.83250	3.28583	5.81309	4.62905	147	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
131	3.36714	5.16534	3.89059	3.35258	4.59608	3.78529	4.08066	4.16726	2.41459	3.63009	4.63119	3.68530	4.28143	3.29398	0.61106	3.44264	3.61809	3.88059	5.56480	4.46945	148	R	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
132	2.67789	4.75160	3.16313	2.58728	3.95903	3.51110	3.67660	3.36785	2.39078	2.69639	3.83326	2.77556	3.89469	2.70941	1.87211	2.74295	2.90121	2.79372	5.23623	3.61625	149	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
133	2.11312	4.50454	3.15830	2.77133	4.17703	3.07331	3.94283	3.57464	2.80677	3.22635	4.06258	3.16480	1.68648	2.92977	3.20037	2.61015	2.51389	3.17708	5.48898	4.21297	150	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
134	3.07087	4.80683	3.80366	3.74507	4.86220	0.39323	4.83738	4.54296	3.96555	4.15653	5.14181	3.96927	4.20642	4.26711	4.15990	3.25273	3.57468	4.01458	5.86989	4.97743	151	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
135	2.62429	4.98811	2.36689	2.29633	4.27847	3.40562	3.30124	3.26201	2.36468	3.26860	4.04643	2.76691	3.80492	2.72724	2.40153	2.61500	2.47670	3.34961	5.45356	4.08010	152	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
136	3.80232	4.99441	4.81117	4.50654	1.83269	4.53046	3.51797	3.54867	4.32198	2.87633	4.11701	4.17994	4.82456	4.25191	4.32273	3.89037	4.01448	3.44948	1.28803	1.42818	153	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
137	2.84259	4.87830	3.03855	2.72635	3.92476	3.46250	1.42342	3.76637	2.67708	3.33336	4.22974	3.18720	2.33842	3.12978	3.02387	2.90112	3.14202	3.43177	5.28091	3.86528	154	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
138	3.14546	4.46014	4.85404	4.32140	3.53253	4.49003	4.96880	1.69151	4.20689	2.04505	2.79913	4.53988	4.77264	4.43417	4.38609	3.85019	3.39591	0.99044	5.46443	4.29328	155	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
139	2.83413	4.86274	2.98826	2.74016	4.04146	2.13113	1.34254	3.87256	2.78762	3.44809	4.33401	3.19634	3.99233	3.20456	3.14297	2.89842	3.16436	3.50409	5.37917	3.98028	156	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
140	2.07786	4.35132	3.43981	2.94684	3.97270	3.23643	3.99181	3.32404	2.92260	3.03375	3.88742	3.27571	2.18521	3.23964	3.29848	2.34089	2.11245	2.55876	5.34532	4.09879	157	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
141	2.67068	4.34023	3.61661	3.05854	2.93805	3.65946	3.92358	2.71820	2.96683	2.32092	2.01413	3.43837	4.03819	2.64066	3.28494	2.92491	2.61186	2.55379	4.90034	3.66655	158	m	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
142	3.17238	4.50279	4.89914	4.31511	2.64637	4.41780	4.72868	1.96709	4.18068	1.31063	1.92898	4.48841	4.64524	4.25753	4.25445	3.74820	3.39366	2.01560	5.07543	3.99227	159	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
143	2.63666	4.74600	2.77324	2.61171	4.45459	3.21397	3.99354	4.01016	2.88818	3.61700	4.45978	1.25466	3.87360	3.19967	3.30330	2.08315	3.03256	3.53352	5.73664	4.36593	160	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
144	3.15186	4.45397	4.91368	4.36249	3.41528	4.49831	4.91769	1.61625	4.24938	1.74594	2.56952	4.55718	4.75177	4.41975	4.38663	3.84727	3.39022	1.23103	5.34792	4.21148	161	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
145	2.86459	5.27930	2.73588	1.60319	4.63061	3.45294	3.67763	4.07512	1.81226	3.54854	4.35163	2.92510	3.91201	2.36746	2.68407	2.81319	3.09159	3.68143	5.66352	4.30990	162	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
146	2.87235	5.30761	1.88660	2.04939	4.67403	1.66411	3.80292	4.15371	2.74797	3.68520	4.50851	2.81435	3.88845	2.95993	3.29833	2.80957	2.93444	3.73934	5.86821	4.42012	163	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
147	1.84427	4.31109	3.52603	3.11729	3.98835	1.56532	4.13506	2.65082	3.10518	3.02380	3.92713	3.38219	3.86845	3.41961	3.4395										

197	1.86413	4.19607	3.97897	3.40953	2.60196	3.60766	4.07100	2.29678	3.31355	1.94440	3.25005	3.68103	4.12720	3.56279	3.55079	3.03885	2.91515	2.24961	4.82317	3.60894	215	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
198	2.72165	4.37520	4.74470	4.19018	3.30341	4.33950	4.75092	1.55456	4.07966	1.60228	3.27804	4.38441	4.63242	4.27593	4.23565	3.67584	3.28180	1.44064	5.26283	4.09771	216	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
199	1.70577	4.28588	3.50732	3.32828	4.53830	1.06704	4.44491	3.92235	3.47489	3.65386	4.49877	3.45263	3.81463	3.73960	3.76034	2.53372	2.86478	3.34270	5.86454	4.68232	217	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
200	2.18377	4.23853	4.35497	3.78423	3.17590	4.01344	4.36665	1.86321	3.67664	1.96263	3.10801	4.00447	4.35351	3.89976	3.86567	3.31891	2.97867	1.55448	5.00849	3.82216	218	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
201	1.45119	3.80891	3.72762	3.20122	3.02185	2.85307	4.04471	2.86451	3.13820	2.65172	3.56195	3.46309	3.92589	3.41927	3.44109	2.72666	2.81303	2.45069	5.05145	3.83152	219	a	-	-	-
	2.68618	4.42226	2.77520	2.73124	3.46354	2.40510	3.72495	3.29354	2.67741	2.69351	4.24690	2.90347	2.73740	3.18147	2.89801	2.37887	2.77520	2.98519	4.58477	3.61504					
	0.04227	3.38577	4.88723	0.63282	0.75735	0.48576	0.95510																		
202	3.58086	4.95839	4.41963	4.08414	2.36814	4.20131	3.77994	3.47178	3.75090	2.82204	4.07037	4.09198	4.62314	4.06026	3.87227	3.73282	3.84247	3.38135	0.85612	2.25455	222	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
203	3.06361	4.42692	4.72964	4.14154	3.09998	4.26575	4.56121	1.80026	3.99521	1.12169	2.63326	4.31605	4.52756	4.11183	4.09006	3.58471	3.28635	2.23011	4.20869	3.86150	223	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.04227	4.16489	3.65497	0.61958	0.77255	0.48576	0.95510																		
204	2.57929	4.11372	4.01084	3.43010	2.92565	3.08919	4.00691	2.39566	3.32003	1.73618	3.19184	3.66691	4.08258	3.55140	3.52422	3.00020	2.85469	2.04162	4.70777	3.02331	224	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02379	4.14640	4.86874	0.61958	0.77255	0.47215	0.97726																		
205	3.95439	5.06073	4.96686	4.73578	1.48265	4.62868	3.48983	3.65252	4.54454	2.94363	4.21059	4.24895	4.90689	4.36206	4.46487	4.00070	4.15995	3.56009	2.25232	0.98366	225	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
206	3.58330	4.93383	4.54895	4.21088	2.22764	4.24603	3.80067	3.34975	3.95948	2.67887	3.96360	4.16369	4.65746	4.15804	4.05926	3.76294	3.84927	3.29162	0.87851	2.31973	226	w	-	-	-
	2.68618	4.42225	2.77520	2.73123	3.46354	2.40509	3.72495	3.29354	2.67741	2.69355	4.24690	2.90347	2.73740	3.18146	2.89801	2.37887	2.77520	2.98518	4.58477	3.61503					
	0.04227	3.38577	4.88723	0.53555	0.88031	0.48576	0.95510																		
207	2.57120	3.46902	4.32656	3.73629	2.56821	3.81202	4.14372	2.27264	3.58861	1.87178	3.03359	3.86939	4.17173	3.77759	3.70879	3.04170	2.79029	1.72808	4.73212	3.54828	228	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
208	2.50878	4.55483	3.22595	2.65931	3.55123	3.50961	3.72769	2.64756	2.36613	2.78442	3.64911	3.12992	3.89564	2.95020	2.18912	2.54744	2.84776	2.64658	5.10410	3.83076	229	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
209	2.86363	5.04355	3.29516	2.65977	4.37983	3.60443	3.64938	3.76048	1.68365	2.83195	4.12004	2.93304	3.97294	2.78582	1.69263	2.87600	3.06115	3.24759	5.42680	4.17410	230	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
210	2.84554	5.01757	3.12846	2.63182	4.41209	3.53047	3.70694	3.81245	1.79402	3.34542	4.18423	3.10209	1.82313	2.85272	2.32856	2.86279	3.07663	3.47040	5.48992	4.22310	231	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.16929	4.16489	1.96466	0.61958	0.77255	0.48576	0.95510																		
211	2.48923	4.29049	3.42922	2.86387	3.43888	2.80417	3.79648	2.60432	2.80958	2.27963	3.17436	3.27050	3.29185	3.12078	3.04457	2.77802	2.79447	2.33652	4.88545	3.64992	232	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02696	4.02256	4.74491	0.61958	0.77255	0.40204	1.10549																		
212	2.91829	4.36627	4.36197	3.82936	1.53403	4.01795	4.27788	2.01781	3.70336	2.00908	3.22397	4.02136	4.38108	3.91235	3.87976	3.34641	2.69513	2.24748	4.79234	3.44254	233	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
213	2.49953	4.27039	4.26593	3.70818	3.46853	3.98958	4.38899	1.59363	3.61146	2.11614	3.37888	3.96305	4.35465	3.86831	3.84184	3.30058	2.32985	1.69239	5.11261	3.91176	234	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
214	2.27493	4.68023	3.09549	2.60072	4.20059	3.11403	3.77394	3.62022	2.54541	3.22150	4.03423	3.06099	2.23191	2.93610	2.3010										

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
220	2.15001	4.97190	2.52547	2.19225	4.25483	3.05724	3.62211	3.69914	2.40246	3.25317	4.03815	2.82948	3.80946	2.74837	2.80240	2.43938	2.81613	3.33047	5.45016	3.42912	241	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
221	1.97374	4.60005	3.04212	2.41061	3.83171	3.45548	3.72534	3.20123	2.59151	2.61915	3.72641	3.08028	3.86725	2.92864	3.02232	2.37845	2.69717	2.68239	5.17992	3.88894	242	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
222	2.63264	4.67071	2.92426	2.31862	4.19313	1.45437	3.91805	3.53181	2.79005	3.23356	4.10395	3.10164	3.88932	3.12577	3.19675	2.72453	2.97154	2.72422	5.51387	4.20965	243	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
223	2.79816	5.02571	3.18701	2.58241	4.35980	3.55050	3.64031	3.75737	1.65019	2.85938	4.10367	3.06592	3.28927	2.77249	1.94257	2.70747	3.00680	3.41792	5.43559	4.15505	244	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
224	2.17714	4.43695	2.83156	1.99748	4.22802	3.14678	3.61813	3.66808	2.18723	3.22672	4.01215	2.91272	3.45546	2.74447	2.86482	2.61500	2.84886	3.20939	5.42632	4.06098	245	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
225	2.81751	5.32678	1.71911	1.67260	4.62108	3.11659	3.22906	4.11547	2.57803	3.36760	4.40505	2.80643	3.85876	2.84654	3.10870	2.74846	3.07162	3.69786	5.76975	4.32444	246	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
226	2.75787	5.20973	2.31458	1.49837	4.52763	3.35569	3.68970	4.00051	2.51938	3.51562	4.30225	2.83585	3.84438	2.81976	2.90174	2.37392	2.75919	3.59358	5.68216	4.26345	247	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
227	2.63824	4.42710	3.94210	3.42251	3.34265	3.85280	4.20865	2.50182	3.24690	1.18161	3.24728	3.74647	4.24279	3.20227	3.50023	3.17410	3.10052	2.27105	5.04189	3.85133	248	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72495	3.29354	2.67741	2.69355	4.24690	2.90347	2.73740	3.18146	2.89801	2.37887	2.77520	2.98518	4.58477	3.61503					
	0.04227	3.38577	4.88723	0.53555	0.88031	0.48576	0.95510																		
228	3.12420	4.43323	4.89684	4.35263	2.52233	4.44298	4.82600	1.27588	4.23495	1.93931	3.23665	4.51614	4.71530	4.39641	4.35858	3.79378	3.36568	1.50571	5.23782	4.03045	250	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
229	2.44070	4.48262	3.16595	2.78499	4.29452	2.56450	3.97966	3.72339	2.86029	3.35269	4.16616	2.67710	3.80183	3.17617	3.27175	1.79918	1.80295	3.26562	5.58547	4.30172	251	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
230	2.29683	5.03696	2.25409	2.34004	4.38843	3.00395	3.67360	3.84468	2.27609	3.38516	4.17083	2.88165	2.45700	2.80378	2.97213	2.61719	2.92804	3.45028	5.56926	4.18102	252	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
231	2.57489	4.85418	2.68342	2.38004	4.10659	2.86403	3.62825	3.53058	2.33357	2.85503	3.43632	2.94477	3.81761	2.47373	2.88248	2.62922	2.48239	3.08890	5.34772	4.00209	253	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
232	3.04300	5.58218	1.00083	2.01699	4.89826	3.29697	3.87826	4.38775	2.92389	3.92182	4.79267	2.77300	3.93706	3.05250	3.52760	2.93001	3.09710	3.96803	6.09825	4.58593	254	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
233	3.04501	5.23814	3.45332	2.77471	4.68827	3.70266	3.65117	4.03639	1.44832	3.47251	4.31534	3.20347	4.05926	2.59755	1.51255	3.02958	2.93103	3.69909	5.52528	4.33193	255	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
234	2.80407	5.08653	3.15536	2.55294	4.43757	3.54547	3.62692	3.84210	1.68248	3.16798	4.15196	3.04388	3.92213	2.21513	2.18046	2.79611	2.53009	3.48594	5.47382	4.18471	256	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
235	3.12639	4.42914	4.91189	4.36147	2.80193	4.46290	4.86007	1.54555	4.24678	1.78514	3.23296	4.53258	4.72551	4.40806	4.37118	3.81087	3.36511	1.24930	5.27973	4.10620	257	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
236	1.62996	2.70737	3.92842	3.54934	4.21993	1.44030	4.41175	3.58372	3.49481	3.32326	4.16533	3.53232	3.77707	3.75040	3.74624	2.39438	2.74756	3.08739	5.61708	4.44443	258	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.																				

264	3.43734	4.74801	5.00420	4.47935	3.17954	4.69483	5.02483	1.84448	4.29201	0.79547	2.98979	4.73411	4.88240	4.44072	4.40886	4.08174	3.67011	2.23084	5.29594	4.18426	286	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
265	3.15245	5.12453	3.13482	2.90531	4.33089	3.58519	4.06225	4.01824	2.70785	3.48982	4.52006	3.36365	4.14957	0.79098	2.98153	3.19274	3.45419	3.73260	5.55451	4.27303	287	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
266	1.68418	4.84313	2.89841	2.19950	4.18044	3.40401	3.72339	3.56997	2.28227	3.18882	4.01773	2.99226	3.86615	2.88492	2.92619	2.70882	2.64479	3.23570	5.42905	4.10342	288	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
267	2.37749	4.31552	3.46584	3.24397	4.45839	1.15648	4.35841	3.83287	3.33814	3.55957	4.41172	3.41743	3.82428	3.63791	3.63860	2.55406	1.88550	3.29978	5.78732	4.58611	289	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
268	2.62025	4.42342	3.37467	2.80658	3.10686	3.55552	3.78307	2.93870	2.40562	1.93814	3.52157	3.08430	3.93774	3.06411	2.78307	2.79926	2.58384	2.70322	4.98406	3.73477	290	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
269	2.60152	4.33814	3.03873	2.88416	3.46298	3.57380	3.82265	2.71822	2.83801	2.20281	2.72522	3.29772	3.95266	2.71705	3.19762	2.81699	2.83309	2.40258	4.91313	3.04454	291	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
270	2.72180	5.00920	2.72603	2.46681	4.28699	3.47780	3.63196	3.73280	2.05602	3.27240	4.07642	2.98051	3.87325	2.76401	1.79205	2.72047	2.94303	3.38036	5.43290	3.18915	292	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.25017	4.16489	1.58085	0.61958	0.77255	0.48576	0.95510																		
271	2.14129	4.25120	3.20186	2.86726	4.19979	1.84223	4.01321	3.59634	2.93730	3.26942	4.09760	3.15677	2.57113	3.24516	3.30446	2.42274	2.31754	3.11623	5.52303	4.27638	293	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02920	3.94392	4.66626	0.61958	0.77255	0.37059	1.17225																		
272	2.89529	4.32842	4.35194	3.78052	3.26434	4.05371	4.38186	1.43316	3.65198	1.73710	2.66771	4.02470	3.40820	3.87824	3.84301	3.35960	3.13001	2.13682	5.00194	3.83920	294	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
273	2.64729	5.05981	2.62691	2.20786	4.36921	3.40138	3.60624	3.82679	1.88939	2.97950	4.11455	2.75726	3.80836	2.54325	2.81860	2.62447	2.54624	3.43189	5.50915	4.12543	295	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
274	2.47092	4.43750	3.34708	2.81916	3.70412	3.44195	3.83845	3.07980	2.74484	2.52455	3.65775	3.23135	1.87686	3.10169	3.11381	2.56006	2.74732	2.81290	4.63505	3.84220	296	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
275	2.77920	4.28229	4.05608	3.48113	3.25305	3.86658	4.13489	1.82600	2.88957	1.53154	3.21738	3.76369	4.21479	3.60606	3.52137	3.15791	3.00968	2.28967	4.87633	3.44002	297	l	-	-	-
	2.68618	4.42241	2.77532	2.73091	3.46341	2.40513	3.72511	3.29362	2.67757	2.69371	4.24706	3.03063	2.73725	3.18163	2.89817	2.77444	2.98512	4.58493	3.61520						
	0.24478	1.56264	4.88723	1.35746	0.29748	0.48576	0.95510																		
276	2.56297	5.13083	2.65480	1.95412	4.44058	2.82257	3.63991	3.90801	2.35906	3.42277	4.19625	2.73933	2.64911	2.48380	2.92041	2.65589	2.93112	3.50542	5.58707	4.18434	304	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
277	2.59463	4.22730	3.62960	2.95346	3.34864	3.61285	3.87993	2.59749	2.84012	2.33504	2.62556	3.41676	2.99773	3.27551	3.29623	2.87072	2.82643	2.08885	4.82143	3.17248	305	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
278	2.59699	5.04532	2.68977	1.93716	4.41731	2.75460	3.69442	3.87582	2.51253	3.41608	4.20554	2.57557	2.48278	2.82845	3.00556	2.44272	2.95008	3.47699	5.60030	4.21013	306	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
279	2.24010	4.97640	2.89602	2.21512	4.26488	3.41284	3.20484	3.70629	2.15831	3.25585	4.04140	2.91185	2.79306	2.67282	2.83386	2.53419	2.87048	3.27396	5.44663	4.08170	307	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
280	2.27880	4.88127	2.93033	2.23406	4.16685	3.02287	3.47124	3.59742	2.39724	3.17561	3.97408	2.93594	3.19346	2.77683	2.84659	2.40824	2.40796	3.24689	5.39390	4.04181	308	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
281	2.59337	4.32826	3.45112	2.88482	3.04928	3.56497	3.81946	2.71433	2.83432	2.25619	3.43137	3.29530	3.66126	2.86089	3.10163	2.66956	2.13281	2.53541	4.91014	3.67303	309	t	-	-	-
	2.68618	4.42225	2.77519	2.																					

331	2.56062	5.04896	2.65796	2.06001	4.35346	2.86952	3.60444	3.81375	2.24430	3.33862	4.11009	2.63967	3.79285	2.64884	2.86643	2.54304	2.45086	3.34317	5.51009	4.11868	359	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.54742	0.86379																		
332	2.66968	5.04890	2.10088	2.31132	4.35237	3.36186	3.64122	3.80417	2.44260	3.34804	4.13564	2.28995	3.81076	2.50728	2.93405	2.64813	2.67426	2.97428	5.53404	4.14414	360	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.54742	0.86379																		
333	2.66859	5.13788	2.45802	2.10313	4.45625	3.20188	3.61016	3.93039	2.08538	3.42991	4.19385	2.55728	3.79797	2.48632	2.87343	2.62835	2.45764	3.51568	5.58068	4.17304	361	k	-	-	-
	2.68615	4.42230	2.77524	2.73128	3.46359	2.40518	3.72499	3.29359	2.67746	2.69360	4.24695	2.90325	2.73737	3.18151	2.89806	2.37892	2.77524	2.98523	4.58237	3.61508					
	0.18832	1.80975	4.83384	0.66562	0.72146	0.54742	0.86379																		
334	2.43294	4.64510	3.04592	2.44612	4.03297	3.34532	3.72900	3.43934	2.56087	3.06760	3.89310	2.89807	2.69595	2.90332	3.00251	2.22091	2.26281	2.94394	5.32730	4.01670	364	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.54742	0.86379																		
335	2.67184	5.10290	2.20986	2.19134	4.41332	2.54719	3.62869	3.87987	2.29982	3.39988	4.17511	2.59260	3.80313	2.75019	2.92570	2.48015	2.78322	3.29419	5.56911	4.16597	365	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.44905	1.01676																		
336	2.78257	4.36350	3.82816	3.30680	1.98467	3.75420	3.78966	2.86603	3.23329	2.53547	3.49553	3.57704	3.46956	3.48250	3.50111	2.53573	3.02434	2.66511	4.37097	1.91300	366	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
337	2.66453	4.56919	3.40174	3.24140	4.60581	2.40736	4.42860	4.12193	3.40658	3.76559	4.64762	3.51668	0.83785	3.72363	3.70871	2.82122	3.13902	3.59824	5.80480	4.68224	367	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
338	2.95717	5.54735	1.52290	1.52211	4.84057	3.31907	3.78808	4.35462	2.37701	3.83149	4.64958	2.77073	3.90072	2.93669	3.29238	2.85019	3.22833	3.91783	5.97928	4.48837	368	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.17761	4.16489	1.91599	0.61958	0.77255	0.48576	0.95510																		
339	2.70767	4.93219	1.78204	2.34256	3.96986	3.33864	3.68422	3.63542	2.59397	3.22916	4.07721	2.87760	3.83643	2.88091	3.07840	2.43562	2.96906	3.30221	5.31886	2.74808	369	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02719	4.01447	4.73681	0.61958	0.77255	0.64348	0.74541																		
340	2.63108	4.49795	2.84175	2.71688	3.60808	3.52135	3.76197	2.79141	2.63867	1.83883	3.55029	3.17288	3.91758	3.01239	2.71746	2.78112	2.86641	2.70779	5.04390	3.76977	370	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02719	4.01447	4.73681	0.61958	0.77255	0.39844	1.11282																		
341	3.23958	4.57657	4.85251	4.30356	3.28696	4.50963	4.89316	2.06166	4.15832	1.09903	2.91127	4.54206	4.75391	4.33421	4.30726	3.86277	3.47819	1.49218	5.29843	4.18324	371	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																		
342	1.71415	4.78043	2.90976	2.52036	4.25719	3.33004	3.77458	3.67921	2.34412	3.27844	4.09612	2.28076	3.84535	2.93736	3.00433	2.38971	2.91610	3.30199	5.50012	4.17220	372	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.07803	4.16489	2.82128	0.61958	0.77255	0.48576	0.95510																		
343	2.90163	5.46990	1.79737	1.69304	4.77375	2.27398	3.75585	4.28616	2.70892	3.77104	4.58390	2.39025	3.86602	2.90620	3.28320	2.80350	3.17455	3.85054	5.92726	4.43994	373	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.54742	0.86379																		
344	2.69659	5.15931	2.46673	1.94188	4.47674	2.53458	3.62670	3.94893	2.33220	3.45031	4.22181	2.64460	3.81063	2.74491	2.41044	2.65366	2.93588	3.53796	5.60274	4.19605	374	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.54742	0.86379																		
345	2.47484	4.78137	2.72036	2.19450	4.36368	1.61395	3.84607	3.79093	2.72435	3.39681	4.22636	2.97118	3.04793	3.02496	3.17679	2.67619	2.96402	3.38532	5.62067	4.28118	375	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02464	4.11150	4.83384	0.61958	0.77255	0.44905	1.01676																		
346	3.39551	4.69922	5.03687	4.46688	3.15638	4.68758	5.00134	1.96706	4.33602	0.85379	2.51339	4.71972	4.84444	4.41042	4.43644	4.03782	3.61408	2.15321	5.26723	4.23298	376	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.06167	4.16489	3.11731	0.61958	0.77255	0.48576	0.95510																		
347	2.63348	4.90161	2.94701	2.30787	4.17766	3.42268	3.62342	3.37462	2.09544	3.17509	3.97640	2.93893	3.82293	2.53279	2.80877	2.17330	2.43787	3.25660	5.38509	4.04138	377	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.07522	4.12746	2.87641	0.61958	0.77255	0.52972	0.88860																		
348	3.14518	4.45420	4.83341	4.30724	3.49441	4.50104	4.97819	1.64254	4.19181	1.72710	3.30260	4.53990	4.77356	4.42583	4.37897	3.86668	3.39598	1.09004	5.46112	4.28151	378	v	-	-	-
	2.68618	4.42225	2.77519																						

398	2.77658	4.77953	3.01377	2.83061	4.53001	0.99389	4.10136	3.99878	2.38685	3.61723	4.49608	3.25002	3.97622	3.32497	3.21076	2.86797	3.16603	3.56846	5.72096	4.48781	429	g	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
399	2.56527	4.99296	2.92373	2.40176	4.32064	3.13417	3.62604	3.76155	2.01496	3.29835	4.08245	2.28053	3.82726	2.74889	2.54083	2.57592	2.51486	3.38343	5.47367	4.11604	430	k	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
400	3.36714	5.16534	3.89059	3.35258	4.59608	3.78529	4.08066	4.16726	2.41459	3.63009	4.63119	3.68530	4.28143	3.29398	0.61106	3.44264	3.61809	3.88059	5.56480	4.46945	431	R	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
401	2.71354	4.70248	3.18462	2.66455	2.89627	3.55288	3.67725	3.29418	2.62187	2.90793	3.79516	2.77266	3.94662	1.89334	3.02973	2.79506	2.94527	3.02705	4.84813	2.70469	432	q	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
402	2.37260	4.21657	4.13385	3.31046	3.32523	3.87997	4.20452	1.62336	3.45472	2.13282	2.60919	3.82092	4.23423	3.70290	3.67580	3.17204	2.98306	1.98871	4.92425	3.73206	433	i	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
403	2.36649	4.15375	3.85747	3.28633	3.28713	3.66471	3.98252	2.23976	3.19615	2.34974	3.27961	3.57368	4.04913	3.45634	3.44843	2.65293	2.67197	1.82721	4.79075	2.94955	434	v	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
404	2.20659	4.79341	2.99312	2.06242	4.04292	3.43202	3.65754	3.45294	2.45869	3.06362	3.22274	2.97772	3.83466	2.62350	2.91333	2.45532	2.62269	3.13294	5.31319	3.98360	435	e	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
405	3.11766	4.43704	4.86305	4.36257	3.68284	4.46205	5.06230	1.06812	4.25285	2.22276	3.48513	4.56161	4.79115	4.51824	4.44650	3.84538	3.10662	1.34646	5.60394	4.40391	436	i	-	-	-	
	2.68584	4.42227	2.77522	2.73126	3.46356	2.40515	3.72497	3.29356	2.67743	2.69357	4.24692	2.90349	2.73742	3.18149	2.89803	2.37889	2.77522	2.98521	4.58479	3.61505						
	0.17761	1.86314	4.88723	0.28412	1.39707	0.48576	0.95510																			
406	2.81943	5.16940	1.38350	2.30147	4.72783	2.12943	3.87622	4.22821	2.85793	3.76540	4.59088	2.85146	3.88271	3.04413	3.41076	2.39303	3.15196	3.76572	5.93577	4.49275	438	d	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
407	1.72311	4.66258	2.98879	2.62701	4.26818	2.24006	3.86460	3.68635	2.68695	3.30416	4.13158	3.07640	3.84297	2.22496	3.09979	2.64745	2.90742	3.28726	5.53511	4.22677	439	a	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
408	2.38473	4.31932	3.64540	3.10847	2.94836	3.60162	3.98369	2.32819	3.04900	2.43377	3.43133	3.46391	2.00782	3.34823	3.37244	2.89444	2.90143	2.47621	4.96803	3.72078	440	p	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
409	3.17097	4.52311	4.78279	4.28345	3.45331	4.42313	4.92731	1.94913	4.12989	1.47753	3.29641	4.50129	4.74454	4.38174	4.30640	3.80913	3.43621	1.10531	5.41299	4.21765	441	v	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
410	3.21519	4.52199	4.95395	4.48240	3.61695	4.55899	5.18177	0.91562	4.35212	2.08201	3.42136	4.68265	4.87603	4.61649	4.53265	3.97083	3.48890	1.53802	5.63704	4.43195	442	i	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
411	3.18863	4.88603	3.82888	3.71728	4.67093	3.55752	4.76170	4.30328	3.80198	3.89323	4.96207	3.98991	0.42795	4.18131	4.00541	3.36743	3.65485	3.91304	5.76614	4.79867	443	P	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
412	2.64450	4.86403	3.01421	2.39446	4.14453	3.44444	3.64649	3.58820	1.91225	3.14451	3.95518	2.98057	3.84470	2.79019	2.69571	2.20476	2.54197	2.87870	5.36474	4.03639	444	k	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
413	3.65633	4.97487	4.64261	4.42152	0.63212	4.25844	4.04309	3.15482	4.32396	2.46101	3.84666	4.36241	4.71705	4.41299	4.37075	3.90466	3.96096	3.16555	4.22202	2.55920	445	F	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
414	2.59866	4.47107	3.26822	2.42388	3.63518	2.97544	3.75239	2.52765	2.67636	2.60644	3.10412	2.85305	3.90325	2.86354	3.07839	2.74826	2.83042	2.45596	5.03241	3.76881	446	e	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.02334	4.16489	4.88723	0.61958	0.77255	0.48576	0.95510																			
415	1.53830	4.13433	3.18399	2.90743	4.14210	2.19765	4.03609	3.51700	2.99740																	

CKSUM 1819627275

STATS LOCAL MSV -11.0699 0.70271

STATS LOCAL VITERBI -11.7000 0.70271

STATS LOCAL FORWARD -5.5153 0.70271

HMM

	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
	m->m	m->i	m->d	i->m	i->i	d->m	d->d													
COMPO	2.53527	4.42005	3.21194	2.80239	2.91962	2.99124	3.63706	2.66894	2.93420	2.34697	3.43547	3.27359	3.42625	3.25323	3.08554	2.79326	2.80424	2.52518	3.71308	3.08016
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.00000	*													
1	3.10282	4.62768	4.22590	3.83428	3.28796	3.95614	4.53220	2.48008	3.59269	1.86074	1.09964	4.09103	4.42003	3.96536	3.77853	3.46749	3.41256	2.50432	5.14866	3.92331
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
2	1.16312	4.22670	3.33571	3.06090	4.24759	2.99995	4.16937	3.63393	3.13312	3.35086	4.19138	3.02976	3.72798	3.43715	3.45697	2.03203	2.75133	3.13824	5.59990	4.36531
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
3	2.18129	4.74642	2.95690	2.40235	4.02303	3.38734	3.64218	3.43191	2.43934	2.94064	3.86615	2.67725	3.80607	2.44578	2.88373	2.51906	2.53701	3.04506	5.29321	3.96852
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
4	2.40526	4.52790	3.13553	2.40671	3.74567	3.44496	3.72897	2.95752	2.59871	2.78372	3.65991	3.09577	3.86428	2.95271	3.00254	2.70564	1.95330	2.80874	5.11920	3.54074
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
5	2.59111	4.54133	3.30717	2.84761	4.05213	3.33394	3.86326	3.38181	2.52914	3.06206	3.96705	3.22045	3.88236	3.07774	2.28777	2.71991	1.49505	3.06283	5.34719	4.09831
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
6	2.50899	4.77052	2.84292	1.97848	4.01204	3.40131	3.62556	3.10398	2.43218	3.03136	3.85211	2.93977	3.80405	2.65364	2.89069	2.59388	2.58737	2.84607	5.28473	3.95285
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.09795	4.03368	2.58240	0.61958	0.77255	0.48576	0.95510													
7	2.29650	4.80172	2.88376	2.32122	4.06556	3.37854	3.23149	3.48159	2.27641	3.07764	3.89562	2.91647	3.79501	2.67719	2.82511	2.30454	2.57998	3.15407	5.31170	3.98024
	2.68574	4.42236	2.77518	2.73127	3.46365	2.40513	3.72506	3.29365	2.67752	2.69366	4.24630	2.90358	2.73739	3.18158	2.89806	2.37888	2.77506	2.98514	4.58488	3.61514
	0.29435	1.40338	4.68668	1.07800	4.01593	0.44468	1.02451													
8	2.02422	4.20322	3.70960	3.20053	3.59484	2.98068	4.07016	2.48607	3.13519	2.59002	3.53888	3.47547	3.94783	3.43146	3.43929	2.76233	2.62846	1.68904	5.09056	3.87375
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
9	2.43024	4.71966	3.00442	2.47961	4.07347	2.80476	3.65926	3.48645	2.09317	3.09045	3.90649	2.97419	3.79791	2.81583	2.76845	2.28895	2.55417	3.02337	5.32683	4.00693
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
10	2.00859	4.32235	3.39925	2.83796	3.49224	3.34996	3.79346	2.56328	2.77344	2.40273	3.44499	3.25074	3.90925	2.99741	2.98040	2.76560	2.66997	2.44470	4.92776	3.68799
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
11	2.13353	4.66834	2.64300	2.42570	3.91262	3.40574	3.65921	3.15273	2.49429	2.78831	3.78018	2.98812	3.81624	2.83555	2.94280	2.33829	2.81445	2.83952	5.22457	3.91152
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
12	1.97115	4.45870	3.18327	2.44430	3.72808	3.25915	3.76157	2.62687	2.66456	2.77557	3.64604	3.12438	3.85281	2.99907	3.06669	2.60077	2.52757	2.78567	5.11040	3.84173
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
13	2.24701	4.90195	2.83467	1.97605	4.19402	3.20071	3.61138	3.54101	2.38928	3.19619	3.99358	2.88801	3.30337	2.59582	2.78881	2.52287	2.84874	3.27087	5.40419	4.04591
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
14	2.48967	4.87077	2.74862	1.98688	4.13205	3.38281	3.60385	3.55951	2.35147	2.97488	3.94151	2.76922	3.78967	2.66518	2.86197	2.57292	2.71091	2.82760	5.36083	4.00718
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
15	2.21101	4.84015	2.79123	2.20995	4.10310	3.38911	3.60387	3.52705	2.33419	3.11272	3.91628	2.91079	3.39360	2.74445	2.61563	2.60702	2.74519	2.87185	5.33760	3.99104
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503
	0.02666	4.03368	4.75603	0.61958	0.77255	0.48576	0.95510													
16	2.50877	4.77658	2.90623	2.46577	4.15327	3.34987	3.68100	3.56734	2.21883	3.16281	3.98463	2.96345	2.27966	2.70310	2.85219	2.36300	2.77709	3.21887	5.38856	4.06817
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741											

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02633	4.04612	4.76847	0.61958	0.77255	0.48576	0.95510																		
250	2.25059	3.38158	3.90517	3.32755	3.22376	3.66744	3.97751	2.29986	3.22971	2.17976	2.85218	3.59444	4.04141	3.32308	3.46187	2.94897	2.60422	2.01408	4.74130	3.54198	272	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.14186	4.04612	2.16484	0.61958	0.77255	0.48576	0.95510																		
251	2.23664	4.71025	2.89415	2.16067	4.00559	3.19971	3.63458	3.41495	2.44965	2.93789	3.85538	2.92816	3.51902	2.71691	2.89830	2.34351	2.81060	2.99164	5.28315	3.95811	273	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.05336	3.93376	3.42977	0.61958	0.77255	0.59502	0.80196																		
252	2.17968	4.69318	2.61300	2.34940	3.97571	3.09329	3.64094	3.37960	2.48319	2.67285	3.83763	2.91966	3.40143	2.81293	2.93994	2.53858	2.81231	3.06125	5.26994	3.94520	274	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.05010	3.91061	3.54611	0.61958	0.77255	0.61475	0.77822																		
253	2.13927	4.27925	3.55351	2.89628	3.48024	3.57423	3.94104	2.40456	2.93432	2.10260	3.40440	3.39492	3.99141	3.26597	3.26648	2.86288	2.76895	2.04365	5.00138	3.77144	275	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03080	3.89131	4.61366	0.61958	0.77255	0.63056	0.75992																		
254	2.58488	4.87102	2.58654	1.99953	4.13582	3.34540	3.57533	3.56487	2.31411	3.14050	3.94265	2.85355	3.76162	2.71356	2.72111	2.58994	2.61691	3.03706	5.35492	3.75271	276	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.10829	3.89131	2.49848	0.61958	0.77255	0.63056	0.75992																		
255	2.34772	4.64633	2.80239	2.28830	3.87510	3.18314	3.60764	3.27473	2.44532	2.90950	3.74652	2.92088	3.43763	2.70512	2.89208	2.60433	2.78366	2.73162	5.18381	3.65250	277	e	-	-	-
	2.68572	4.42196	2.77531	2.73061	3.46392	2.40531	3.72492	3.29369	2.67759	2.69361	4.24556	2.90343	2.73707	3.18164	2.89828	2.37919	2.77526	2.98510	4.58485	3.61523					
	0.38147	1.14840	*	2.06445	0.13569	0.00000	*																		

//
HMMER3/f [3.1b2 | February 2015]

NAME mmoX_loose
LENG 519
ALPH amino
RF no
MM no
CONS yes
CS no
MAP yes
DATE Wed Mar 28 11:40:54 2018
NSEQ 205
EFFN 1.654739
CKSUM 4003712988
STATS LOCAL MSV -11.7524 0.69784
STATS LOCAL VITERBI -12.7209 0.69784
STATS LOCAL FORWARD -6.3533 0.69784

HMM	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y					
COMPO	m->m	m->i	m->d	i->m	i->i	d->m	d->d																		
	2.50695	4.35371	2.87717	2.57714	3.23079	2.98877	3.53991	2.96335	2.70128	2.59040	3.55212	3.07618	3.34217	3.02962	2.90626	2.73479	2.82016	2.74569	3.95917	3.22557					
	2.68522	4.42293	2.77522	2.73181	3.46405	2.40556	3.72563	3.29361	2.67717	2.69307	4.24136	2.90367	2.73762	3.18179	2.89831	2.37905	2.77441	2.98559	4.58545	3.61571					
	0.81050	1.09933	1.50385	2.01078	0.14374	0.00000	*																		
1	2.69544	4.18642	4.06093	3.48319	3.29303	3.80171	4.11029	1.98021	3.37763	2.09669	2.36829	2.94376	4.16498	3.62154	3.59718	3.08682	2.76717	1.96609	4.84210	3.64674	22	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02141	4.25055	4.97289	0.61958	0.77255	0.79986	0.59673																		
2	2.32183	4.70708	3.11648	2.56123	3.94795	3.47076	3.70832	3.32181	2.52876	2.69327	3.81631	3.05784	3.67283	2.75418	2.64405	2.15697	2.35091	3.02838	5.25681	3.95066	23	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.05415	4.25055	3.25839	0.61958	0.77255	0.79986	0.59673																		
3	2.21148	4.96579	3.08916	2.53643	4.31251	3.49094	3.67149	3.72545	2.09955	3.27518	4.08447	3.03426	3.89809	2.75839	1.91744	2.27048	2.96073	3.37356	5.45274	4.14328	24	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02211	4.21851	4.94086	0.61958	0.77255	0.71011	0.67647																		
4	2.68108	5.04788	2.95057	2.32959	4.35397	3.45327	3.63951	3.79900	2.10645	3.32957	3.72462	2.94532	2.94885	1.95455	2.80226	2.45199	2.91005	3.41925	5.50091	4.13612	25	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.19790	4.27750	1.79773	0.61958	0.77255	0.53561	0.88023																		
5	2.57264	4.76035	2.77236	2.51149	3.98306	3.47183	3.67733	3.18397	2.12255	3.00940	2.90080	3.02109	3.86049	2.84271	2.51944	2.68075	2.72000	2.75189	5.27481	3.95674	26	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02168	4.23814	4.96049	0.61958	0.77255	0.69200	0.69430																		
6	2.41079	4.41677	3.41107	2.84661	3.56802	2.54999	3.82791	2.93482	2.68377	2.31604	3.24520	3.17091	3.96350	3.12200	3.18301	2.61049	2.45989	2.69938	3.74144	3.74588	27	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02045	4.29592	5.01827	0.61958	0.77255	0.75362	0.63613																		
7	2.36975	4.37605	3.46586	2.89934	3.51755	2.90833	3.64906	2.33986	2.74244	2.58966	3.44196	3.31609	3.57590	3.16313	2.92611	2.83868	2.79200	2.29074	4.95450	3.18611	28	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.02045	4.29592	5.01827	0.61958	0.77255	0.49286	0.94385																		
8	2.67952	5.02701	2.72161	2.35316	3.91952	3.09534	3.67483	3.75562	2.34369	2.80562	4.08660	2.72846	3.51428	2.79693	2.92289	1.86524	2.84511	3.38479	5.50001	4.12915	29	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01805	4.41940	5.14174	0.61958	0.77255	0.53509	0.88097																		
9	2.33129	4.23055	3.96949	3.39072	3.34129	3.77094	4.06197	2.30374	2.73159	1.73376	3.09806	3.67329	3.60953	3.54933	3.53728	3.04611	2.91332	2.06144	4.84773	3.64677	30	l	-	-	-

287	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	287	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
288	2.41907	4.26330	3.62691	3.09372	3.11653	3.60922	3.85727	2.56557	2.97261	2.21088	2.51234	3.43506	4.00442	3.29799	3.26236	2.90196	2.87706	2.41237	4.69620	2.54988	288	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
289	2.53550	4.38902	4.00901	3.48158	3.21880	3.88718	4.27348	2.20437	3.31416	1.35813	2.77965	3.80497	4.26068	3.63970	3.56903	3.21863	3.10410	2.15734	5.03843	3.84802	289	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
290	3.16565	4.57542	4.32949	3.89837	1.46633	4.12523	3.93908	2.44916	3.75317	1.64553	3.17551	4.02445	4.46331	3.92659	3.90981	3.51146	3.41891	2.47589	4.21808	2.62273	290	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
291	2.91965	5.02079	2.47306	1.08285	4.36227	3.24954	3.83381	3.80837	2.70946	3.43216	4.40865	2.91254	3.85246	3.05076	3.11366	2.90651	3.22382	3.49656	5.54134	4.26436	291	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
292	3.19134	4.69630	3.78054	3.50310	2.29611	3.78460	3.60201	3.20618	3.36176	2.67014	3.88549	3.67575	4.25966	3.67727	3.55331	3.33175	3.47801	3.07495	3.93816	1.03399	292	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
293	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	293	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
294	2.29672	4.21624	3.17324	2.98785	4.03735	2.94690	4.09847	3.55494	3.05893	3.27847	4.20833	3.21852	3.68259	3.41149	3.34573	1.15212	2.77402	3.09870	5.41316	4.12083	294	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
295	2.74000	4.82297	3.05712	2.55017	3.76954	3.47136	3.16627	3.48219	1.66964	3.04635	3.91799	3.01766	3.87278	2.77624	2.49024	2.77669	2.95467	3.18995	5.06852	3.15018	295	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
296	3.27048	4.64138	4.25823	3.87451	1.24758	4.10742	3.51349	2.92823	3.74392	2.30076	3.56638	3.86566	4.44830	3.85385	3.87583	3.47123	3.50746	2.87164	3.72551	1.81967	296	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
297	2.93703	4.89791	3.11032	2.74002	4.27531	3.43004	3.73906	3.70226	1.09362	3.27630	4.24050	3.16601	3.93369	2.93324	2.42654	2.98198	3.19357	3.41249	5.34669	4.15401	297	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
298	2.77113	4.33135	4.07016	3.73272	3.52199	3.68239	4.54148	2.05456	3.59987	2.21635	3.49380	3.92869	4.24556	3.96282	3.81605	3.18396	3.13994	1.07623	5.29954	4.02841	298	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
299	2.84347	5.27224	1.96615	1.36141	4.56663	3.17767	3.70122	4.04262	2.66829	3.60143	4.46940	2.67385	3.78186	2.87491	3.20659	2.76041	3.12981	3.65752	5.76303	4.31947	299	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
300	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	300	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
301	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	301	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
302	2.28632	4.22189	3.91607	3.53692	3.63679	3.49676	4.41425	2.12052	3.43851	2.35800	3.53720	3.72686	4.09222	3.77802	3.68977	2.92844	2.95647	1.29149	5.34662	4.10917	302	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
303	2.93703	4.89791	3.11032	2.74002	4.27531	3.43004	3.73906	3.70226	1.09362	3.27630	4.24050	3.16601	3.93369	2.93324	2.42654	2.98198	3.19357	3.41249	5.34669	4.15401	303	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
304	2.51552	4.29020	3.53305	3.07325	3.57552	3.37263	4.01833	2.60319	2.92729	2.41160	2.95564	3.38734	3.91820	3.31845	3.22825	2.74787	1.76434	2.41491	5.14310	3.89603	304	t	-	-	-
	2.68618	4.42225	2.77519																						

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
310	3.19134	4.69630	3.78054	3.50310	2.29611	3.78460	3.60201	3.20618	3.36176	2.67014	3.88549	3.67575	4.25966	3.67727	3.55331	3.33175	3.47801	3.07495	3.93816	1.03399	310	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
311	2.91965	5.02079	2.47306	1.08285	4.36227	3.24954	3.83381	3.80837	2.70946	3.43216	4.40865	2.91254	3.85246	3.05076	3.11366	2.90651	3.22382	3.49656	5.54134	4.26436	311	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
312	2.94831	5.06869	0.97632	2.31258	4.44069	3.18175	3.89799	4.02012	2.97493	3.63580	4.61368	2.86669	3.83184	3.13755	3.48525	2.91560	3.28628	3.66374	5.61691	4.32095	312	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
313	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	313	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
314	1.93948	4.16463	3.14032	2.96492	4.23010	1.42234	4.13207	3.58946	3.11373	3.33790	4.22032	3.18743	3.64246	3.41632	3.41889	2.40132	2.71746	3.09294	5.55959	4.34719	314	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
315	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	315	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
316	3.00047	4.43103	4.27833	3.89317	3.73483	4.02286	4.62907	1.12816	3.72049	1.94320	3.29060	4.14408	4.45846	4.07325	3.92162	3.51489	3.30059	1.84674	5.23051	3.96495	316	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
317	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	317	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
318	3.05842	4.44288	4.46438	3.97453	3.24535	4.25288	4.66494	1.28899	3.78539	1.63545	3.13223	4.24752	4.57064	4.09300	3.99079	3.63824	3.31861	1.80341	5.20134	3.95958	318	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
319	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	319	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
320	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	320	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
321	3.1165	4.58599	4.12585	3.76620	3.12182	3.93147	4.43434	2.32453	3.53431	0.92536	3.15834	4.04543	4.37407	3.91210	3.71656	3.49871	3.40796	2.35149	4.98612	3.70011	321	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
322	2.25704	4.48151	2.78750	2.55041	4.14958	1.86259	3.82152	3.56794	2.66598	3.21083	4.07394	2.97389	3.72216	2.61482	3.03969	2.54577	2.82382	3.16596	5.44599	4.14831	322	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
323	2.88235	5.02060	2.97356	2.55662	4.36475	3.46181	3.59540	3.77900	1.38955	3.28143	4.16890	3.01438	3.90585	2.44411	2.27202	2.88239	3.09541	3.46410	5.39135	4.14329	323	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
324	3.28721	4.68247	4.16936	3.78810	1.78716	4.07978	3.44718	3.07007	3.66031	2.47715	3.70821	3.79946	4.43049	3.79350	3.81617	3.44017	3.52462	2.97669	3.66742	1.19862	324	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
325	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	325	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
326	2.77713	4.33135	4.07016	3.73272	3.52199	3.68239	4.54148	2.05456	3.59987	2.21635	3.49380	3.92869	4.24556	3.96282	3.81605	3.18396	3.13994	1.07623	5.29954	4.02841	326	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03																								

354	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	354	w	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
355	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	355	p	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
356	2.65480	4.33513	3.68798	3.24104	3.41586	3.55668	4.12379	2.39932	3.07121	1.62563	3.36556	3.55080	4.05804	3.46355	3.34428	2.93861	2.20887	2.26966	5.09106	3.83875	356	l	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
357	2.28328	4.27527	3.18195	2.87341	3.86089	1.73562	3.95979	3.15559	2.86610	2.51535	3.88225	3.18628	3.74812	3.23813	3.18726	2.54166	2.77716	2.83074	5.28237	3.99851	357	g	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
358	2.69380	4.34082	3.64321	3.28805	1.51099	2.77082	3.84967	2.85647	3.25731	2.48690	3.58344	3.52340	4.01248	3.53320	3.50568	2.92699	3.02386	2.67377	4.44058	2.90809	358	f	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
359	2.16602	4.18429	3.71446	3.18864	2.47097	3.55749	3.95321	2.25221	3.10965	2.25848	3.29478	3.49088	3.99463	3.39495	3.39305	2.75791	2.84053	2.25703	4.79274	3.50133	359	a	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
360	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	360	r	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
361	3.00006	4.46650	4.29746	3.81230	3.16547	4.08204	4.52332	2.05483	3.62287	1.20124	3.06130	4.09095	4.44689	3.93010	3.83674	3.46561	3.27505	1.80060	5.10709	3.87892	361	l	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
362	1.80759	4.39298	2.96281	2.63437	4.02842	3.11015	3.81803	3.41831	2.66506	3.08613	3.94492	3.03027	3.71679	2.64892	3.03416	2.08608	2.76443	3.03810	5.35138	4.07005	362	a	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
363	3.11165	4.58599	4.12585	3.76620	3.12182	3.93147	4.43434	2.32453	3.53431	0.92536	3.15834	4.04543	4.37407	3.91210	3.71656	3.49871	3.40796	2.35149	4.98612	3.70011	363	l	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
364	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	364	p	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
365	2.70762	4.95365	1.42076	2.21732	4.38792	3.14514	3.76345	3.76540	2.74445	3.44264	4.34351	2.75966	3.76811	2.95373	3.25987	2.69599	2.67012	3.39914	5.66817	4.25531	365	d	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
366	2.79577	5.11012	4.44899	1.72521	4.39099	3.28196	3.63971	3.84872	2.37766	3.38213	4.24755	2.78957	3.81006	2.09224	2.77351	2.75408	3.04966	3.49894	5.55208	4.18440	366	e	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
367	2.76950	5.04431	2.60125	1.64309	4.34600	3.33075	3.60971	3.78158	2.26768	3.31533	4.16487	2.84183	3.81883	2.64692	2.38177	2.74509	3.00881	3.43699	5.47865	4.14370	367	e	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
368	2.86121	5.36258	1.57988	1.60203	4.64866	3.15977	3.69779	4.14405	2.69960	3.67784	4.53999	2.63722	3.77520	2.86856	3.27302	2.75932	3.14934	3.74024	5.83863	4.36189	368	d	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
369	2.44350	4.48299	3.21728	2.72067	3.61204	3.45729	3.75260	2.91499	2.55440	2.51657	2.58957	3.15796	3.88661	2.37954	2.89186	2.75706	2.86267	2.71891	5.06420	3.80328	369	q	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
370	2.24702	4.84383	2.49814	1.57429	4.26381	3.21197	3.73396	3.56488	2.58466	3.25930	4.15888	2.84087	3.78740	2.91826	3.01516	2.69416	2.98193	3.23441	5.53341	4.18084	370	e	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
371	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	371	w	--
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503			
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																
372	3.26097	4.63851	4.24683	3.86459	1.23640	4.09979																	

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
377	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	377	p	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
378	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	378	g	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
379	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	379	w	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
380	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.11522	4.48846	2.75592	2.58657	3.53060	3.35666	3.70326	3.07416	2.66047	2.77292	3.67391	3.04620	3.82836	2.98284	3.06250	2.68565	2.83509	2.81119	4.97064	2.57861	380	a	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
381	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.49537	5.08792	1.54903	2.13297	4.48812	3.14538	3.70699	3.95931	2.68218	3.54101	4.39049	2.39043	3.75481	2.88128	3.22377	2.68401	3.03980	3.55432	5.72512	4.27923	381	d	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
382	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.72423	4.60671	3.22255	2.76472	3.22419	3.49503	1.97884	3.13627	2.51807	2.69789	3.18721	3.17983	3.93610	3.01485	2.82299	2.83640	2.97834	2.92375	4.73332	3.24750	382	h	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
383	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.19134	4.69630	3.78054	3.50310	2.29611	3.78460	3.60201	3.20618	3.36176	2.67014	3.88549	3.67575	4.25966	3.67727	3.55331	3.33175	3.47801	3.07495	3.93816	1.03399	383	y	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
384	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	384	g	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
385	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.93703	4.89791	3.11032	2.74002	4.27531	3.43004	3.73906	3.70226	1.09362	3.27630	4.24050	3.16601	3.93369	2.93324	2.42654	2.98198	3.19357	3.41249	5.34669	4.15401	385	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
386	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.97949	4.38276	4.45250	3.98020	3.37767	4.16698	4.72443	1.24023	3.82807	1.90116	3.23394	4.22901	4.53963	4.13383	4.04498	3.56175	3.26179	1.60514	5.31847	4.08962	386	i	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
387	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.18010	4.58262	4.20504	3.76132	1.78512	4.06897	3.51656	2.89037	3.62835	2.12506	3.53185	3.80653	4.39604	3.76548	3.79119	3.39387	3.40727	2.80916	3.76138	1.45177	387	y	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
388	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.71980	5.14244	2.22837	1.87334	4.43626	3.24234	3.61302	3.90473	2.45161	3.43135	4.24418	2.17283	3.76171	2.75825	2.71186	2.66515	2.97466	3.51673	5.60429	4.19082	388	e	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
389	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.91965	5.02079	2.47306	1.08285	4.36227	3.24954	3.83381	3.80837	2.70946	3.43216	4.40865	2.91254	3.85246	3.05076	3.11366	2.90651	3.22382	3.49656	5.54134	4.26436	389	e	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
390	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	390	w	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
391	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.93522	5.02259	3.31030	2.70388	4.43168	3.55945	3.56470	3.79667	1.48197	3.27945	4.15766	3.11521	3.94870	2.70946	1.67420	2.94553	3.11915	3.48702	5.35491	4.16723	391	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
392	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.02943	4.63509	2.97078	2.52791	4.06187	3.29826	3.66149	3.44364	2.00195	3.06630	3.91206	2.98592	3.78571	2.83872	2.59174	2.40875	2.84414	3.10907	5.29786	4.01648	392	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
393	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.78009	4.52604	3.54808	3.00938	3.43860	3.61299	3.84223	2.78179	2.53270	1.63204	3.46618	3.38121	4.02863	3.13146	2.26645	2.97517	3.02679	2.66027	4.97725	3.69263	393	l	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
394	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.61765	4.39623	3.28327	3.17805	4.31966																			

421	2.29672	4.21624	3.17324	2.98785	4.03735	2.94690	4.09847	3.55494	3.05893	3.27847	4.20833	3.21852	3.68259	3.41149	3.34573	1.15212	2.77402	3.09870	5.41316	4.12083	421	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
422	2.64384	4.74354	2.75258	2.47790	4.10896	3.24999	3.70328	3.62617	2.39989	3.21017	4.10270	2.94622	3.80271	1.74364	2.73267	2.39445	2.95169	3.27843	5.36875	4.02525	422	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
423	2.87606	4.34702	4.23479	3.75722	2.70830	3.95734	4.37747	2.01849	3.65226	1.93706	3.22436	3.99208	4.36390	3.91099	3.87731	3.33194	3.16084	1.32028	4.94730	3.58783	423	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
424	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	424	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
425	3.20912	4.62273	4.18444	3.89199	1.07857	3.90702	3.86137	2.73830	3.80015	2.11778	3.47472	3.97513	4.36694	3.97918	3.92960	3.48072	3.51047	2.72599	4.12320	2.49559	425	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
426	2.66464	2.33714	4.21398	3.71191	3.37060	3.69986	4.36628	1.67695	3.55289	2.15143	3.31881	3.87714	4.18912	3.84302	3.75697	3.08773	2.98157	1.89740	5.07326	3.84119	426	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
427	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	427	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
428	2.20861	4.14591	3.24917	2.95840	4.08985	2.93001	4.04641	3.42178	2.97367	3.17682	4.05054	3.18209	3.64596	3.31403	3.28714	1.56016	2.02959	2.97233	5.45737	4.21180	428	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
429	2.97882	4.50000	3.97274	3.50138	2.79602	3.93914	4.01350	2.43431	3.28800	1.24176	3.15765	3.78567	4.29688	3.62938	3.51247	3.29878	3.22396	2.42661	4.54873	2.72140	429	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
430	1.27301	3.14437	3.79065	3.41427	3.88595	2.96426	4.25270	2.92590	3.30774	2.88292	3.85140	3.43503	3.69555	3.60973	3.54460	2.41758	2.65718	2.58774	5.36355	4.16741	430	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
431	2.93703	4.89791	3.11032	2.74002	4.27531	3.43004	3.73906	3.70226	1.09362	3.27630	4.24050	3.16601	3.93369	2.93324	2.42654	2.98198	3.19357	3.41249	5.34669	4.15401	431	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
432	2.21183	3.07555	3.62008	3.30535	4.04724	1.30362	4.22022	3.39717	3.24902	3.17836	4.07699	3.38073	3.65840	3.56517	3.49596	2.41737	2.69749	2.95088	5.39501	4.23437	432	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
433	2.20547	4.43745	2.92273	2.37790	4.00996	3.15081	3.77836	3.36390	2.64467	3.05029	3.90050	2.99899	3.72533	2.98629	3.04496	2.05564	2.27831	3.00374	5.33092	4.04551	433	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
434	2.34404	4.26981	3.19907	2.78271	3.83765	2.15903	3.85560	3.20777	2.75896	2.91414	3.11414	3.12847	3.72225	3.10893	3.11603	2.10473	2.71491	2.86281	5.21734	3.95145	434	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
435	2.31572	4.31315	2.99558	2.69170	4.10425	3.02334	3.88249	3.51043	2.76533	3.18519	4.02669	2.62458	3.67618	3.10678	3.13603	1.78066	2.19387	3.07630	5.42433	4.14656	435	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
436	2.71632	4.39926	3.60326	3.19235	3.33686	3.55517	4.06965	2.57326	3.03246	1.36565	3.35448	3.52392	3.12238	3.43140	3.29962	2.97315	3.02362	2.47605	4.99865	3.72594	436	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
437	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	437	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
438	2.87606	4.34702	4.23479	3.75722	2.70830	3.95734	4.37747	2.01849	3.65226	1.93706	3.22436	3.99208	4.36390	3.91099	3.87731	3.33194	3.16084	1.32028	4.94730	3.58783	438	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354																	

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
444	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.84332	5.07663	2.81432	2.28650	4.42901	3.42343	3.57730	3.82360	1.53755	3.32596	4.17697	2.92876	3.86896	2.43561	2.35774	2.82148	3.05440	3.48742	5.44693	4.17383	444	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
445	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.74526	4.79809	3.22953	2.62514	4.06565	3.50322	3.58797	3.42254	1.62903	3.00126	3.25297	3.07033	3.88601	2.75196	2.18348	2.79858	2.95301	3.14456	5.23118	3.98563	445	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
446	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.89033	4.64423	3.40056	2.98987	2.26632	3.64223	1.82246	3.19358	2.87278	2.69386	3.76733	3.33464	4.07280	3.24265	3.17835	2.99804	3.14529	3.00453	4.16807	2.52619	446	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
447	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	1.94377	4.11077	3.29401	2.98907	4.12509	2.90321	4.06816	3.43660	3.01554	3.19486	4.05172	3.19019	3.62688	3.33399	3.33284	1.53770	2.28571	2.96863	5.48521	4.26000	447	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
448	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	3.14980	4.55087	4.39430	3.91858	1.78697	4.18711	4.10769	2.33204	3.77728	1.35123	3.03811	4.09533	4.48616	3.94670	3.93894	3.55080	3.39063	2.38646	4.41610	2.89487	448	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
449	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.21044	4.14592	3.25552	2.95895	4.08042	2.93456	4.04303	3.40805	2.97033	3.16500	4.03897	3.18370	3.64789	3.31088	3.28430	1.62966	1.93819	2.96327	5.44908	4.20463	449	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
450	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.87759	5.33786	1.33387	1.86786	4.63127	3.15364	3.72174	4.12359	2.74483	3.67936	4.56019	2.64720	3.78205	2.90177	3.31840	2.77979	3.17457	3.72921	5.83535	4.36780	450	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
451	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.71287	5.10136	1.82269	2.16084	4.41211	3.21626	3.63998	3.89188	2.52064	3.43173	4.25769	2.72043	3.13503	2.32168	3.02618	2.66567	2.98291	3.50452	5.61220	4.19353	451	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
452	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	3.20630	4.63349	4.10661	3.68461	2.06886	3.99217	3.46070	3.12413	3.44188	2.54856	3.71924	3.74111	4.35515	3.69093	3.60684	3.36753	3.44015	3.00025	1.68288	1.81536	452	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
453	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	453	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
454	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.91965	5.02079	2.47306	1.08285	4.36227	3.24954	3.83381	3.80837	2.70946	3.43216	4.40865	2.91254	3.85246	3.05076	3.11366	2.90651	3.22382	3.49656	5.54134	4.26436	454	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
455	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	455	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
456	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.69767	4.54958	3.27264	2.78731	3.52708	3.52748	3.78424	2.88666	2.54762	2.37684	2.40666	3.21934	3.94760	2.27356	2.85744	2.84811	2.94477	2.74532	5.04303	3.76374	456	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
457	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	3.27202	4.66041	4.03210	3.72890	2.62865	3.68698	3.85349	3.29453	3.45219	2.69596	3.93010	3.88606	4.20159	3.84191	3.58729	3.47606	3.57058	3.18378	0.96876	2.63291	457	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
458	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	3.11165	4.58599	4.12585	3.76620	3.12182	3.93147	4.43434	2.32453	3.53431	0.92536	3.15834	4.04543	4.37407	3.91210	3.71656	3.49871	3.40796	2.35149	4.98612	3.70011	458	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
459	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.30261	4.39107	3.15252	2.67756	3.69626	3.32654	3.74614	2.59432	2.61797	2.73328	3.62811	3.10230	3.80572	2.70698	2.98748	2.17741	2.77624	2.74092	5.08659	3.81943	459	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
460	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
	2.91965	5.02079	2.47306	1.08285	4.36227	3.24954	3.83381	3.80837	2.70946	3.43216	4.40865	2.91254	3.85246	3.05076	3.11366	2.90651	3.22382	3.49656	5.54134	4.26436	460	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801										

488	2.89702	4.36953	4.25107	3.78862	3.36325	3.98788	4.54868	1.91784	3.61819	1.80707	3.27836	4.04489	4.41114	3.95852	3.84999	3.38537	3.19322	1.24951	5.22954	3.96184	488	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
489	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	489	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
490	2.00928	4.13755	3.20261	2.97665	4.13564	2.89492	4.09397	3.49720	3.04523	3.25424	4.13807	3.18334	3.63593	3.37313	3.34871	1.32846	2.67722	3.02023	5.50996	4.25179	490	s	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
491	2.94831	5.06869	0.97632	2.31258	4.44069	3.18175	3.89799	4.02012	2.97493	3.63580	4.61368	2.86669	3.83184	3.13755	3.48525	2.91560	3.28628	3.66374	5.61691	4.32095	491	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
492	2.61765	4.39623	3.28327	3.17805	4.31966	0.79266	4.30013	3.91025	3.35388	3.56921	4.54515	3.44774	3.78610	3.68127	3.59365	2.78855	3.09584	3.44624	5.42460	4.42045	492	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
493	2.93703	4.89791	3.11032	2.74002	4.27531	3.43004	3.73906	3.70226	1.09362	3.27630	4.24050	3.16601	3.93369	2.93324	2.42654	2.98198	3.19357	3.41249	5.34669	4.15401	493	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
494	2.39269	4.23746	3.39425	3.14521	3.93517	3.07784	4.16539	3.05754	3.08739	2.92240	3.97601	3.36046	3.77873	3.48436	3.34758	2.59359	1.24059	2.75673	5.37648	4.15199	494	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
495	3.11165	4.58599	4.12585	3.76620	3.12182	3.93147	4.43434	2.32453	3.53431	0.92536	3.15834	4.04543	4.37407	3.91210	3.71656	3.49871	3.40796	2.35149	4.98612	3.70011	495	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
496	3.02617	4.42174	4.44914	3.92784	3.23346	4.22538		1.32984	3.75728	1.72151	2.67581	4.20743	4.53104	4.03743	3.96502	3.58482	3.27910	1.85040	5.18446	3.99861	496	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
497	1.34986	4.08260	3.27419	3.01899	4.15975	2.53320	4.11089	3.51876	3.09641	3.25674	4.10171	3.19448	3.60946	3.39092	3.40402	2.10215	2.63092	3.01421	5.51808	4.29977	497	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
498	2.85084	4.83409	2.87832	2.63320	3.99721	3.34074	3.79090	3.62260	2.45691	3.12880	4.15852	3.09230	3.89411	1.30591	2.74155	2.90061	3.14819	3.35495	5.27660	3.96796	498	q	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
499	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	499	p	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
500	2.95371	4.77708	3.08911	2.84570	3.25855	3.41543	1.22850	3.65045	2.68990	3.14913	4.18951	3.25638	3.96612	3.21160	2.95766	3.02494	3.25600	3.38639	4.72403	3.21065	500	h	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
501	2.64659	4.26585	3.84209	3.34167	3.48845	3.63710	4.21033	2.16265	3.21630	2.06097	3.38787	3.64041	4.11354	3.55898	3.50308	2.98964	2.29612	1.64680	5.15437	3.92552	501	v	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
502	2.56925	4.84941	3.20082	2.65631	4.25214	3.46851	3.60150	3.60262	1.90416	3.16279	4.03826	3.08013	3.89529	2.76000	1.61126	2.83217	3.01355	3.29366	5.32043	4.09866	502	r	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
503	2.44017	4.48072	2.79776	2.55256	4.18254	1.87577	3.81530	3.60895	2.39380	3.24591	4.09338	2.97262	3.71713	3.02342	3.00650	2.26318	2.81826	3.19130	5.45904	4.16589	503	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																		
504	2.62047	4.86359	1.64640	2.23659	4.36101	3.13853	3.72664	3.77494	2.66815	3.40637	4.25443	2.76730	3.74016	2.90431	3.17309	2.41863	2.58471	3.37838	5.62289	4.22285	504	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40507	3.72495	3.29354	2.67741	2.69355	4.24690	2.90347	2.73740	3.18147	2.89801	2.37887	2.77520	2.98519	4.58477	3.61503					
	0.08092	2.69977	4.55537	0.48428	0.95747	0.48576	0.95510																		
505	2.73184	5.11135	2.18766	2.18296	4.42080	3.23919	3.62956	3.89069	2.09796	3.42897	4.25418	2.03675	3.77132	2.78246	2.91898	2.68448	2.99394	3.50827	5.59555	4.19192	505	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67																

	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
511	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.94831	5.06869	0.97632	2.31258	4.44069	3.18175	3.89799	4.02012	2.97493	3.63580	4.61368	2.86669	3.83184	3.13755	3.48525	2.91560	3.28628	3.66374	5.61691	4.32095	512	d	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
512	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.07605	4.45331	4.49535	3.99042	3.21279	4.28500	4.66995	1.36797	3.80844	1.50665	3.08467	4.26780	4.58111	4.09498	4.00979	3.65951	3.32907	1.83421	5.18409	3.96301	513	i	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
513	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.88537	5.00048	2.89893	2.42454	4.37643	3.42871	3.63363	3.74285	1.31285	3.29948	4.19673	3.00932	3.90110	2.79601	2.35417	2.89015	3.11333	3.43132	5.41727	4.17649	514	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
514	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.96214	4.80276	3.44889	2.96907	4.14736	3.45685	3.79770	3.68689	2.22438	3.21005	4.21188	3.33151	3.96192	3.02053	1.04043	3.04858	3.23116	3.41270	5.24678	4.08393	515	r	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
515	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.01385	4.29370	3.84822	3.33939	3.42545	3.71024	4.20338	1.88111	3.22334	1.98661	3.32684	3.65979	4.15055	3.55660	3.51320	3.04834	2.98269	2.00713	5.11529	3.88573	516	i	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
516	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.62317	4.81085	2.57494	2.33855	4.27804	2.34592	3.68721	3.72534	2.24644	3.30801	4.14695	2.17709	3.76361	2.86066	2.88132	2.64408	2.92619	3.34347	5.49389	4.15101	517	n	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
517	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.58649	1.86576	4.05392	3.58898	2.63270	3.49369	4.12321	2.43090	3.45347	2.23792	3.37822	3.71663	4.03905	3.71685	3.65253	2.91263	2.93215	2.27028	4.75115	3.36959	518	c	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
518	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.59084	4.23004	3.91003	3.51121	3.61948	3.51913	4.38316	2.12280	3.38997	2.34517	3.51940	3.71710	4.09862	3.74298	3.64338	2.94156	2.56552	1.30673	5.32127	4.08472	519	v	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
519	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.07422	4.49292	4.34097	3.87343	1.58581	4.10685	4.07178	2.07226	3.74317	1.76636	3.11885	4.03752	4.44102	3.92382	3.91316	3.47085	3.32744	2.29841	4.40239	2.86585	520	f	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
520	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.41486	4.66827	2.84739	2.44503	4.03017	3.29051	3.42466	3.44380	2.23508	3.05766	3.89660	2.93134	2.56896	2.82721	2.80654	2.44956	2.83496	3.11159	5.29410	3.98596	521	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
521	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.81280	5.21935	1.40982	2.09543	4.53727	3.14050	3.72205	4.09316	2.73672	3.64859	4.51700	2.24873	3.76971	2.90583	3.29723	2.73892	3.12337	3.68200	5.77385	4.29983	522	d	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
522	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.70125	4.46443	3.30428	3.13815	4.13555	3.15421	4.21835	3.67141	3.19219	3.30231	4.35093	3.44851	0.90433	3.58220	3.44165	2.86766	3.13986	3.32122	5.33234	4.25589	523	p	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
523	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.05234	4.47968	4.39107	3.84101	3.10920	4.21299	4.54385	2.06576	3.68366	1.19161	2.58465	4.14940	4.48981	3.92953	3.89590	3.54628	3.29196	1.91115	5.08653	3.94249	524	l	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
524	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	1.89847	4.59503	2.98084	2.60798	4.09184	3.26601	3.73687	3.37781	1.86956	3.07820	3.97288	3.03842	3.80432	2.92903	2.71506	2.66607	2.88817	3.05660	5.34748	4.07730	525	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
525	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	2.15820	4.49560	3.09133	2.60246	3.81794	3.05883	3.69698	2.80816	2.13706	2.83876	3.71319	3.05118	3.80401	2.90758	2.85409	2.64262	2.79970	2.83581	5.15552	3.88220	526	k	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
526	0.03268	3.83303	4.55537	0.61958	0.77255	0.48576	0.95510																	
	3.15472	4.55840	4.36920	3.90908	1.63239	4.16341	4.03194	2.37729	3.76570	1.47455	3.09170	4.06434	4.47652	3.93613	3.92547	3.53355	3.39939	2.41984	4.32719	2.77107	527	l	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503				
	0.02212	3.82246	*	0.61958	0.77255	0.00000	*																	

//
HMMER3/f [3.1b2 | February 2015]
NAME PmoA
ACC PF14100.5
DESC Methane oxygenase PmoA
LENG 271
ALPH amino
RF no
MM no
CONS yes
CS no
MAP yes
DATE Thu Jan 19 06:32:35 2017
NSEQ 101
EFFN 4.663483
CKSUM 3333536686
GA 27.00 27.00;

TC 27.70 42.50;
NC 18.60 22.50;
BM hmmbuild HMM.ann SEED.ann
SM hmmsearch -Z 26740544 -E 1000 --cpu 4 HMM pfamseq
STATS LOCAL MSV -11.0667 0.70215
STATS LOCAL VITERBI -11.8736 0.70215
STATS LOCAL FORWARD -5.1113 0.70215
HMM

		A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
		m->m	m->i	m->d	i->m	i->i	d->m	d->d													
COMPO	2.52515	4.76848	2.92134	2.63783	3.37938	2.73487	3.36412	3.09915	2.72502	2.57730	3.87693	3.08304	3.14670	3.10187	2.81265	2.68435	2.70685	2.71821	3.89961	3.50278	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.27282	5.28723	1.45366	0.61958	0.77255	0.00000	*														
1	2.07421	4.30993	3.02561	2.29320	4.70871	3.36655	3.71951	4.18784	2.05176	3.54979	4.41656	3.13473	4.05670	2.62078	2.33612	2.30323	2.53370	3.75876	5.81183	3.75914	1 k - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00982	5.02423	5.74657	0.61958	0.77255	0.51518	0.90979														
2	2.59420	4.40308	4.81486	4.20970	3.49819	4.15575	4.48151	1.88165	4.02705	1.82883	3.52113	4.26669	3.80409	3.50361	4.08917	3.14136	2.58966	1.43687	4.42164	3.84358	2 v - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00836	5.18425	5.90660	0.61958	0.77255	0.51661	0.90768														
3	2.39114	4.86811	2.12932	2.03811	4.82119	3.75879	3.94639	3.96401	2.41476	3.28951	4.52336	2.94119	3.67936	2.84028	2.79685	2.27342	2.59281	2.89175	5.91714	4.50935	3 e - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00789	5.24176	5.96410	0.61958	0.77255	0.58196	0.81826														
4	2.92376	4.42627	5.00576	4.14645	2.87629	4.22106	4.16748	1.75317	4.17897	1.50282	3.16554	4.38035	4.58384	4.31163	4.19063	3.41663	3.28329	1.53547	5.04973	3.55217	4 l - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00781	5.25199	5.97433	0.61958	0.77255	0.41623	1.07743														
5	2.45432	5.46088	2.88326	2.38023	4.78314	3.41368	3.58825	4.08600	2.42822	2.35987	3.61149	3.07911	4.18176	2.66804	2.57664	2.48713	2.28219	2.99809	5.90745	3.84116	5 t - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510														
6	2.44027	3.78377	3.64863	3.72703	3.21681	4.11388	2.79101	1.97850	3.37710	2.39271	3.56713	3.75850	4.48646	3.36256	3.00321	2.80676	3.11568	1.80881	5.19308	3.29139	6 v - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510														
7	2.73677	5.03111	1.63170	2.23565	4.87645	1.85781	3.56889	4.36261	2.59263	3.83762	4.57489	2.72977	4.18449	2.89487	3.05200	2.85621	3.18134	3.92294	5.96609	4.55384	7 d - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510														
8	3.30444	5.85169	2.13800	2.61188	5.17610	0.99919	3.79187	4.67536	3.03719	4.14880	4.91402	2.66185	4.37546	3.20359	3.13796	2.61736	3.55190	4.23432	6.28481	4.83945	8 g - - -
	2.68607	4.42226	2.77520	2.73124	3.46355	2.40513	3.72495	3.29355	2.67741	2.69356	4.24690	2.90347	2.73740	3.18147	2.89801	2.37887	2.77520	2.98519	4.58478	3.61504	
	0.03478	3.93610	4.22291	0.44930	1.01632	0.48576	0.95510														
9	2.86975	4.87640	3.18382	2.37695	4.79585	3.68094	3.59698	4.01164	1.78593	3.12878	4.51345	3.10277	4.17339	2.37547	2.34309	2.57674	2.42675	2.71752	4.67110	4.51123	10 k - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
10	2.74577	5.33856	3.03900	2.13368	3.81447	3.80772	3.38664	3.66844	2.66224	2.49616	4.39727	3.03204	1.85869	3.06678	2.96616	2.89129	2.70984	2.91548	5.81303	4.18379	11 p - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
11	3.18746	4.65023	5.23002	4.62442	1.83097	4.49099	4.82746	2.42712	4.42492	1.36690	3.60078	4.64202	4.82557	4.54473	3.28996	3.80901	3.52426	1.45397	5.28457	4.12461	12 l - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
12	1.84825	4.22756	4.91071	4.30259	2.56587	3.49844	4.53887	2.07829	4.11054	1.73303	3.21676	4.33766	4.57549	4.26167	4.15631	3.51730	1.71984	2.45676	3.45384	3.88676	13 t - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
13	2.62282	5.48120	3.16895	2.45635	3.71942	3.49324	3.86357	4.29168	2.30136	3.78128	4.52507	3.25031	4.17126	2.58035	1.92801	2.09755	2.08737	3.30713	5.92112	4.51767	14 r - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
14	4.32040	5.53889	5.72876	5.38746	2.01947	5.21122	3.70693	4.06785	5.18162	2.24702	4.68602	5.00637	4.42016	5.07865	5.11108	4.56165	4.53848	3.57859	3.80759	0.55808	15 Y - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00763	5.27495	5.99730	0.61958	0.77255	0.53059	0.88735														
15	2.92904	3.72807	3.66401	3.11364	3.42102	3.88435	2.65158	2.69171	3.26493	2.57020	3.07970	2.50145	4.37991	2.34290	3.12120	3.19111	2.90476	1.98155	5.35000	3.60935	16 v - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.01969	5.27495	4.24169	0.61958	0.77255	0.53059	0.88735														
16	2.88322	4.79298	2.87153	3.25635	2.58817	3.98007	2.99795	3.19991	2.99907	2.54679	3.43624	3.38732	4.12682	3.10113	3.59200	2.93994	2.70732	2.90944	4.19833	1.69182	17 y - - -
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503	
	0.00772	5.26298	5.98533	0.61958	0.77255	0.50263	0.92871														
17	1.86588	5.49866	2.74206	2.51363	4.83856	2.10372	3.96383	4.32080	2.54450	3.67679	4.54101	3.24514	2.75444	2.99486	2.29360	2.50473	3.06260	3.74732	5.93466	4.52690	18 a - - -
	2.68616	4.42279	2.77521	2.73144	3.46407	2.40566	3.72526	3.29375	2.67794	2.69365	4.24436	2.90392	2.73557	3.18164	2.89854	2.37889	2.77517	2.98448	4.58530	3.61422	

64	2.80235	5.51270	3.04697	2.27195	4.85478	1.34051	3.42992	4.33853	2.24647	3.81651	4.55441	3.25064	3.88426	2.89163	2.81164	2.76363	2.87349	3.74395	5.94691	4.53786	88	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																		
65	2.83346	4.70720	3.73071	3.32740	2.97739	3.57344	3.03456	2.35492	3.00141	2.31137	3.81317	3.51945	4.06657	2.88864	3.42014	2.83314	2.52277	1.97991	4.53132	2.87577	89	v	-	-	-
	2.68608	4.42228	2.77522	2.73126	3.46356	2.40495	3.72497	3.29356	2.67743	2.69357	4.24692	2.90349	2.73742	3.18149	2.89803	2.37889	2.77522	2.98521	4.58479	3.61506					
	0.05733	2.93244	6.00957	0.27517	1.42479	0.48576	0.95510																		
66	3.43201	5.98267	1.08001	2.82401	5.31599	3.93267	4.32598	4.82206	2.92397	3.84006	5.08165	1.46659	4.46132	3.45662	3.74271	2.41344	3.47430	4.37842	6.44032	4.97822	91	d	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																		
67	3.09039	4.03204	4.76406	4.16994	0.99652	4.22093	3.79717	2.95409	4.00871	2.22707	3.63040	4.27901	3.53469	4.19086	3.66589	3.51987	2.96771	2.76534	5.06827	2.69016	92	f	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																		
68	5.06051	6.19073	5.96221	5.81049	2.86540	5.49710	4.65084	4.82433	5.35855	3.97774	5.34989	5.35738	5.89458	5.44708	4.50000	5.09084	5.33196	4.79430	0.23743	3.02811	93	w	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																		
69	2.64374	5.44913	3.28338	2.31208	4.76594	1.83452	2.86884	3.75212	2.73047	3.34709	4.03236	1.76683	4.18610	2.84285	3.21780	2.77504	3.24007	3.82455	5.89917	4.50602	94	n	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01417	5.28723	4.70878	0.61958	0.77255	0.48576	0.95510																		
70	2.78090	3.91704	2.91887	2.11054	1.87882	4.73712	1.87882	3.49547	2.73313	2.77924	3.95059	2.16696	4.18458	2.80075	3.21933	2.60528	3.23521	3.79873	5.88124	4.49241	95	g	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00759	5.28065	6.00299	0.61958	0.77255	0.47083	0.97946																		
71	2.78012	5.51703	2.66650	2.59577	4.86275	2.75082	3.09379	4.34918	2.45699	3.82258	4.55753	2.57858	3.06866	2.71709	1.98090	2.08452	2.98588	3.90802	5.94930	4.01529	96	r	-	-	-
	2.68671	4.42383	2.77517	2.73109	3.46330	2.40400	3.72531	3.29363	2.67845	2.69442	4.24847	2.90443	2.73838	3.18192	2.89708	2.37990	2.77336	2.98393	4.58425	3.61141					
	1.89568	0.63051	1.14740	1.66073	0.21072	0.48576	0.95510																		
72	2.69100	5.10592	3.13394	2.53576	4.36163	2.90621	3.86391	3.78870	2.41403	3.37226	4.17216	3.17875	2.27198	2.91621	3.01760	2.58650	3.07760	2.94272	5.59659	2.05921	111	y	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.15084	4.90888	2.02019	0.61958	0.77255	1.26683	0.33090																		
73	2.32871	5.18646	2.85555	2.39431	4.48772	3.24209	3.58328	3.31850	2.35094	3.16153	4.23890	2.91927	3.25323	2.74186	2.58569	2.65851	2.31594	2.76310	5.64628	4.26343	112	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01267	4.77071	5.49306	0.61958	0.77255	1.36914	0.29347																		
74	2.33921	5.24019	2.74360	2.16948	4.56030	3.42491	3.45898	4.02904	2.28189	2.81401	4.08074	2.83862	3.50080	2.63423	2.86489	2.55623	2.76589	3.61735	3.15071	3.86923	113	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01253	4.78165	5.50400	0.61958	0.77255	1.33996	0.30362																		
75	2.72963	5.12768	3.04885	2.53534	4.40462	3.60718	3.28782	3.84404	2.22508	1.87851	4.18731	2.90474	3.15061	2.80989	2.45199	2.75193	2.83167	3.14026	5.60268	4.23904	114	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01233	4.79790	5.52025	0.61958	0.77255	1.20291	0.35713																		
76	2.40478	5.32772	2.41824	2.32337	4.67121	2.77177	3.59436	4.15633	1.91681	3.63227	4.36906	2.78309	2.74621	2.87756	2.70228	2.67564	2.84655	3.71756	5.76114	4.35065	115	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01170	4.84943	5.57177	0.61958	0.77255	0.47207	0.97739																		
77	2.84957	5.45238	2.19687	2.21063	4.79774	3.42569	3.46221	4.28405	1.90705	3.25127	4.49305	2.08917	3.20147	2.99729	2.94555	2.53270	2.98252	3.84319	5.88479	4.47345	116	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00868	5.14664	5.86898	0.61958	0.77255	0.79157	0.60355																		
78	2.68181	5.45986	2.83771	2.20960	4.80561	2.86871	2.18993	4.29204	2.02501	3.48582	4.50036	2.58947	3.82437	2.73379	2.52163	2.65374	3.11529	3.74286	5.89209	4.48075	117	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.30556	5.16522	1.35643	0.61958	0.77255	0.60228	0.79310																		
79	2.85192	5.20195	2.92722	2.40041	3.67905	3.11075	3.68103	3.62960	2.20436	3.35212	3.34342	3.14946	3.70068	2.33191	2.93671	2.51195	2.76930	3.03223	5.67302	2.56192	118	k	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.01072	4.93694	5.65929	0.61958	0.77255	0.30474	1.33681																		
80	3.00311	5.37262	3.60210	3.20262	5.43842	0.38781	4.98330	4.20774	3.97892	4.52548	5.37149	3.52270	4.65034	4.22210	4.37025	3.45322	3.80588	4.32963	6.73140	5.43605	119	G	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00790	5.24104	5.96339	0.61958	0.77255	0.74656																			
81	2.78863	5.41296	3.26735	2.39252	4.72507	3.77182	3.50345	3.44153	2.51828	3.23885	4.46243	3.16997	3.53824	2.56495	2.04479	2.22304	1.99239	3.46883	4.63863	4.11504	120	t	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513</																			

131	3.08595	4.21267	5.16668	4.55394	2.58077	4.37673	4.71275	1.48890	4.34194	1.23978	3.34387	4.54229	4.72456	4.45958	4.34499	3.69223	3.33891	2.09256	4.08871	4.01475	220	l	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
132	2.79972	5.48890	1.16085	2.28757	4.81223	3.66797	3.56715	4.28434	2.74348	3.41206	4.53649	3.27209	4.19613	3.01710	3.07890	2.99803	2.40735	3.34240	5.93434	4.53457	221	d	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
133	2.90893	3.69187	4.99901	4.09604	1.91967	4.22698	4.55919	2.40434	4.17579	2.01556	3.22420	4.38116	4.59092	4.31173	2.56889	3.23117	3.29256	2.22719	2.23820	3.14941	222	f	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
134	2.58826	5.50280	2.03814	2.20191	4.84241	3.67057	3.42035	3.19107	2.65899	3.80575	4.54490	3.25038	4.17421	2.53464	2.84805	2.16867	2.10776	3.75195	5.93875	4.10388	223	d	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
135	2.75354	4.45658	4.89029	4.28388	2.78909	4.21468	4.54110	1.84806	4.09755	2.31183	3.39183	4.33204	4.57964	4.25377	4.15298	1.73184	1.83441	2.49265	4.33020	3.74057	224	s	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
136	2.59521	5.44554	3.00815	2.23014	4.76163	3.79211	3.55028	4.22764	2.63261	3.15592	4.24663	3.17632	4.18486	2.78194	2.73885	2.63093	1.54150	2.55707	5.89595	4.50322	225	t	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
137	3.32353	4.69862	5.16359	4.55793	4.55793	3.97017	4.81611	2.75197	4.37353	0.70377	2.88113	4.61856	4.82504	3.11386	4.41497	3.80953	3.55163	2.58693	5.28308	4.13641	226	l	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
138	2.92971	5.00883	3.26690	2.30150	4.81994	3.65365	3.13890	4.29719	2.14997	3.29070	4.16143	3.08346	4.17771	2.56521	2.55392	2.79016	1.50976	3.51427	5.92691	4.52376	227	t	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
139	1.45808	3.08070	3.67710	3.12233	4.27727	3.89900	4.22116	3.66545	3.10268	3.22476	3.78720	1.99001	2.43166	3.43486	3.52641	2.56826	2.93972	3.26870	5.63467	4.35313	228	a	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
140	2.15475	5.08871	3.16727	2.68356	4.03775	3.88307	4.09683	3.30572	2.88884	2.01905	4.00028	3.21551	3.20492	2.83966	2.99151	2.87002	2.35804	2.19380	5.61635	4.31101	229	l	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
141	2.44167	5.50080	2.48530	2.48231	4.83965	2.81772	3.70720	4.10287	2.42471	3.28846	3.99577	2.93594	3.96011	2.93982	2.55607	2.11810	2.36381	2.83441	5.93723	4.53005	230	s	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
142	2.74301	5.52134	1.78668	2.07871	4.86685	2.34046	3.96851	4.07973	2.14914	3.82680	4.56205	2.95748	3.25595	2.83901	3.07007	2.57028	3.09530	3.91225	5.95359	4.54183	231	d	-	-	-	
	2.68599	4.42247	2.77501	2.73069	3.46376	2.40515	3.72486	3.29376	2.67763	2.69377	4.24712	2.90362	2.73762	3.18149	2.89757	2.37869	2.77533	2.98530	4.58499	3.61525						
	0.73800	0.91142	2.12048	0.07681	2.60457	0.95510																				
143	2.70740	4.90023	2.25671	2.28834	4.78521	3.03192	3.90951	3.83878	2.43503	3.63840	4.48714	2.85228	1.93196	2.74011	3.13820	2.60040	2.66334	3.58405	5.88083	4.47288	234	p	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00855	5.16221	5.88456	0.61958	0.77255	0.31047	1.32088																			
144	3.28163	5.01426	5.81401	5.27953	3.86774	5.19262	5.69874	1.82380	5.15119	1.43928	4.05030	5.35405	5.46318	5.31838	5.22309	4.56389	3.62511	0.84352	6.08551	4.90874	235	v	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
145	2.88971	5.34335	3.12775	2.46225	4.02661	3.81404	3.26980	3.74189	2.25703	3.00712	4.22441	3.24653	3.63738	2.96904	2.46259	2.55790	2.05508	2.24666	4.85642	3.92783	236	t	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
146	3.93691	5.22368	5.90843	5.30136	1.43500	5.19823	5.48707	1.75540	5.11764	1.01638	3.02507	5.36842	5.38562	5.07758	5.06873	4.54279	4.15006	2.74930	4.75974	4.64404	237	l	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
147	3.01039	5.50991	2.78278	2.34638	4.84998	1.52103	3.69252	4.33264	2.25669	2.80351	4.55212	2.77599	4.02613	2.99399	3.03662	2.88540	2.51025	3.89791	5.94531	4.53699	238	g	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.01417	5.28723	4.70878	0.61958	0.77255	0.48576	0.95510																			
148	2.64833	5.52382	1.93779	2.49434	4.86865	2.72335	3.97081	4.35503	2.08148	3.828																

198	2.63889	5.41638	2.11447	1.98286	3.93351	2.48513	3.60515	4.24545	2.14633	3.72116	4.45736	2.82310	3.55137	2.82068	2.87916	2.87118	2.88911	3.27452	5.84974	4.43944	341	e	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00931	5.07686	5.79920	0.61958	0.77255	1.02398	0.44498																			
199	2.63177	5.41195	2.35230	2.51241	4.75383	1.82605	3.72148	4.06148	2.46303	3.58091	4.45349	2.72937	3.85748	2.61285	2.80813	2.52728	2.64336	3.65460	5.84652	4.43744	342	g	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.03234	5.07686	3.66587	0.61958	0.77255	1.02398	0.44498																			
200	2.63249	5.40588	2.73275	1.86107	4.36303	3.10257	3.85959	4.23480	2.06750	3.71063	4.17875	2.79094	3.11008	2.44027	2.70936	2.65419	2.92972	3.52700	4.20286	4.15032	343	e	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.22562	5.05405	1.63170	0.61958	0.77255	0.37095	1.17143																			
201	2.35806	5.38401	1.99933	2.56307	4.71608	2.76645	3.87198	3.58197	2.29928	3.58221	4.42818	2.78920	3.14049	2.97264	2.94454	2.46790	2.57421	3.13988	5.82463	4.42166	344	d	-	-	-	
	2.68480	4.42306	2.77519	2.73125	3.46453	2.40455	3.72466	3.29420	2.67783	2.69415	4.24753	2.90419	2.73610	3.18160	2.89832	2.37937	2.77444	2.98570	4.58262	3.61592						
	0.58725	0.97514	2.70298	1.83051	0.17475	0.24986	1.50918																			
202	2.13494	4.26480	4.24245	2.95160	3.51731	2.82177	3.82429	2.43974	3.57963	2.66789	3.46199	3.63141	3.81606	3.83596	3.83559	2.22600	2.99980	2.11756	3.13316	2.79864	371	v	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00795	5.23451	5.95686	0.61958	0.77255	0.38939	1.13155																			
203	2.75728	4.13644	4.02552	3.52441	4.84625	1.32599	3.99050	4.26827	3.51340	3.90675	4.72084	3.42507	4.44929	3.83386	3.91937	2.04012	1.34161	3.82952	6.15642	4.88761	372	g	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
204	3.35446	5.16903	6.04963	5.54224	4.30536	5.49136	6.07026	1.18076	5.44804	1.23455	3.81643	5.65795	5.69986	5.59738	5.53110	4.89396	4.20316	1.32938	6.34741	5.19958	373	i	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
205	1.72505	3.50055	4.95948	4.07694	3.59708	4.27109	4.60716	2.67441	4.16790	1.79534	3.42691	4.39656	4.63397	4.32285	4.21905	3.57992	2.25465	1.48950	5.13438	3.95477	374	v	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
206	3.04241	4.47952	5.07002	4.45577	1.72274	4.28016	3.94725	1.56392	4.24200	1.89981	2.57659	4.44166	4.63830	4.36788	4.24897	3.59250	3.33956	2.28989	5.09177	3.14226	375	i	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
207	2.24848	4.44070	5.00446	4.06030	2.52880	4.23008	4.56264	2.29513	4.18063	1.44374	2.34802	4.38525	4.59377	4.31595	4.19665	3.07196	3.03475	2.05738	5.06263	3.61884	376	l	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
208	2.76220	4.85220	1.44308	2.54962	4.85765	2.63407	3.18432	4.34263	2.70398	3.81881	4.55541	2.75217	3.55815	2.45910	3.10490	2.56419	3.13562	3.90399	5.94782	4.16618	377	d	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
209	2.33208	5.45768	2.62030	2.59577	4.12258	3.39907	1.50820	4.24771	2.72458	3.14470	4.50481	2.78995	3.71397	3.08436	2.98348	2.59728	3.09371	3.83522	5.90516	3.91004	378	h	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00754	5.28723	6.00957	0.61958	0.77255	0.48576	0.95510																			
210	2.90360	5.56162	3.08146	2.61136	4.88761	2.76127	4.07928	4.35840	2.67294	3.86703	4.63028	3.20589	1.07519	3.01079	3.34907	2.77098	2.78837	3.94679	6.02487	4.62217	379	p	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.04503	5.28723	3.24473	0.61958	0.77255	0.48576	0.95510																			
211	2.47761	5.49777	2.44262	2.02568	4.84270	2.92325	3.94813	4.32861	2.30956	3.62649	4.53851	2.97098	3.39189	2.68147	3.17587	1.91273	2.60161	3.44519	5.93053	4.51958	380	s	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.01612	5.25002	4.53340	0.61958	0.77255	0.43158	1.04835																			
212	2.72581	5.48366	3.08509	2.55854	4.80774	3.12544	3.81811	4.27985	2.60708	3.47373	4.53240	1.05572	3.79051	3.09619	3.23072	2.72644	3.19431	3.55255	5.93027	4.53049	381	n	-	-	-	
	2.68625	4.42237	2.77472	2.73118	3.46366	2.40500	3.72441	3.29366	2.67742	2.69356	4.24702	2.90359	2.73752	3.18151	2.89813	2.37891	2.77519	2.98531	4.58489	3.61515						
	0.31741	2.71594	1.58074	1.15451	0.37864	0.52837	0.89053																			
213	2.56921	4.84332	3.23920	2.80257	2.76027	3.16344	3.78524	3.24316	2.73711	2.40277	3.93382	3.43120	1.97458	3.26536	2.82834	3.03292	2.92165	2.64420	5.39386	3.59379	388	p	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.03805	5.04825	3.47644	0.61958	0.77255	0.88056	0.53537																			
214	2.61711	5.31141	2.83562	2.55986	3.75539	2.37351	3.88726	3.70395	2.43621	3.35208	4.11398	2.00232	4.08777	2.99865	2.31135	2.75078	2.71907	3.54879	4.28939	4.38463	389	n	-	-	-	
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503						
	0.00943	5.06441	5.78676	0.61958	0.77255	0.93991	0.49538																			
215	2.68784	4.61252	3.98848	3.32881	2.59121	3.65523	2.07646	3.10013	3.27258	2.65175	3.71842	3.71066	4.31690	3.56595												

265	2.53108	5.50309	2.69364	1.79494	4.84802	3.21484	3.73106	4.33389	2.22719	3.47001	4.54379	2.89924	3.86263	2.80686	2.27838	2.76533	2.60371	2.83775	5.93586	4.52499	456	e	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00773	5.26259	5.98493	0.61958	0.77255	0.57328	0.82936																		
266	1.71678	4.44907	4.92177	4.31469	3.54717	3.86849	4.55177	1.57353	4.12285	1.87978	2.90505	3.99455	4.58470	4.27435	4.16844	3.25913	3.14872	2.03241	5.07695	3.89821	457	i	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03058	5.26259	3.69137	0.61958	0.77255	0.57328	0.82936																		
267	1.70495	5.50163	2.53149	1.71108	4.84613	3.39976	3.94977	4.33237	2.59263	3.80667	4.54280	2.41342	3.74235	2.66618	2.95705	2.90655	3.07982	3.73938	5.93435	4.52261	458	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.03324	5.23991	3.59742	0.61958	0.77255	0.64590	0.74274																		
268	1.94681	5.48211	2.88052	2.22380	4.82745	3.14624	3.93139	4.31358	1.98573	3.78747	4.52275	2.89806	4.13781	2.15103	2.61075	2.50751	3.08628	3.43739	5.91459	4.50349	459	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00811	5.21478	5.93712	0.61958	0.77255	0.71897	0.66798																		
269	2.24225	4.55769	4.24267	3.15213	3.52240	4.06947	3.19658	2.61458	3.45156	1.35571	3.44854	3.95783	4.44242	3.42698	3.32437	2.97162	3.15829	2.41674	5.16085	2.87926	460	l	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.05862	5.21478	2.96614	0.61958	0.77255	0.71897	0.66798																		
270	1.66140	4.38291	4.86333	4.25453	2.28811	4.15222	4.00305	2.51095	4.05971	2.21770	3.32601	4.28309	4.51678	4.20826	4.10082	3.10505	3.15596	2.48829	2.24813	2.73641	461	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.09924	5.16468	2.42183	0.61958	0.77255	0.74001	0.64838																		
271	2.03041	5.42403	2.41274	2.11742	4.76762	3.46929	3.78584	3.82985	2.18942	3.49802	3.85401	2.80192	4.08462	2.56320	2.61626	2.62931	2.70742	3.65497	5.85759	4.44753	462	a	-	-	-
	2.68618	4.42225	2.77519	2.73123	3.46354	2.40513	3.72494	3.29354	2.67741	2.69355	4.24690	2.90347	2.73739	3.18146	2.89801	2.37887	2.77519	2.98518	4.58477	3.61503					
	0.00615	5.09415	*	0.61958	0.77255	0.00000	*																		

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