A Detailed Experimental Results by Language

#		SET1						SET2							SET3						
		COPY	PT	SIG17	SIG17+SHIP	MED+PT	MED+PT+SHIP	COPY	MED	PT	SIG17	SIG17+SHIP	MED+PT	MED+PT+SHIP	COPY	MED	PT	SIG17	SIG17+SHIP	MED+PT	MED+PT+SHIP
1	albanian	.0385	.0305	.1224	.2742	**.6793**	.6568	.0385	.0055	.0305	.8362	.2335	.8786	**.8891**	.0385	.1808	.0305	.8951	.4276	**.9750**	.9700
2	arabic	.0334	.0445	.4262	.4744	**.8191**	.8006	.0334	.0378	.0445	.5389	.7265	.8962	**.9096**	.0334	.3988	.0445	.5567	.7509	.9400	**.9526**
3	armenian	.0233	.0841	.7912	.9002	**.9235**	.9174	.0233	.0319	.0841	.8089	.9706	.9762	**.9787**	.0233	.5297	.0841	.8611	.8049	**.9919**	.9899
4	basque	.0004	.6743	.0050	.1034	.9298	**.9427**	.0004	.0108	.6743	.0457	.0968	.9132	**.9190**	-	-	-	-	-	-	-
5	bengali	.0357	.0127	.7720	**.9019**	.6675	.6599	.0357	.0102	.0127	.8586	**.9172**	.8344	.8089	.0357	.0701	.0127	.8752	**.9248**	.8675	.8713
6	bookmal	.1321	.0377	.4025	**.4151**	.1069	.1069	.1321	.0377	.0377	**.5094**	.5094	.3585	.3585	.1321	.4277	.0377	.6792	**.6855**	.5094	.5157
7	bulgarian	.0854	.0151	.3920	**.4958**	.4807	.4774	.0854	.0318	.0151	.4908	**.5444**	.5243	.5427	.0854	.2663	.0151	.7471	**.8425**	.8208	.8191
8	catalan	.0173	.0210	**.9407**	.9346	.8758	.8655	.0173	.0415	.0210	.9533	**.9706**	.9659	.9641	.0173	.5626	.0210	.9603	.9795	**.9897**	.9874
9	czech	.1255	.0498	.2656	**.3503**	.2873	.3122	.1255	.0166	.0498	.5643	**.5873**	.5332	.5373	.1255	.2739	.0498	.8579	**.8794**	.8444	.8423
10	danish	.1738	.0230	**.4230**	.4230	.1705	.1738	.1738	.0492	.0230	**.7016**	.7016	.4918	.5016	.1738	.4984	.0230	**.7574**	.7541	.3541	.4066
11	dutch	.1661	.0018	.4963	**.5664**	.4908	.4982	.1661	.0424	.0018	.6771	**.8653**	.7841	.7915	.1661	.4317	.0018	.7804	**.8856**	.8727	.8727
12	english	.2080	.0240	**.7640**	.7640	.4000	.4000	.2080	.0600	.0240	**.8400**	.8400	.7360	.7360	.2080	.6680	.0240	**.9120**	.9120	.8440	.8440
13	estonian	.0373	.0210	.3888	.6857	.7881	**.7992**	.0373	.0081	.0210	.6257	.7119	**.9173**	.9173	.0373	.2893	.0210	.7730	.7189	.9761	**.9796**
14	faroese	.1570	.0239	.4978	**.5755**	.3991	.3946	.1570	.0149	.0239	.5919	**.6831**	.6069	.6024	.1570	.3602	.0239	.7010	**.7549**	.7175	.7160
15	finnish	.0650	.0257	.6082	**.7630**	.6330	.6236	.0650	.0274	.0257	.6279	**.8896**	.8777	.8760	.0650	.3311	.0257	.6929	.9264	**.9615**	.9504
16	french	.0213	.0142	.8709	**.9040**	.8918	.8943	.0213	.0930	.0142	.8516	.9233	.9487	**.9517**	.0213	.6880	.0142	.9263	.9548	.9964	**.9980**
17	gaelic	.3684	.0202	.4413	**.5061**	.4170	.3927	.3684	.0000	.0202	.4130	**.4858**	.4413	.4575	-	-	-	-	-	-	-
18	georgian	.0534	.0036	.7886	**.8682**	.7684	.7613	.0534	.1235	.0036	.8242	**.8967**	.8753	.8646	.0534	.6211	.0036	.9097	**.9549**	.9335	.9477
19	german	.2959	.0174	.6983	**.7466**	.6460	.6267	.2959	.0000	.0174	.7041	**.8375**	.7485	.7563	.2959	.4391	.0174	.7640	.8549	**.8743**	.8743
20	haida	.0087	.0981	.4715	.9452	.9279	**.9611**	.0087	.0000	.0981	.6453	.9481	.9394	**.9762**	-	-	-	-	-	-	-
21	hebrew	.0507	.0178	.3238	**.6548**	.6148	.6459	.0507	.2109	.0178	.4270	.6530	**.8639**	.8585	.0507	.5329	.0178	.5427	.6984	.9137	**.9377**
22	hindi	.0038	.6005	.6449	.7082	**.9405**	.9264	.0038	.0000	.6005	.7031	.8565	**.9504**	.9496	.0038	.3621	.6005	.9539	.4922	.9979	**1.000**
23	hungarian	.0310	.0038	.1791	**.5489**	.5435	.5488	.0310	.0060	.0038	.4452	**.7621**	.7498	.7415	.0310	.3447	.0038	.5412	.8237	.9108	**.9146**
24	icelandic	.1640	.0148	.4579	**.5657**	.4106	.4136	.1640	.0295	.0148	.5451	**.6721**	.4993	.5288	.1640	.2393	.0148	.6691	.7474	**.7696**	.7430
25	irish	.1971	.0128	.3230	**.4343**	.3248	.3285	.1971	.0109	.0128	.4033	.4872	.5675	**.5766**	.1971	.2518	.0128	.4799	.5712	**.6788**	.6588
26	italian	.0186	.0100	.6643	**.7200**	.6962	.6976	.0186	.0190	.0100	.7186	.7767	.9052	**.9233**	.0186	.3171	.0100	.7305	.7848	**.9733**	.9719
27	khaling	.0209	.5773	.4230	.4422	.9686	**.9716**	.0007	.2258	.5773	.5820	.6208	**.9918**	.9895	.0007	.6979	.5773	.7908	.6583	.9960	**.9983**
28	kurmanji	.0817	.0174	.7843	**.8017**	.4591	.4539	.0817	.0765	.0174	.8835	**.8887**	.7965	.8330	.0817	.7165	.0174	**.9287**	.9165	.9287	.9183
29	latin	.0600	.0146	.2416	**.5198**	.3016	.2899	.0600	.0000	.0146	.3909	**.8507**	.4905	.5168	.0600	.2050	.0146	.4671	**.8814**	.6852	.7379
30	latvian	.0735	.0115	.6888	**.7579**	.4971	.5115	.0735	.0101	.0115	.7983	**.8919**	.7752	.7680	.0735	.5086	.0115	.8646	**.9669**	.9179	.9150
31	lithuanian	.0169	.0125	.3845	**.4951**	.4790	.4835	.0169	.0134	.0125	.6619	**.8287**	.7395	.7431	.0169	.2810	.0125	.6048	**.8582**	.8260	.8359
32	maced.	.0959	.0072	.4249	**.6023**	.4149	.4077	.0959	.0615	.0072	.8655	**.8898**	.7611	.7954	.0959	.5722	.0072	.8970	**.9714**	.9614	.9599
33	navajo	.0589	.0014	.2658	**.3563**	.0466	.0370	.0589	.0616	.0014	.3315	**.4801**	.0329	.0315	.0589	.2849	.0014	.3795	**.5695**	.0301	.0137
34	nynorsk	.1043	.0245	**.4233**	.4233	.1043	.1043	.1043	.0123	.0245	**.6074**	.6074	.3367	.3129	.1043	.4785	.0245	.6442	**.6626**	.4172	.4294
35	persian	.0218	.2400	.7342	.1633	**.9880**	.9844	.0218	.0509	.2400	.7829	.1815	.9898	**.9960**	.0218	.6073	.2400	.7644	.1971	**.9993**	.9989
36	polish	.0986	.0218	.5672	**.6453**	.5928	.5826	.0986	.0205	.0218	.8028	**.8271**	.7631	.7452	.0986	.3995	.0218	**.9001**	.8924	.8515	.8553
37	portug.	.0697	.0432	.9171	**.9694**	.9135	.9190	.0697	.1058	.0432	.9529	**.9858**	.9784	.9742	.0697	.6829	.0432	.9616	**.9861**	.9839	.9823
38	quechua	.0083	.5093	.9133	**.9998**	.9835	.9856	.0083	.2750	.5093	.9994	**.9999**	.9927	.9926	.0083	.7852	.5093	.8913	**.9994**	.9965	.9994
39	romanian	.0754	.0133	.1420	**.2500**	.1317	.1213	.0754	.0074	.0133	.6154	**.7663**	.5814	.6124	.0754	.2914	.0133	**.7988**	.7825	.7500	.7544
40	russian	.1166	.0092	.4018	**.4617**	.3221	.3528	.1166	.0598	.0092	.8298	**.8574**	.7715	.7761	.1166	.6610	.0092	.8589	**.8712**	.8635	.8650
41	sami	.0436	.0048	.1562	**.3986**	.2890	.3046	.0436	.0155	.0048	.3172	**.8351**	.7856	.7818	.0436	.2250	.0048	.4568	.9108	.9108	**.9176**
42	SCB	.0870	.2802	.3007	**.5266**	.5133		.0870	.0000	.2802	.6647	**.6401**	.6196		.0870	.0918	.2802	.8575	.7536	**.8841**	
43	slovak	.1301	.0053	.4439	**.5365**	.3226	.3012	.1301	.0160	.0053	.5936	**.6667**	.4011	.3993	.1301	.3119	.0053	.6934	**.7184**	.6310	.6275
44	slovene	.1094	.0151	.5774	**.7928**	.5925	.5867	.1094	.0012	.0151	.6787	.8510	.8254	**.8661**	.1094	.4505	.0151	.7648	.9302	**.9430**	.9336
45	sorani	.0110	.1285	.5478	.5435	.6162	**.6272**	.0110	.0042	.1285	.6839	.5773	.8216	**.8225**	.0110	.2984	.1285	.7210	.6044	.8512	**.8529**
46	sorbian	.0799	.0237	.3758	.5643	.5793	**.6080**	.0799	.1024	.0237	.6592	.8402	.7328	**.7553**	.0799	.5031	.0237	.8227	**.8901**	.8664	.8739
47	spanish	.0144	.0207	.8067	.8835	**.9186**	.9088	.0144	.0330	.0207	.9218	.8884	**.9768**	.9709	.0144	.5884	.0207	.9358	.8891	.9853	**.9874**
48	swedish	.1824	.0441	.4353	**.5118**	.2735	.2735	.1824	.0441	.0441	.5735	**.7088**	.5176	.5265	.1824	.4206	.0441	.7824	**.8471**	.7235	.7353
49	turkish	.0168	.0894	.2050	.6984	**.8748**	.8643	.0168	.0358	.0894	.7204	.9258	**.9754**	.9740	.0168	.5388	.0894	.8673	.9402	.9934	**.9941**
50	ukrainian	.0873	.0159	.4222	**.4921**	.3460	.3206	.0873	.0413	.0159	**.6714**	.6619	.5857	.5984	.0873	.3984	.0159	.7397	**.7619**	.7413	.7508
51	urdu	.0264	.5434	.8059	.8059	**.8754**	.8720	.0264	.0014	.5434	.8102	.8102	.9438	**.9485**	.0264	.2007	.5434	.9533	.7040	.9887	**.9901**
52	welsh	.0277	.0147	.5167	.4319	.9104	**.9128**	.0277	.0513	.0147	.8280	.8843	.9707	**.9756**	.0277	.3504	.0147	.8525	.9446	.9886	**.9919**
53	**average**	.0810	.0883	.5012	**.5971**	.5808	.5793	.0810	.0432	.0883	.6576	.7355	.7486	**.7547**	.0782	.4211	.0775	.7707	.8008	.8454	**.8483**

Table 4: Accuracy on PC for SIG17+SHIP (the shared task baseline SIG17 with SHIP), MED+PT (MED with paradigm transduction), and MED+PT+SHIP (MED with paradigm transduction and SHIP). We omit the column "MED" for SET1: all results were < .001 except for .0123 for Navajo. bookmal = Norwegian Bokmål, gaelic = Scottish Gaelic, maced. = Macedonian, nynorsk = Norwegian Nynorsk, portug. = Portuguese, sami = Northern Sami, SCB = Serbo-Croatian, sorbian = Lower Sorbian. Since Basque, Scottish Gaelic, and Haida are low-resource languages, no SET3 data is available.