

# **Appendix C**

## **Results of the Domain Specific Track**

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# Introduction



# Results for CLEF 2006 Domain Specific Tracks

The following pages contain the results and graphs for all the experiments that have been officially submitted to the CLEF 2006 campaign for the Domain Specific track.

This document is divided in three main parts:

1. List of submitted experiments
2. Track overview results and graphs
3. Individual experiment results and graphs

## 1. List of Submitted Experiments

This section gives a listing of all experiments and their characteristics:

- Participant:** the name of the participant who submitted the experiment.  
**Country:** country of the participant.  
**Identifier:** unique identifier for each experiment.  
**Task:** track/task to which the experiment belongs.  
**Topic language:** language of the topics used to create the experiment (ISO identifiers for language).  
**Topic fields:** identifies the parts of the topics used to create the experiment (T = title, D = Description, N = Narrative).  
**Query constr.:** identifies how the query has been constructed from topic fields (manual/automatic).  
**Pool:** specifies if experiment was used for relevance assessment pooling.

## 2. Track Overview Results and Graphs

For each track/task graphs and tables are shown in order to compare the experiments.

The graphs and tables contain the following information:

- Mandatory experiments title + description (TD) of at most top five participants
  - Interpolated recall vs precision averages plot
  - Average precision comparison to median plot
- All experiments
  - Average precision box plot
  - Average precision Tukey t-test plot
- Mandatory experiments title + description (TD) of at most top five participants
  - Document cutoff levels (DCL) vs precision at DCL plot
  - R-Precision comparison to median plot
- All experiments
  - R-Precision box plot
  - R-Precision Tukey t-test plot
- A table with descriptive statistics of performance figures for each topic

## 3. Individual Experiment Results and Graphs

This section provides the individual results for each official experiment. For each experiment the following tables and graphs are shown:

- Overall statistics and information
- Interpolated recall vs precision averages plot
- Average precision statistics and box plot
- Average precision comparison to median plot
- Document cutoff levels vs precision at DCL plot
- R-Precision statistics and box plot
- R-Precision comparison to median plot



# List of Submitted Experiments



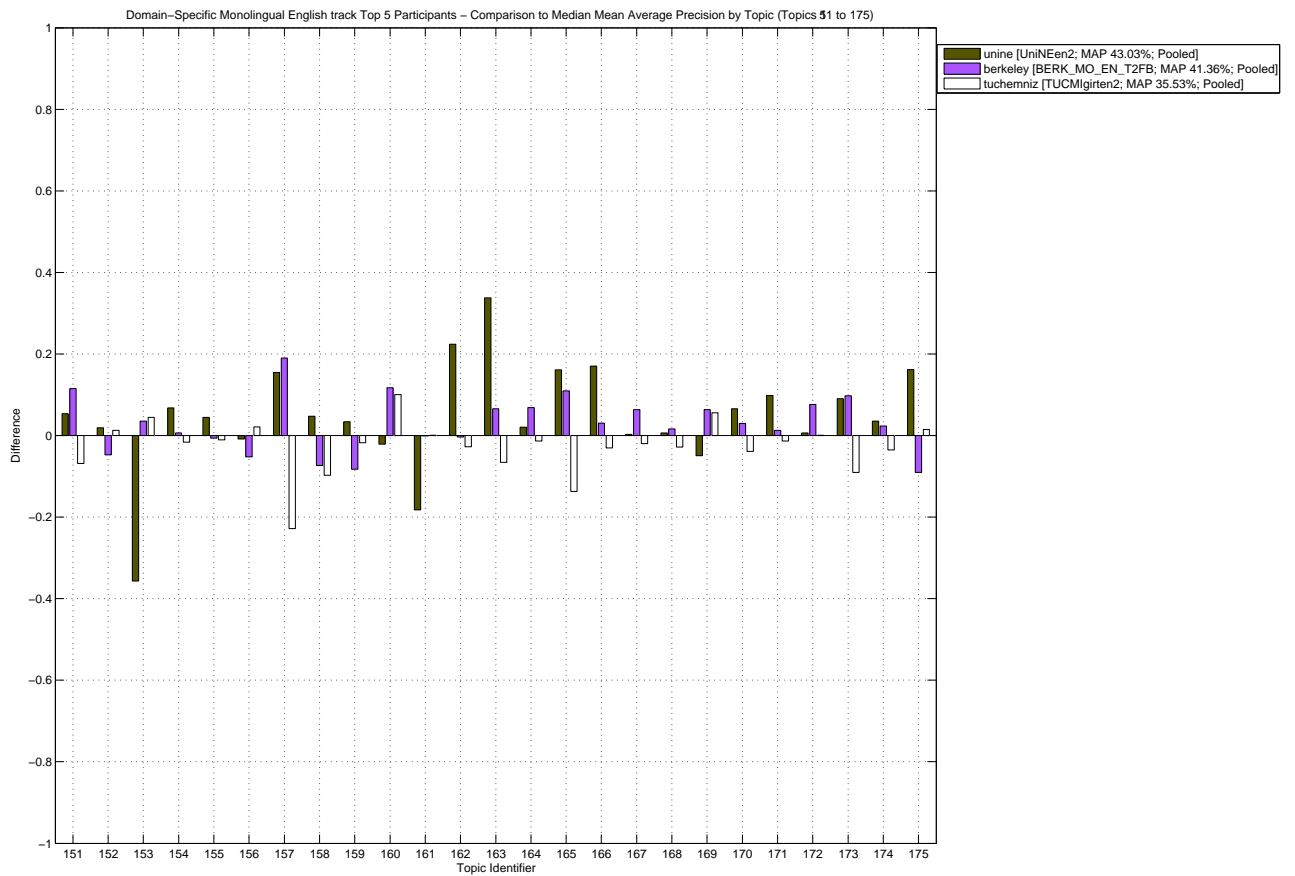
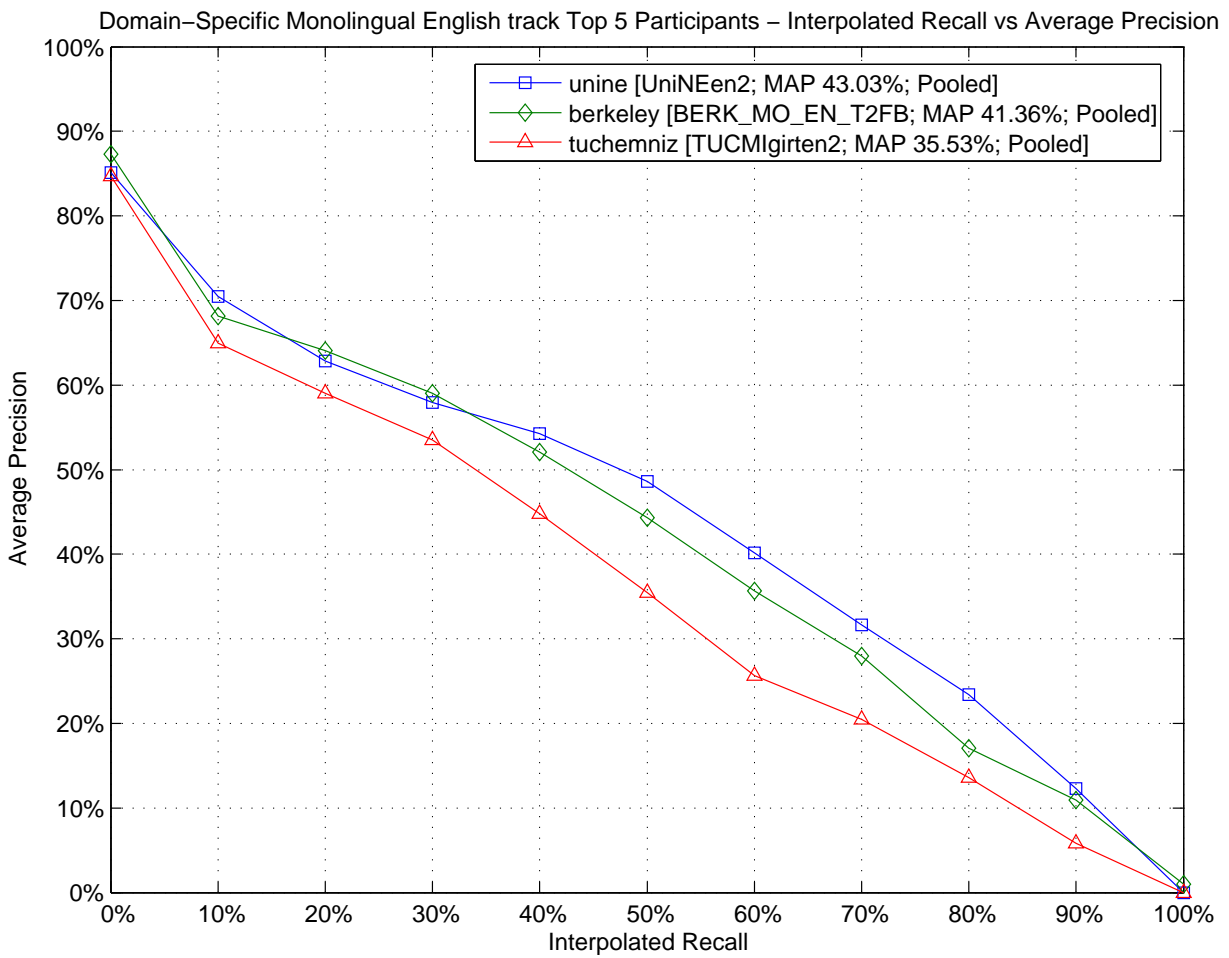


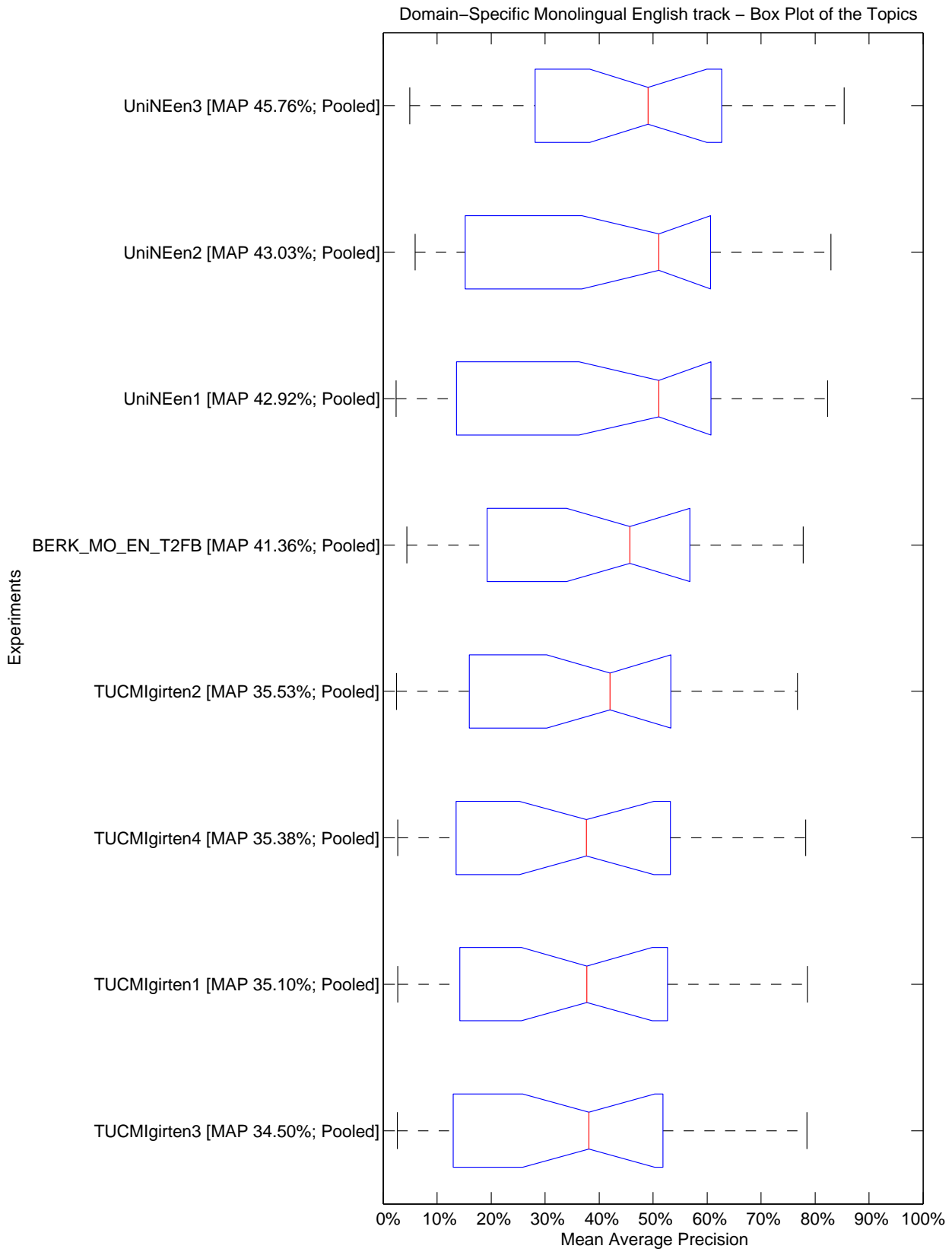
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tuchemnitz	Germany	TUCMlgirten1	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirten2	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirten3	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirten4	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
unine	Switzerland	UniNEen1	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
unine	Switzerland	UniNEen2	DS-MONO-EN-CLEF2006	en	TD	AUTOMATIC	yes
unine	Switzerland	UniNEen3	DS-MONO-EN-CLEF2006	en	TDN	AUTOMATIC	yes
berkeley	United States	BERK_MO_DE_T2FB	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
hagen	Germany	FUHggynbfl500R	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
hagen	Germany	FUHggynbfl500	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
hagen	Germany	FUHggyydbfl500R	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
hagen	Germany	FUHggyydbfl500	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
hagen	Germany	FUHggyydbfl102	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirtde2	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirtde3	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirtde1	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
tuchemnitz	Germany	TUCMlgirtde4	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
unine	Switzerland	UniNEde1	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
unine	Switzerland	UniNEde2	DS-MONO-DE-CLEF2006	de	TD	AUTOMATIC	yes
unine	Switzerland	UniNEde3	DS-MONO-DE-CLEF2006	de	TDN	AUTOMATIC	yes
berkeley	United States	BERK_MO_RU_T2FB	DS-MONO-RU-CLEF2006	ru	TD	AUTOMATIC	yes
berkeley	United States	BERK_BI_RUEN_T2FB_B	DS-BILI-X2EN-CLEF2006	de	TD	AUTOMATIC	yes
berkeley	United States	BERK_BI_DEEN_T2FB_B	DS-BILI-X2EN-CLEF2006	de	TD	AUTOMATIC	yes
berkeley	United States	BERK_BI_DEEN_T2FB_P	DS-BILI-X2EN-CLEF2006	de	TD	AUTOMATIC	yes
berkeley	United States	BERK_BI_ENDE_T2FB_B	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
hagen	Germany	FUHegpyynl500	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
hagen	Germany	FUHegpyydl500	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
hagen	Germany	FUHegpyynl102	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
hagen	Germany	FUHegpyydl102	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
hagen	Germany	FUHegpyydl500R	DS-BILI-X2DE-CLEF2006	en	TD	AUTOMATIC	yes
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berkeley	United States	BERK_BI_ENRU_T2FB_B	DS-BILI-X2RU-CLEF2006	de	TD	AUTOMATIC	yes
berkeley	United States	BERK_BI_DERU_T2FB_P	DS-BILI-X2RU-CLEF2006	de	TD	AUTOMATIC	yes
berkeley	United States	BERK_MU_DE_T2FB_B_CMBZ	DS-MULTI-CLEF2006	de	TD	AUTOMATIC	no
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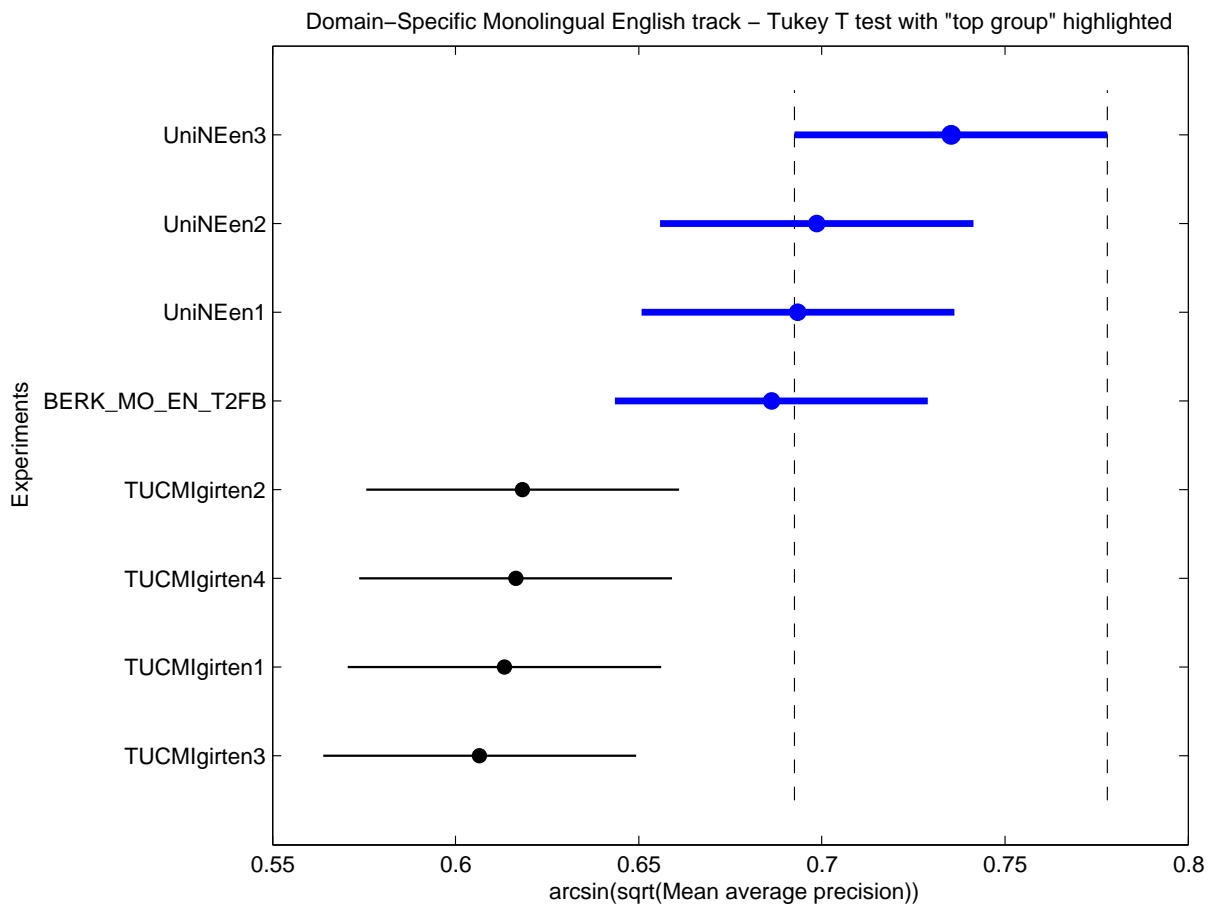


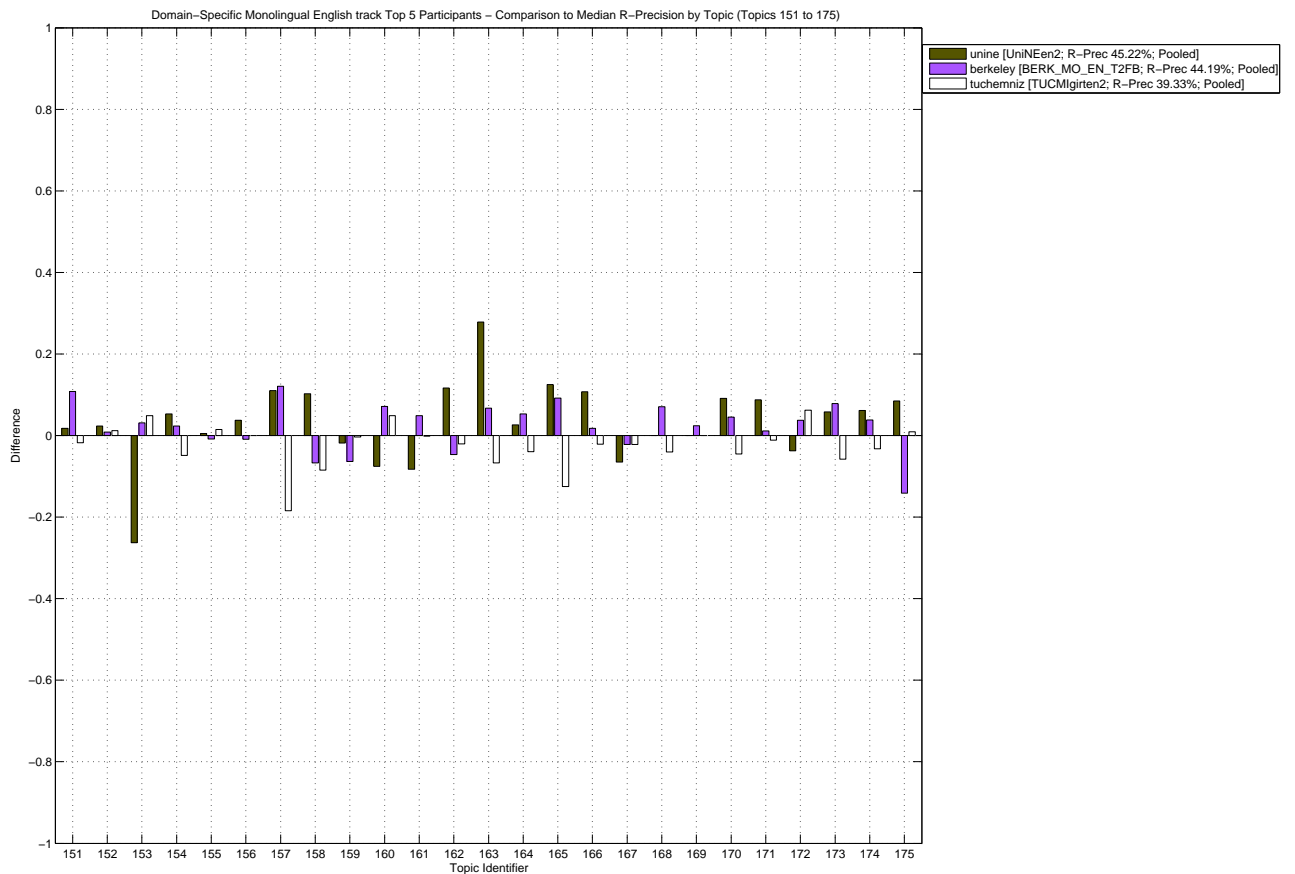
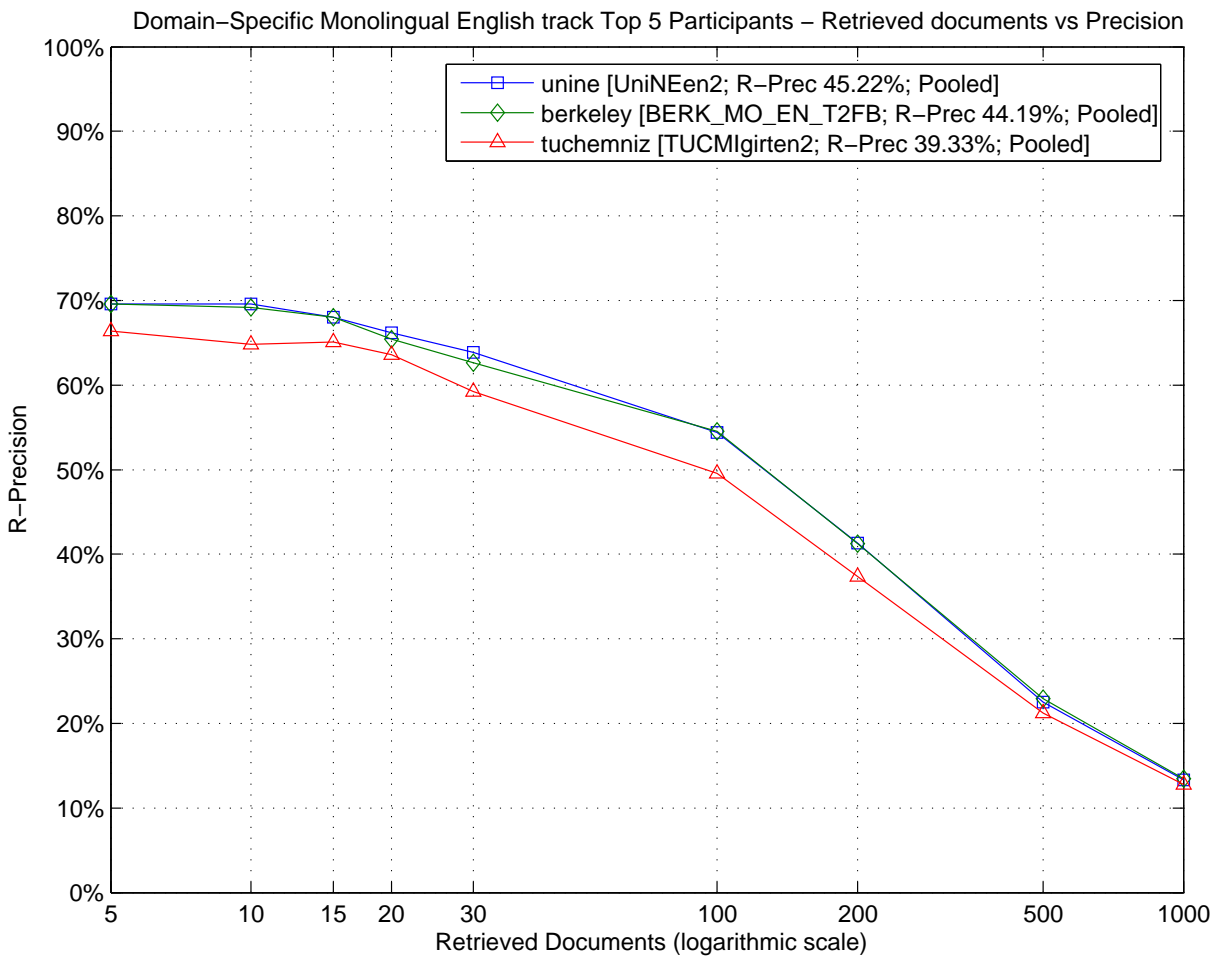
## **Track Overview Results and Graphs**





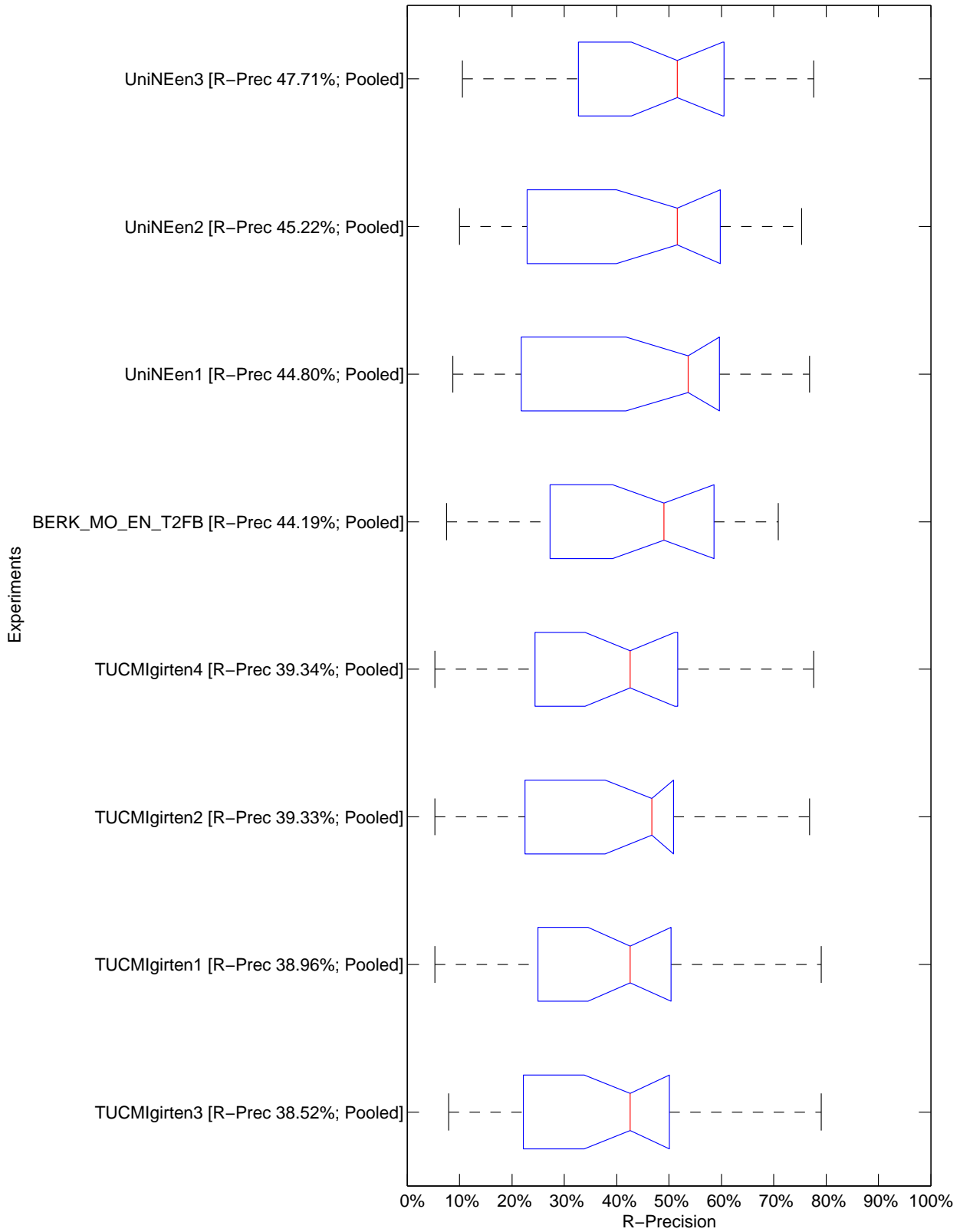




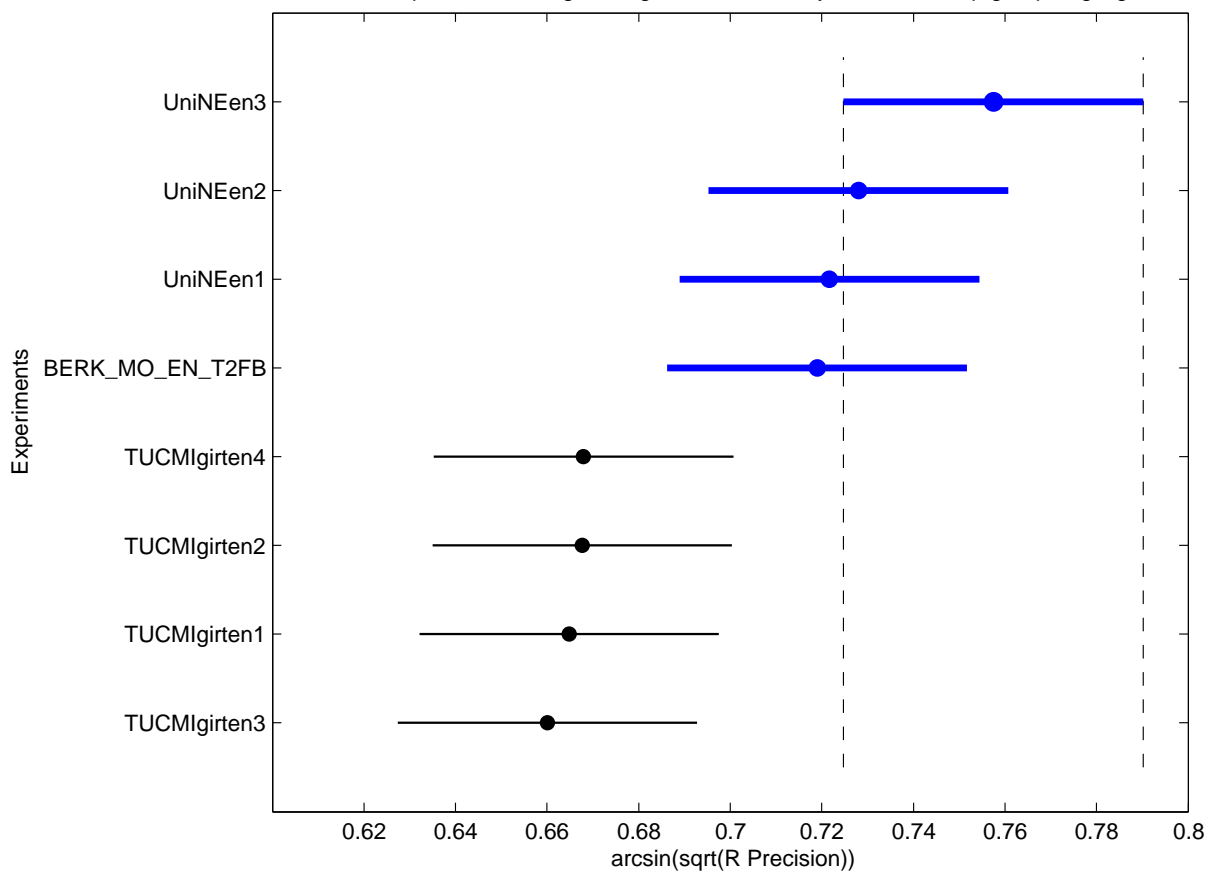




Domain-Specific Monolingual English track – Box Plot of the Topics

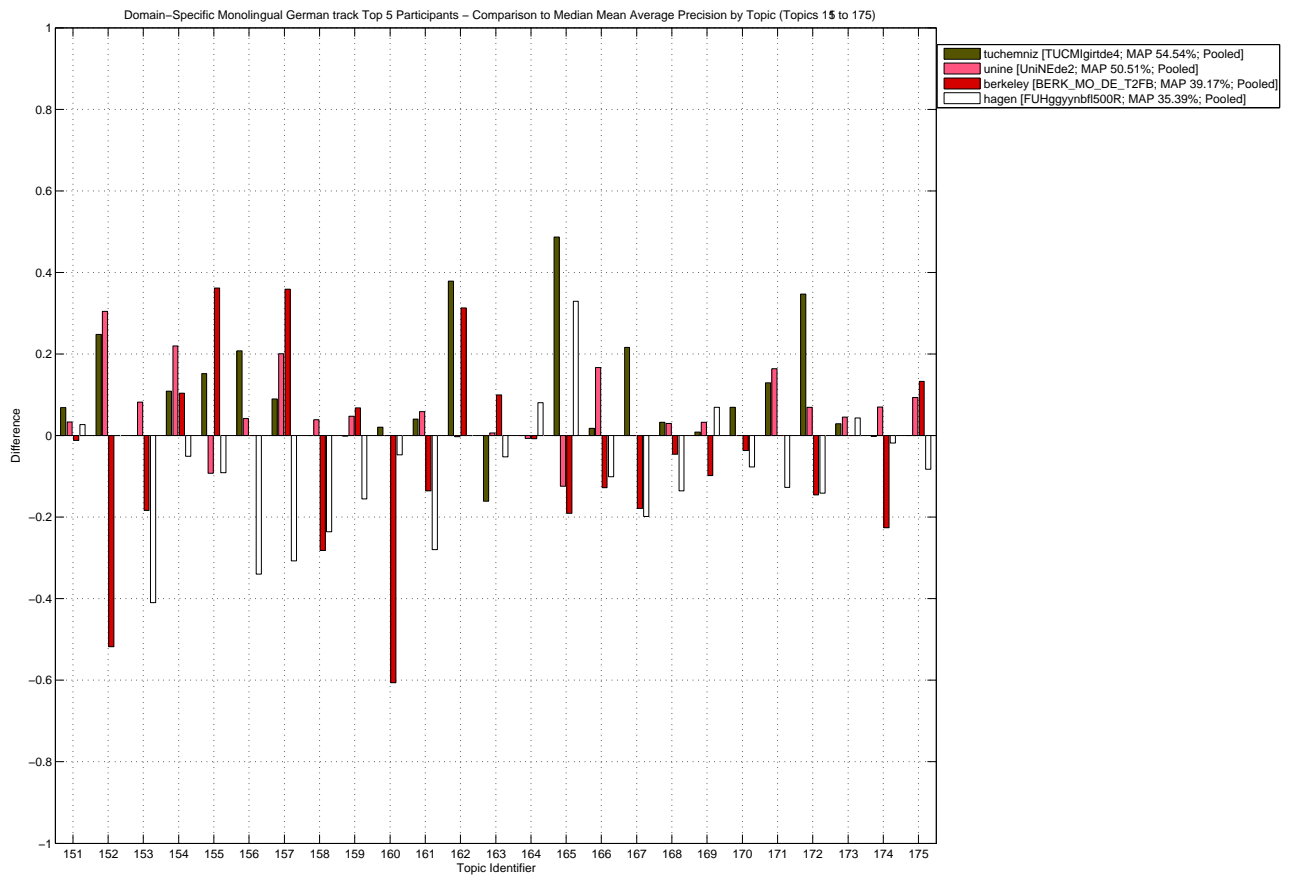
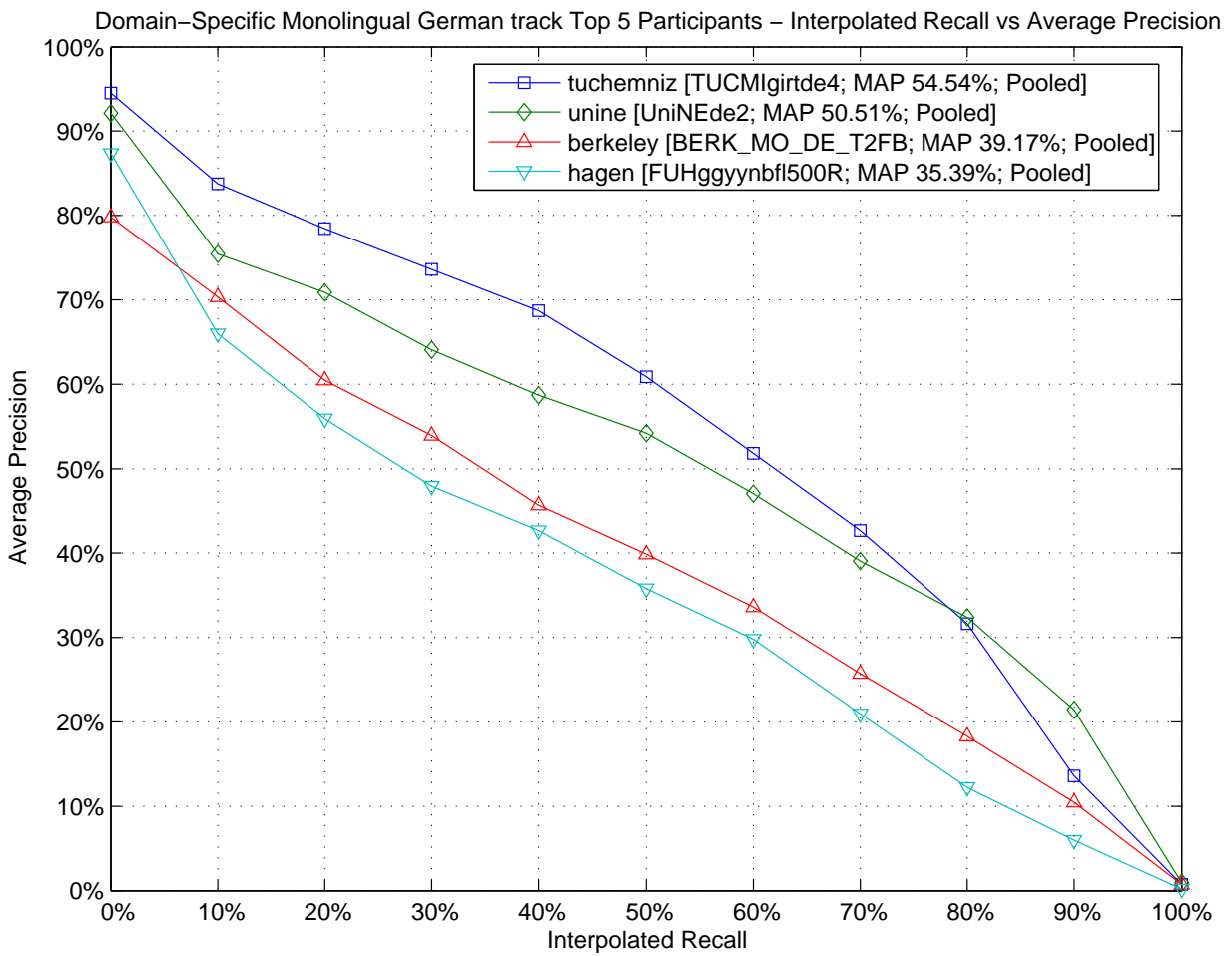


Domain-Specific Monolingual English track – Tukey T test with "top group" highlighted

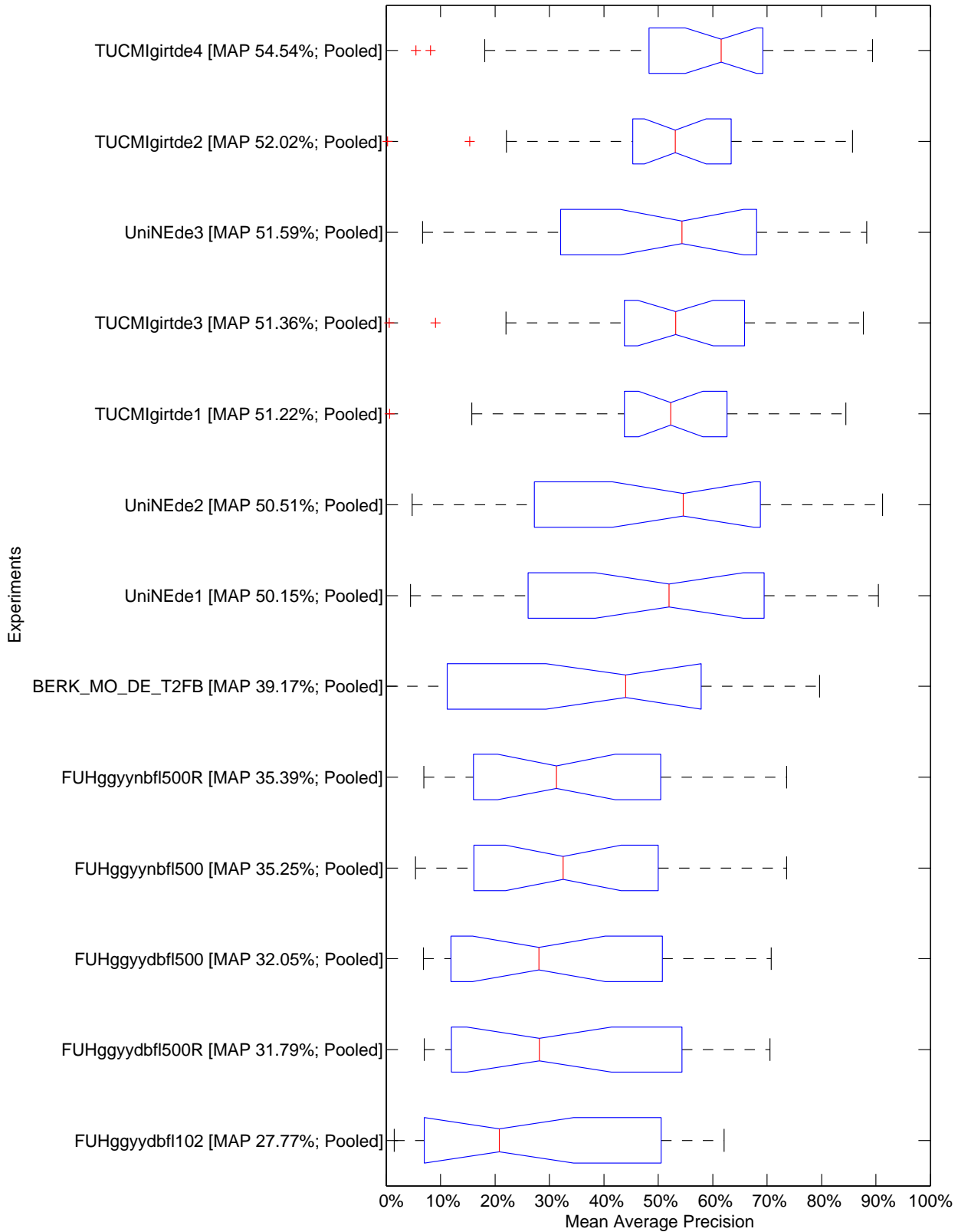


Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.5301	0.5385	0.6126	0.6749	0.7277	0.6137	0.0799	0.5255	0.5392	0.5706	0.6039	0.6784	0.5789	0.0509
152	0.4910	0.5540	0.5794	0.5933	0.5982	0.5678	0.0374	0.5308	0.5557	0.5718	0.5821	0.5953	0.5682	0.0205
153	0.0240	0.2221	0.4218	0.4419	0.4660	0.3327	0.1800	0.1246	0.2889	0.4360	0.4550	0.4844	0.3711	0.1398
154	0.7148	0.7193	0.7313	0.8031	0.8169	0.7548	0.0446	0.6059	0.6208	0.6716	0.7331	0.7458	0.6753	0.0581
155	0.4624	0.4852	0.4936	0.5475	0.6294	0.5180	0.0545	0.5033	0.5148	0.5214	0.5411	0.5757	0.5292	0.0232
156	0.4629	0.4982	0.5156	0.5251	0.5368	0.5097	0.0235	0.4811	0.4953	0.5000	0.5377	0.5943	0.5177	0.0372
157	0.1361	0.1995	0.3646	0.5440	0.5546	0.3634	0.1909	0.2211	0.2895	0.4053	0.5211	0.5368	0.3987	0.1358
158	0.1369	0.1851	0.2706	0.3241	0.3407	0.2547	0.0780	0.2232	0.2679	0.3438	0.4420	0.4643	0.3493	0.0975
159	0.7024	0.7750	0.7854	0.8179	0.8233	0.7853	0.0392	0.7090	0.7612	0.7724	0.7836	0.7910	0.7668	0.0264
160	0.1178	0.1495	0.1803	0.2441	0.2979	0.1954	0.0649	0.2264	0.2566	0.3170	0.3642	0.3887	0.3113	0.0609
161	0.3272	0.3741	0.5096	0.5139	0.5182	0.4551	0.0818	0.4042	0.4278	0.4869	0.4934	0.5354	0.4695	0.0448
162	0.2590	0.2810	0.2869	0.4999	0.5108	0.3632	0.1167	0.3514	0.3802	0.3978	0.4968	0.5144	0.4269	0.0646
163	0.1435	0.1522	0.2294	0.5686	0.5885	0.3291	0.2096	0.2535	0.2570	0.3275	0.5915	0.6268	0.4040	0.1719
164	0.0251	0.0268	0.0383	0.0565	0.1069	0.0469	0.0279	0.0526	0.0526	0.0921	0.1250	0.1447	0.0921	0.0379
165	0.5158	0.5372	0.6682	0.8141	0.8538	0.6761	0.1505	0.4833	0.5000	0.6083	0.7250	0.7667	0.6146	0.1242
166	0.4457	0.4667	0.5062	0.6424	0.6762	0.5441	0.0954	0.4805	0.4922	0.5137	0.6094	0.6328	0.5430	0.0639
167	0.0604	0.0674	0.0805	0.1137	0.2134	0.0996	0.0529	0.0870	0.1522	0.1957	0.2174	0.2174	0.1793	0.0490
168	0.0949	0.1140	0.1231	0.1344	0.1425	0.1226	0.0157	0.1515	0.1667	0.1919	0.1919	0.2626	0.1894	0.0345
169	0.0600	0.0849	0.1160	0.1641	0.1795	0.1212	0.0452	0.1190	0.1429	0.1429	0.1667	0.2381	0.1577	0.0359
170	0.2454	0.2501	0.2846	0.3406	0.3686	0.2956	0.0511	0.3182	0.3182	0.4091	0.5000	0.5000	0.4091	0.0876
171	0.4122	0.4224	0.4444	0.5485	0.5865	0.4787	0.0707	0.4670	0.4808	0.5000	0.5824	0.5989	0.5240	0.0546
172	0.0792	0.0873	0.0996	0.1222	0.1762	0.1092	0.0326	0.1000	0.1125	0.1375	0.1625	0.2000	0.1406	0.0352
173	0.3770	0.3792	0.5106	0.6084	0.6391	0.5015	0.1217	0.4256	0.4256	0.5248	0.5992	0.6033	0.5160	0.0869
174	0.5511	0.5624	0.5867	0.6135	0.6219	0.5873	0.0292	0.5731	0.5760	0.6053	0.6404	0.6667	0.6104	0.0381
175	0.0442	0.1100	0.1349	0.2742	0.3045	0.1734	0.0978	0.0755	0.1887	0.2170	0.2925	0.3019	0.2217	0.0766
<b>ALL</b>	<b>0.3450</b>	<b>0.3524</b>	<b>0.3845</b>	<b>0.4297</b>	<b>0.4576</b>	<b>0.3920</b>	<b>0.0452</b>	<b>0.3852</b>	<b>0.3915</b>	<b>0.4177</b>	<b>0.4501</b>	<b>0.4771</b>	<b>0.4226</b>	<b>0.0360</b>

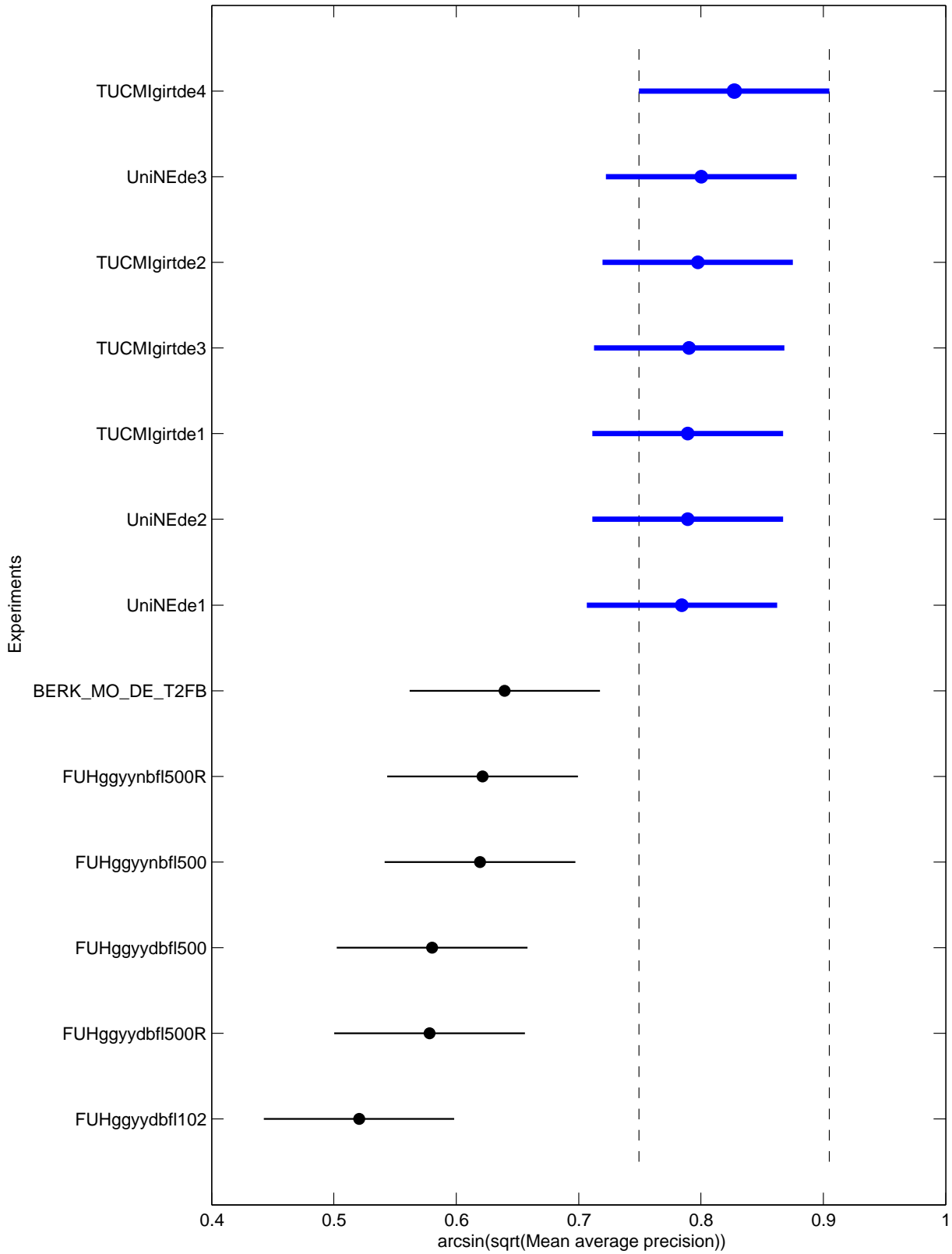


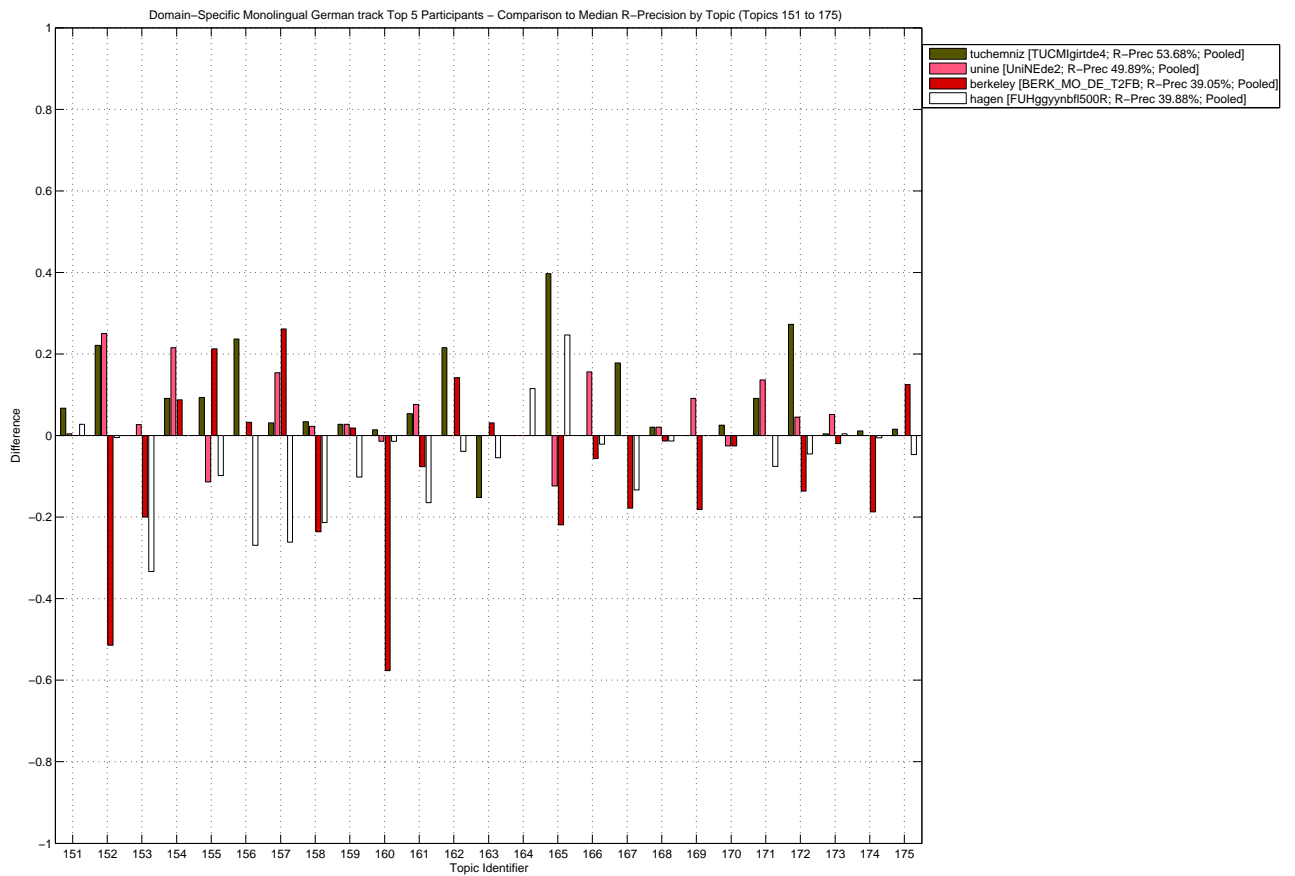
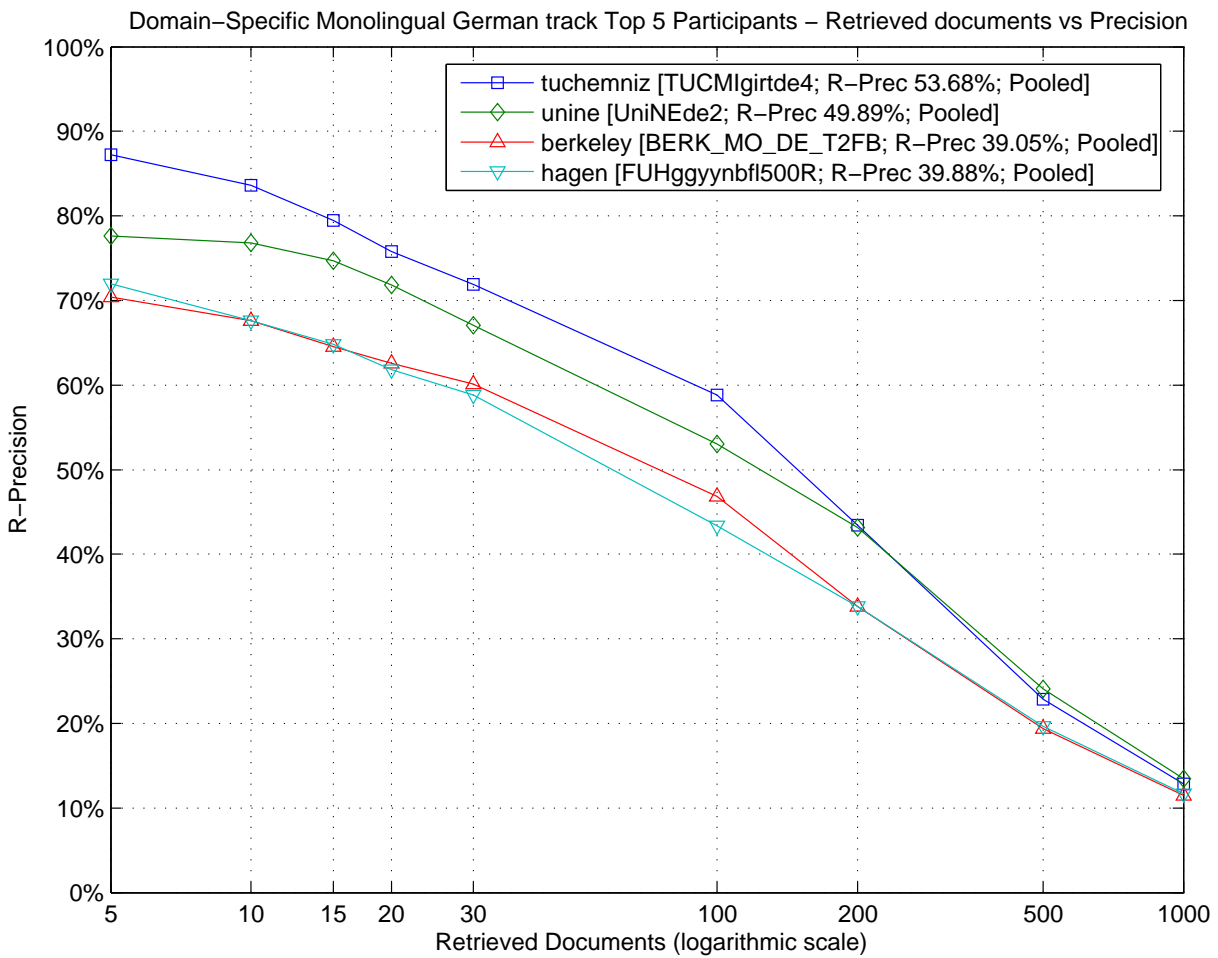


Domain-Specific Monolingual German track – Box Plot of the Topics



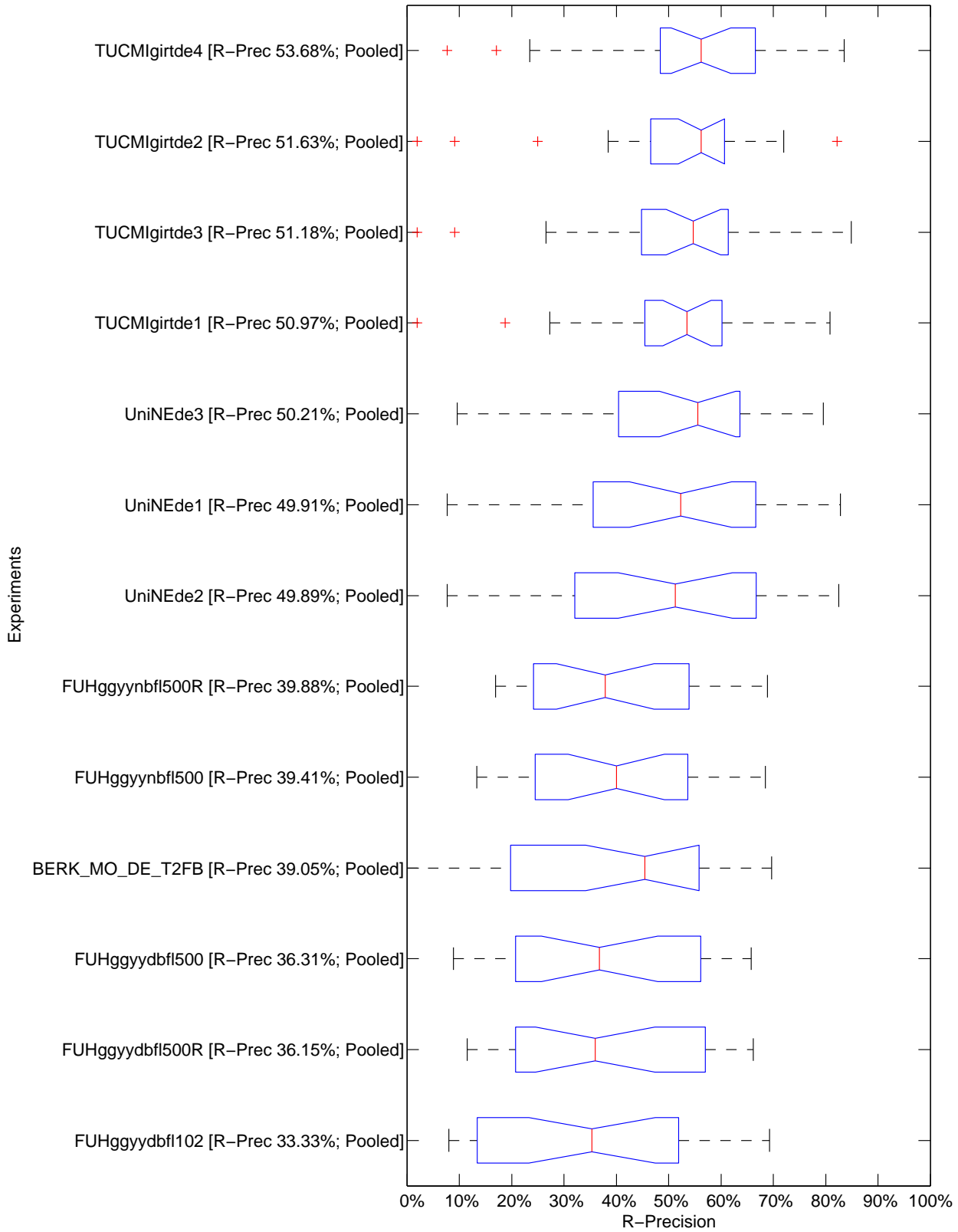
Domain-Specific Monolingual German track – Tukey T test with "top group" highlighted

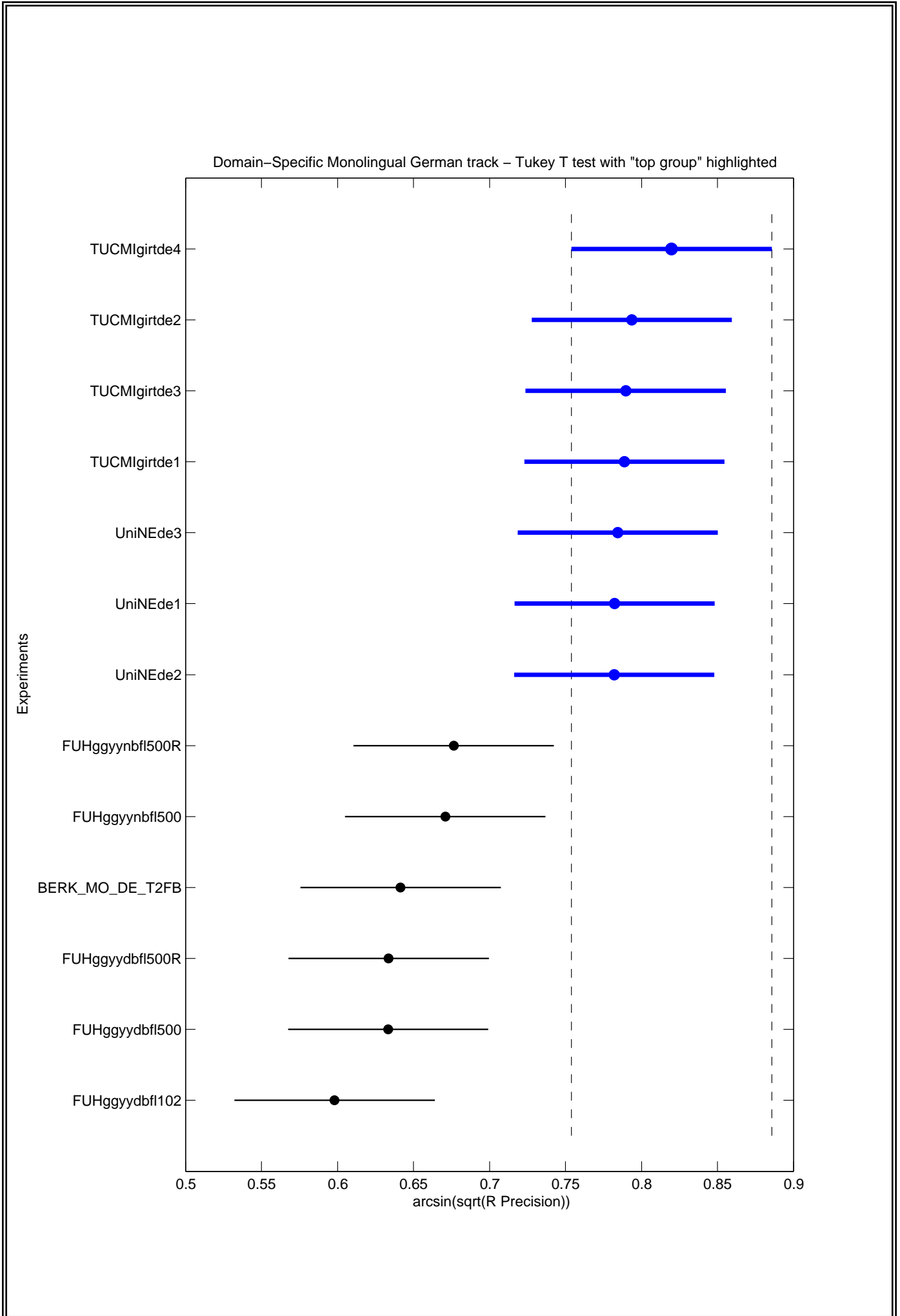






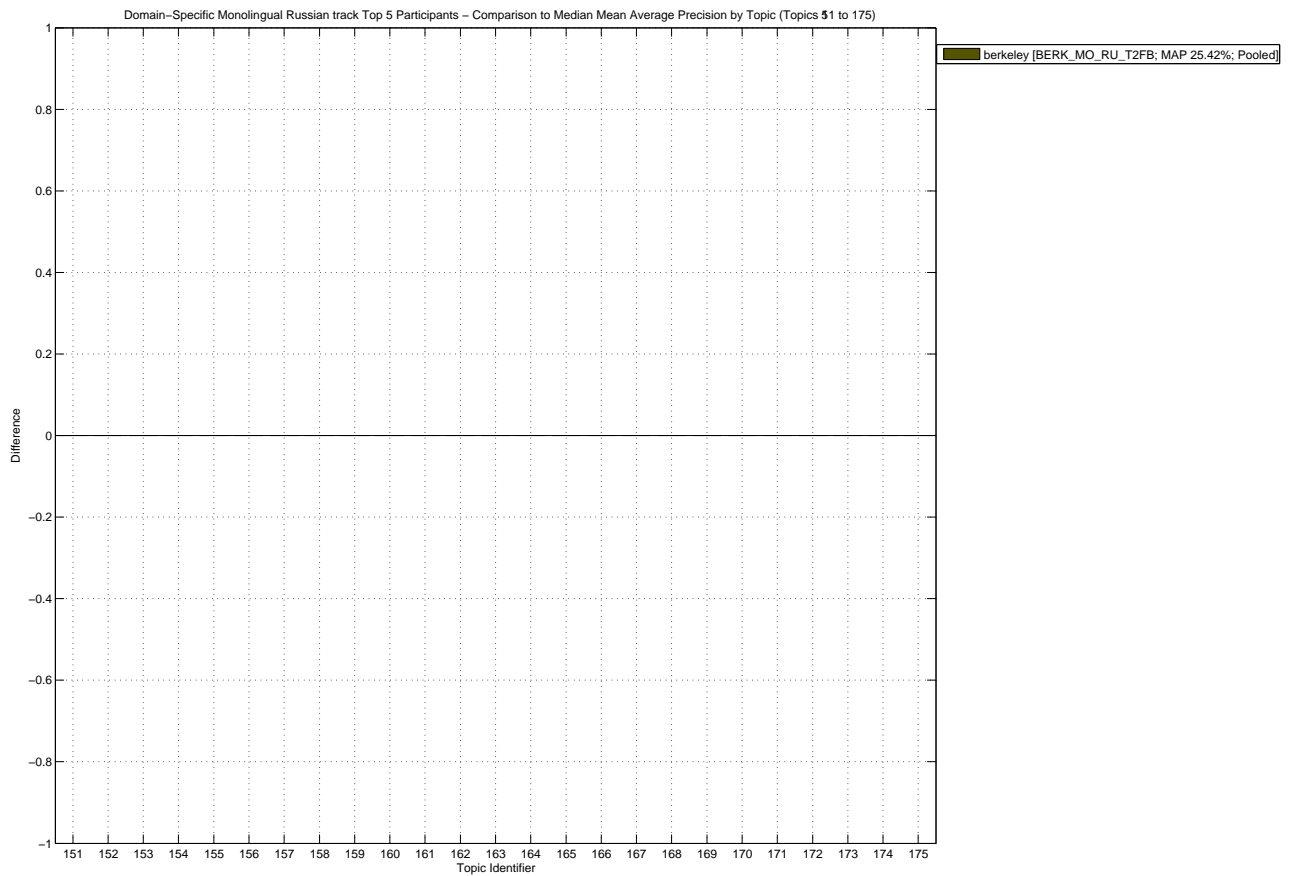
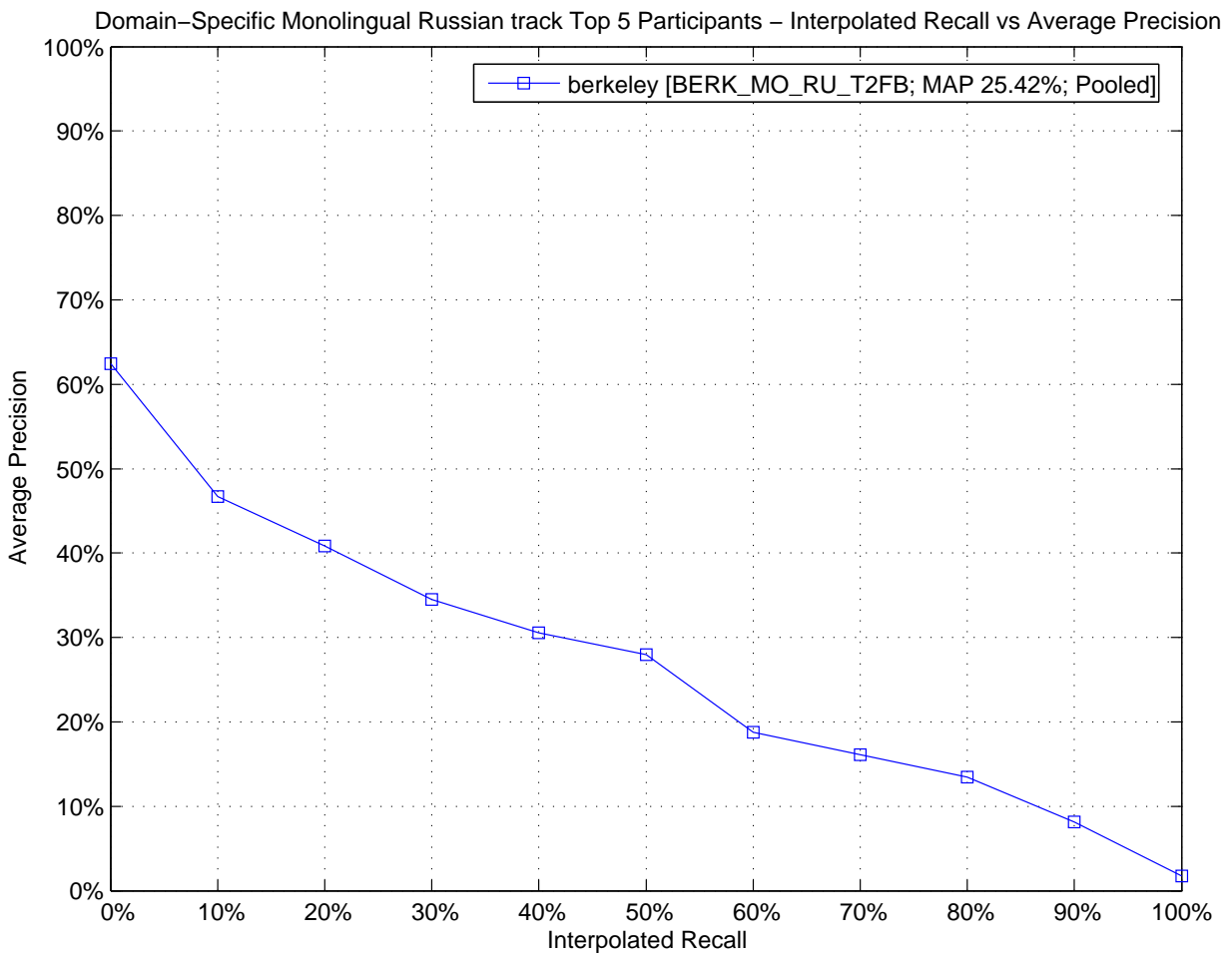
Domain-Specific Monolingual German track – Box Plot of the Topics



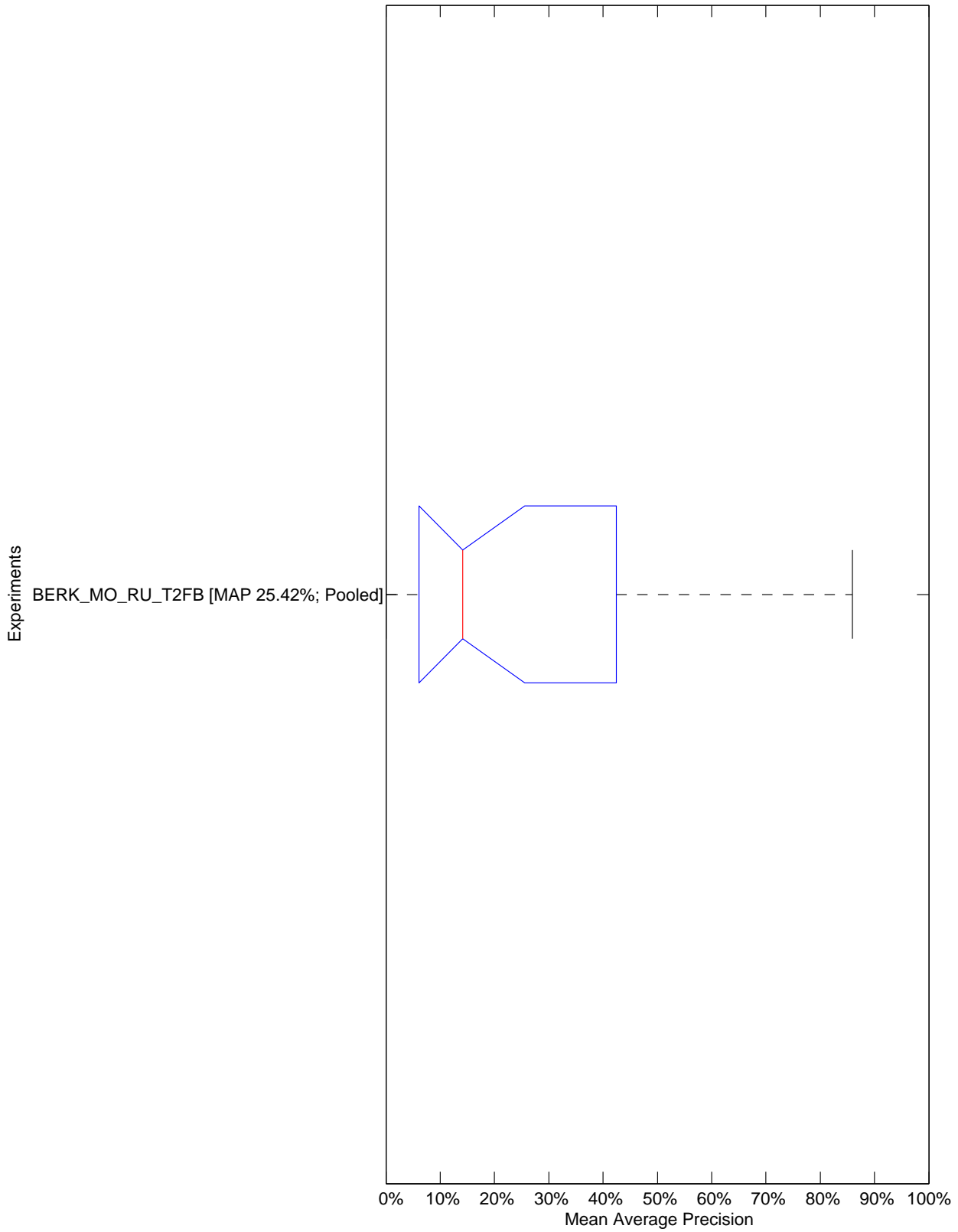


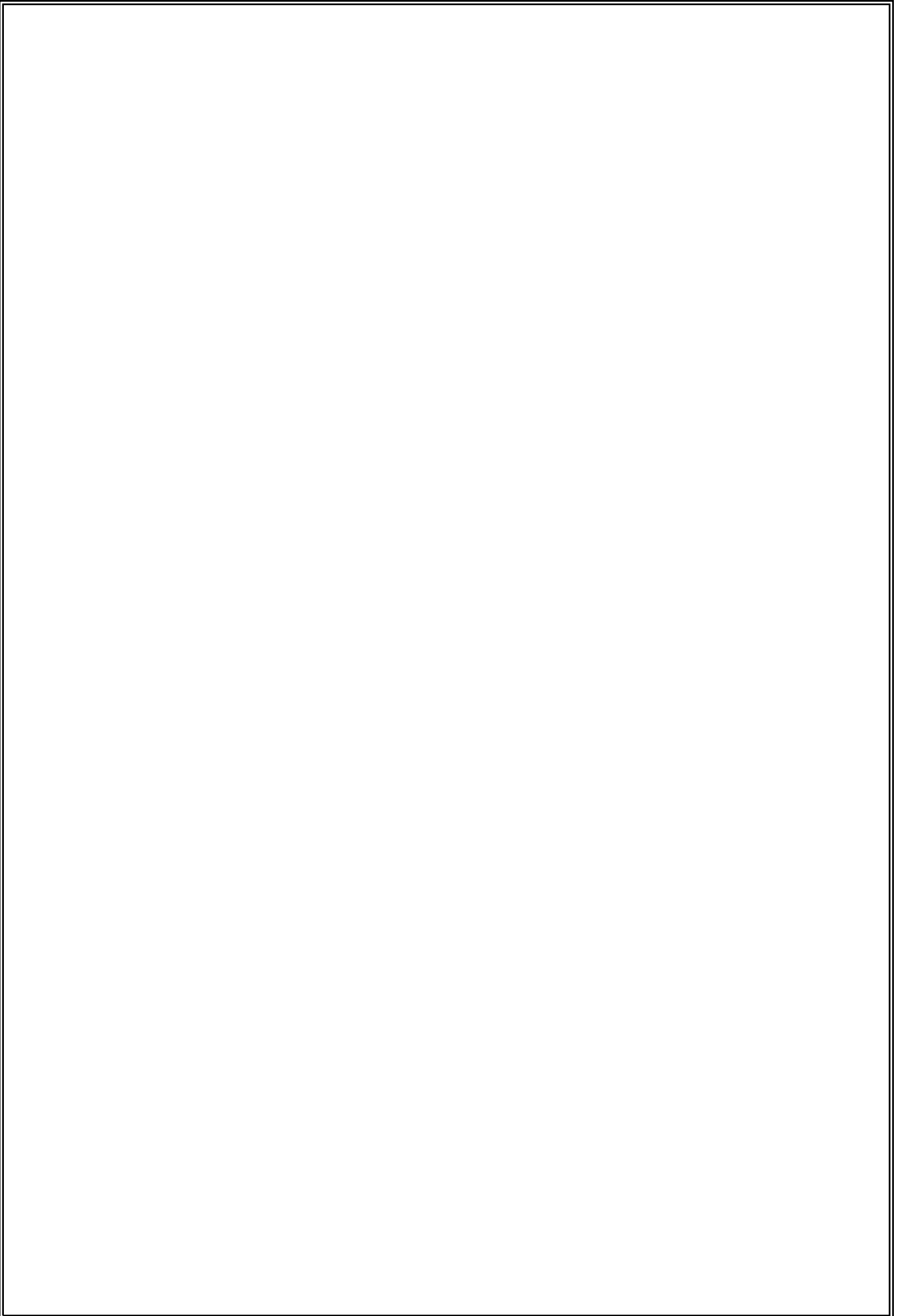
Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.5696	0.5942	0.7077	0.7414	0.7793	0.6869	0.0789	0.5433	0.5738	0.6614	0.6860	0.7283	0.6405	0.0618
152	0.0000	0.0940	0.5175	0.7677	0.8219	0.4786	0.3148	0.0000	0.1514	0.5144	0.7212	0.7644	0.4704	0.2760
153	0.0547	0.3590	0.7169	0.7767	0.7991	0.5688	0.2496	0.0800	0.3933	0.7067	0.7333	0.7333	0.5569	0.2109
154	0.5048	0.6241	0.6928	0.8218	0.9124	0.7172	0.1323	0.5766	0.5922	0.6095	0.7245	0.8285	0.6628	0.0962
155	0.2172	0.2487	0.3405	0.4714	0.7024	0.3729	0.1409	0.2694	0.3264	0.4249	0.4832	0.6373	0.4205	0.1060
156	0.0148	0.1671	0.4835	0.6820	0.7088	0.4065	0.2504	0.0968	0.2204	0.4409	0.6183	0.6774	0.3970	0.2029
157	0.1087	0.1360	0.4364	0.5551	0.7954	0.3862	0.2357	0.1692	0.2231	0.4308	0.5615	0.6923	0.3964	0.1793
158	0.0472	0.1123	0.4022	0.4657	0.5731	0.3088	0.1972	0.1348	0.2163	0.4719	0.5225	0.5843	0.3760	0.1764
159	0.4679	0.5499	0.6237	0.6648	0.6916	0.6017	0.0793	0.4907	0.5625	0.5926	0.6134	0.6667	0.5833	0.0517
160	0.0000	0.5538	0.6059	0.6272	0.7348	0.5577	0.1755	0.0000	0.5608	0.5764	0.5920	0.6736	0.5342	0.1650
161	0.0667	0.3112	0.6549	0.7237	0.7678	0.5097	0.2677	0.1329	0.3884	0.6076	0.6748	0.6962	0.5131	0.2025
162	0.1412	0.2328	0.2476	0.5252	0.6260	0.3533	0.1670	0.2198	0.3233	0.4009	0.5453	0.6164	0.4294	0.1250
163	0.0816	0.1436	0.2428	0.2999	0.3423	0.2247	0.0856	0.1712	0.2646	0.3230	0.4047	0.4202	0.3161	0.0787
164	0.0028	0.0350	0.0551	0.1230	0.1648	0.0728	0.0549	0.0192	0.0625	0.0769	0.1298	0.1923	0.0962	0.0608
165	0.2164	0.3335	0.4068	0.8478	0.8938	0.5546	0.2677	0.2192	0.3938	0.4384	0.8116	0.8493	0.5616	0.2241
166	0.4046	0.5228	0.6009	0.6500	0.7680	0.5956	0.1030	0.4274	0.5343	0.5618	0.6257	0.7231	0.5769	0.0822
167	0.0538	0.0838	0.2680	0.4880	0.5154	0.2735	0.1879	0.0889	0.1333	0.3111	0.5000	0.5778	0.3162	0.1778
168	0.2078	0.3282	0.4517	0.4860	0.6418	0.4196	0.1129	0.3537	0.4320	0.4490	0.4745	0.5918	0.4589	0.0570
169	0.0661	0.1381	0.1874	0.2207	0.2568	0.1741	0.0609	0.0909	0.0909	0.2727	0.2727	0.3636	0.2238	0.1024
170	0.4124	0.5044	0.5461	0.5894	0.6154	0.5399	0.0578	0.4615	0.5128	0.5385	0.5641	0.5641	0.5325	0.0334
171	0.3133	0.3959	0.4405	0.5724	0.6041	0.4683	0.1001	0.3788	0.4268	0.4545	0.5480	0.5909	0.4821	0.0730
172	0.0701	0.0781	0.2230	0.4543	0.5697	0.2504	0.1930	0.0909	0.1364	0.2273	0.4545	0.5000	0.2657	0.1506
173	0.4795	0.5951	0.6339	0.6770	0.7176	0.6278	0.0637	0.5119	0.5982	0.6230	0.6369	0.6786	0.6187	0.0442
174	0.2557	0.4721	0.4820	0.5281	0.6214	0.4886	0.0865	0.3523	0.5270	0.5398	0.5639	0.6932	0.5424	0.0729
175	0.0708	0.1065	0.1810	0.2701	0.3141	0.1850	0.0833	0.1250	0.1641	0.2188	0.2539	0.3438	0.2127	0.0620
<b>ALL</b>	<b>0.2777</b>	<b>0.3445</b>	<b>0.5015</b>	<b>0.5142</b>	<b>0.5454</b>	<b>0.4329</b>	<b>0.0976</b>	<b>0.3333</b>	<b>0.3836</b>	<b>0.4989</b>	<b>0.5102</b>	<b>0.5368</b>	<b>0.4474</b>	<b>0.0736</b>

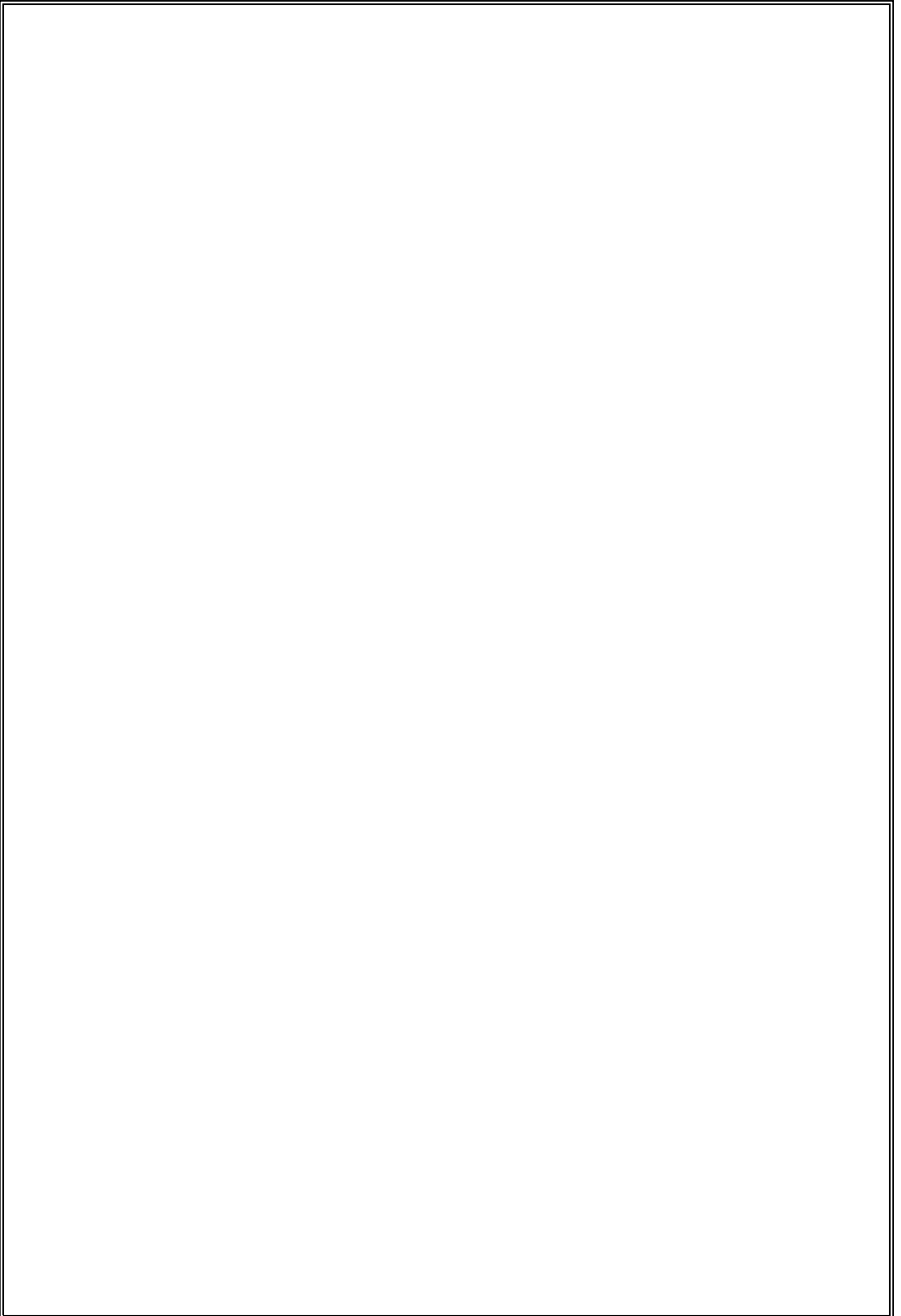




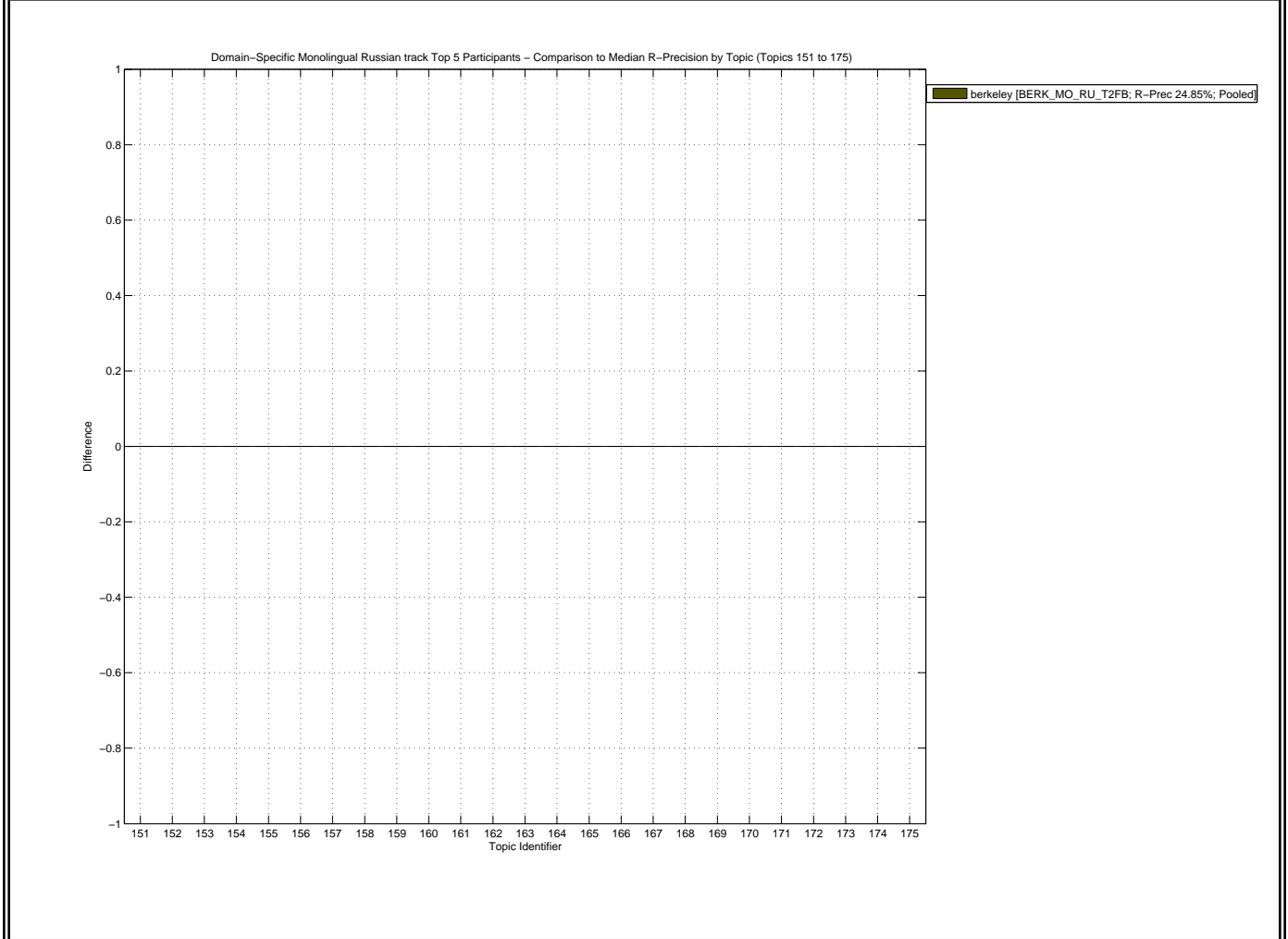
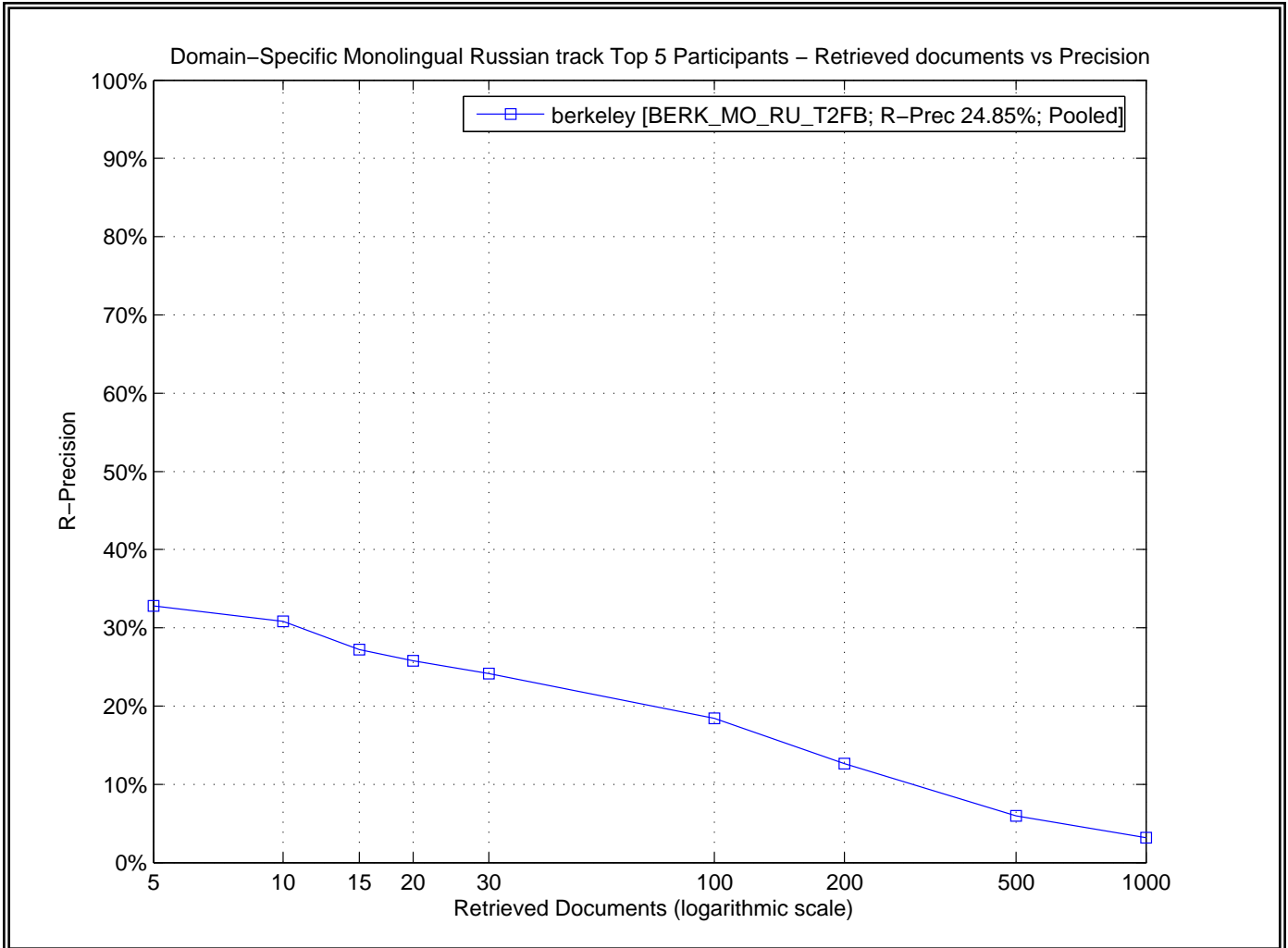
Domain-Specific Monolingual Russian track – Box Plot of the Topics



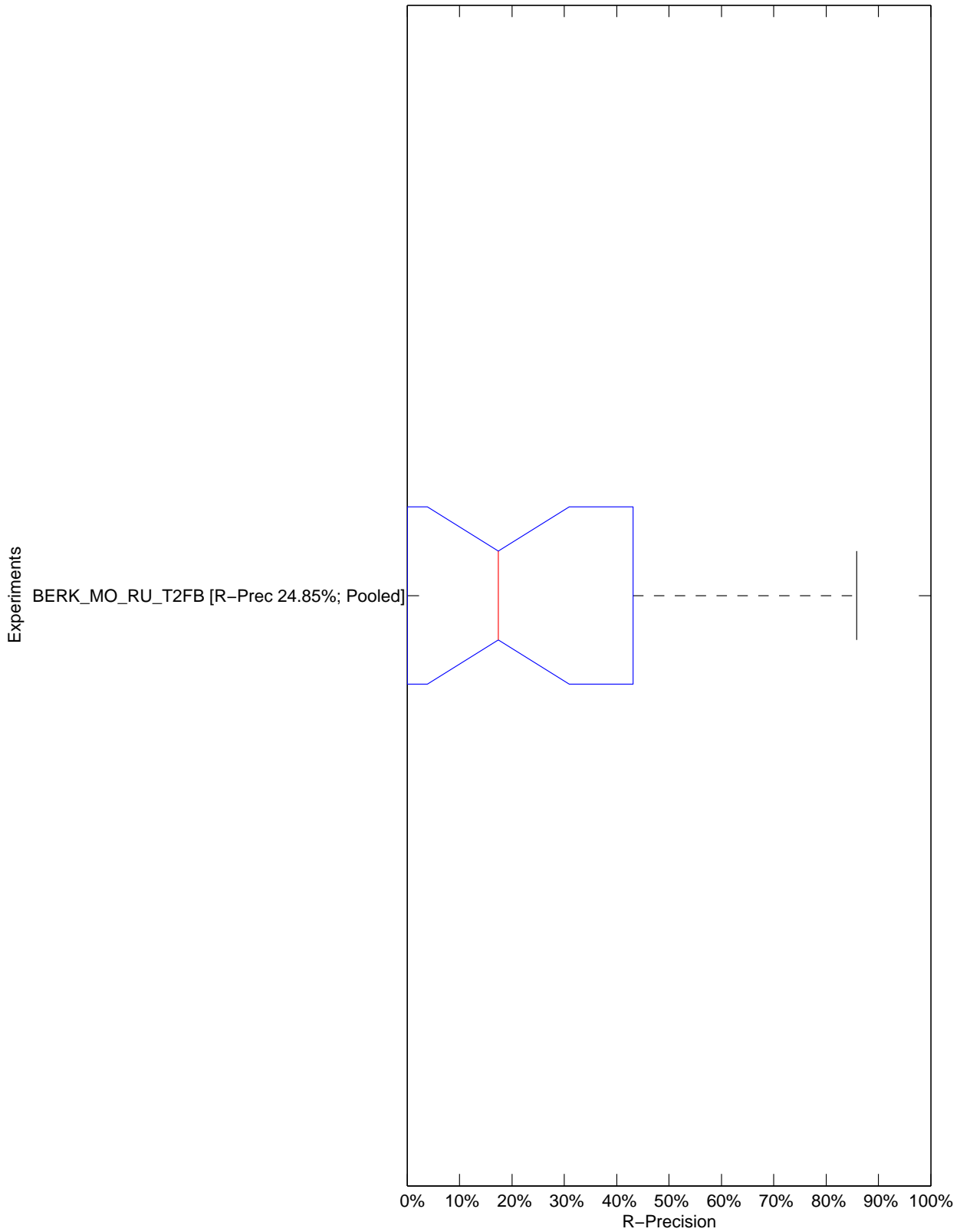


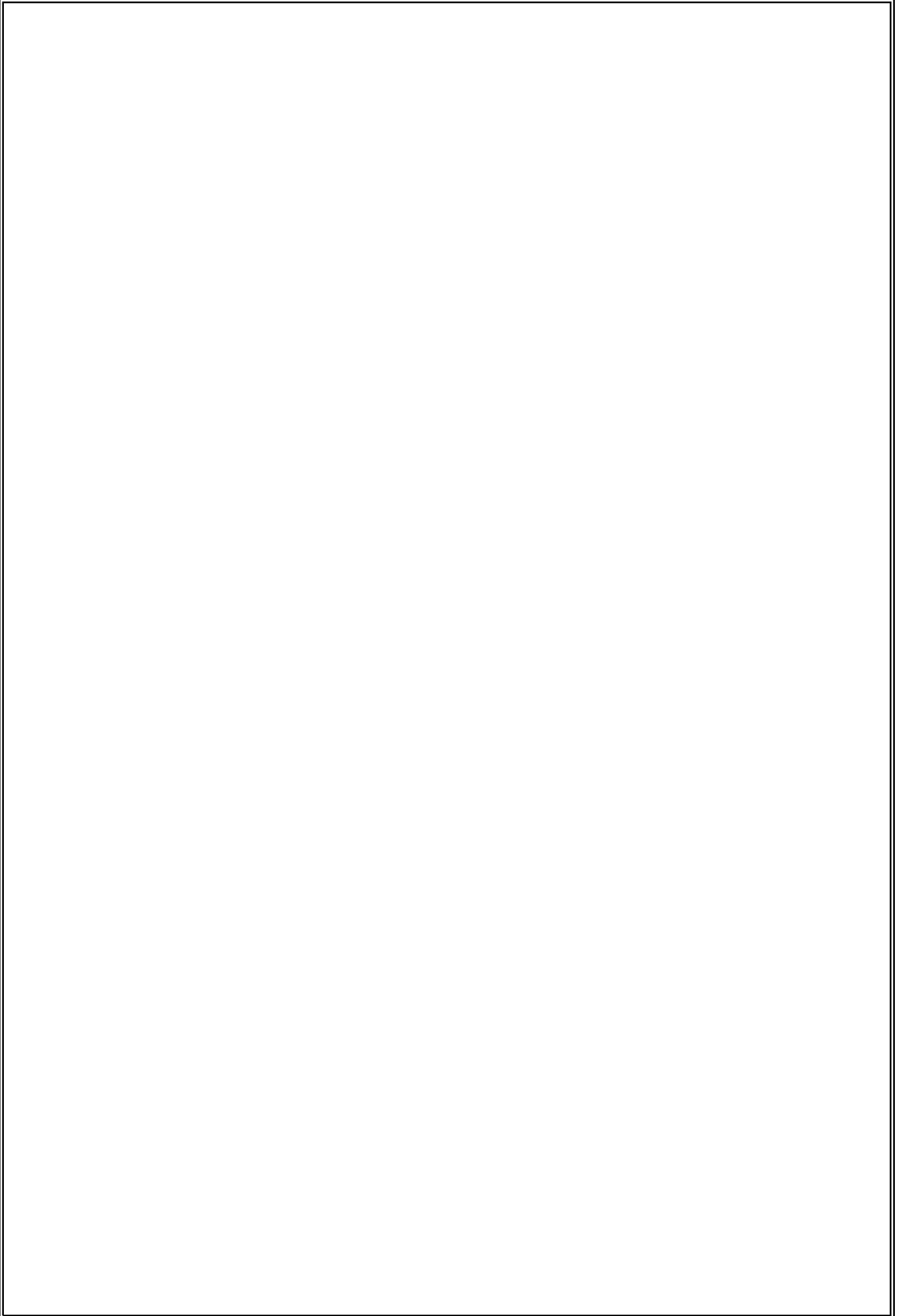


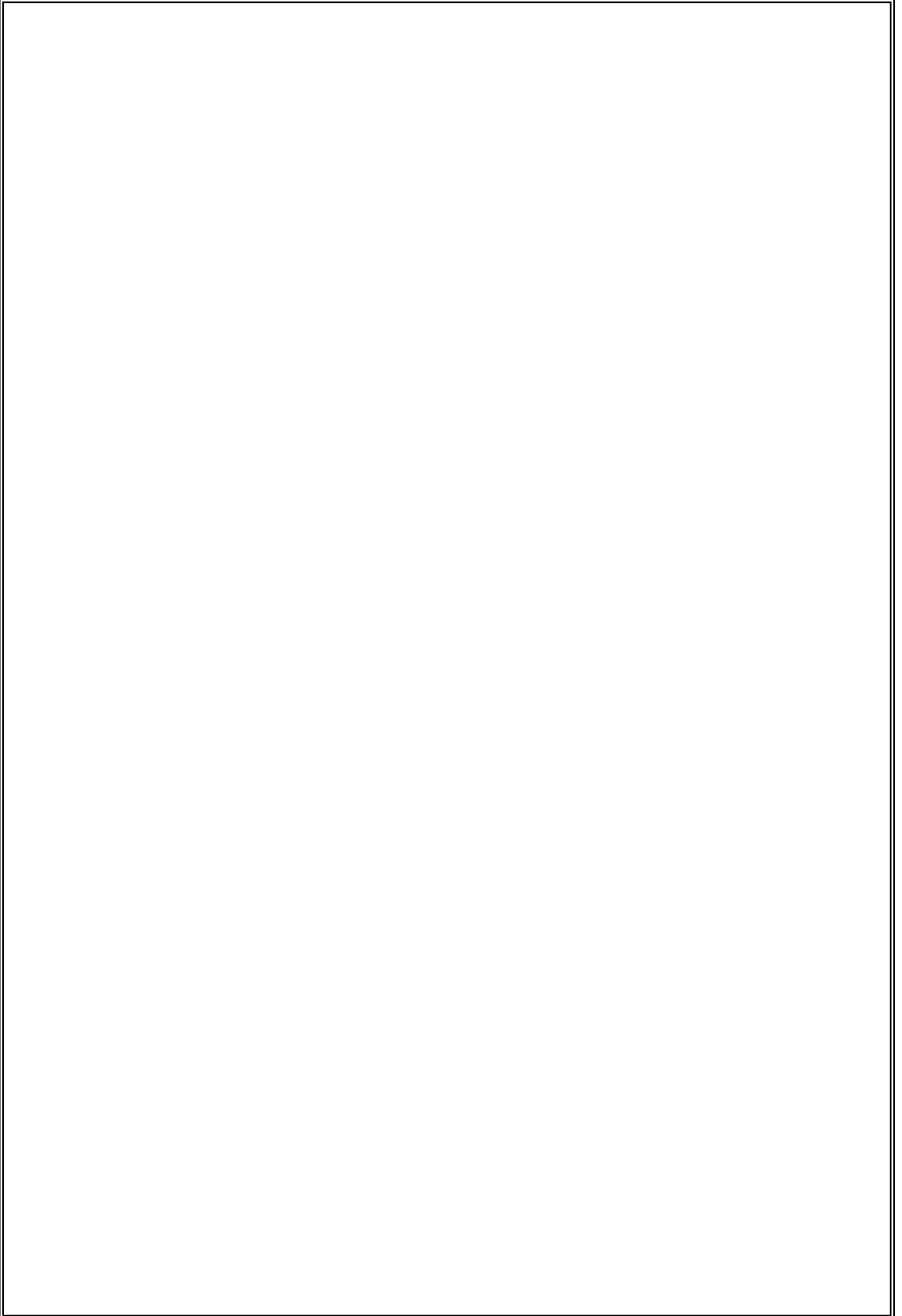




Domain-Specific Monolingual Russian track – Box Plot of the Topics

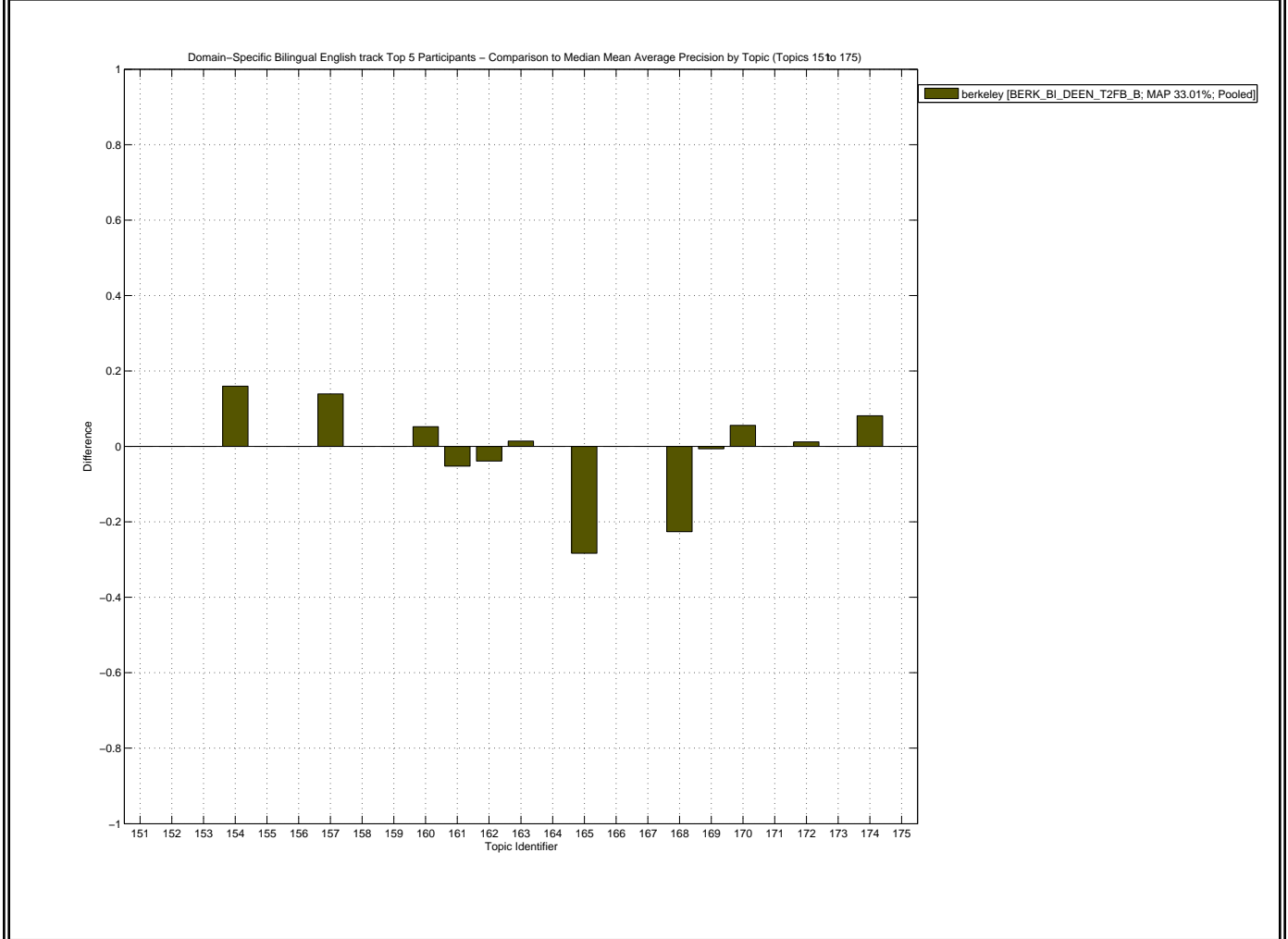
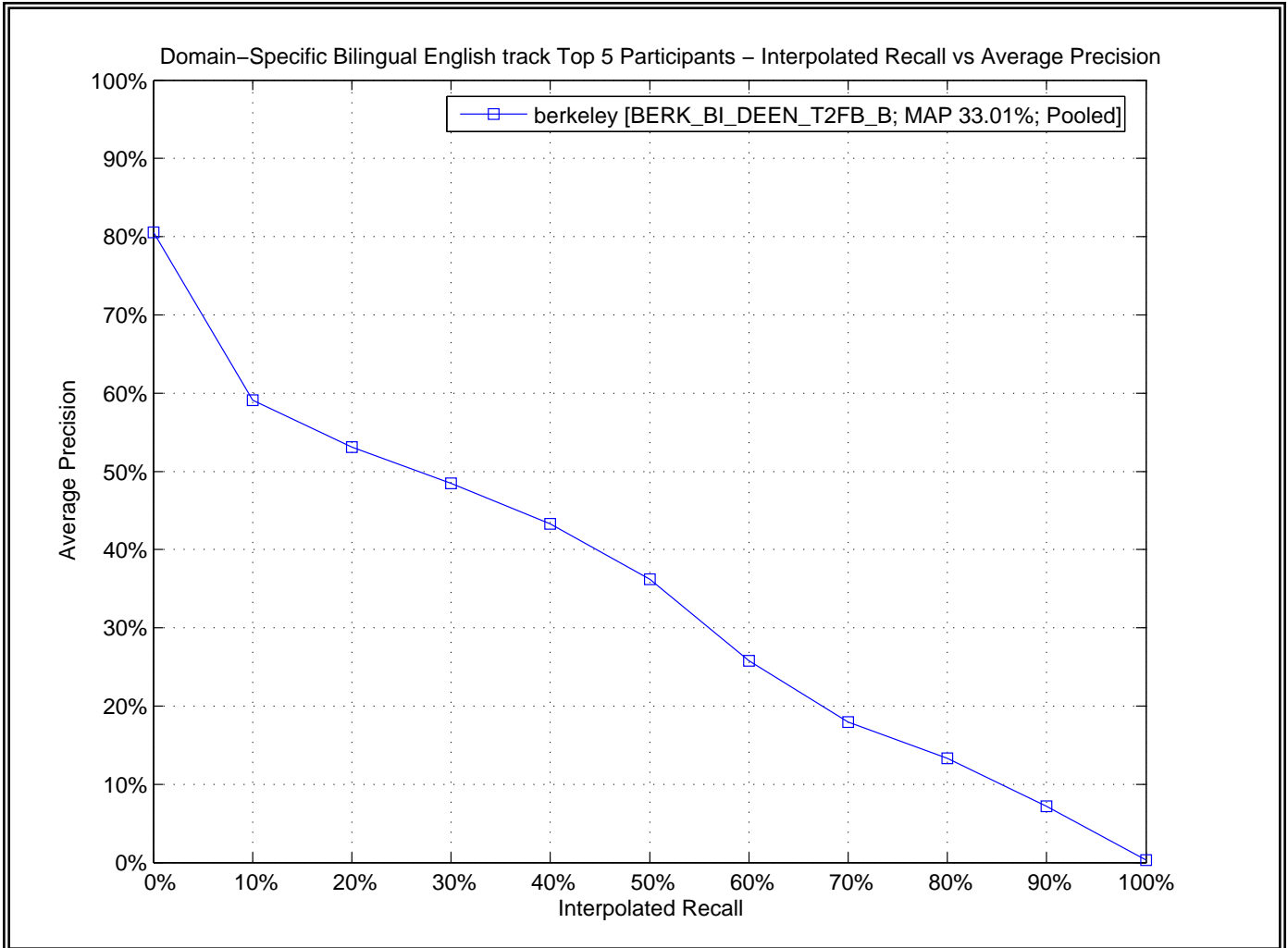




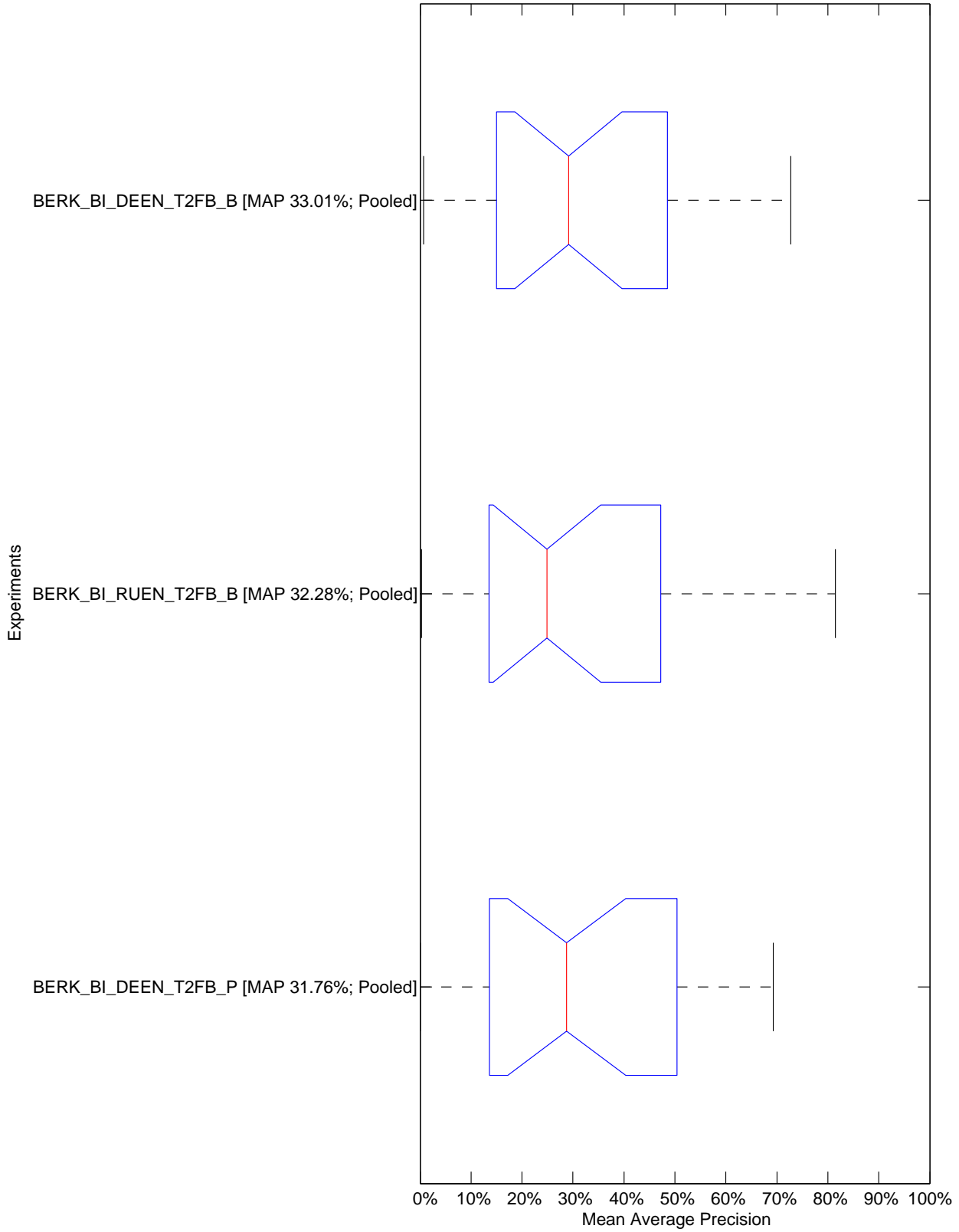


Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.1089	0.1089	0.1089	0.1089	0.1089	0.1089	0.0000	0.1875	0.1875	0.1875	0.1875	0.1875	0.1875	0.0000
152	0.5846	0.5846	0.5846	0.5846	0.5846	0.5846	0.0000	0.5581	0.5581	0.5581	0.5581	0.5581	0.5581	0.0000
153	0.1418	0.1418	0.1418	0.1418	0.1418	0.1418	0.0000	0.1739	0.1739	0.1739	0.1739	0.1739	0.1739	0.0000
154	0.0617	0.0617	0.0617	0.0617	0.0617	0.0617	0.0000	0.1212	0.1212	0.1212	0.1212	0.1212	0.1212	0.0000
155	0.2149	0.2149	0.2149	0.2149	0.2149	0.2149	0.0000	0.1351	0.1351	0.1351	0.1351	0.1351	0.1351	0.0000
156	0.2018	0.2018	0.2018	0.2018	0.2018	0.2018	0.0000	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.0000
157	0.5588	0.5588	0.5588	0.5588	0.5588	0.5588	0.0000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.0000
158	0.1280	0.1280	0.1280	0.1280	0.1280	0.1280	0.0000	0.1429	0.1429	0.1429	0.1429	0.1429	0.1429	0.0000
159	0.5700	0.5700	0.5700	0.5700	0.5700	0.5700	0.0000	0.5238	0.5238	0.5238	0.5238	0.5238	0.5238	0.0000
160	0.8015	0.8015	0.8015	0.8015	0.8015	0.8015	0.0000	0.8198	0.8198	0.8198	0.8198	0.8198	0.8198	0.0000
161	0.3439	0.3439	0.3439	0.3439	0.3439	0.3439	0.0000	0.4091	0.4091	0.4091	0.4091	0.4091	0.4091	0.0000
162	0.3987	0.3987	0.3987	0.3987	0.3987	0.3987	0.0000	0.3276	0.3276	0.3276	0.3276	0.3276	0.3276	0.0000
163	0.8590	0.8590	0.8590	0.8590	0.8590	0.8590	0.0000	0.8584	0.8584	0.8584	0.8584	0.8584	0.8584	0.0000
164	0.0528	0.0528	0.0528	0.0528	0.0528	0.0528	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
165	0.1075	0.1075	0.1075	0.1075	0.1075	0.1075	0.0000	0.1111	0.1111	0.1111	0.1111	0.1111	0.1111	0.0000
166	0.0594	0.0594	0.0594	0.0594	0.0594	0.0594	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
167	0.0910	0.0910	0.0910	0.0910	0.0910	0.0910	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
168	0.2619	0.2619	0.2619	0.2619	0.2619	0.2619	0.0000	0.2500	0.2500	0.2500	0.2500	0.2500	0.2500	0.0000
169	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
170	0.0747	0.0747	0.0747	0.0747	0.0747	0.0747	0.0000	0.0435	0.0435	0.0435	0.0435	0.0435	0.0435	0.0000
171	0.5031	0.5031	0.5031	0.5031	0.5031	0.5031	0.0000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.0000
172	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
173	0.2085	0.2085	0.2085	0.2085	0.2085	0.2085	0.0000	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.0000
174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>ALL</b>	<b>0.2542</b>	<b>0.2542</b>	<b>0.2542</b>	<b>0.2542</b>	<b>0.2542</b>	<b>0.2542</b>	<b>0.0000</b>	<b>0.2485</b>	<b>0.2485</b>	<b>0.2485</b>	<b>0.2485</b>	<b>0.2485</b>	<b>0.2485</b>	<b>0.0000</b>



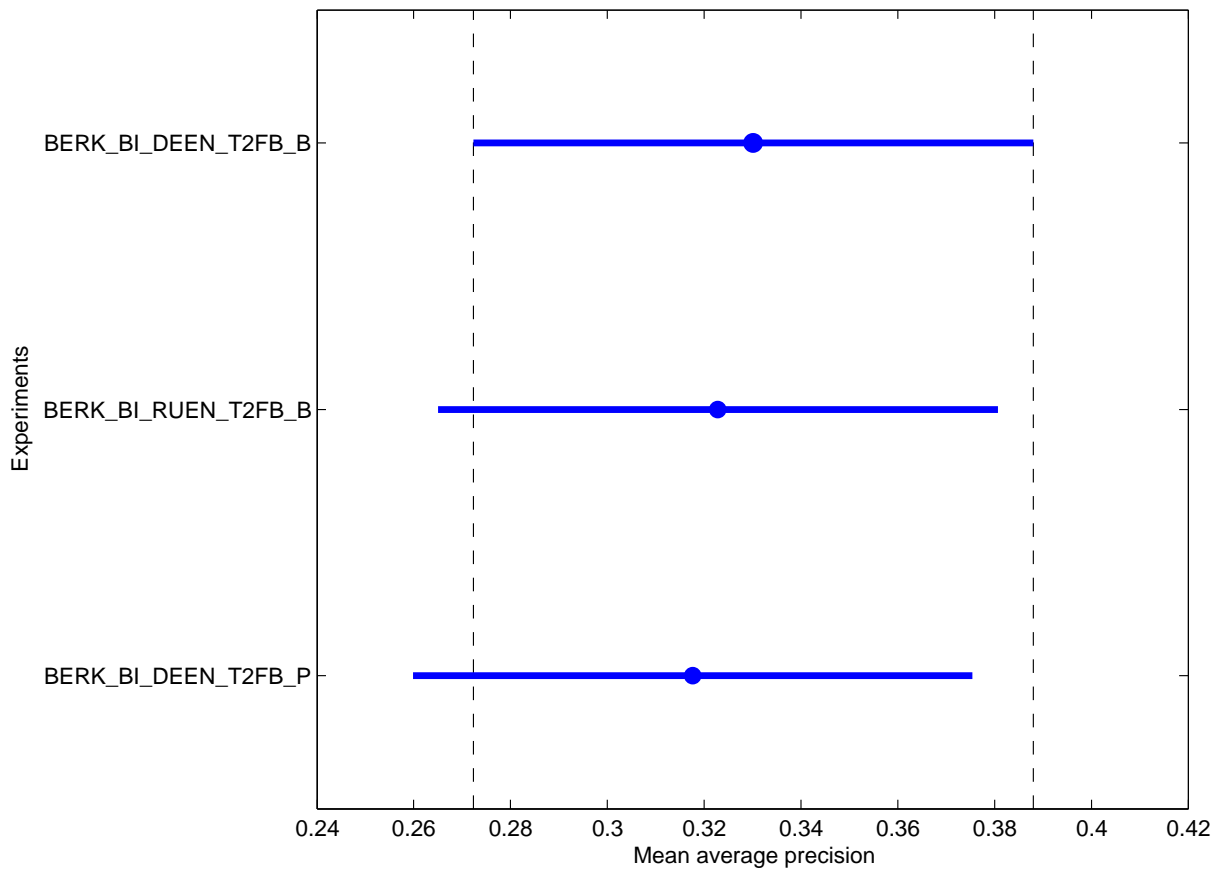


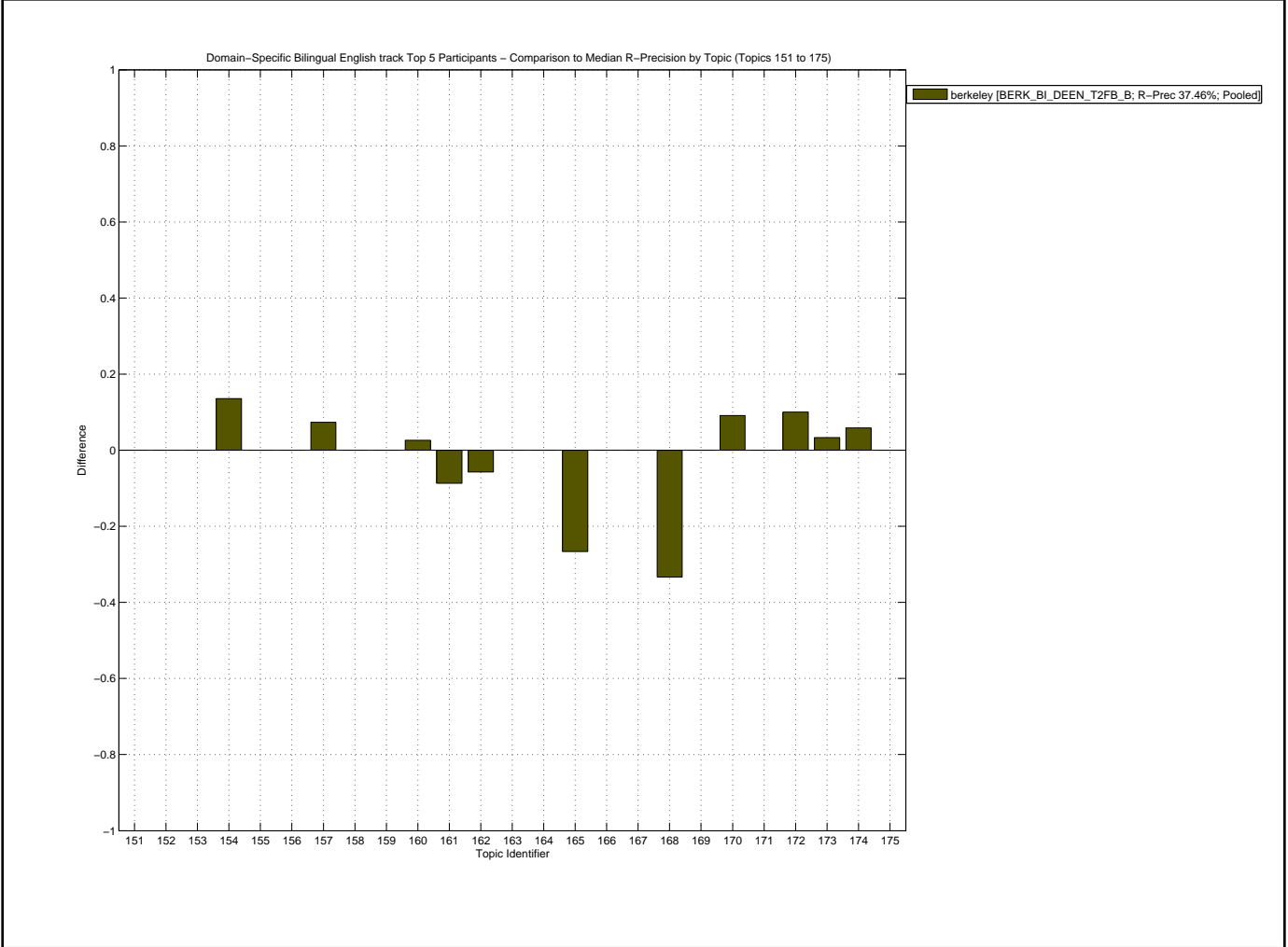
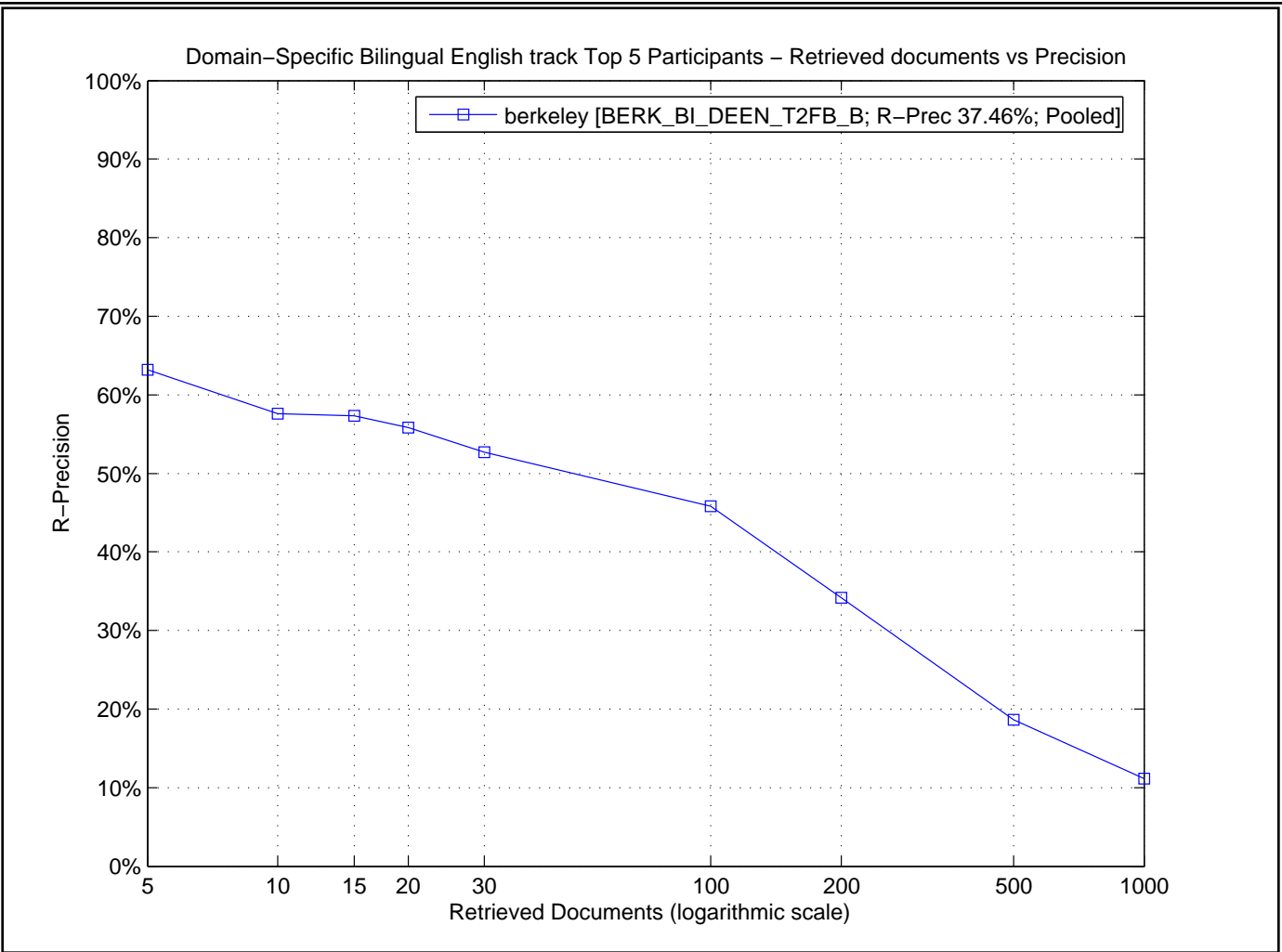
Domain-Specific Bilingual English track – Box Plot of the Topics



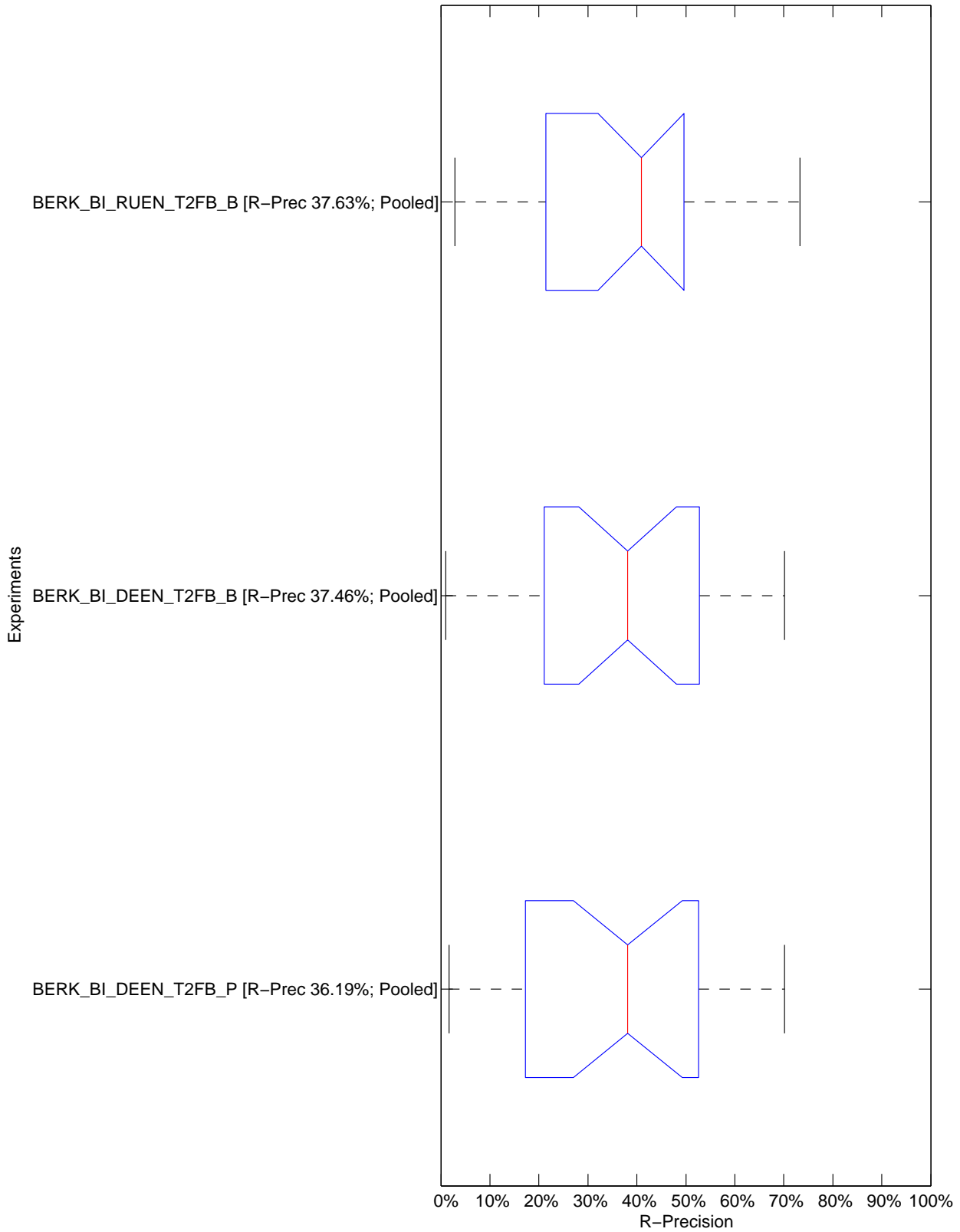


Domain-Specific Bilingual English track – Tukey T test with "top group" highlighted

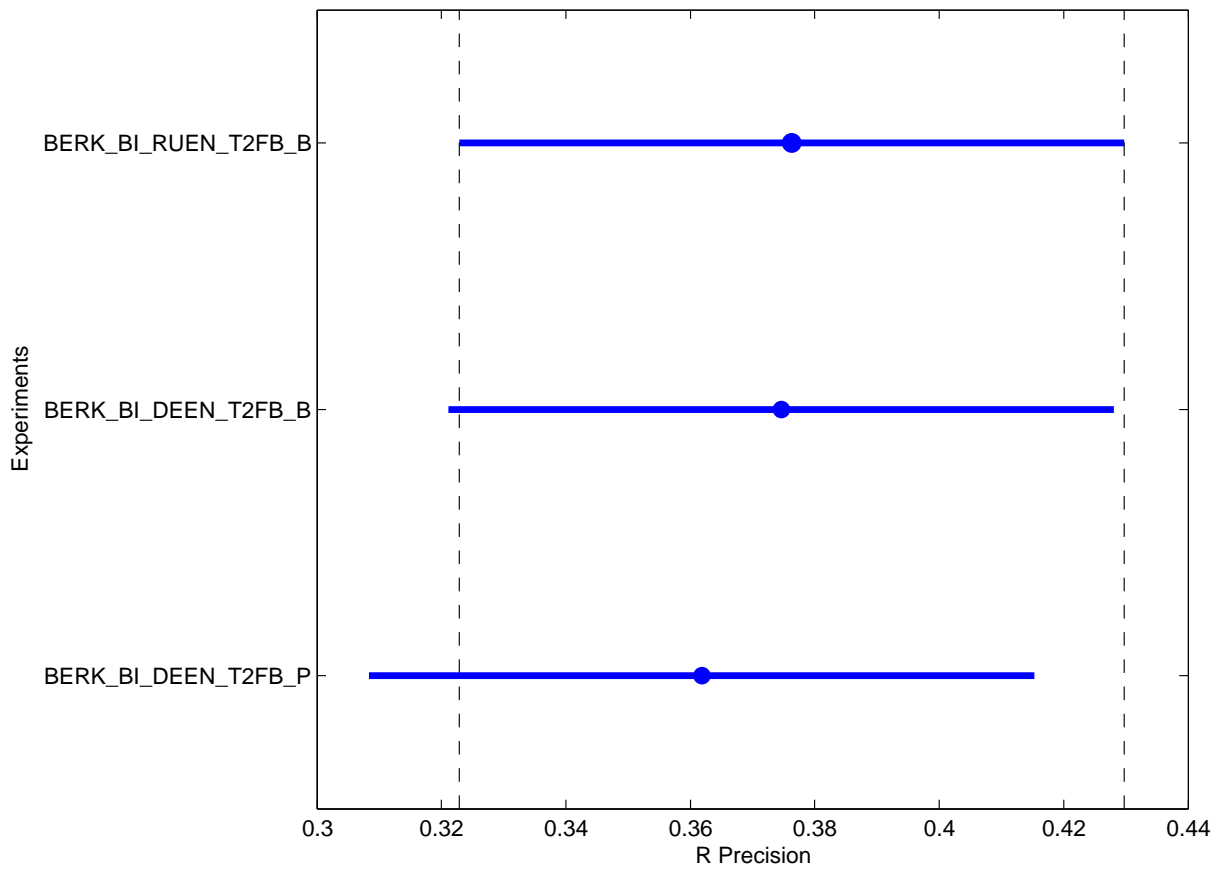




Domain-Specific Bilingual English track – Box Plot of the Topics

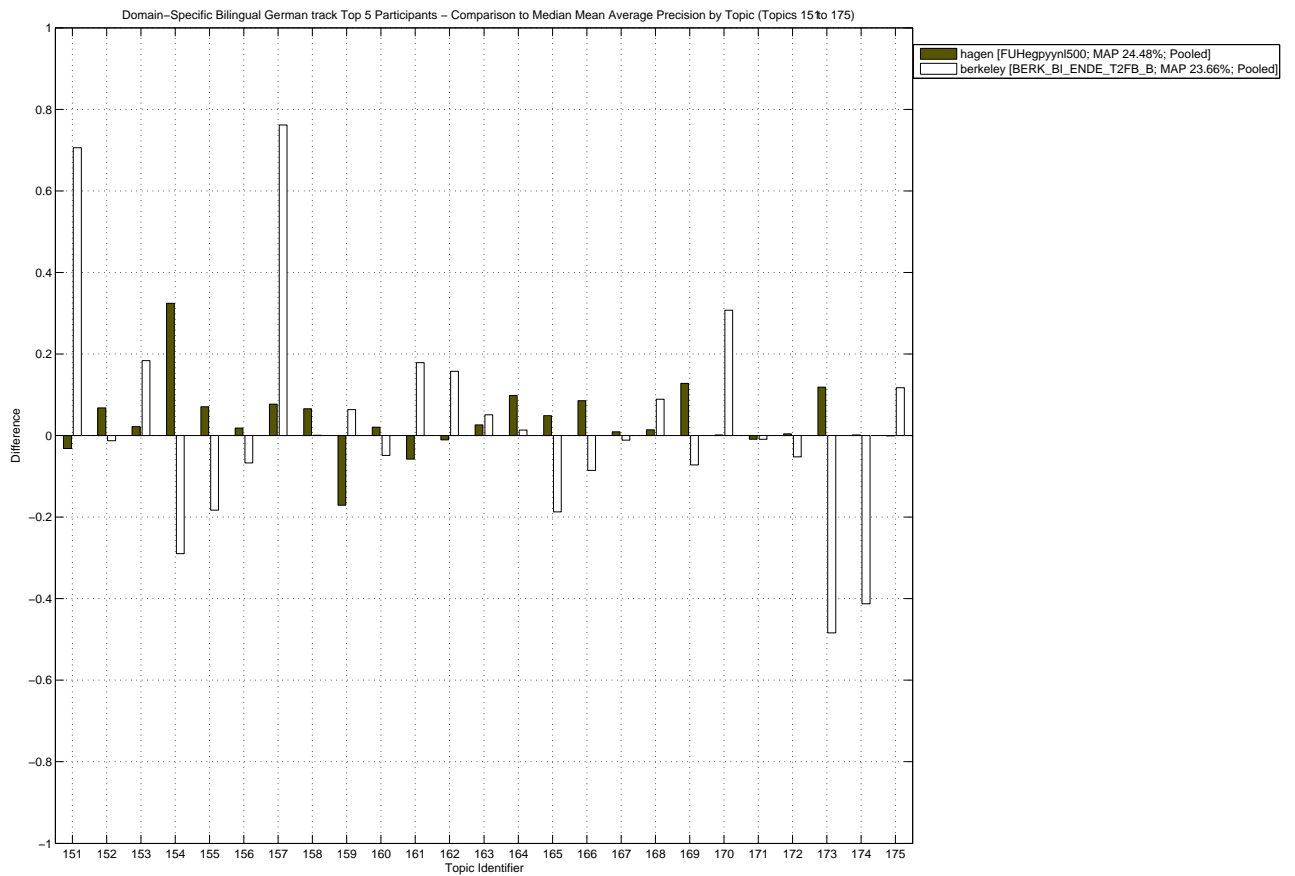
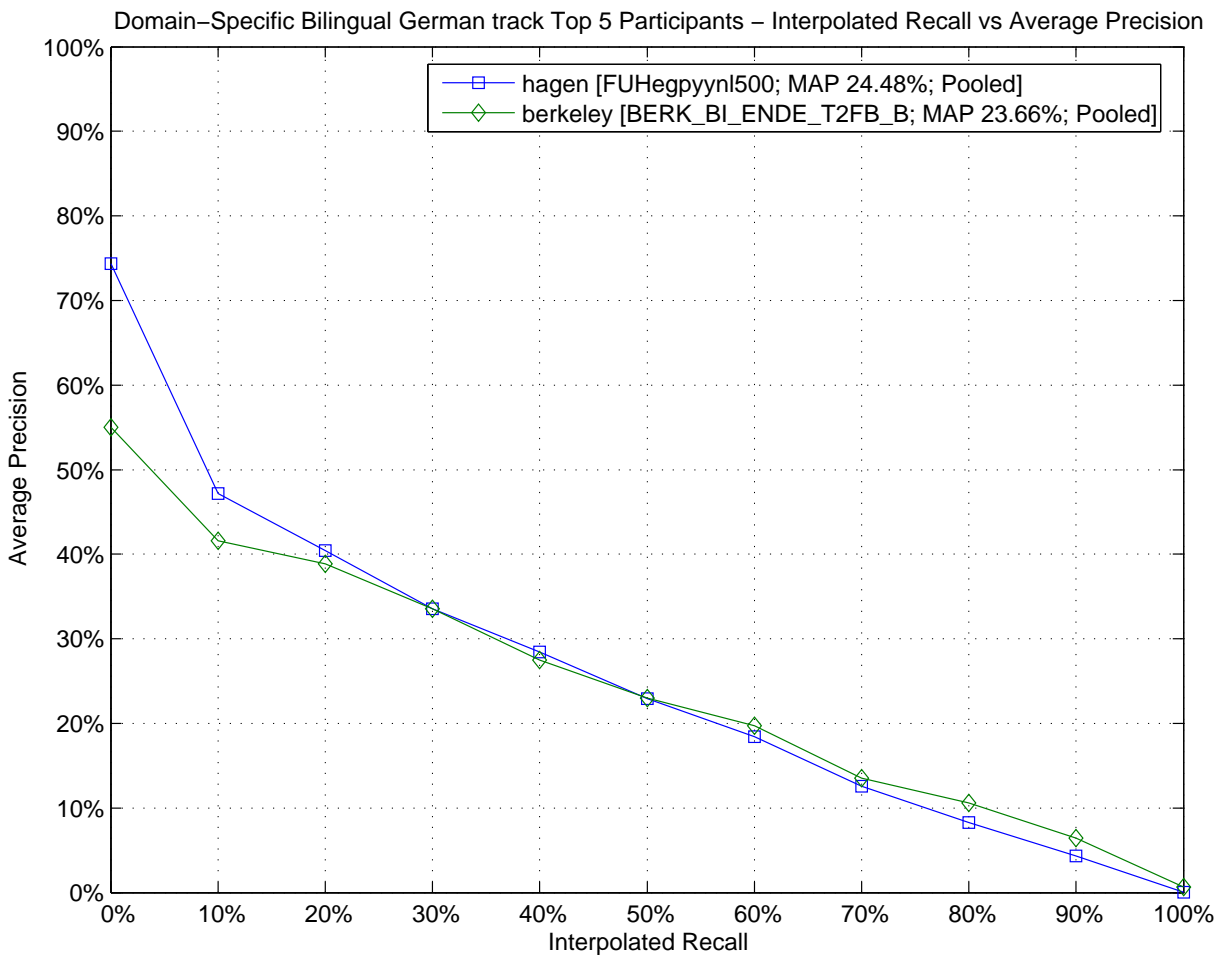


Domain-Specific Bilingual English track – Tukey T test with "top group" highlighted

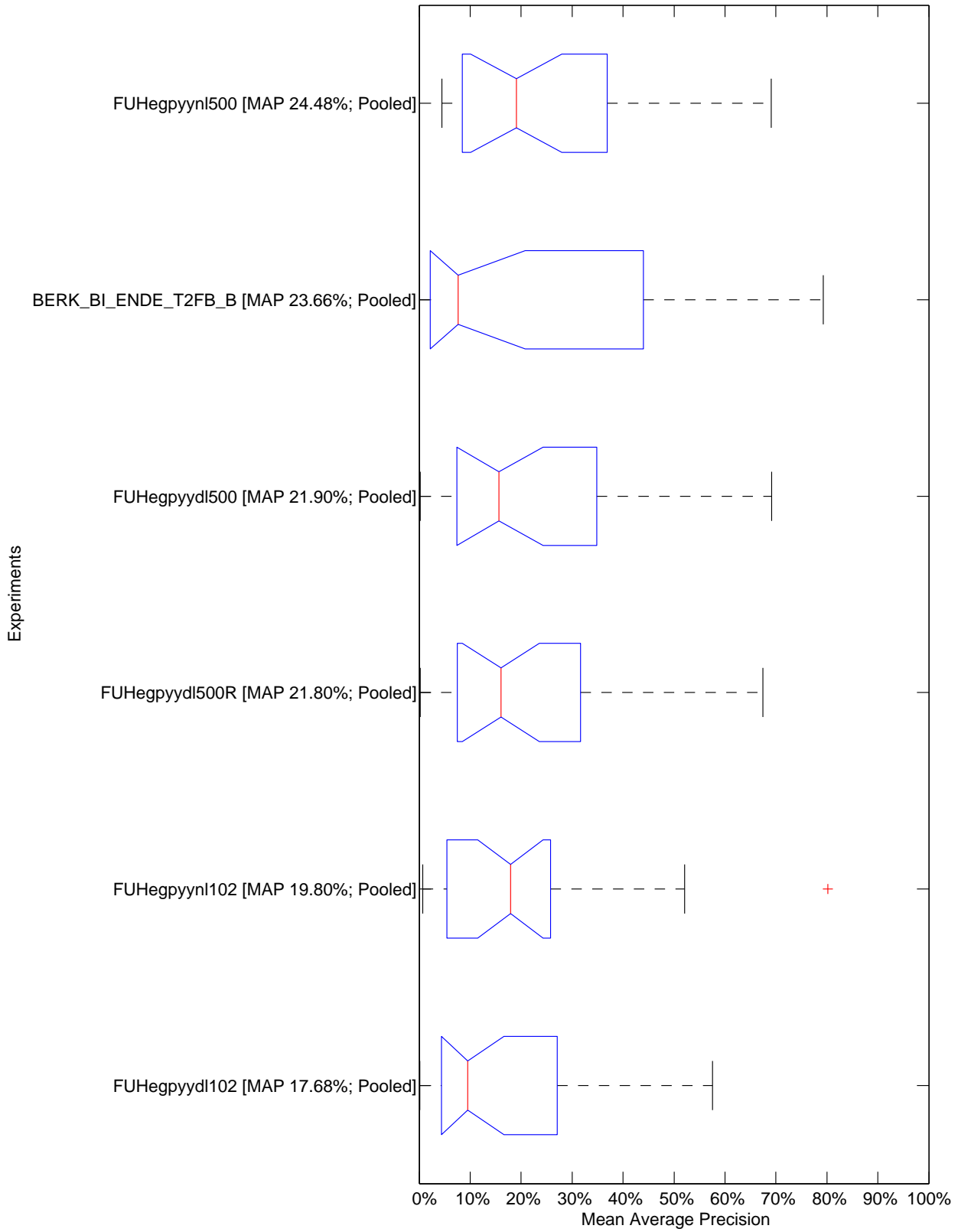


Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.6477	0.6508	0.6601	0.7031	0.7174	0.6751	0.0372	0.6353	0.6353	0.6353	0.6618	0.6706	0.6471	0.0204
152	0.1687	0.1993	0.2911	0.5041	0.5751	0.3450	0.2085	0.2962	0.3218	0.3988	0.5242	0.5660	0.4203	0.1362
153	0.0241	0.1323	0.4568	0.4568	0.4568	0.3126	0.2498	0.1003	0.1920	0.4671	0.4671	0.4671	0.3449	0.2118
154	0.5225	0.5338	0.5677	0.6876	0.7275	0.6059	0.1077	0.5254	0.5328	0.5551	0.6568	0.6907	0.5904	0.0881
155	0.0006	0.0063	0.0235	0.2904	0.3793	0.1345	0.2123	0.0164	0.0321	0.0789	0.3405	0.4276	0.1743	0.2216
156	0.0489	0.0678	0.1244	0.3168	0.3809	0.1847	0.1741	0.1604	0.1769	0.2264	0.4033	0.4623	0.2830	0.1587
157	0.0241	0.1219	0.4154	0.5198	0.5546	0.3314	0.2751	0.0526	0.1526	0.4526	0.5079	0.5263	0.3439	0.2549
158	0.0126	0.0193	0.0395	0.0699	0.0800	0.0440	0.0340	0.0357	0.0558	0.1161	0.1830	0.2054	0.1190	0.0849
159	0.6929	0.6929	0.6929	0.6986	0.7005	0.6954	0.0044	0.7015	0.7015	0.7015	0.7071	0.7090	0.7040	0.0043
160	0.1996	0.2538	0.4164	0.4557	0.4689	0.3616	0.1428	0.3208	0.3538	0.4528	0.4726	0.4792	0.4176	0.0849
161	0.2842	0.2973	0.3366	0.4395	0.4739	0.3649	0.0980	0.3596	0.3812	0.4462	0.4856	0.4987	0.4348	0.0702
162	0.0457	0.0555	0.0848	0.3554	0.4456	0.1921	0.2205	0.1086	0.1230	0.1661	0.3986	0.4760	0.2503	0.1976
163	0.1332	0.1358	0.1436	0.1545	0.1581	0.1450	0.0125	0.2254	0.2306	0.2465	0.2465	0.2465	0.2394	0.0122
164	0.0608	0.1175	0.2878	0.2878	0.2878	0.2121	0.1311	0.1711	0.2237	0.3816	0.3816	0.3816	0.3114	0.1215
165	0.3054	0.3763	0.5888	0.7585	0.8151	0.5698	0.2554	0.3667	0.4333	0.6333	0.7083	0.7333	0.5778	0.1895
166	0.2056	0.2749	0.4829	0.5212	0.5340	0.4075	0.1767	0.3047	0.3564	0.5117	0.5234	0.5273	0.4479	0.1243
167	0.1364	0.1523	0.2000	0.2302	0.2402	0.1922	0.0524	0.2174	0.2174	0.2174	0.3152	0.3478	0.2609	0.0753
168	0.0068	0.0633	0.2328	0.4731	0.5532	0.2643	0.2746	0.0101	0.0934	0.3434	0.5404	0.6061	0.3199	0.2987
169	0.1620	0.1636	0.1683	0.1884	0.1951	0.1751	0.0176	0.1905	0.1905	0.1905	0.2262	0.2381	0.2063	0.0275
170	0.2490	0.2730	0.3449	0.3869	0.4009	0.3316	0.0768	0.4091	0.4091	0.4091	0.4773	0.5000	0.4394	0.0525
171	0.1119	0.2069	0.4919	0.4919	0.4919	0.3652	0.2194	0.1813	0.2734	0.5495	0.5495	0.5495	0.4267	0.2125
172	0.1762	0.1874	0.2209	0.2297	0.2326	0.2099	0.0298	0.1750	0.1875	0.2250	0.3000	0.3250	0.2417	0.0764
173	0.0025	0.1061	0.4167	0.4775	0.4977	0.3056	0.2656	0.0289	0.1467	0.5000	0.5248	0.5331	0.3540	0.2820
174	0.3745	0.4169	0.5439	0.6049	0.6253	0.5146	0.1279	0.4211	0.4591	0.5731	0.6170	0.6316	0.5419	0.1087
175	0.1138	0.1138	0.1138	0.1910	0.2167	0.1481	0.0594	0.1132	0.1132	0.1132	0.2547	0.3019	0.1761	0.1089
<b>ALL</b>	<b>0.3176</b>	<b>0.3189</b>	<b>0.3228</b>	<b>0.3283</b>	<b>0.3301</b>	<b>0.3235</b>	<b>0.0063</b>	<b>0.3619</b>	<b>0.3650</b>	<b>0.3746</b>	<b>0.3759</b>	<b>0.3763</b>	<b>0.3709</b>	<b>0.0079</b>

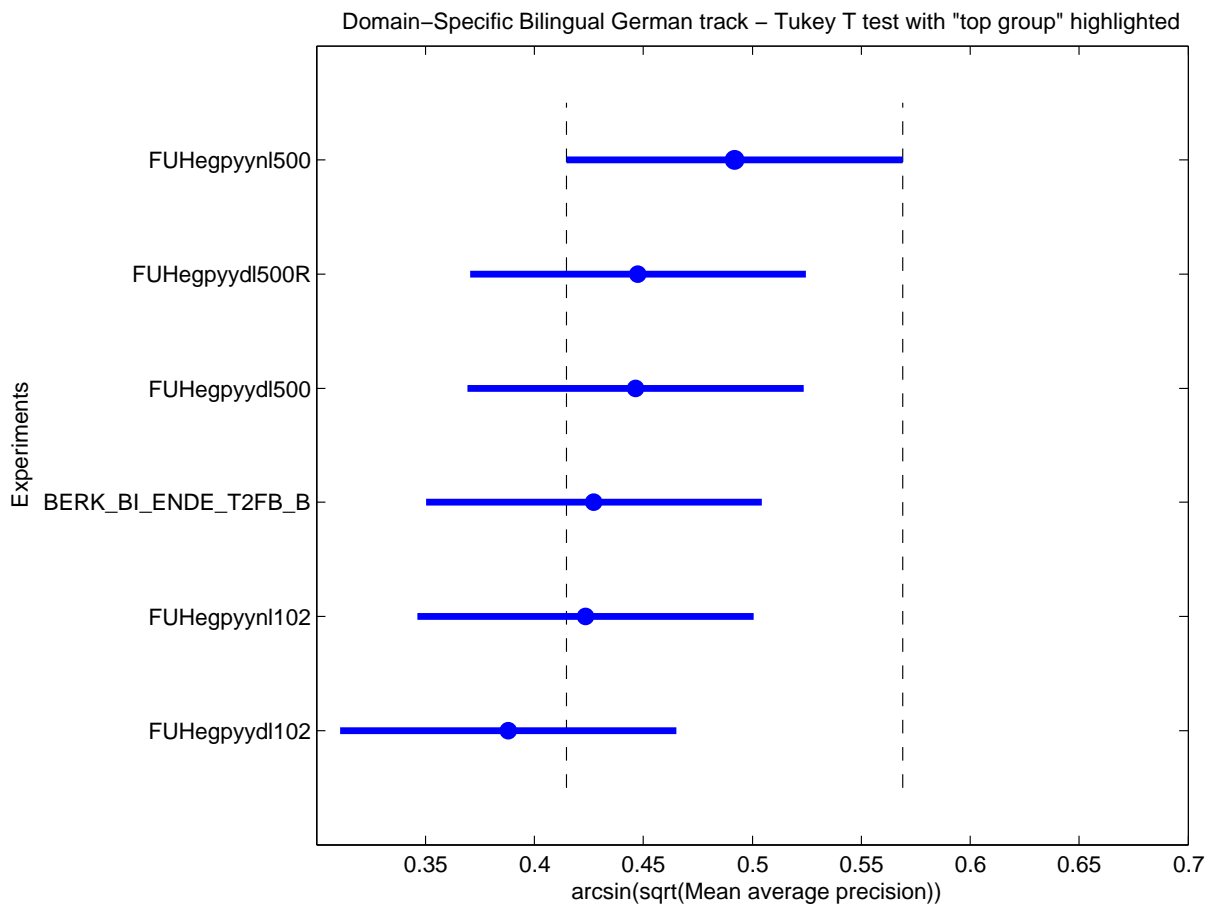


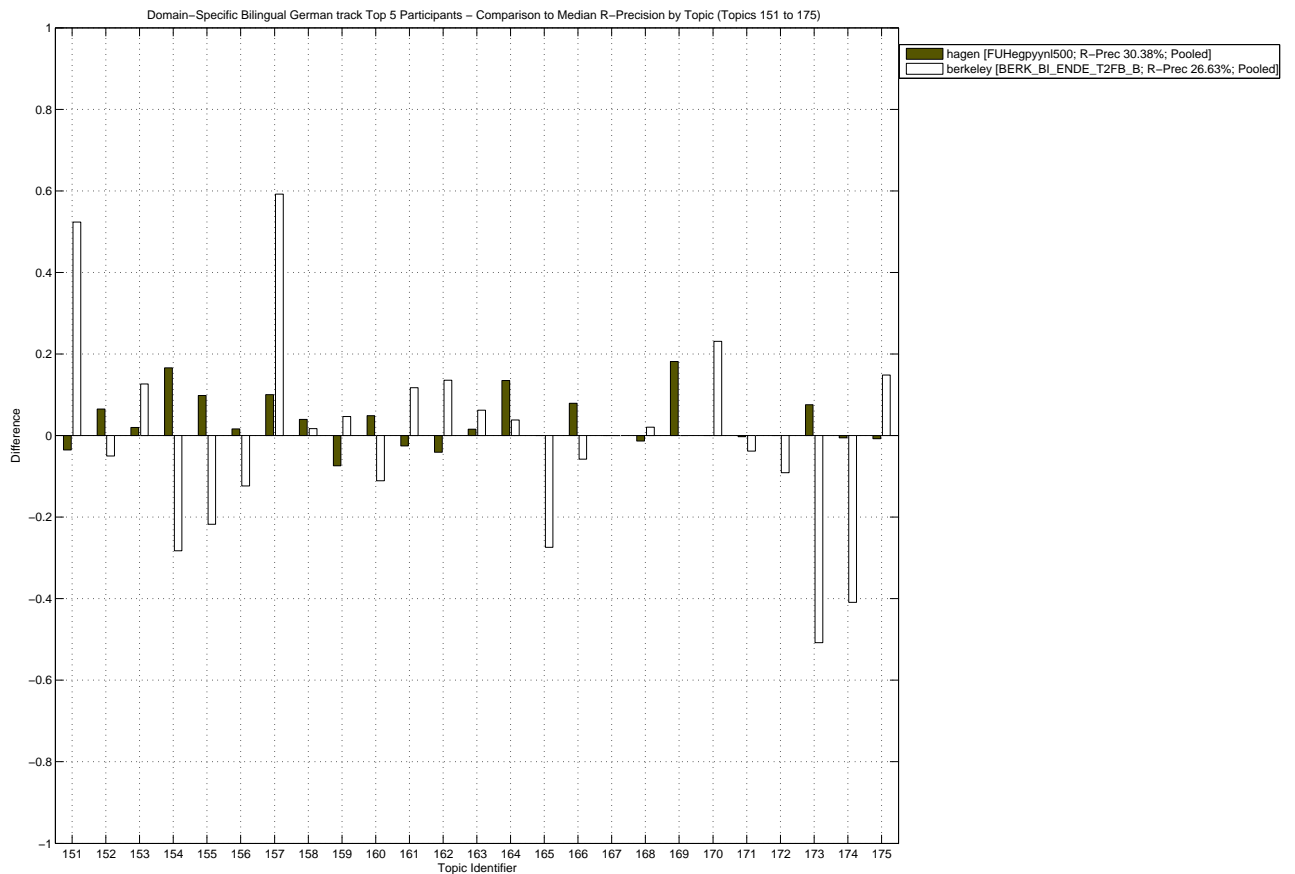
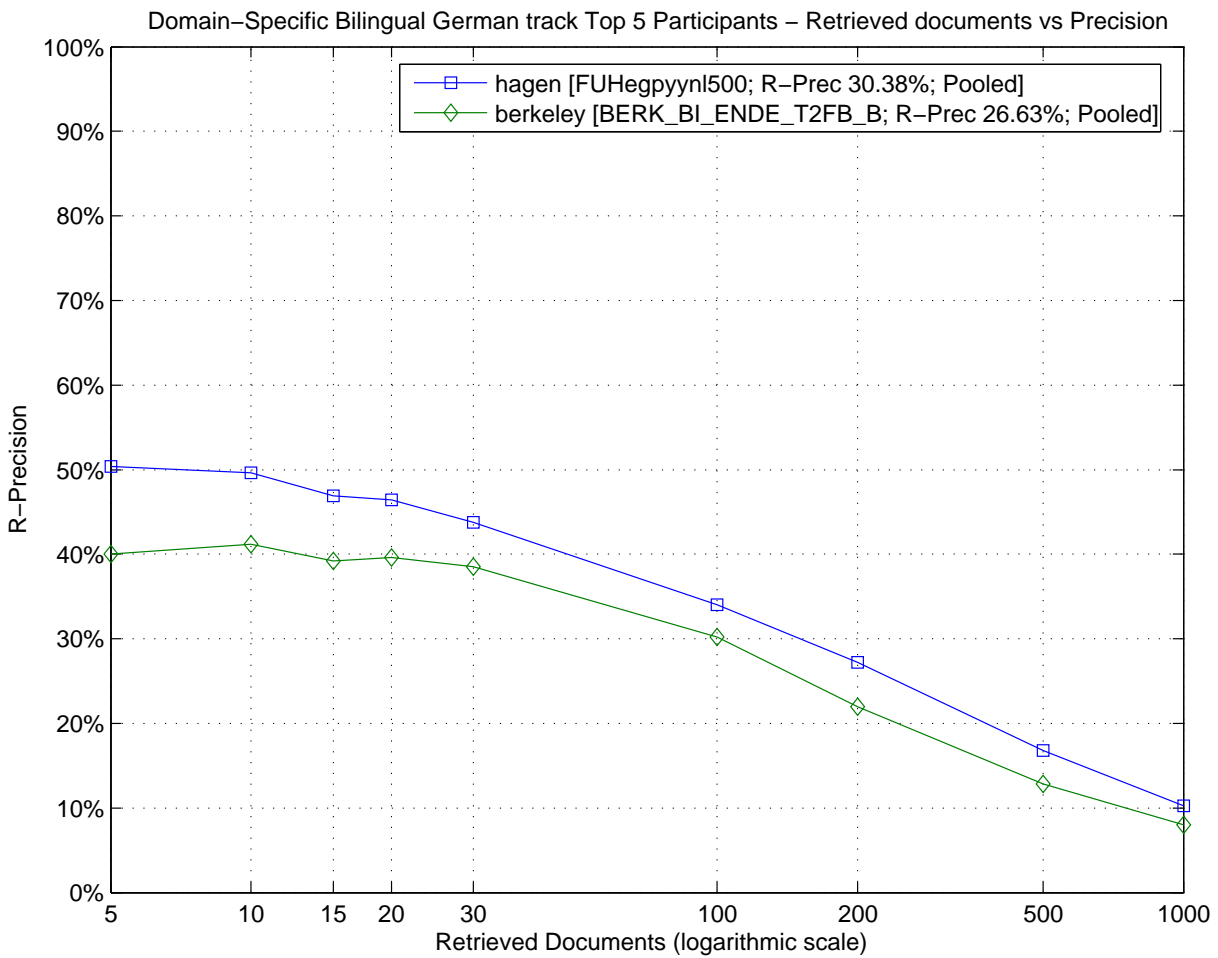


Domain-Specific Bilingual German track – Box Plot of the Topics

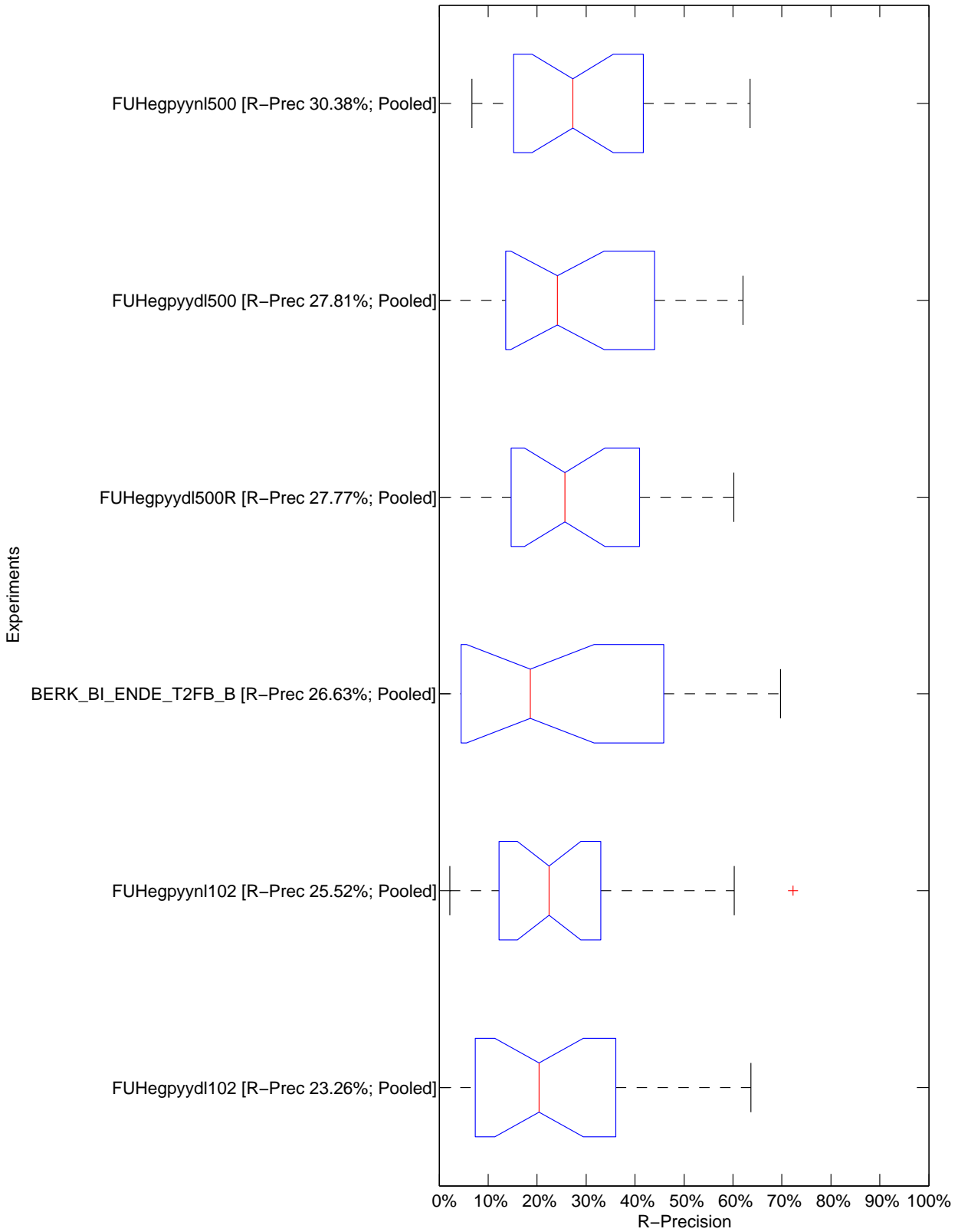


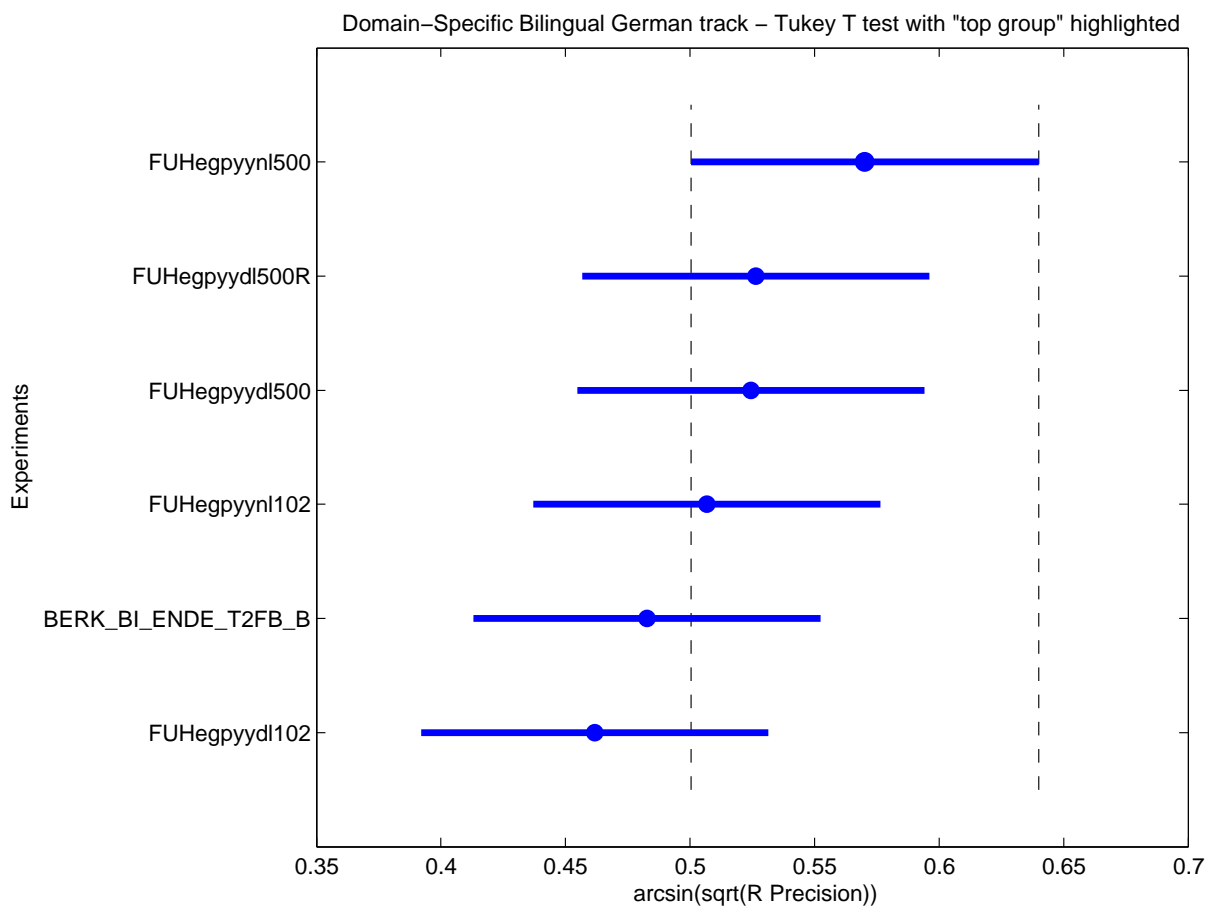






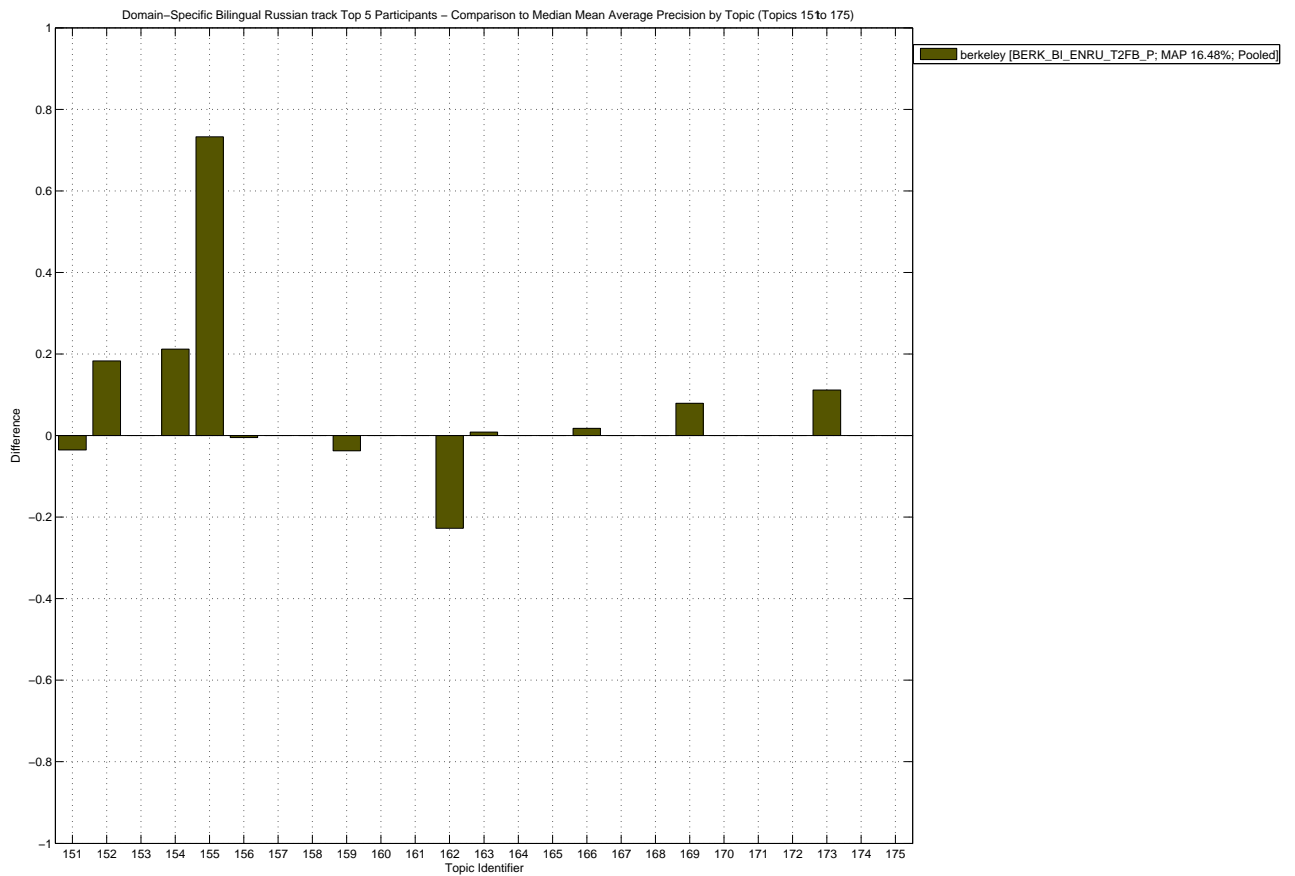
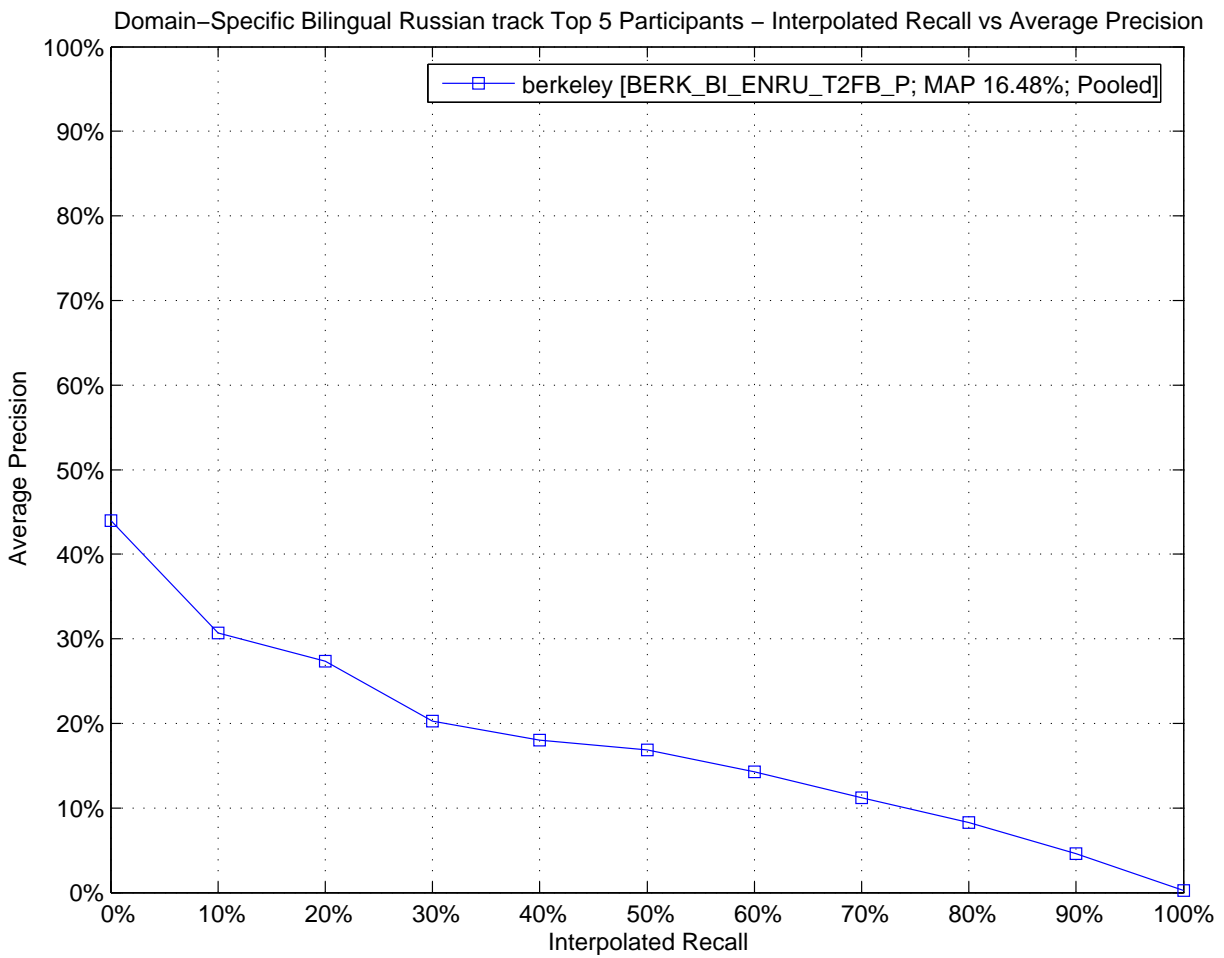
Domain-Specific Bilingual German track – Box Plot of the Topics



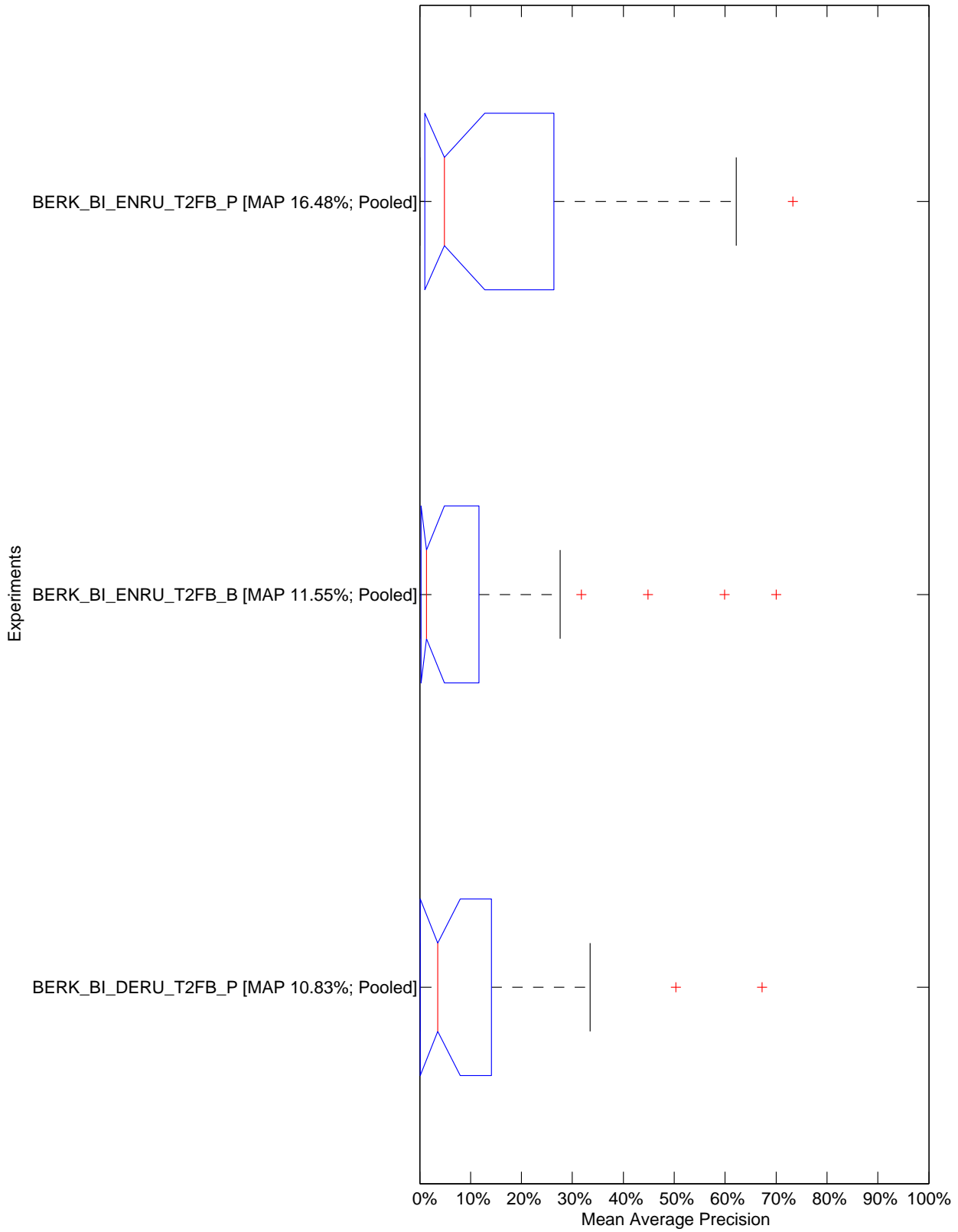


Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.0467	0.0567	0.0785	0.0951	0.7841	0.1899	0.2916	0.1378	0.1654	0.1732	0.2283	0.6969	0.2625	0.2148
152	0.0010	0.0077	0.0135	0.0189	0.0813	0.0226	0.0294	0.0192	0.0288	0.0697	0.1010	0.1346	0.0705	0.0434
153	0.0397	0.0547	0.3480	0.4089	0.5316	0.2885	0.1991	0.0800	0.0800	0.3800	0.4533	0.5067	0.3133	0.1874
154	0.0767	0.2812	0.3664	0.6908	0.8019	0.4306	0.2728	0.1861	0.3905	0.4690	0.6350	0.7226	0.4787	0.1937
155	0.0018	0.1565	0.1846	0.2551	0.2694	0.1753	0.0971	0.0104	0.1917	0.2280	0.3264	0.3523	0.2228	0.1230
156	0.0000	0.0067	0.0669	0.0997	0.1036	0.0573	0.0461	0.0000	0.0215	0.1237	0.1505	0.1505	0.0950	0.0675
157	0.0016	0.0019	0.0313	0.1087	0.7927	0.1612	0.3124	0.0000	0.0154	0.1000	0.2000	0.6923	0.1846	0.2643
158	0.0120	0.0224	0.0234	0.0783	0.0891	0.0414	0.0332	0.0562	0.0787	0.0955	0.1348	0.1685	0.1049	0.0418
159	0.2572	0.4319	0.6030	0.6746	0.6919	0.5436	0.1724	0.2870	0.4907	0.5648	0.6111	0.6204	0.5231	0.1267
160	0.0004	0.0201	0.0492	0.1605	0.1643	0.0739	0.0721	0.0000	0.0556	0.1111	0.2778	0.2847	0.1400	0.1209
161	0.2536	0.3237	0.4269	0.4850	0.6059	0.4203	0.1285	0.3323	0.3892	0.4684	0.4937	0.5854	0.4562	0.0889
162	0.0922	0.0966	0.1330	0.1603	0.2902	0.1509	0.0731	0.1724	0.2112	0.2694	0.3233	0.4052	0.2751	0.0864
163	0.0928	0.1133	0.1516	0.1872	0.2026	0.1499	0.0451	0.2140	0.2179	0.2568	0.2879	0.3191	0.2588	0.0416
164	0.0189	0.0195	0.0341	0.1320	0.2338	0.0787	0.0875	0.0000	0.0000	0.0385	0.1731	0.2692	0.0865	0.1126
165	0.0197	0.1868	0.2068	0.2553	0.2594	0.1891	0.0879	0.0411	0.2740	0.3151	0.3151	0.3288	0.2648	0.1112
166	0.2525	0.3106	0.4455	0.5706	0.6051	0.4383	0.1489	0.3226	0.3656	0.4906	0.5699	0.6075	0.4745	0.1174
167	0.0241	0.0243	0.0354	0.0657	0.0932	0.0463	0.0281	0.0444	0.0444	0.0667	0.1556	0.1778	0.0926	0.0587
168	0.1233	0.1461	0.3208	0.3346	0.4099	0.2759	0.1146	0.2041	0.2245	0.4218	0.4422	0.4422	0.3594	0.1133
169	0.0455	0.0696	0.1172	0.2417	0.2447	0.1393	0.0851	0.0909	0.0909	0.0909	0.1818	0.2727	0.1364	0.0761
170	0.1617	0.2228	0.2593	0.2812	0.5663	0.2918	0.1409	0.2308	0.2564	0.3590	0.3590	0.5897	0.3590	0.1267
171	0.1790	0.1905	0.1999	0.2120	0.2222	0.2006	0.0163	0.2727	0.3081	0.3106	0.3485	0.3535	0.3173	0.0299
172	0.0221	0.0701	0.0742	0.0843	0.0986	0.0706	0.0260	0.0455	0.0909	0.1364	0.1364	0.1818	0.1212	0.0469
173	0.0027	0.4584	0.4868	0.5205	0.6057	0.4268	0.2139	0.0159	0.5040	0.5238	0.5675	0.5992	0.4557	0.2182
174	0.0564	0.4581	0.4689	0.5190	0.5752	0.4244	0.1856	0.1250	0.5284	0.5341	0.6023	0.6364	0.4934	0.1858
175	0.0476	0.0745	0.0751	0.1399	0.1923	0.1008	0.0543	0.0781	0.1562	0.1641	0.1875	0.3125	0.1771	0.0763
<b>ALL</b>	<b>0.1768</b>	<b>0.1980</b>	<b>0.2185</b>	<b>0.2366</b>	<b>0.2448</b>	<b>0.2155</b>	<b>0.0250</b>	<b>0.2326</b>	<b>0.2552</b>	<b>0.2720</b>	<b>0.2781</b>	<b>0.3038</b>	<b>0.2689</b>	<b>0.0241</b>



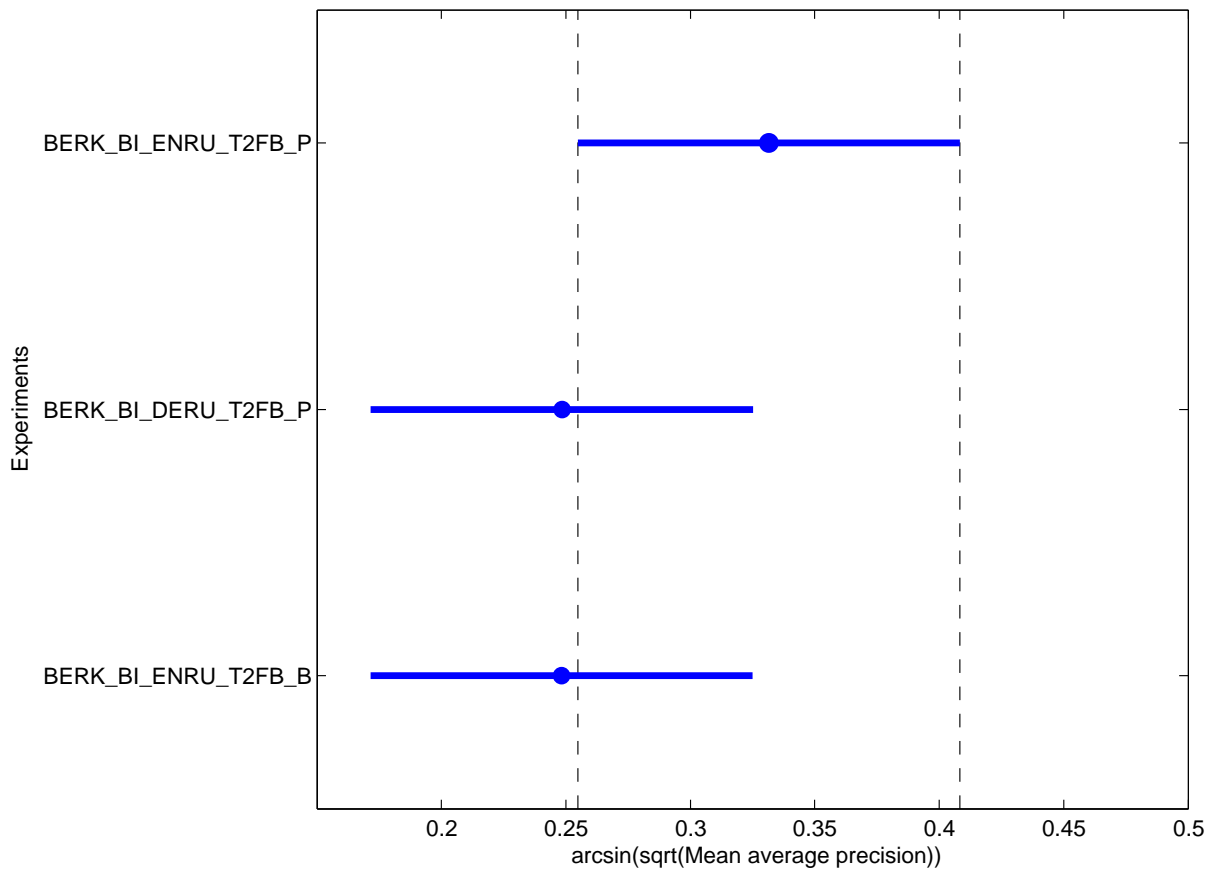


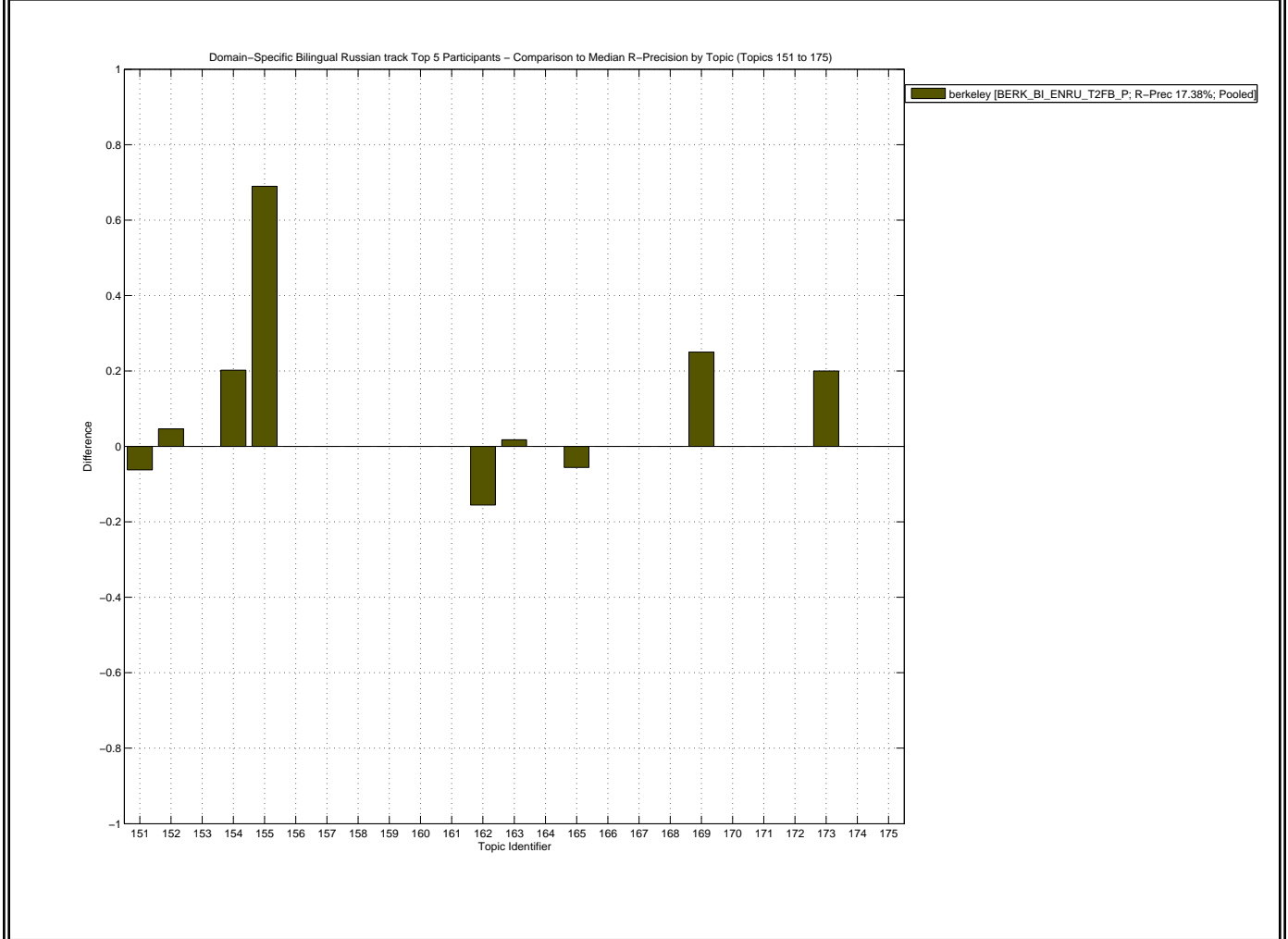
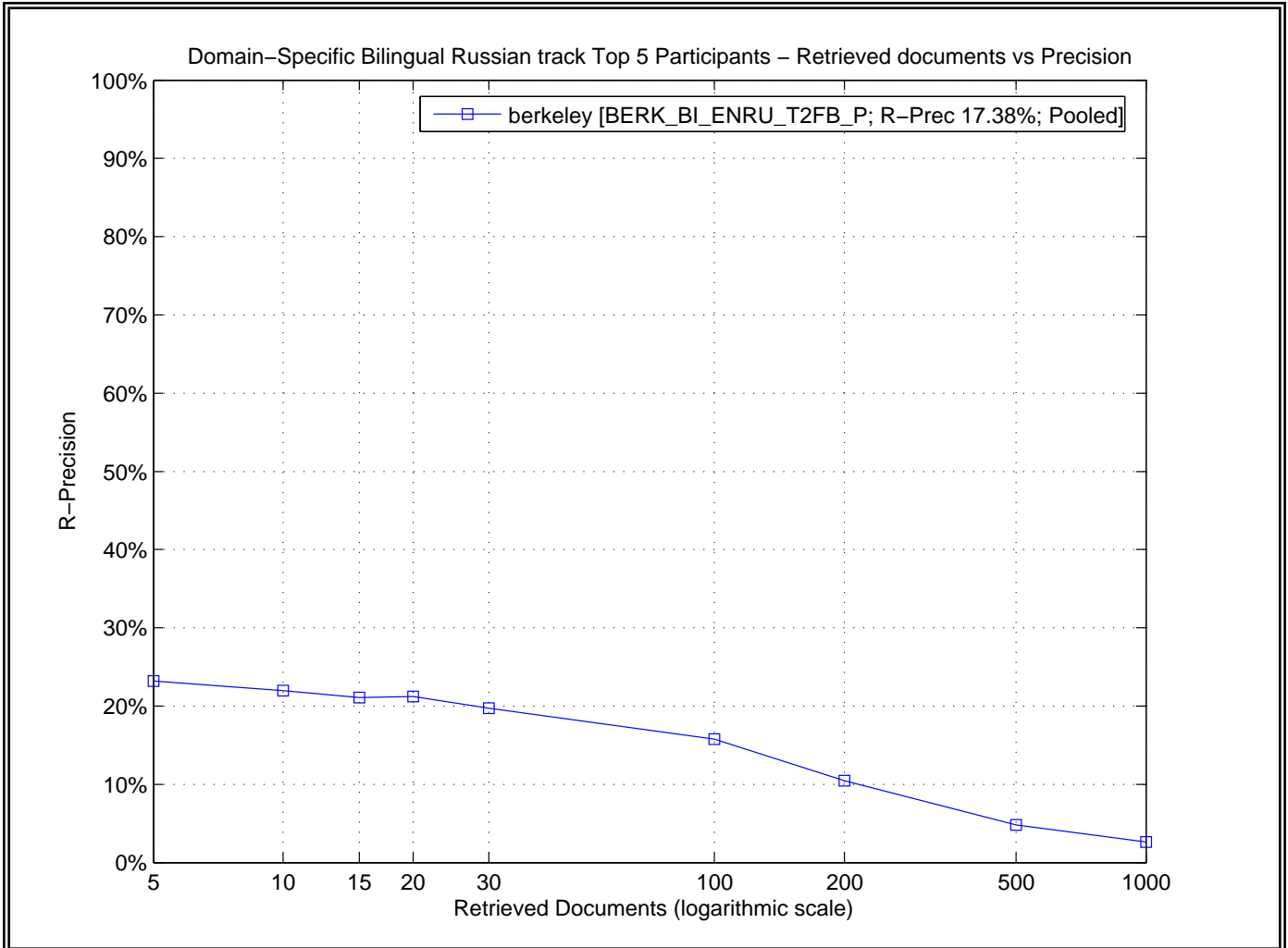
Domain-Specific Bilingual Russian track – Box Plot of the Topics



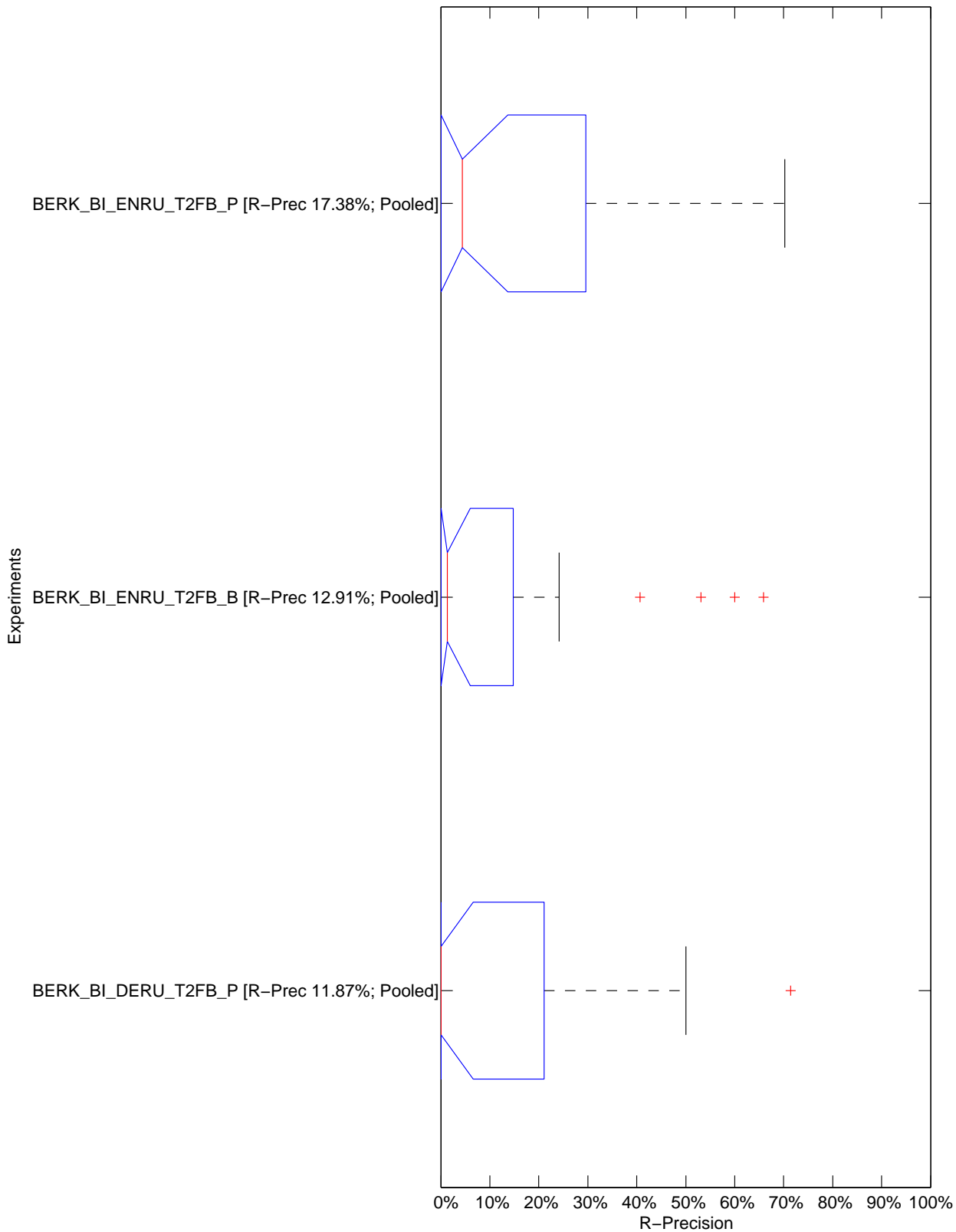


Domain-Specific Bilingual Russian track – Tukey T test with "top group" highlighted

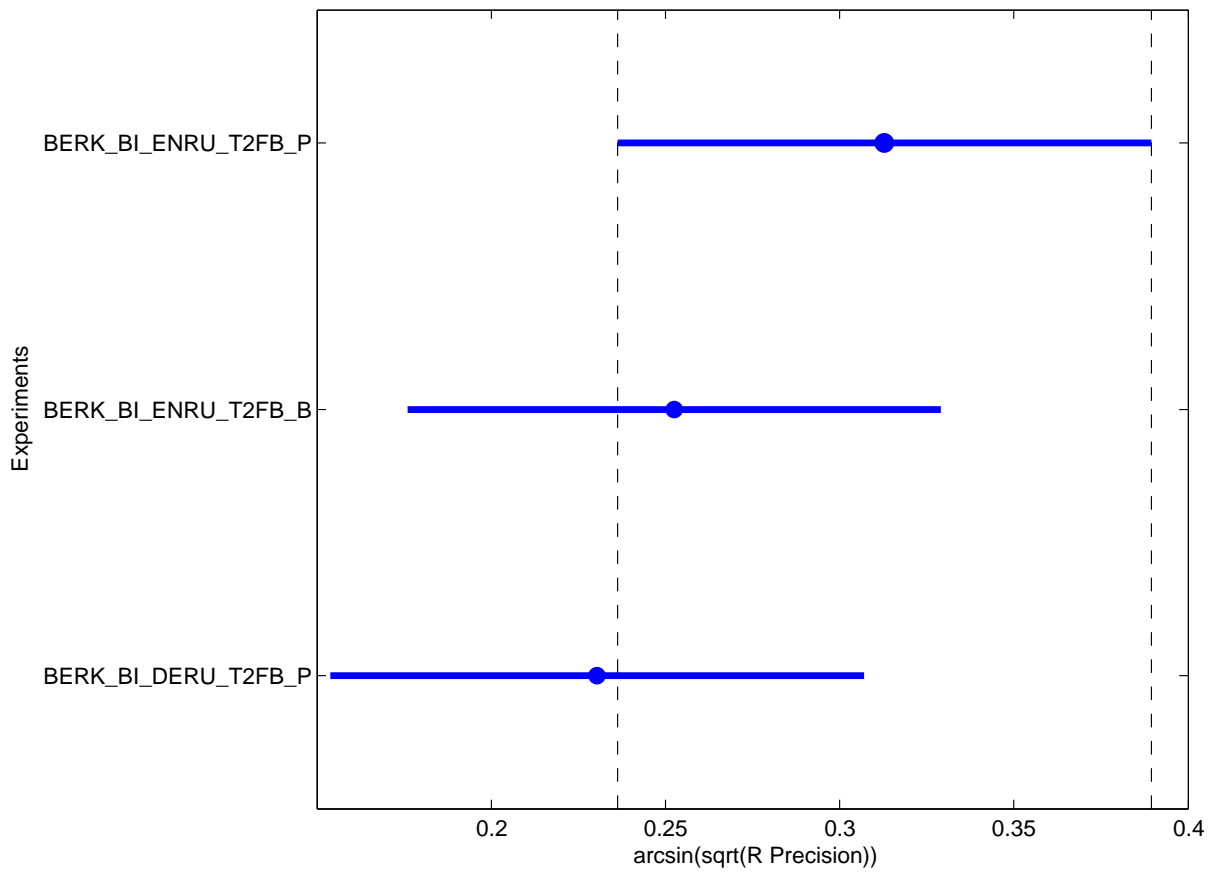




Domain-Specific Bilingual Russian track – Box Plot of the Topics

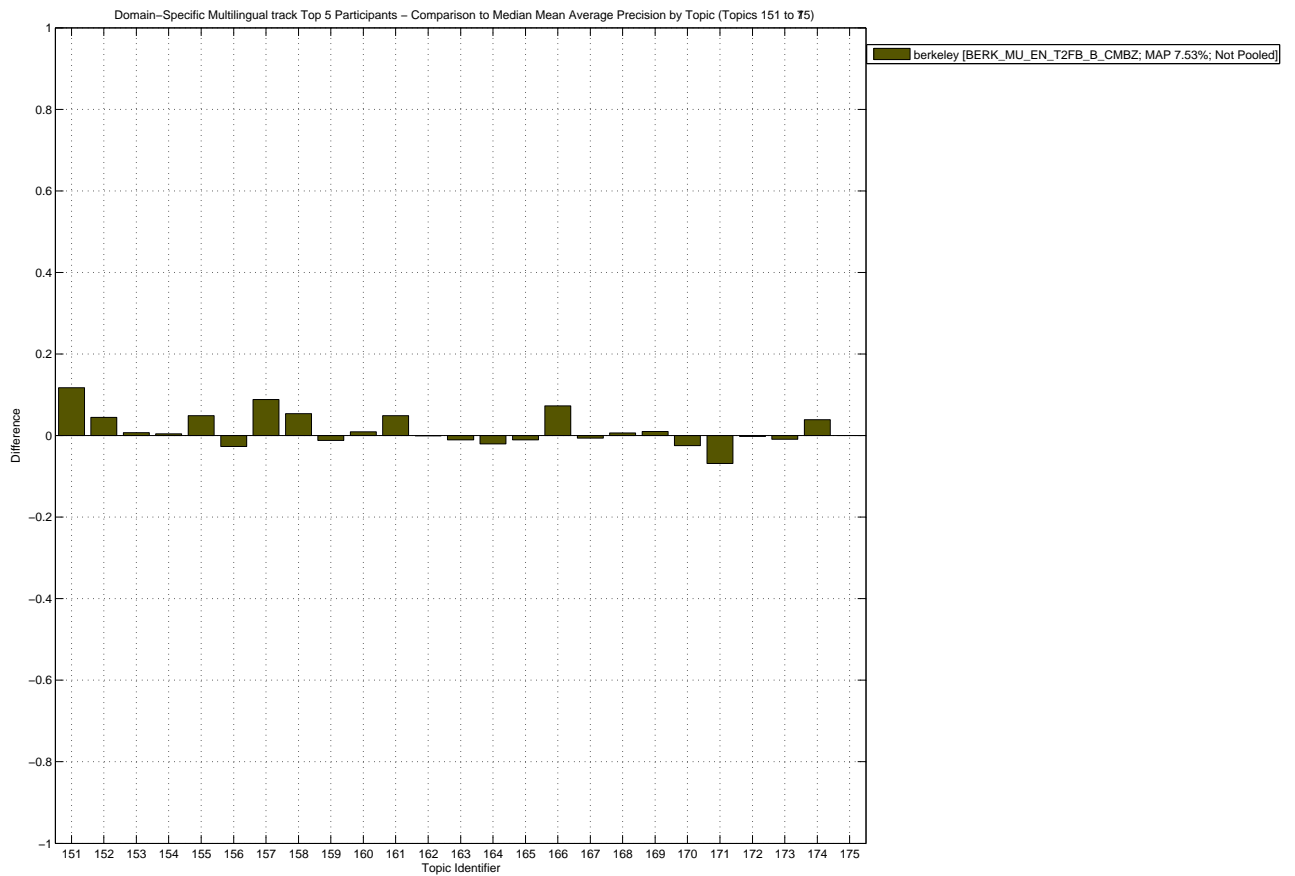
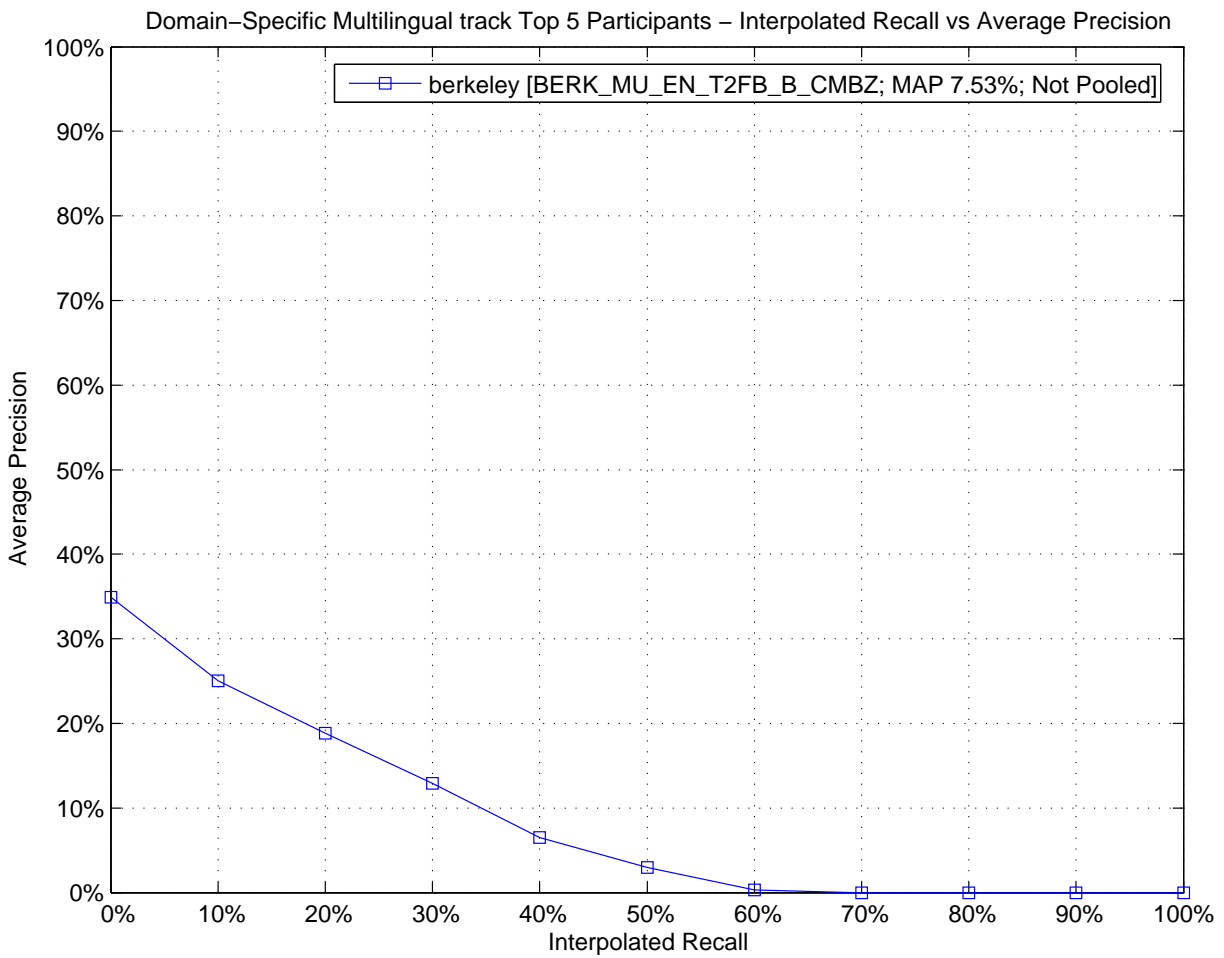


Domain-Specific Bilingual Russian track – Tukey T test with "top group" highlighted

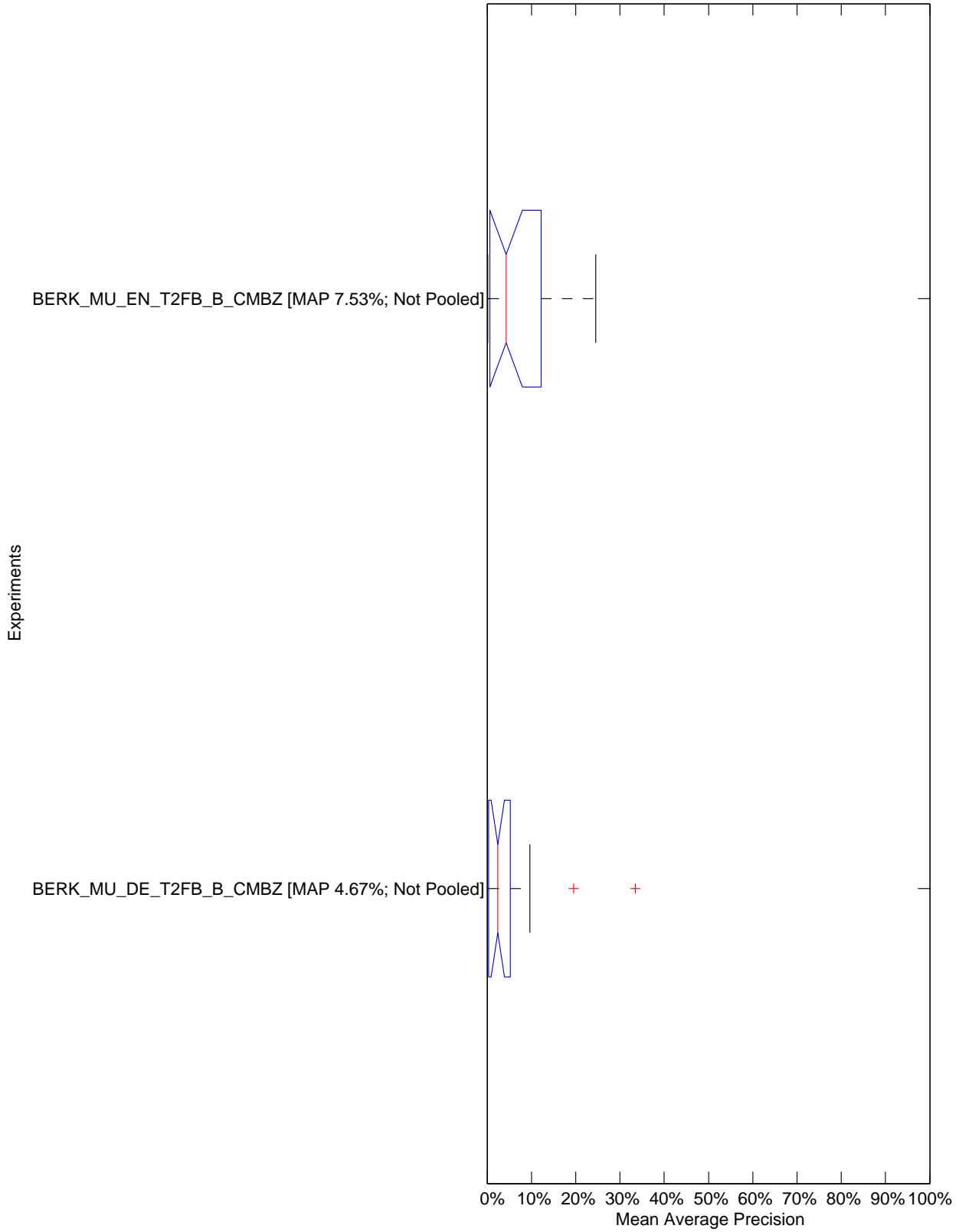


Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.0719	0.0806	0.1069	0.1312	0.1394	0.1061	0.0337	0.0625	0.0781	0.1250	0.2188	0.2500	0.1458	0.0955
152	0.0006	0.0798	0.3174	0.4546	0.5003	0.2728	0.2528	0.0233	0.1192	0.4070	0.4419	0.4535	0.2946	0.2361
153	0.0927	0.1048	0.1410	0.1424	0.1429	0.1255	0.0284	0.1304	0.1304	0.1304	0.1304	0.1304	0.1304	0.0000
154	0.0263	0.0386	0.0752	0.2344	0.2874	0.1297	0.1388	0.1616	0.1793	0.2323	0.3838	0.4343	0.2761	0.1415
155	0.0000	0.0001	0.0006	0.5501	0.7333	0.2446	0.4232	0.0000	0.0034	0.0135	0.5304	0.7027	0.2387	0.4019
156	0.0078	0.0091	0.0130	0.0233	0.0268	0.0159	0.0098	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	0.0000	0.0000	0.0000	0.3772	0.5029	0.1676	0.2903	0.0000	0.0000	0.0000	0.3750	0.5000	0.1667	0.2887
158	0.0027	0.0114	0.0375	0.1175	0.1441	0.0614	0.0737	0.0000	0.0000	0.0000	0.1071	0.1429	0.0476	0.0825
159	0.5616	0.5710	0.5991	0.6542	0.6726	0.6111	0.0564	0.6000	0.6000	0.6000	0.6857	0.7143	0.6381	0.0660
160	0.0000	0.0002	0.0008	0.0079	0.0102	0.0037	0.0057	0.0000	0.0068	0.0270	0.0608	0.0721	0.0330	0.0364
161	0.0414	0.1864	0.6215	0.6807	0.7004	0.4544	0.3599	0.0909	0.2074	0.5568	0.6335	0.6591	0.4356	0.3029
162	0.0483	0.1051	0.2756	0.3197	0.3344	0.2194	0.1511	0.0862	0.1250	0.2414	0.3448	0.3793	0.2356	0.1466
163	0.1468	0.2223	0.4488	0.4552	0.4573	0.3510	0.1769	0.2035	0.2854	0.5310	0.5442	0.5487	0.4277	0.1944
164	0.0029	0.0079	0.0227	0.0667	0.0813	0.0356	0.0408	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
165	0.0131	0.0146	0.0191	0.1101	0.1405	0.0576	0.0719	0.0000	0.0139	0.0556	0.1597	0.1944	0.0833	0.1002
166	0.0000	0.0091	0.0366	0.0498	0.0542	0.0303	0.0277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
167	0.0096	0.0102	0.0118	0.0135	0.0141	0.0118	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
168	0.0023	0.0658	0.2563	0.2855	0.2952	0.1846	0.1591	0.0000	0.0625	0.2500	0.2500	0.2500	0.1667	0.1443
169	0.0035	0.0116	0.0358	0.0953	0.1151	0.0515	0.0574	0.0000	0.0000	0.0000	0.1875	0.2500	0.0833	0.1443
170	0.0126	0.0194	0.0396	0.0705	0.0808	0.0443	0.0343	0.0000	0.0109	0.0435	0.0761	0.0870	0.0435	0.0435
171	0.0033	0.0052	0.0110	0.0142	0.0153	0.0099	0.0061	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
172	0.0014	0.0018	0.0030	0.0143	0.0181	0.0075	0.0092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
173	0.0000	0.0019	0.0077	0.0912	0.1190	0.0422	0.0666	0.0000	0.0000	0.0000	0.1500	0.2000	0.0667	0.1155
174	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>ALL</b>	<b>0.1083</b>	<b>0.1101</b>	<b>0.1155</b>	<b>0.1525</b>	<b>0.1648</b>	<b>0.1295</b>	<b>0.0308</b>	<b>0.1187</b>	<b>0.1213</b>	<b>0.1291</b>	<b>0.1626</b>	<b>0.1738</b>	<b>0.1405</b>	<b>0.0293</b>



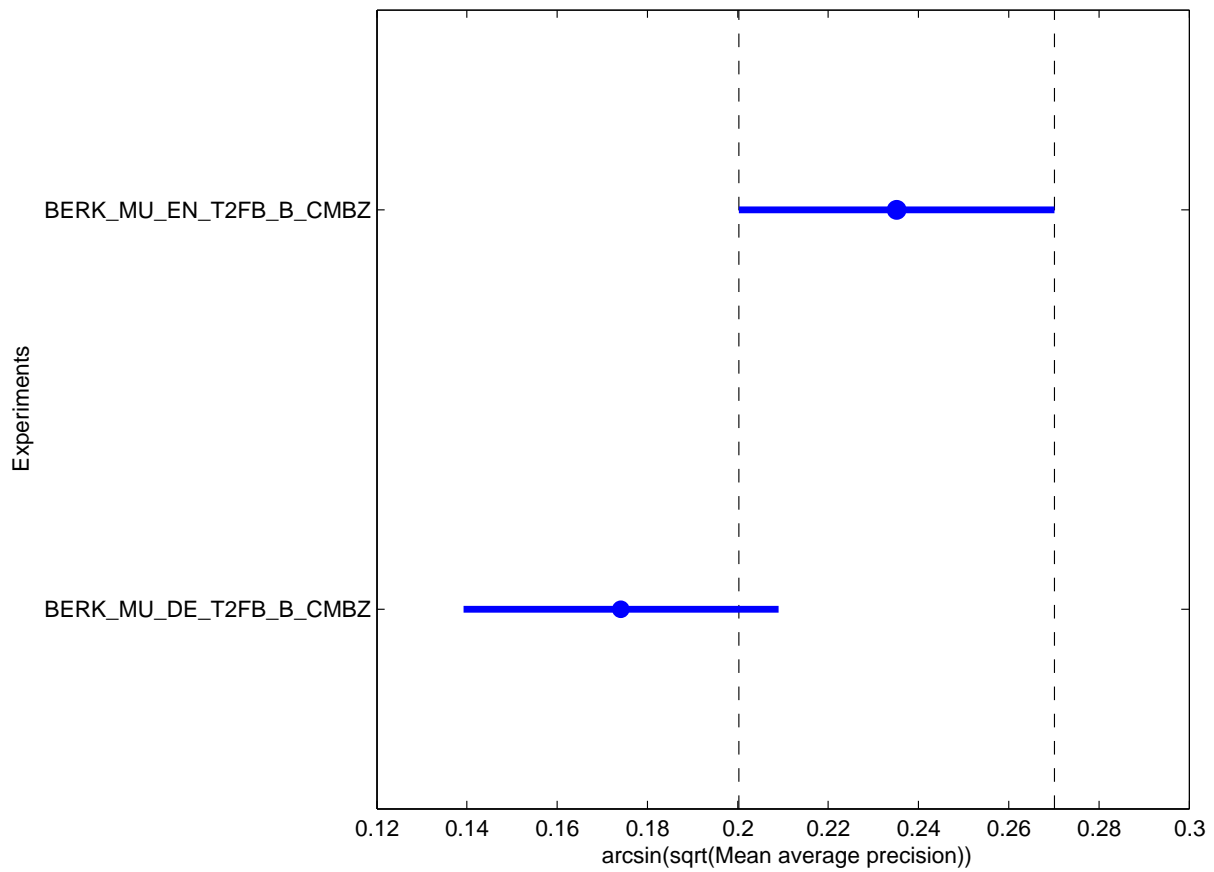


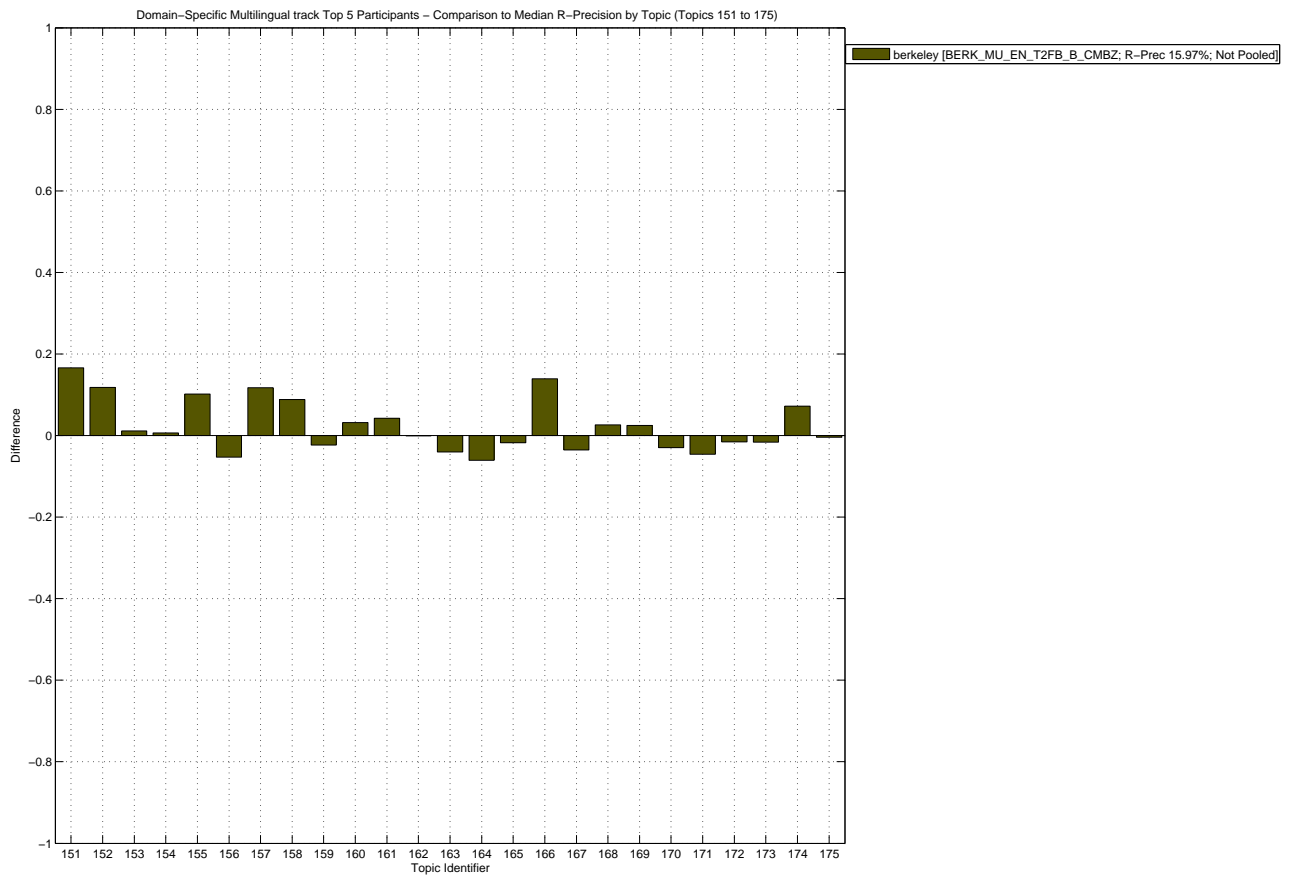
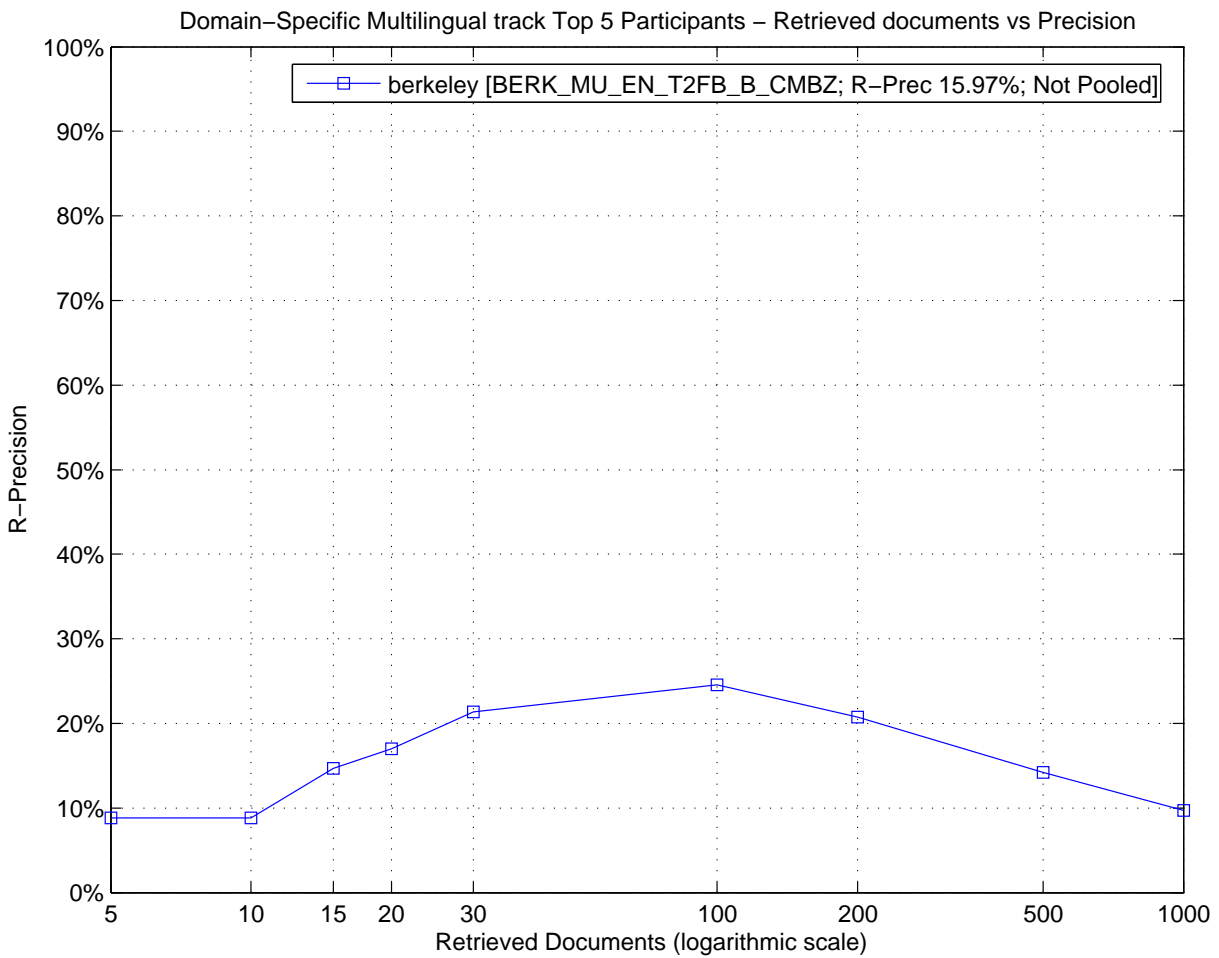
Domain-Specific Multilingual track – Box Plot of the Topics





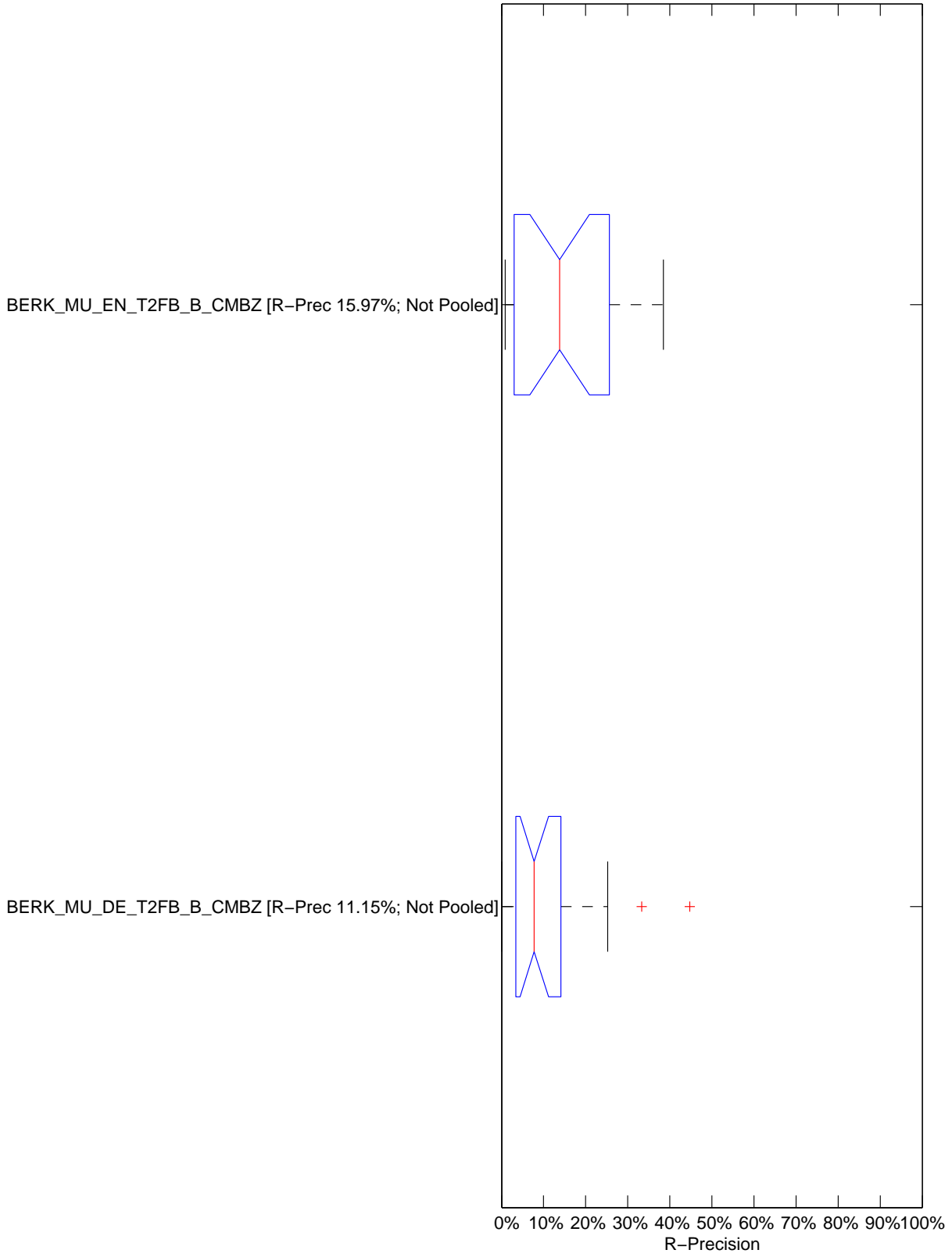
Domain-Specific Multilingual track – Tukey T test with "top group" highlighted



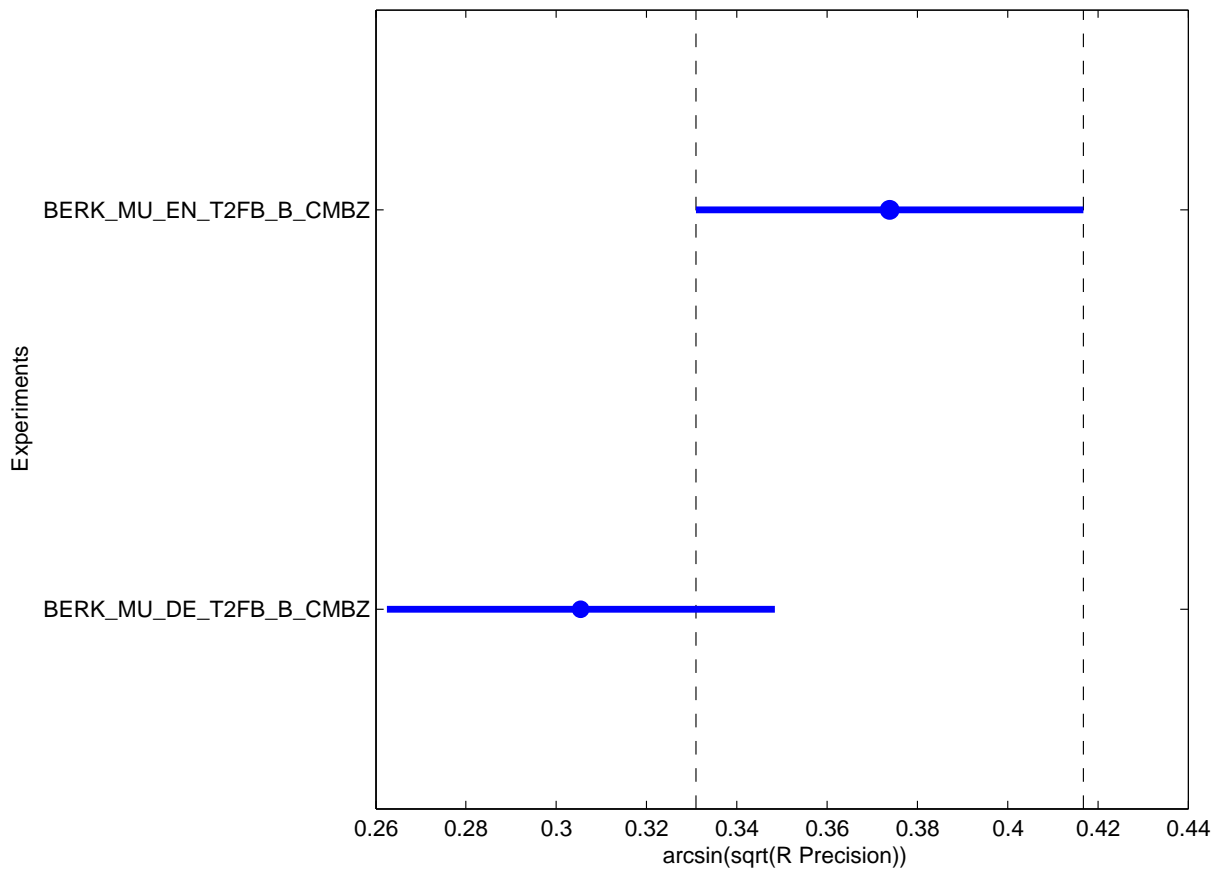


Experiments

Domain-Specific Multilingual track – Box Plot of the Topics



Domain-Specific Multilingual track – Tukey T test with "top group" highlighted



Topic	Average Precision							R-Precision						
	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std	Minimum	1st Q.	Median	3rd Q.	Maximum	Mean	Std
151	0.0112	0.0112	0.1282	0.2452	0.2452	0.1282	0.1654	0.0533	0.0533	0.2190	0.3848	0.3848	0.2190	0.2344
152	0.0001	0.0001	0.0444	0.0886	0.0886	0.0444	0.0626	0.0047	0.0047	0.1228	0.2409	0.2409	0.1228	0.1670
153	0.0916	0.0916	0.0990	0.1064	0.1064	0.0990	0.0105	0.2274	0.2274	0.2390	0.2506	0.2506	0.2390	0.0164
154	0.0342	0.0342	0.0386	0.0430	0.0430	0.0386	0.0062	0.1248	0.1248	0.1314	0.1379	0.1379	0.1314	0.0093
155	0.0072	0.0072	0.0558	0.1044	0.1044	0.0558	0.0687	0.0420	0.0420	0.1436	0.2452	0.2452	0.1436	0.1437
156	0.0105	0.0105	0.0374	0.0643	0.0643	0.0374	0.0380	0.0242	0.0242	0.0773	0.1304	0.1304	0.0773	0.0752
157	0.0512	0.0512	0.1393	0.2274	0.2274	0.1393	0.1246	0.1358	0.1358	0.2531	0.3704	0.3704	0.2531	0.1659
158	0.0062	0.0062	0.0602	0.1143	0.1143	0.0602	0.0764	0.0512	0.0512	0.1395	0.2279	0.2279	0.1395	0.1250
159	0.0029	0.0029	0.0148	0.0267	0.0267	0.0148	0.0169	0.0317	0.0317	0.0548	0.0778	0.0778	0.0548	0.0326
160	0.0017	0.0017	0.0110	0.0203	0.0203	0.0110	0.0132	0.0308	0.0308	0.0625	0.0942	0.0942	0.0625	0.0449
161	0.0961	0.0961	0.1446	0.1931	0.1931	0.1446	0.0686	0.2522	0.2522	0.2949	0.3376	0.3376	0.2949	0.0604
162	0.0016	0.0016	0.0023	0.0030	0.0030	0.0023	0.0010	0.0216	0.0216	0.0224	0.0232	0.0232	0.0224	0.0012
163	0.0041	0.0041	0.0147	0.0252	0.0252	0.0147	0.0149	0.0234	0.0234	0.0635	0.1035	0.1035	0.0635	0.0566
164	0.0138	0.0138	0.0342	0.0547	0.0547	0.0342	0.0289	0.0534	0.0534	0.1145	0.1756	0.1756	0.1145	0.0864
165	0.0033	0.0033	0.0137	0.0240	0.0240	0.0137	0.0146	0.0178	0.0178	0.0355	0.0533	0.0533	0.0355	0.0251
166	0.0028	0.0028	0.0757	0.1487	0.1487	0.0757	0.1031	0.0205	0.0205	0.1596	0.2986	0.2986	0.1596	0.1966
167	0.0062	0.0062	0.0129	0.0196	0.0196	0.0129	0.0095	0.0141	0.0141	0.0493	0.0845	0.0845	0.0493	0.0498
168	0.0421	0.0421	0.0485	0.0550	0.0550	0.0485	0.0091	0.1320	0.1320	0.1580	0.1840	0.1840	0.1580	0.0368
169	0.0003	0.0003	0.0098	0.0194	0.0194	0.0098	0.0135	0.0000	0.0000	0.0246	0.0492	0.0492	0.0246	0.0348
170	0.1457	0.1457	0.1705	0.1952	0.1952	0.1705	0.0350	0.2738	0.2738	0.3036	0.3333	0.3333	0.3036	0.0421
171	0.1986	0.1986	0.2669	0.3352	0.3352	0.2669	0.0966	0.3560	0.3560	0.4018	0.4476	0.4476	0.4018	0.0648
172	0.0423	0.0423	0.0445	0.0468	0.0468	0.0445	0.0031	0.1250	0.1250	0.1406	0.1562	0.1562	0.1406	0.0221
173	0.0058	0.0058	0.0146	0.0235	0.0235	0.0146	0.0125	0.0439	0.0439	0.0601	0.0763	0.0763	0.0601	0.0229
174	0.0039	0.0039	0.0427	0.0815	0.0815	0.0427	0.0549	0.0346	0.0346	0.1066	0.1787	0.1787	0.1066	0.1019
175	0.0013	0.0013	0.0015	0.0017	0.0017	0.0015	0.0003	0.0085	0.0085	0.0128	0.0171	0.0171	0.0128	0.0060
<b>ALL</b>	<b>0.0467</b>	<b>0.0467</b>	<b>0.0610</b>	<b>0.0753</b>	<b>0.0753</b>	<b>0.0610</b>	<b>0.0202</b>	<b>0.1115</b>	<b>0.1115</b>	<b>0.1356</b>	<b>0.1597</b>	<b>0.1597</b>	<b>0.1356</b>	<b>0.0341</b>



# **Individual Experiment Results and Graphs**





Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,359
Geometric Mean Average Precision	0.3399
Binary Preference (BPREF)	0.4599

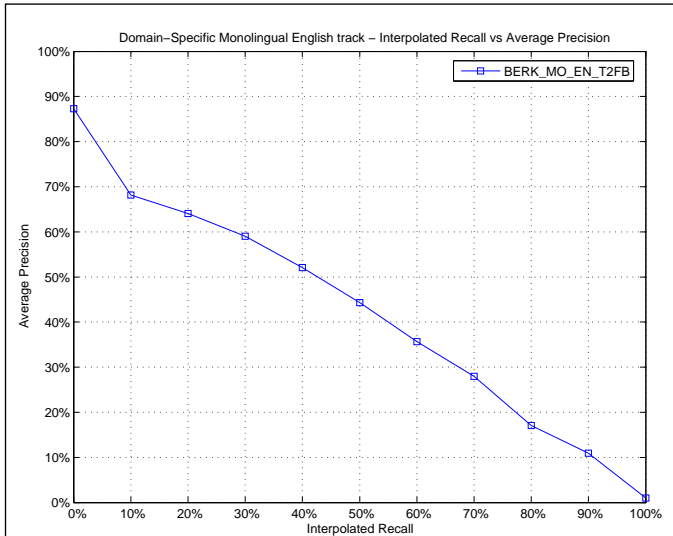
Priority	1
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true

Berkeley Trec2 algorithm with blind feedback

Interploated Recall (%)	Precision Averages (%)
0	87.29
10	68.16
20	64.06
30	59.01
40	52.10
50	44.34
60	35.68
70	27.98
80	17.04
90	10.92
100	0.97

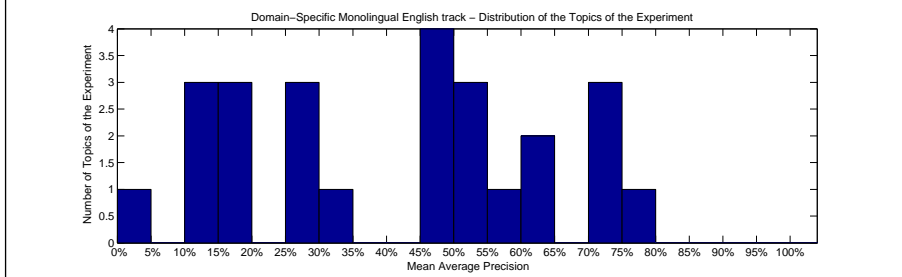
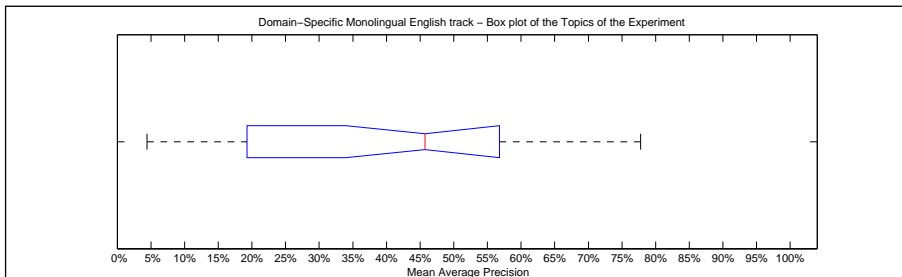
Average precision (non-interpolated) for all relevant documents (averaged over queries)

41.36



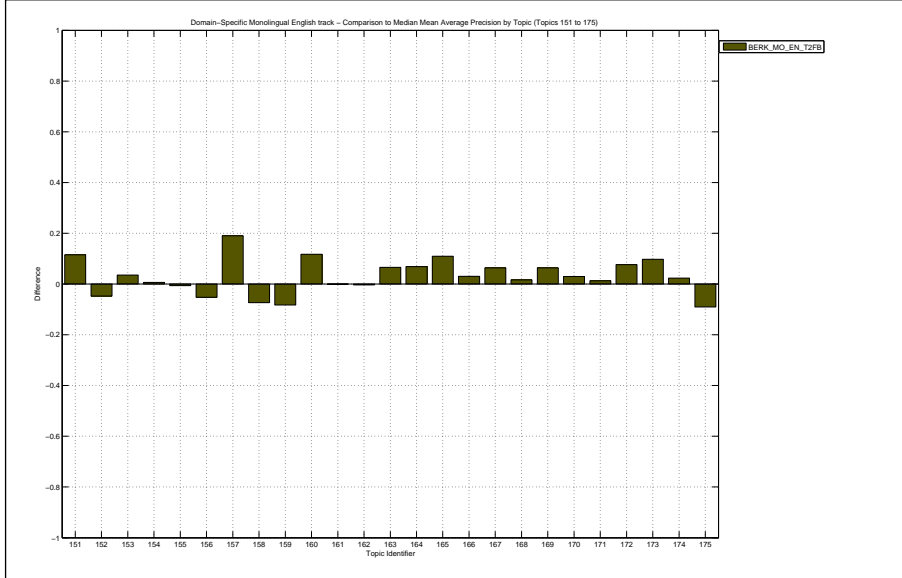
Mean Average Precision

Maximum	0.7779
Minimum	0.0442
First Quartile	0.1927
Second Quartile	0.4573
Third Quartile	0.5680
Interquartile range	0.3754
Mean	0.4136
Standard Deviation	0.2195
Lower Outlier Threshold	0.0442
Upper Outlier Threshold	0.7779
Mean With No Outliers	0.4136
Std With No Outliers	0.2195

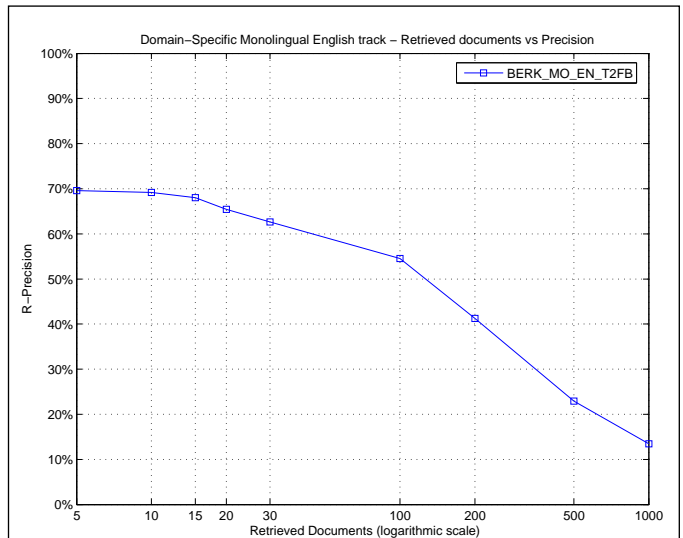


Precision averages (%) for individual queries

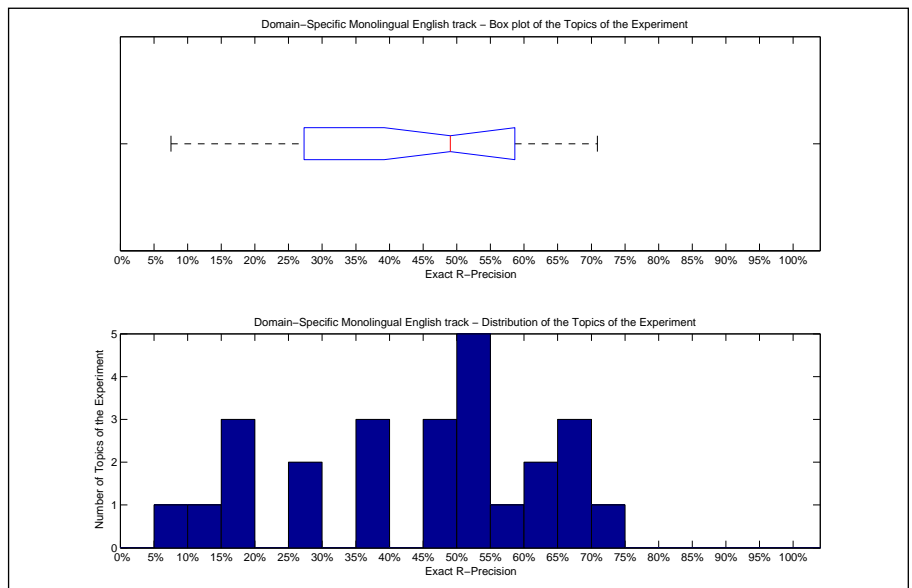
Topic 151	72.77	Topic 164	10.69
Topic 152	53.19	Topic 165	77.79
Topic 153	45.68	Topic 166	53.67
Topic 154	73.77	Topic 167	14.40
Topic 155	48.75	Topic 168	13.94
Topic 156	46.29	Topic 169	17.95
Topic 157	55.46	Topic 170	31.46
Topic 158	19.70	Topic 171	45.73
Topic 159	70.24	Topic 172	17.62
Topic 160	29.79	Topic 173	60.84
Topic 161	50.90	Topic 174	60.97
Topic 162	28.36	Topic 175	4.42
Topic 163	29.54		



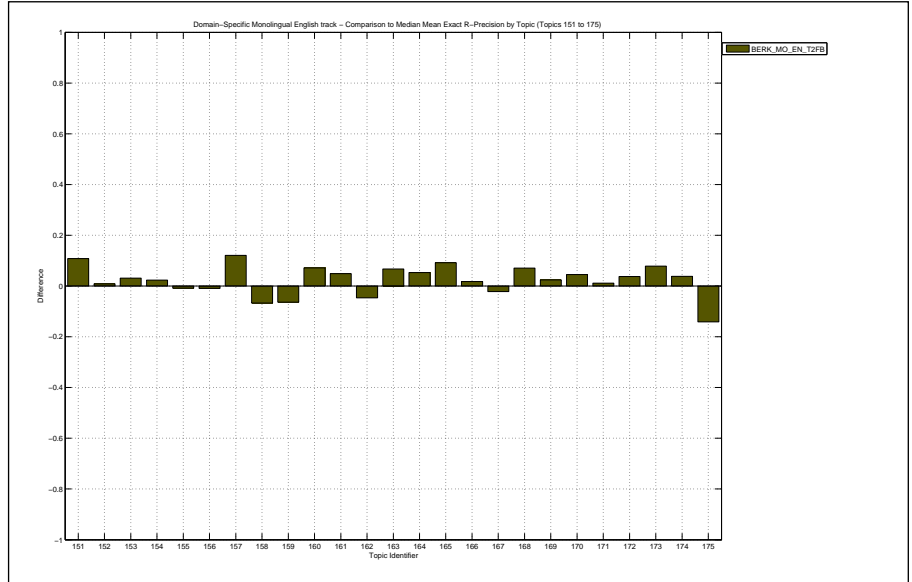
Docs Cutoff Levels	Precision at DCL (%)
5 docs	69.60
10 docs	69.20
15 docs	68.00
20 docs	65.40
30 docs	62.67
100 docs	54.56
200 docs	41.26
500 docs	22.92
1000 docs	13.44
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	44.19



Exact R-Precision	
Maximum	0.7090
Minimum	0.0755
First Quartile	0.2732
Second Quartile	0.4906
Third Quartile	0.5863
Interquartile range	0.3131
Mean	0.4419
Standard Deviation	0.1931
Lower Outlier Threshold	0.0755
Upper Outlier Threshold	0.7090
Mean With No Outliers	0.4419
Std With No Outliers	0.1931



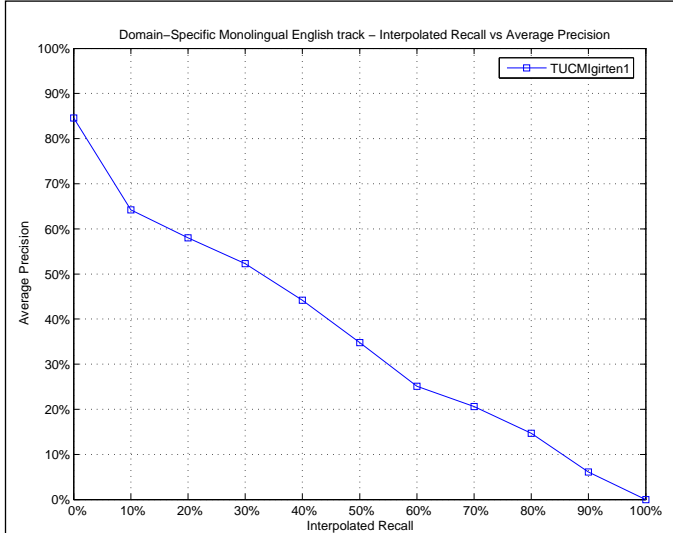
Precision averages (%) for individual queries			
Topic 151	67.84	Topic 164	14.47
Topic 152	58.06	Topic 165	70.00
Topic 153	46.71	Topic 166	53.12
Topic 154	69.49	Topic 167	17.39
Topic 155	51.32	Topic 168	26.26
Topic 156	49.06	Topic 169	16.67
Topic 157	52.63	Topic 170	45.45
Topic 158	27.68	Topic 171	51.10
Topic 159	70.90	Topic 172	17.50
Topic 160	38.87	Topic 173	60.33
Topic 161	53.54	Topic 174	64.33
Topic 162	35.14	Topic 175	7.55
Topic 163	39.44		



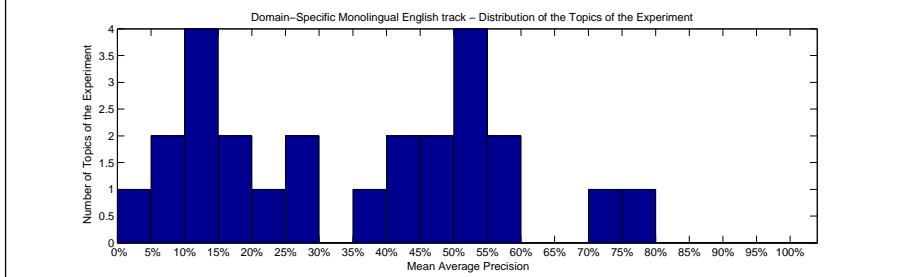
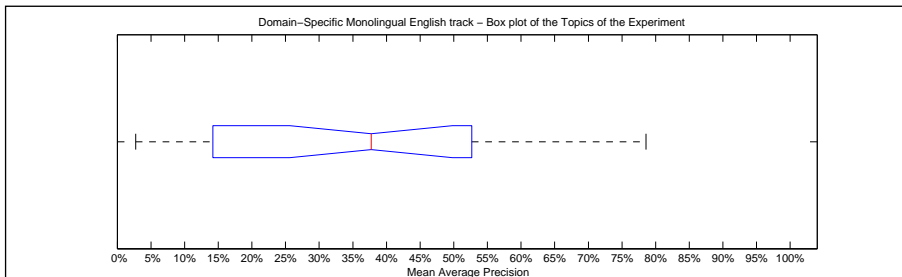
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,182
Geometric Mean Average Precision	0.2667
Binary Preference (BPREF)	0.4050

Priority	1
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
Snowball-Porter-QE-BF2	

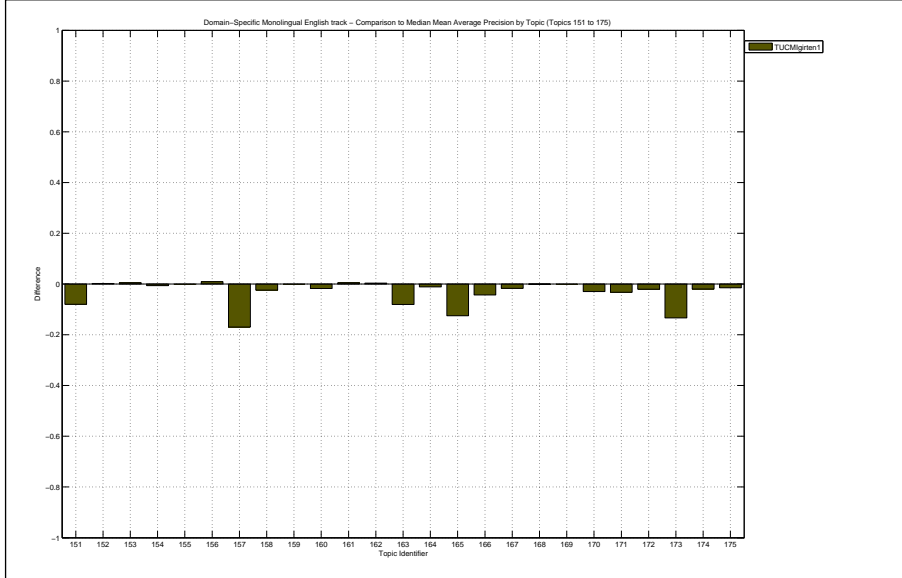
Interploated Recall (%)	Precision Averages (%)
0	84.59
10	64.20
20	57.99
30	52.31
40	44.17
50	34.75
60	25.08
70	20.57
80	14.67
90	6.07
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
35.10	



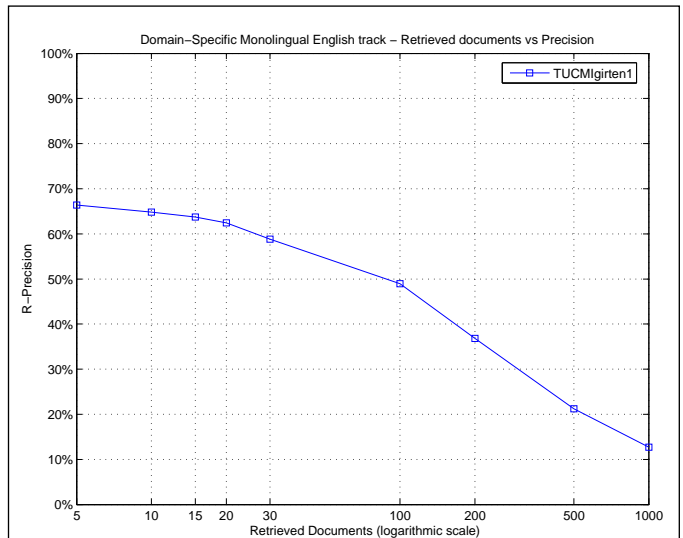
Mean Average Precision	
Maximum	0.7857
Minimum	0.0273
First Quartile	0.1420
Second Quartile	0.3773
Third Quartile	0.5269
Interquartile range	0.3849
Mean	0.3510
Standard Deviation	0.2185
Lower Outlier Threshold	0.0273
Upper Outlier Threshold	0.7857
Mean With No Outliers	0.3510
Std With No Outliers	0.2185



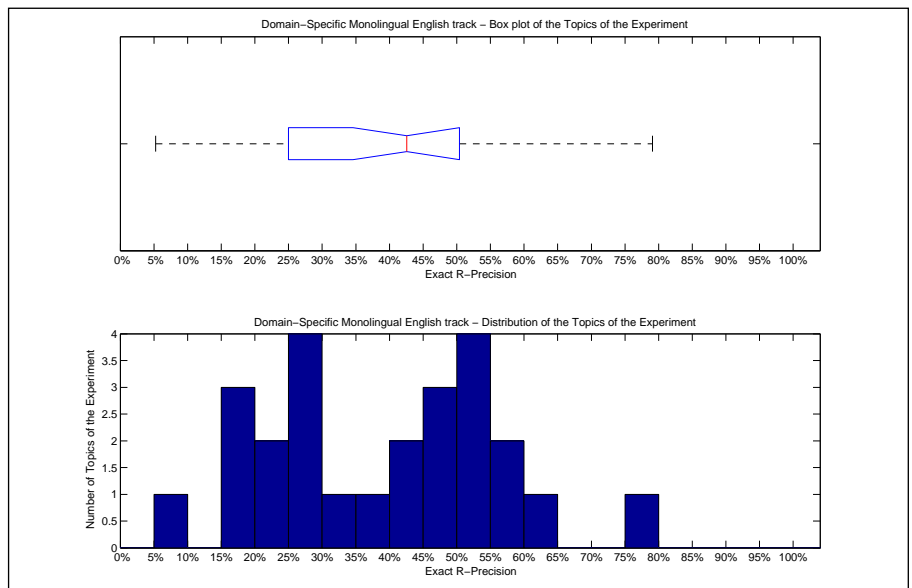
Precision averages (%) for individual queries			
Topic 151	53.31	Topic 164	2.73
Topic 152	58.17	Topic 165	54.31
Topic 153	42.69	Topic 166	46.30
Topic 154	72.48	Topic 167	6.34
Topic 155	49.36	Topic 168	12.24
Topic 156	52.48	Topic 169	11.62
Topic 157	19.52	Topic 170	25.47
Topic 158	24.68	Topic 171	41.22
Topic 159	78.57	Topic 172	7.92
Topic 160	16.26	Topic 173	37.73
Topic 161	51.46	Topic 174	56.68
Topic 162	29.02	Topic 175	11.99
Topic 163	14.85		



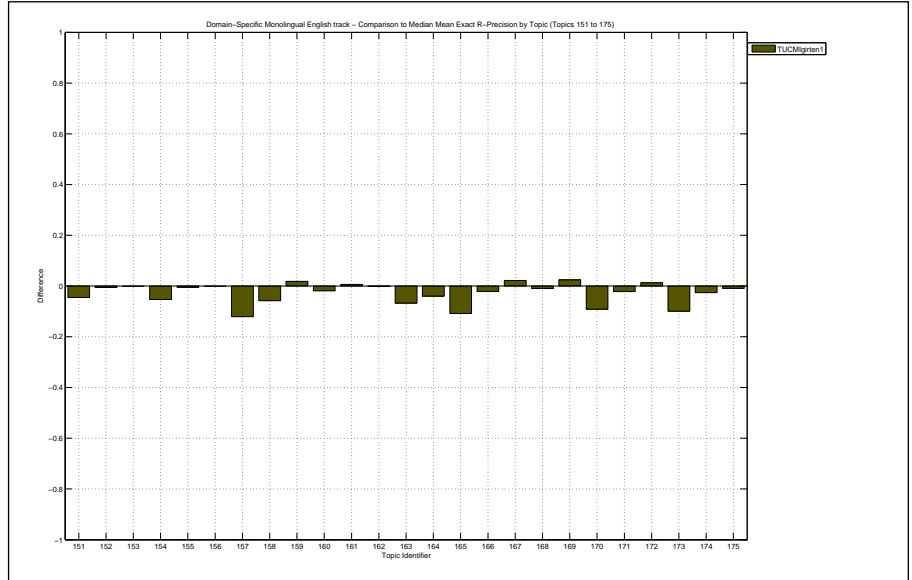
Docs Cutoff Levels	Precision at DCL (%)
5 docs	66.40
10 docs	64.80
15 docs	63.73
20 docs	62.40
30 docs	58.80
100 docs	48.96
200 docs	36.80
500 docs	21.20
1000 docs	12.73
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	38.96



Exact R-Precision	
Maximum	0.7910
Minimum	0.0526
First Quartile	0.2498
Second Quartile	0.4256
Third Quartile	0.5041
Interquartile range	0.2543
Mean	0.3896
Standard Deviation	0.1769
Lower Outlier Threshold	0.0526
Upper Outlier Threshold	0.7910
Mean With No Outliers	0.3896
Std With No Outliers	0.1769



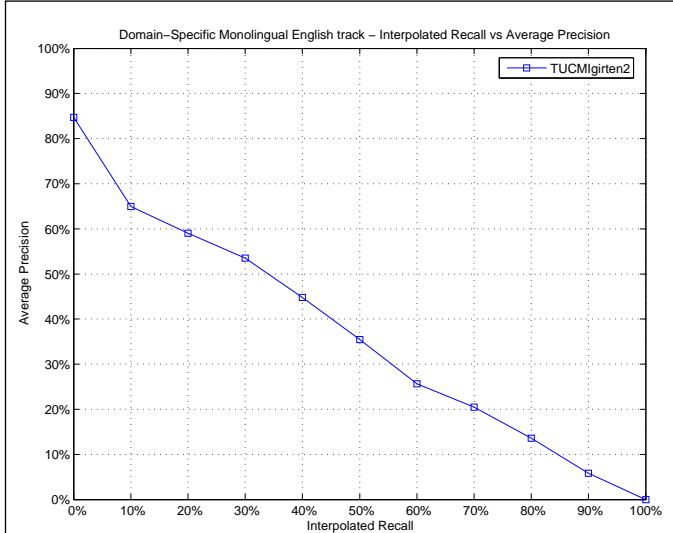
Precision averages (%) for individual queries			
Topic 151	52.55	Topic 164	5.26
Topic 152	56.60	Topic 165	50.00
Topic 153	43.60	Topic 166	49.22
Topic 154	61.86	Topic 167	21.74
Topic 155	51.64	Topic 168	18.18
Topic 156	50.00	Topic 169	16.67
Topic 157	28.42	Topic 170	31.82
Topic 158	28.57	Topic 171	47.80
Topic 159	79.10	Topic 172	15.00
Topic 160	29.81	Topic 173	42.56
Topic 161	49.34	Topic 174	57.89
Topic 162	39.62	Topic 175	20.75
Topic 163	26.06		



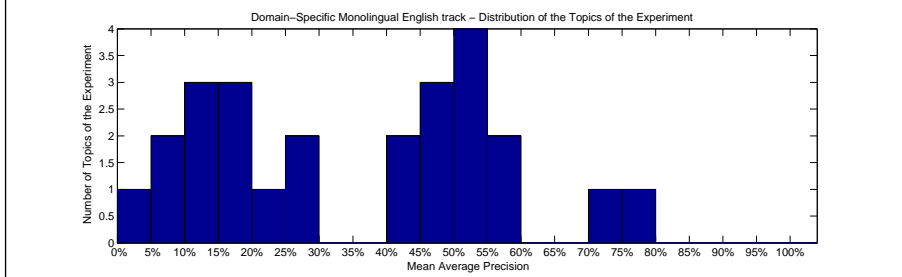
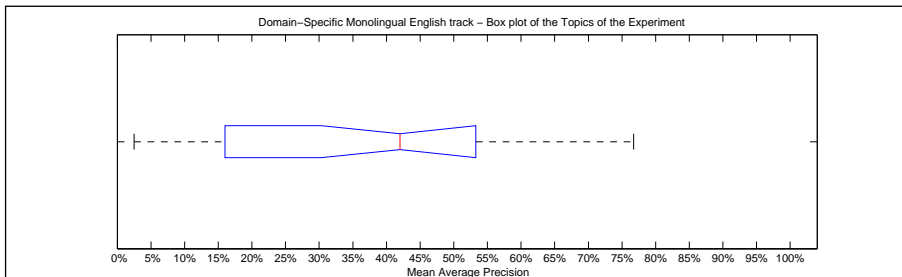
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,197
Geometric Mean Average Precision	0.2716
Binary Preference (BPREF)	0.4065

Priority	2
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
Snowball-Porter-QE-BF2-DC	

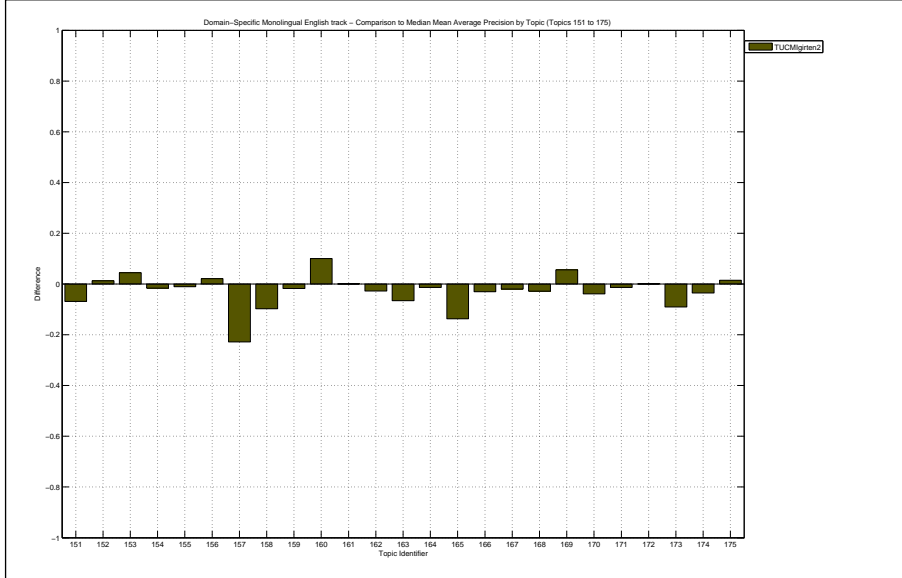
Interploated Recall (%)	Precision Averages (%)
0	84.71
10	64.96
20	59.01
30	53.49
40	44.82
50	35.45
60	25.64
70	20.44
80	13.58
90	5.79
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	35.53



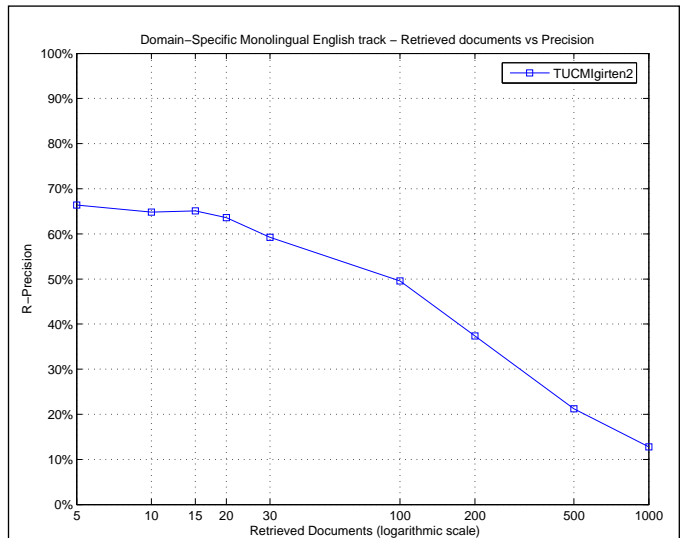
Mean Average Precision	
Maximum	0.7675
Minimum	0.0251
First Quartile	0.1601
Second Quartile	0.4202
Third Quartile	0.5327
Interquartile range	0.3726
Mean	0.3553
Standard Deviation	0.2160
Lower Outlier Threshold	0.0251
Upper Outlier Threshold	0.7675
Mean With No Outliers	0.3553
Std With No Outliers	0.2160



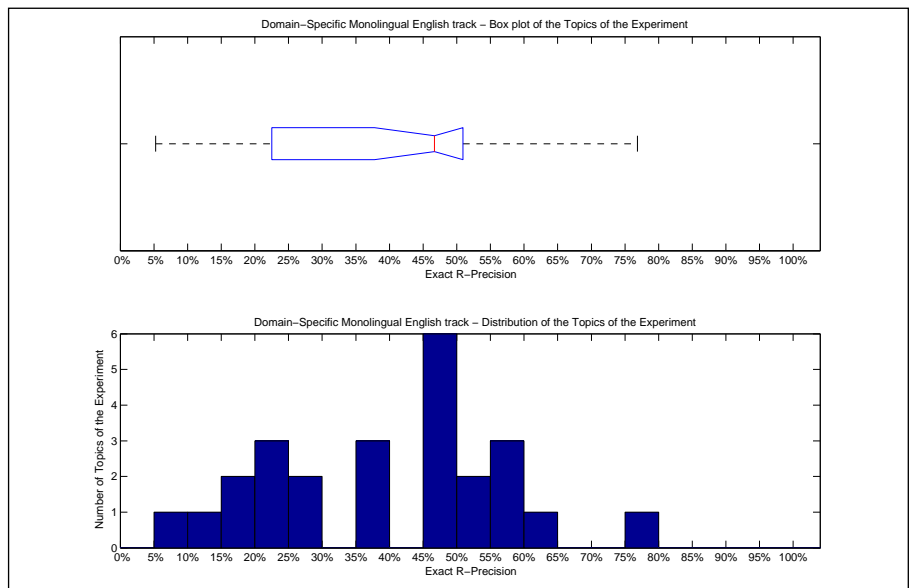
Precision averages (%) for individual queries			
Topic 151	54.38	Topic 164	2.51
Topic 152	59.19	Topic 165	53.13
Topic 153	46.60	Topic 166	47.57
Topic 154	71.48	Topic 167	6.04
Topic 155	48.28	Topic 168	9.49
Topic 156	53.68	Topic 169	17.19
Topic 157	13.61	Topic 170	24.55
Topic 158	17.31	Topic 171	43.09
Topic 159	76.75	Topic 172	10.02
Topic 160	28.07	Topic 173	42.02
Topic 161	51.02	Topic 174	55.11
Topic 162	25.90	Topic 175	14.99
Topic 163	16.34		



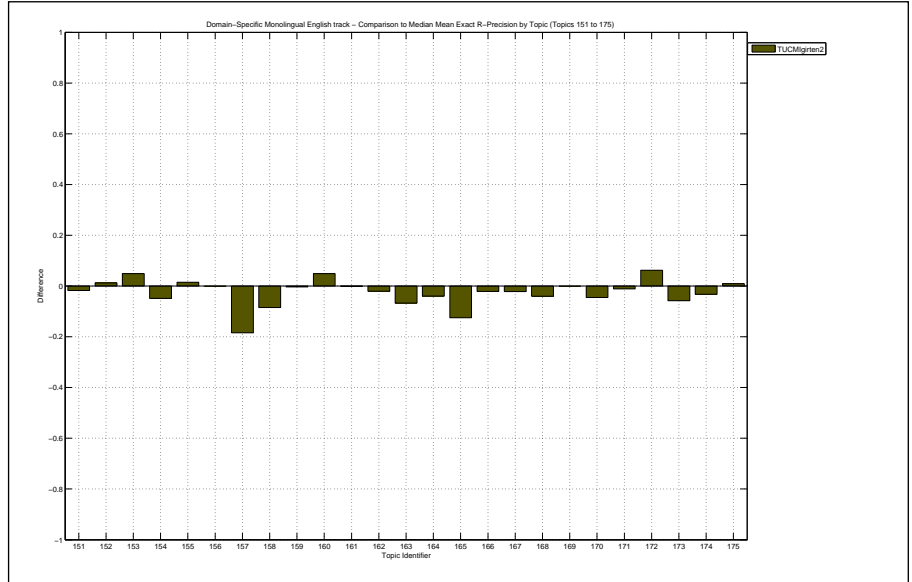
Docs Cutoff Levels	Precision at DCL (%)
5 docs	66.40
10 docs	64.80
15 docs	65.07
20 docs	63.60
30 docs	59.20
100 docs	49.56
200 docs	37.36
500 docs	21.25
1000 docs	12.79
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	39.33



Exact R-Precision	
Maximum	0.7687
Minimum	0.0526
First Quartile	0.2251
Second Quartile	0.4669
Third Quartile	0.5090
Interquartile range	0.2840
Mean	0.3933
Standard Deviation	0.1810
Lower Outlier Threshold	0.0526
Upper Outlier Threshold	0.7687
Mean With No Outliers	0.3933
Std With No Outliers	0.1810



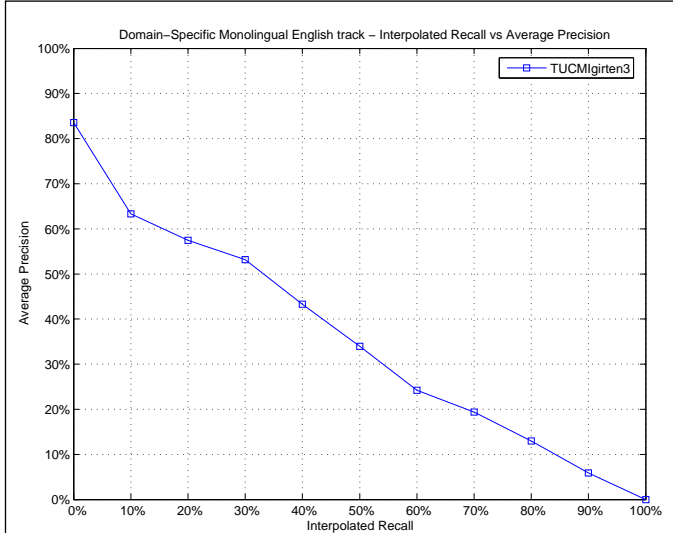
Precision averages (%) for individual queries			
Topic 151	55.29	Topic 164	5.26
Topic 152	58.36	Topic 165	48.33
Topic 153	48.44	Topic 166	49.22
Topic 154	62.29	Topic 167	17.39
Topic 155	53.62	Topic 168	15.15
Topic 156	50.00	Topic 169	14.29
Topic 157	22.11	Topic 170	36.36
Topic 158	25.89	Topic 171	48.90
Topic 159	76.87	Topic 172	20.00
Topic 160	36.60	Topic 173	46.69
Topic 161	48.56	Topic 174	57.31
Topic 162	37.70	Topic 175	22.64
Topic 163	26.06		



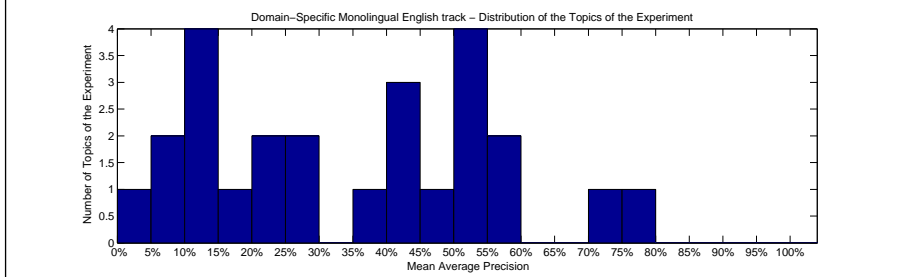
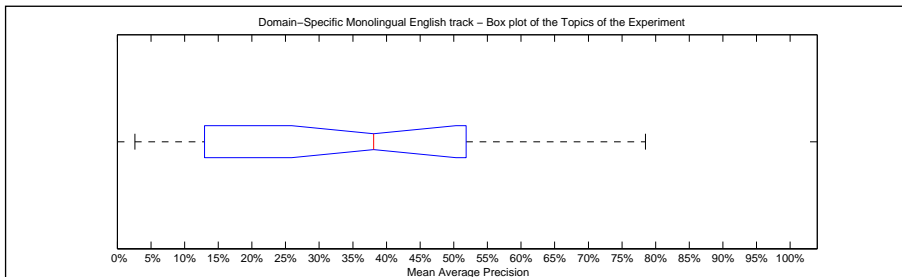
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,171
Geometric Mean Average Precision	0.2611
Binary Preference (BPREF)	0.4002

Priority	3
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
Snowball-Porter-QE-BF2-TC	

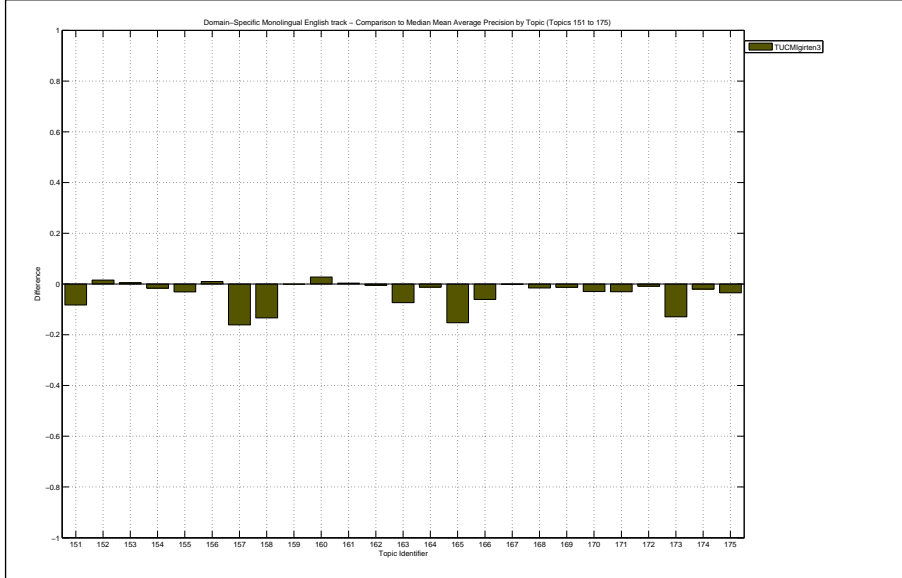
Interploated Recall (%)	Precision Averages (%)
0	83.53
10	63.29
20	57.46
30	53.20
40	43.30
50	33.96
60	24.24
70	19.37
80	13.00
90	5.87
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	34.50



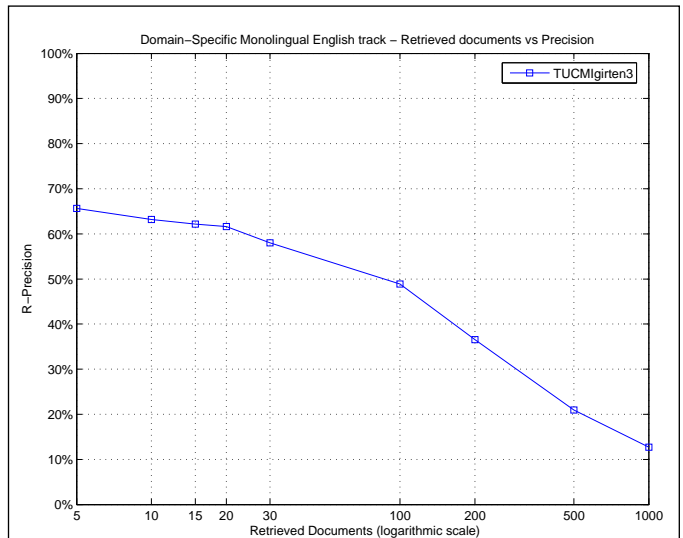
Mean Average Precision	
Maximum	0.7851
Minimum	0.0262
First Quartile	0.1296
Second Quartile	0.3810
Third Quartile	0.5182
Interquartile range	0.3887
Mean	0.3450
Standard Deviation	0.2184
Lower Outlier Threshold	0.0262
Upper Outlier Threshold	0.7851
Mean With No Outliers	0.3450
Std With No Outliers	0.2184



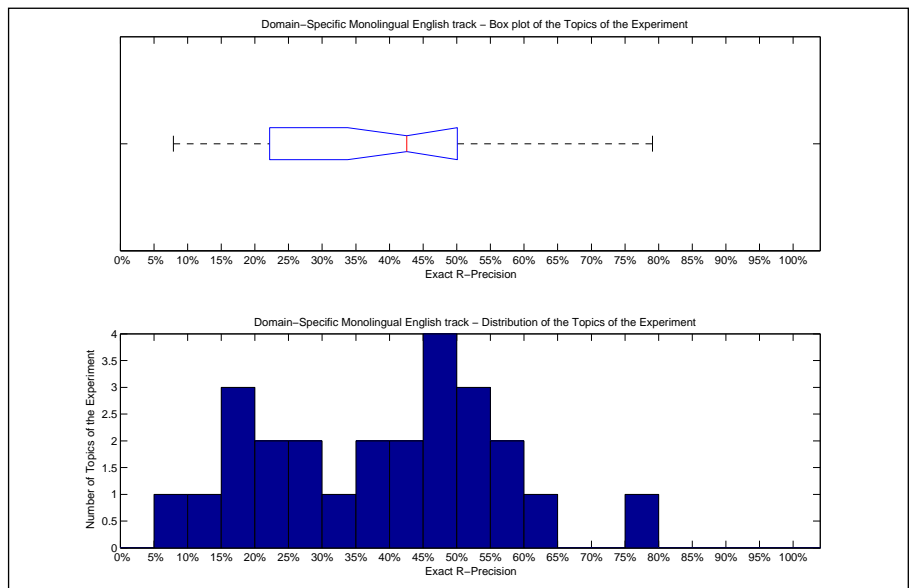
Precision averages (%) for individual queries			
Topic 151	53.01	Topic 164	2.62
Topic 152	59.48	Topic 165	51.58
Topic 153	42.69	Topic 166	44.57
Topic 154	71.48	Topic 167	7.92
Topic 155	46.24	Topic 168	10.75
Topic 156	52.54	Topic 169	10.33
Topic 157	20.38	Topic 170	25.47
Topic 158	13.69	Topic 171	41.40
Topic 159	78.51	Topic 172	9.11
Topic 160	20.76	Topic 173	38.10
Topic 161	51.32	Topic 174	56.68
Topic 162	28.16	Topic 175	10.03
Topic 163	15.59		



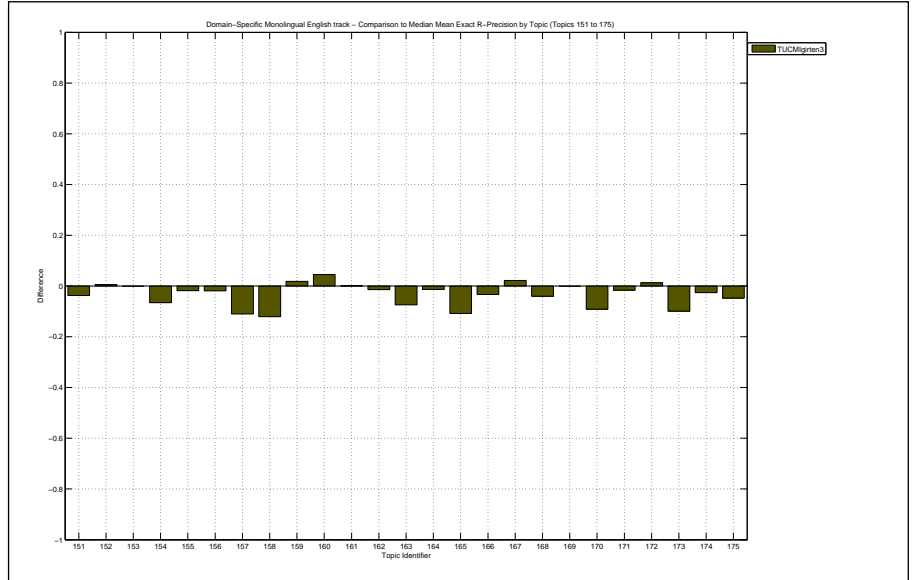
Docs Cutoff Levels	Precision at DCL (%)
5 docs	65.60
10 docs	63.20
15 docs	62.13
20 docs	61.60
30 docs	58.00
100 docs	48.88
200 docs	36.54
500 docs	20.95
1000 docs	12.68
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	38.52



Exact R-Precision	
Maximum	0.7910
Minimum	0.0789
First Quartile	0.2218
Second Quartile	0.4256
Third Quartile	0.5008
Interquartile range	0.2791
Mean	0.3852
Standard Deviation	0.1795
Lower Outlier Threshold	0.0789
Upper Outlier Threshold	0.7910
Mean With No Outliers	0.3852
Std With No Outliers	0.1795



Precision averages (%) for individual queries			
Topic 151	53.33	Topic 164	7.89
Topic 152	57.77	Topic 165	50.00
Topic 153	43.60	Topic 166	48.05
Topic 154	60.59	Topic 167	21.74
Topic 155	50.33	Topic 168	15.15
Topic 156	48.11	Topic 169	14.29
Topic 157	29.47	Topic 170	31.82
Topic 158	22.32	Topic 171	48.35
Topic 159	79.10	Topic 172	15.00
Topic 160	36.23	Topic 173	42.56
Topic 161	48.82	Topic 174	57.89
Topic 162	38.34	Topic 175	16.98
Topic 163	25.35		

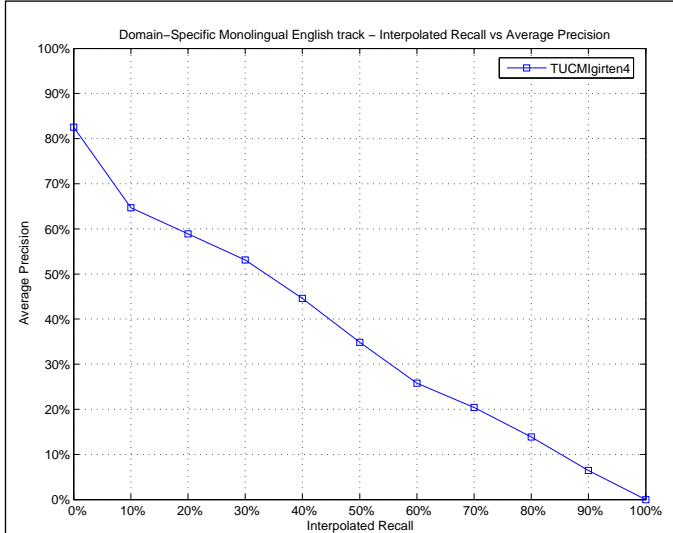




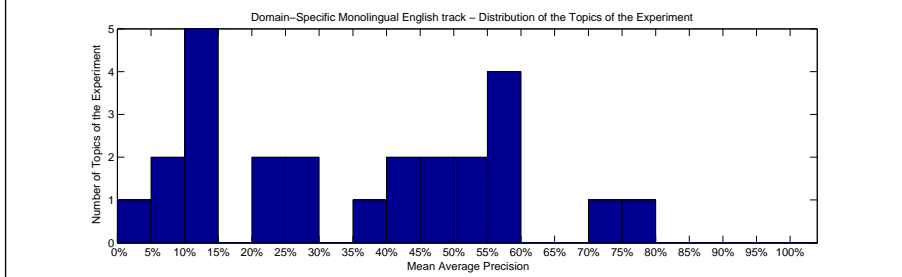
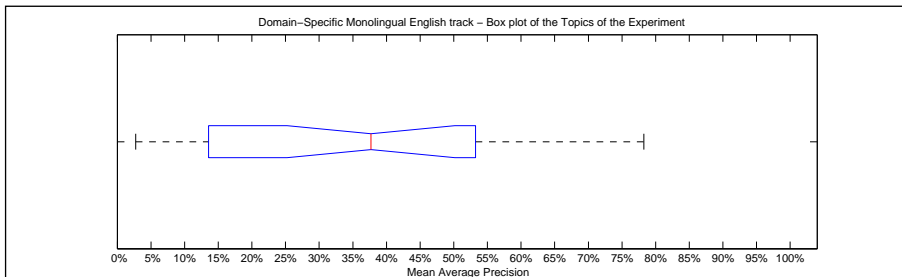
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,172
Geometric Mean Average Precision	0.2695
Binary Preference (BPREF)	0.4099

Priority	4
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
Snowball-Porter-QE-BF	

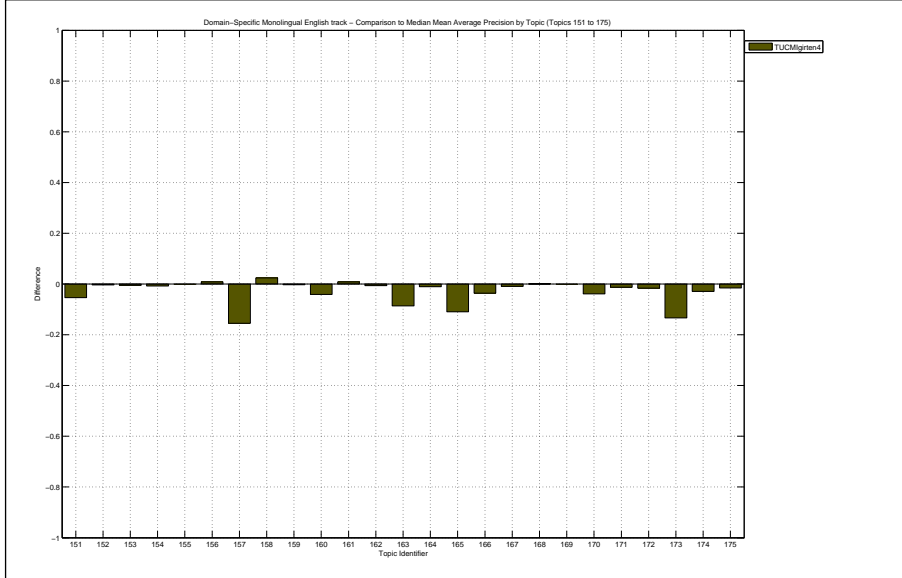
Interploated Recall (%)	Precision Averages (%)
0	82.51
10	64.65
20	58.86
30	53.11
40	44.57
50	34.86
60	25.77
70	20.39
80	13.89
90	6.43
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	35.38



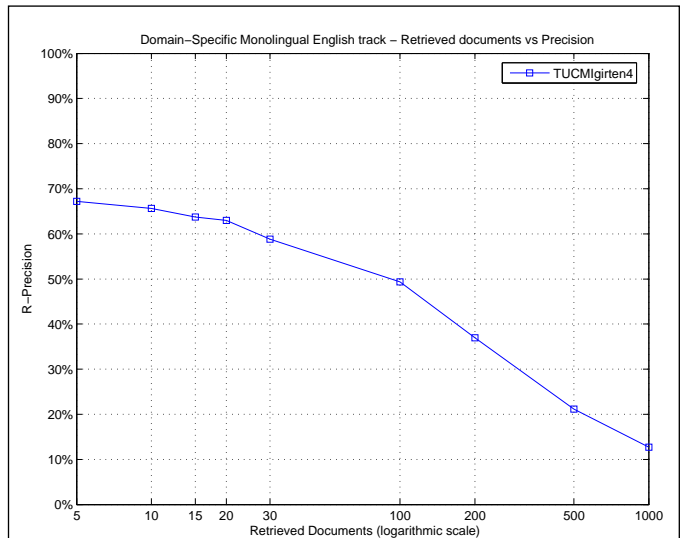
Mean Average Precision	
Maximum	0.7824
Minimum	0.0276
First Quartile	0.1356
Second Quartile	0.3770
Third Quartile	0.5323
Interquartile range	0.3967
Mean	0.3538
Standard Deviation	0.2189
Lower Outlier Threshold	0.0276
Upper Outlier Threshold	0.7824
Mean With No Outliers	0.3538
Std With No Outliers	0.2189



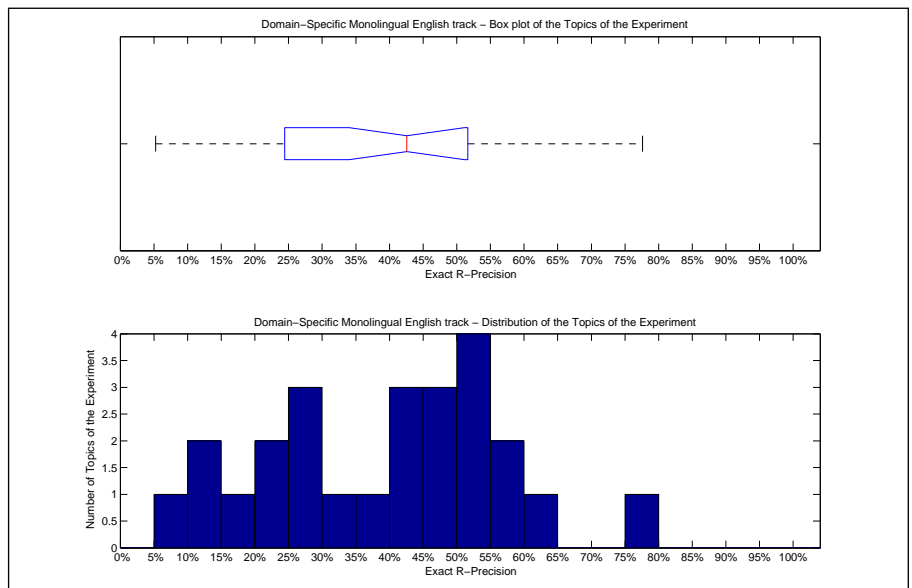
Precision averages (%) for individual queries			
Topic 151	55.92	Topic 164	2.76
Topic 152	57.60	Topic 165	55.85
Topic 153	41.66	Topic 166	47.03
Topic 154	72.37	Topic 167	7.14
Topic 155	49.36	Topic 168	12.38
Topic 156	52.37	Topic 169	11.59
Topic 157	21.00	Topic 170	24.54
Topic 158	29.44	Topic 171	43.14
Topic 159	78.24	Topic 172	8.35
Topic 160	13.95	Topic 173	37.70
Topic 161	51.82	Topic 174	55.80
Topic 162	28.05	Topic 175	11.97
Topic 163	14.35		



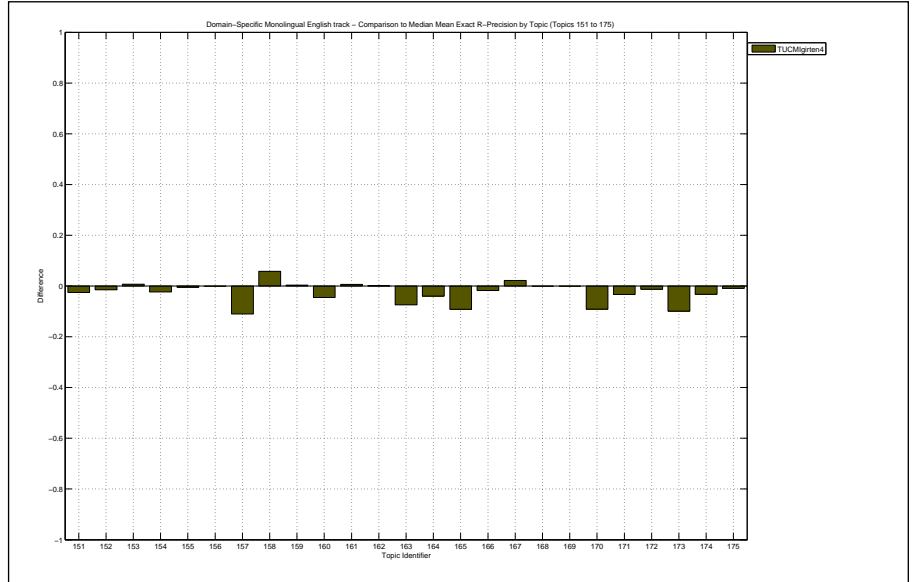
Docs Cutoff Levels	Precision at DCL (%)
5 docs	67.20
10 docs	65.60
15 docs	63.73
20 docs	63.00
30 docs	58.80
100 docs	49.36
200 docs	36.96
500 docs	21.17
1000 docs	12.69
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	39.34



Exact R-Precision	
Maximum	0.7761
Minimum	0.0526
First Quartile	0.2445
Second Quartile	0.4256
Third Quartile	0.5165
Interquartile range	0.2720
Mean	0.3934
Standard Deviation	0.1793
Lower Outlier Threshold	0.0526
Upper Outlier Threshold	0.7761
Mean With No Outliers	0.3934
Std With No Outliers	0.1793



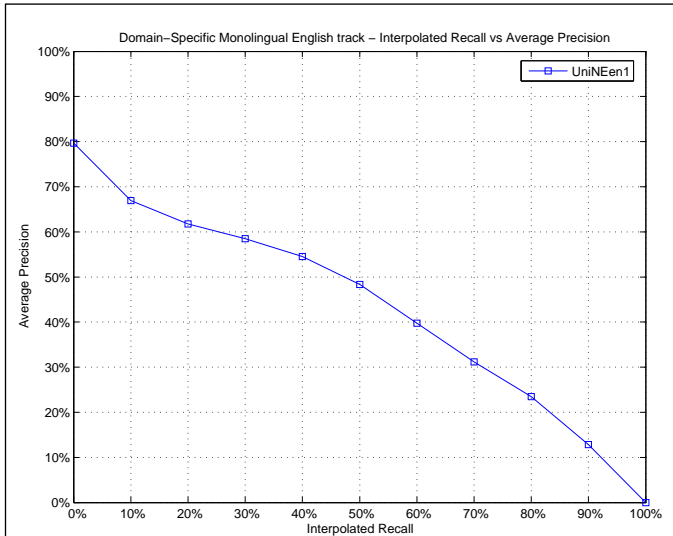
Precision averages (%) for individual queries			
Topic 151	54.51	Topic 164	5.26
Topic 152	55.72	Topic 165	51.67
Topic 153	44.29	Topic 166	49.61
Topic 154	64.83	Topic 167	21.74
Topic 155	51.64	Topic 168	19.19
Topic 156	50.00	Topic 169	14.29
Topic 157	29.47	Topic 170	31.82
Topic 158	40.18	Topic 171	46.70
Topic 159	77.61	Topic 172	12.50
Topic 160	27.17	Topic 173	42.56
Topic 161	49.34	Topic 174	57.31
Topic 162	39.94	Topic 175	20.75
Topic 163	25.35		



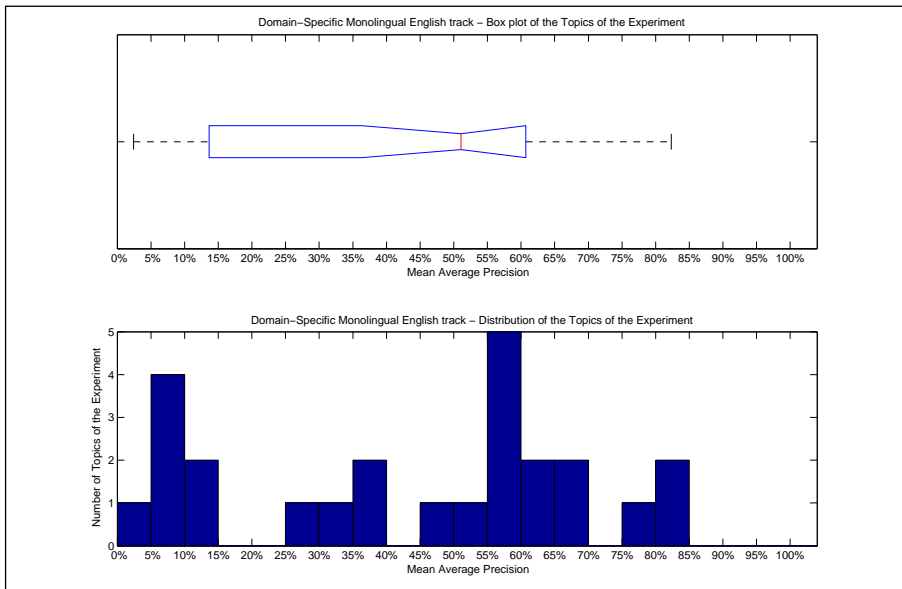
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,333
Geometric Mean Average Precision	0.3077
Binary Preference (BPREF)	0.4797

Priority	2
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
data fusion of DFR & LM	

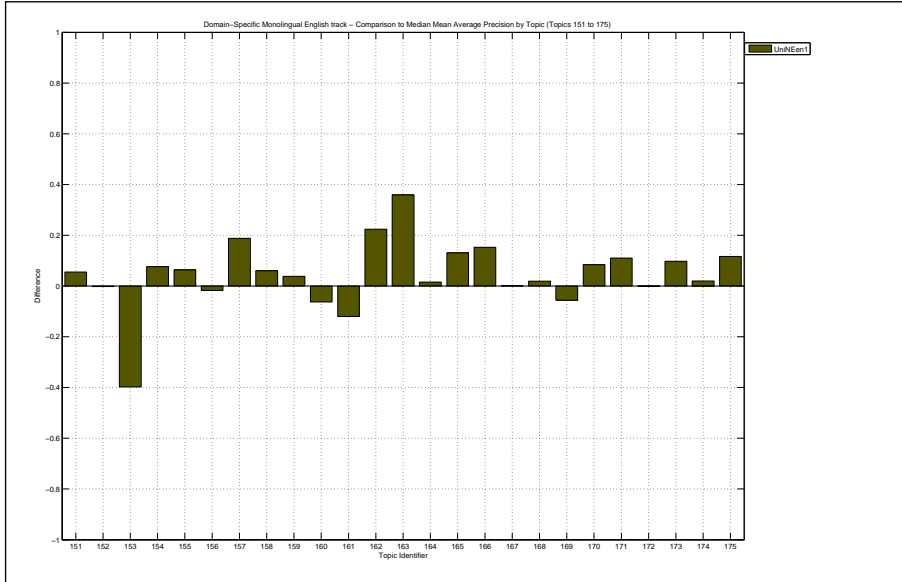
Interploated Recall (%)	Precision Averages (%)
0	79.65
10	66.93
20	61.74
30	58.47
40	54.56
50	48.30
60	39.77
70	31.15
80	23.49
90	12.86
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	42.92



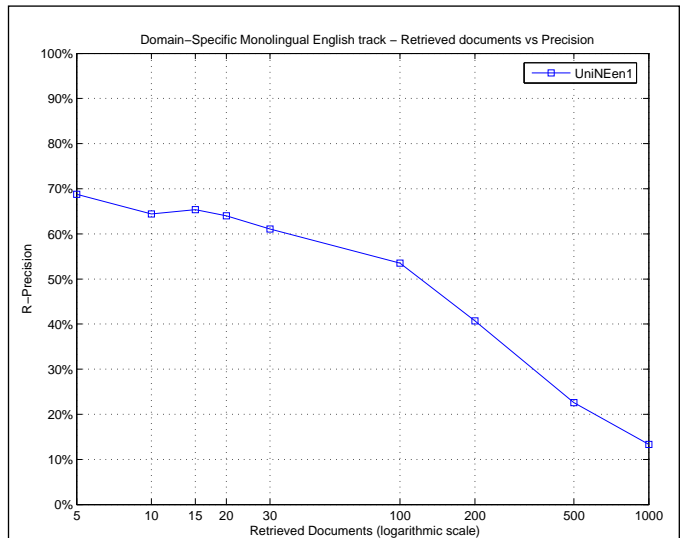
Mean Average Precision	
Maximum	0.8233
Minimum	0.0240
First Quartile	0.1363
Second Quartile	0.5108
Third Quartile	0.6070
Interquartile range	0.4707
Mean	0.4292
Standard Deviation	0.2591
Lower Outlier Threshold	0.0240
Upper Outlier Threshold	0.8233
Mean With No Outliers	0.4292
Std With No Outliers	0.2591



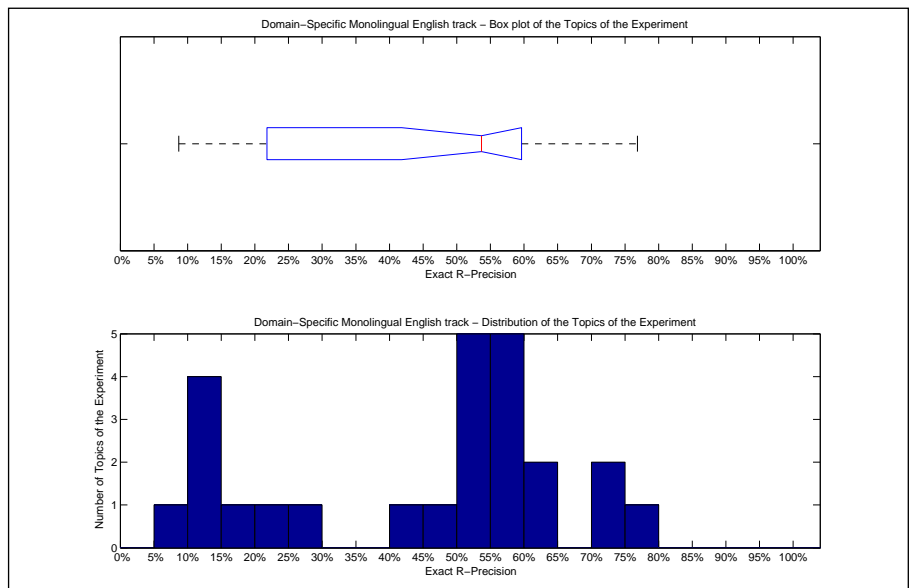
Precision averages (%) for individual queries			
Topic 151	66.78	Topic 164	5.39
Topic 152	57.71	Topic 165	79.89
Topic 153	2.40	Topic 166	65.87
Topic 154	80.72	Topic 167	8.17
Topic 155	55.72	Topic 168	14.25
Topic 156	49.80	Topic 169	6.00
Topic 157	55.27	Topic 170	36.86
Topic 158	33.06	Topic 171	55.46
Topic 159	82.33	Topic 172	9.90
Topic 160	11.78	Topic 173	60.84
Topic 161	38.95	Topic 174	60.66
Topic 162	51.08	Topic 175	25.15
Topic 163	58.85		



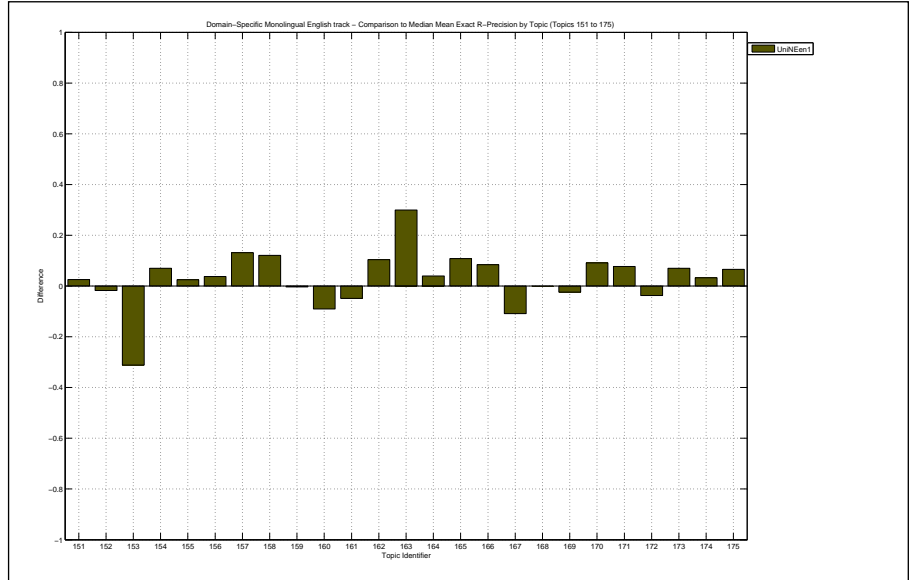
Docs Cutoff Levels	Precision at DCL (%)
5 docs	68.80
10 docs	64.40
15 docs	65.33
20 docs	64.00
30 docs	61.07
100 docs	53.48
200 docs	40.70
500 docs	22.56
1000 docs	13.33
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	44.80



Exact R-Precision	
Maximum	0.7687
Minimum	0.0870
First Quartile	0.2178
Second Quartile	0.5368
Third Quartile	0.5965
Interquartile range	0.3787
Mean	0.4480
Standard Deviation	0.2199
Lower Outlier Threshold	0.0870
Upper Outlier Threshold	0.7687
Mean With No Outliers	0.4480
Std With No Outliers	0.2199



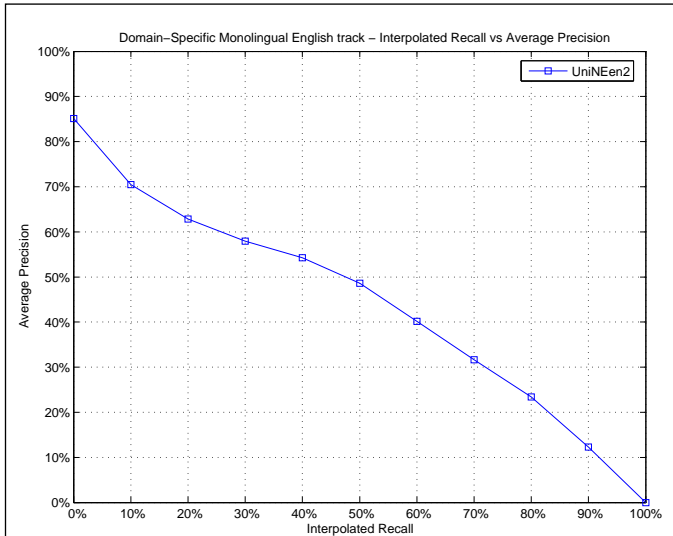
Precision averages (%) for individual queries			
Topic 151	59.61	Topic 164	13.16
Topic 152	55.43	Topic 165	71.67
Topic 153	12.46	Topic 166	59.77
Topic 154	74.15	Topic 167	8.70
Topic 155	54.61	Topic 168	19.19
Topic 156	53.77	Topic 169	11.90
Topic 157	53.68	Topic 170	50.00
Topic 158	46.43	Topic 171	57.69
Topic 159	76.87	Topic 172	10.00
Topic 160	22.64	Topic 173	59.50
Topic 161	43.83	Topic 174	63.74
Topic 162	50.16	Topic 175	28.30
Topic 163	62.68		



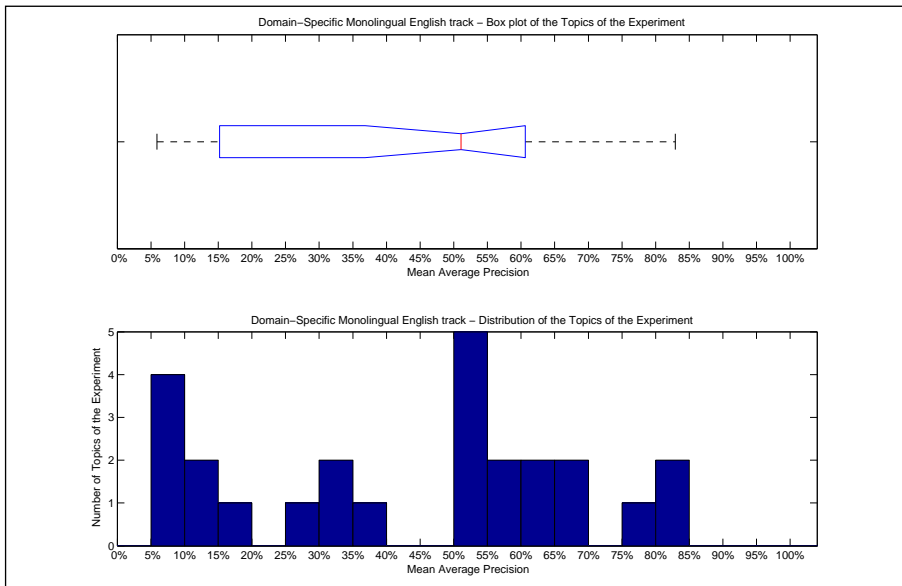
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,325
Geometric Mean Average Precision	0.3248
Binary Preference (BPREF)	0.4849

Priority	3
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
data fusion of DFR, LM & Okapi	

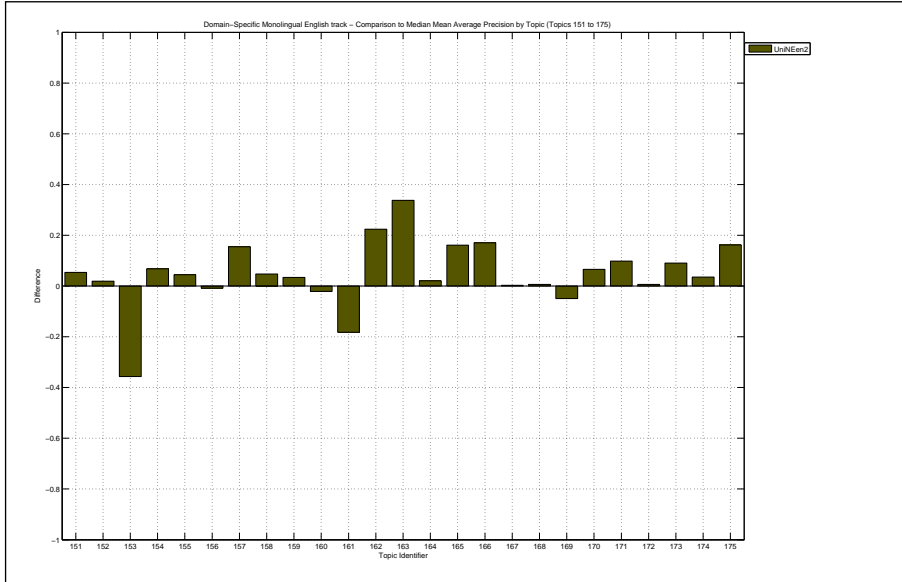
Interploated Recall (%)	Precision Averages (%)
0	85.08
10	70.48
20	62.81
30	57.92
40	54.23
50	48.63
60	40.16
70	31.64
80	23.42
90	12.32
100	0.00
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	43.03



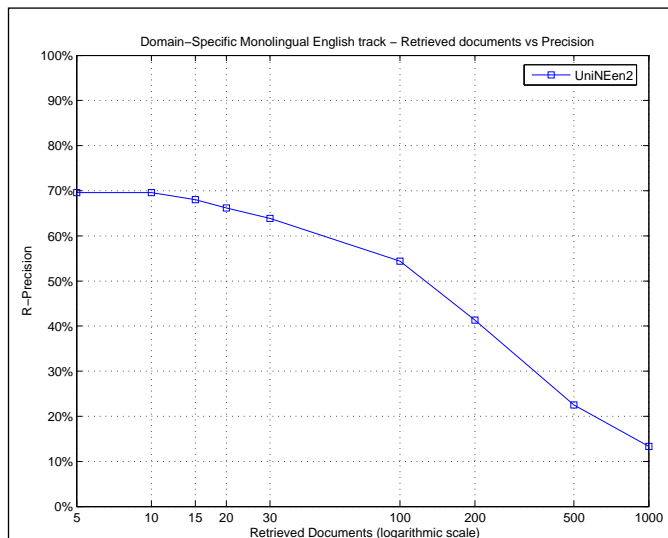
Mean Average Precision	
Maximum	0.8293
Minimum	0.0591
First Quartile	0.1520
Second Quartile	0.5107
Third Quartile	0.6062
Interquartile range	0.4542
Mean	0.4303
Standard Deviation	0.2550
Lower Outlier Threshold	0.0591
Upper Outlier Threshold	0.8293
Mean With No Outliers	0.4303
Std With No Outliers	0.2550



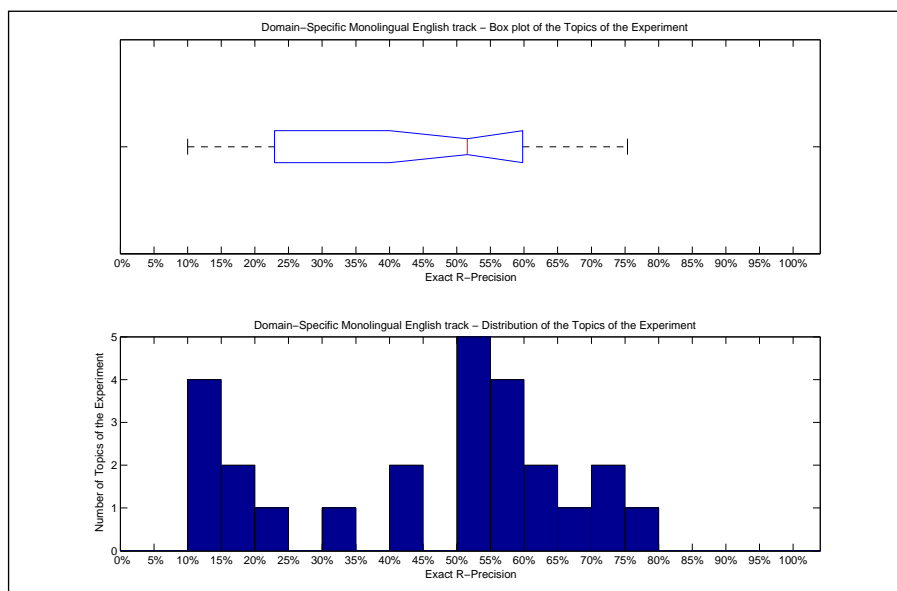
Precision averages (%) for individual queries			
Topic 151	66.61	Topic 164	5.91
Topic 152	59.82	Topic 165	82.93
Topic 153	6.53	Topic 166	67.62
Topic 154	79.89	Topic 167	8.34
Topic 155	53.78	Topic 168	12.95
Topic 156	50.74	Topic 169	6.64
Topic 157	51.92	Topic 170	35.04
Topic 158	31.76	Topic 171	54.23
Topic 159	81.95	Topic 172	10.61
Topic 160	15.94	Topic 173	60.10
Topic 161	32.72	Topic 174	62.19
Topic 162	51.07	Topic 175	29.69
Topic 163	56.73		



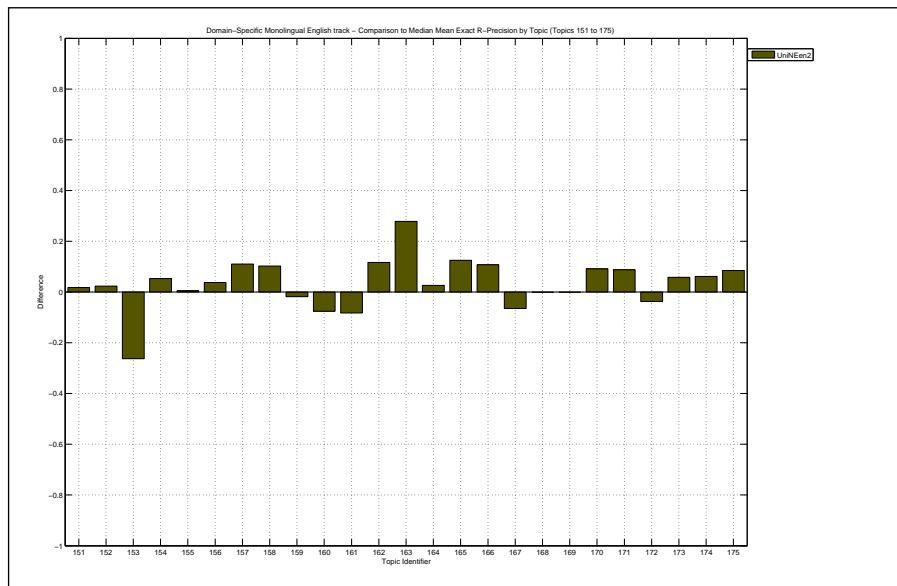
Docs Cutoff Levels	Precision at DCL (%)
5 docs	69.60
10 docs	69.60
15 docs	68.00
20 docs	66.20
30 docs	63.87
100 docs	54.36
200 docs	41.30
500 docs	22.50
1000 docs	13.30
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	45.22



Exact R-Precision	
Maximum	0.7537
Minimum	0.1000
First Quartile	0.2291
Second Quartile	0.5158
Third Quartile	0.5979
Interquartile range	0.3688
Mean	0.4522
Standard Deviation	0.2130
Lower Outlier Threshold	0.1000
Upper Outlier Threshold	0.7537
Mean With No Outliers	0.4522
Std With No Outliers	0.2130



Precision averages (%) for individual queries			
Topic 151	58.82	Topic 164	11.84
Topic 152	59.53	Topic 165	73.33
Topic 153	17.30	Topic 166	62.11
Topic 154	72.46	Topic 167	13.04
Topic 155	52.63	Topic 168	19.19
Topic 156	53.77	Topic 169	14.29
Topic 157	51.58	Topic 170	50.00
Topic 158	44.64	Topic 171	58.79
Topic 159	75.37	Topic 172	10.00
Topic 160	24.15	Topic 173	58.26
Topic 161	40.42	Topic 174	66.67
Topic 162	51.44	Topic 175	30.19
Topic 163	60.56		



Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	3,396
Geometric Mean Average Precision	0.3806
Binary Preference (BPREF)	0.5063

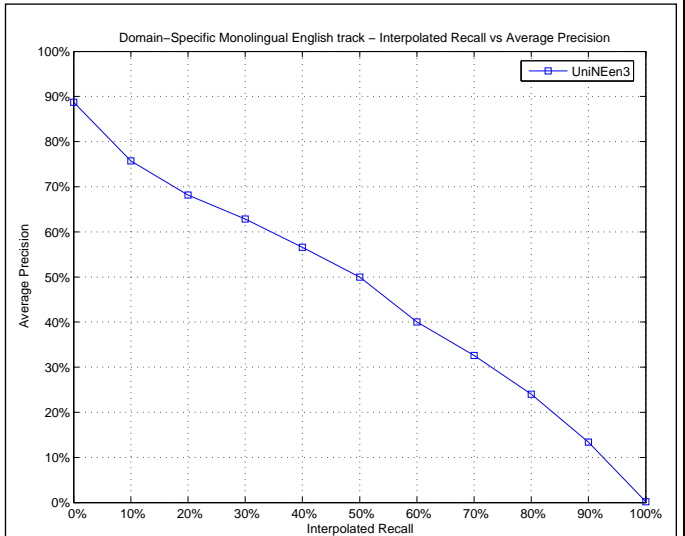
Priority	1
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description, narrative
Pooled	true

data fusion of DFR, LM & Okapi

Interploated Recall (%)	Precision Averages (%)
0	88.72
10	75.70
20	68.18
30	62.82
40	56.57
50	49.95
60	40.01
70	32.60
80	23.99
90	13.41
100	0.19

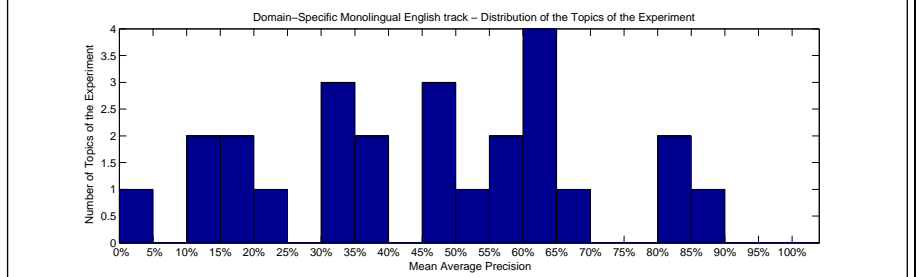
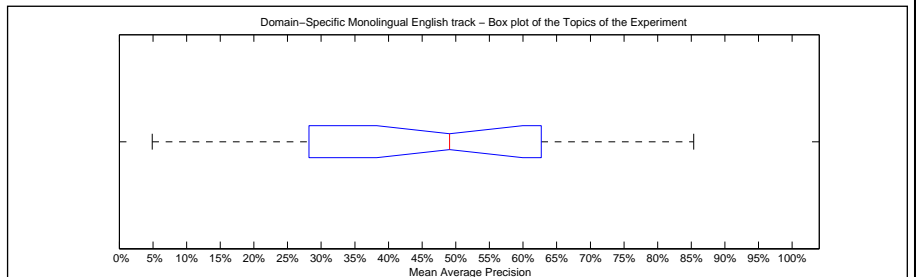
Average precision (non-interpolated) for all relevant documents (averaged over queries)

45.76



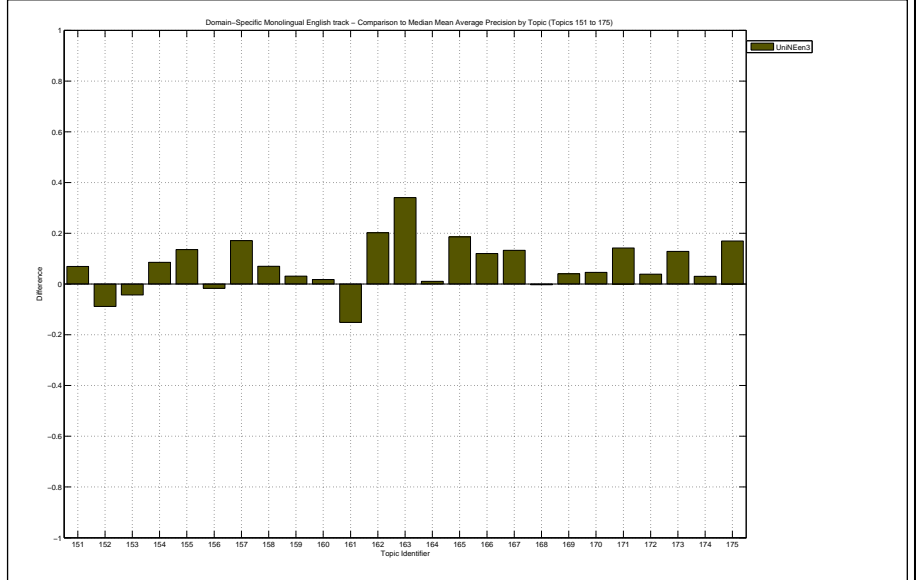
Mean Average Precision

Maximum	0.8538
Minimum	0.0491
First Quartile	0.2818
Second Quartile	0.4910
Third Quartile	0.6269
Interquartile range	0.3452
Mean	0.4576
Standard Deviation	0.2318
Lower Outlier Threshold	0.0491
Upper Outlier Threshold	0.8538
Mean With No Outliers	0.4576
Std With No Outliers	0.2318

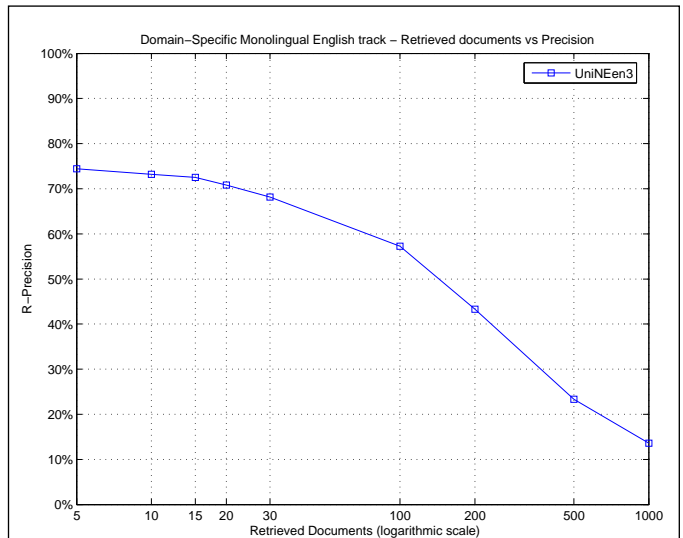


Precision averages (%) for individual queries

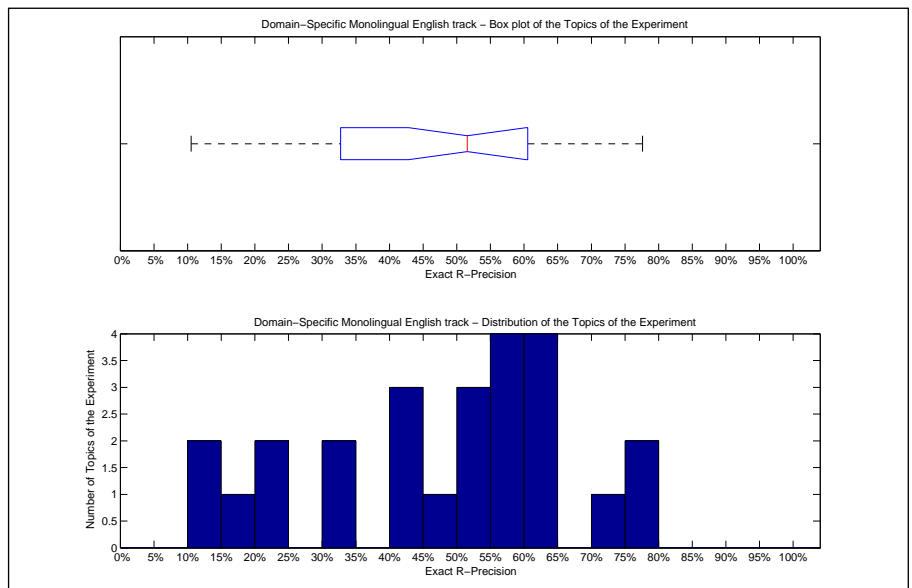
Topic 151	68.21	Topic 164	4.91
Topic 152	49.10	Topic 165	85.38
Topic 153	37.89	Topic 166	62.61
Topic 154	81.69	Topic 167	21.34
Topic 155	62.94	Topic 168	12.04
Topic 156	49.84	Topic 169	15.63
Topic 157	53.52	Topic 170	33.08
Topic 158	34.07	Topic 171	58.65
Topic 159	81.63	Topic 172	13.82
Topic 160	19.81	Topic 173	63.91
Topic 161	35.87	Topic 174	61.74
Topic 162	48.90	Topic 175	30.45
Topic 163	57.00		



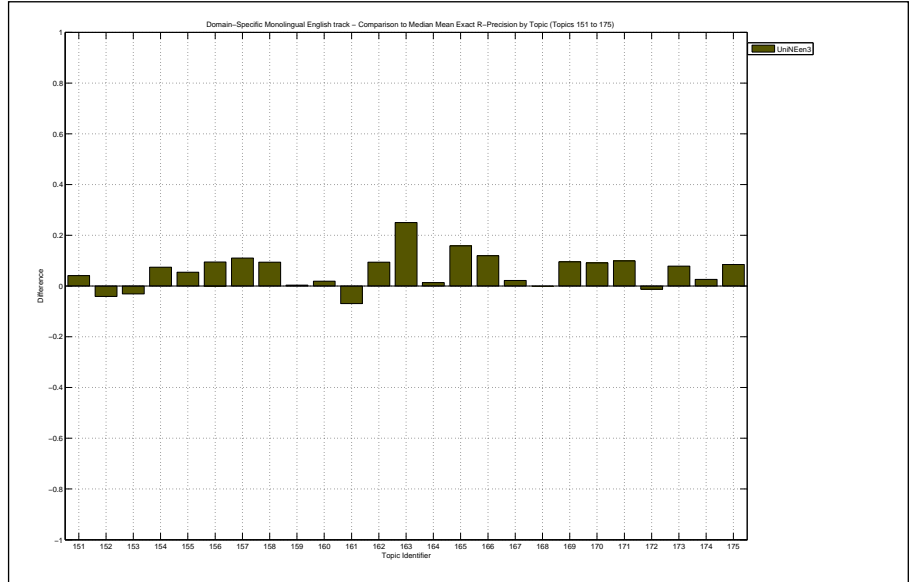
Docs Cutoff Levels	Precision at DCL (%)
5 docs	74.40
10 docs	73.20
15 docs	72.53
20 docs	70.80
30 docs	68.13
100 docs	57.28
200 docs	43.28
500 docs	23.34
1000 docs	13.58
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	47.71



Exact R-Precision	
Maximum	0.7761
Minimum	0.1053
First Quartile	0.3274
Second Quartile	0.5158
Third Quartile	0.6054
Interquartile range	0.2781
Mean	0.4771
Standard Deviation	0.1947
Lower Outlier Threshold	0.1053
Upper Outlier Threshold	0.7761
Mean With No Outliers	0.4771
Std With No Outliers	0.1947



Precision averages (%) for individual queries			
Topic 151	61.18	Topic 164	10.53
Topic 152	53.08	Topic 165	76.67
Topic 153	40.48	Topic 166	63.28
Topic 154	74.58	Topic 167	21.74
Topic 155	57.57	Topic 168	19.19
Topic 156	59.43	Topic 169	23.81
Topic 157	51.58	Topic 170	50.00
Topic 158	43.75	Topic 171	59.89
Topic 159	77.61	Topic 172	12.50
Topic 160	33.58	Topic 173	60.33
Topic 161	41.73	Topic 174	63.16
Topic 162	49.20	Topic 175	30.19
Topic 163	57.75		

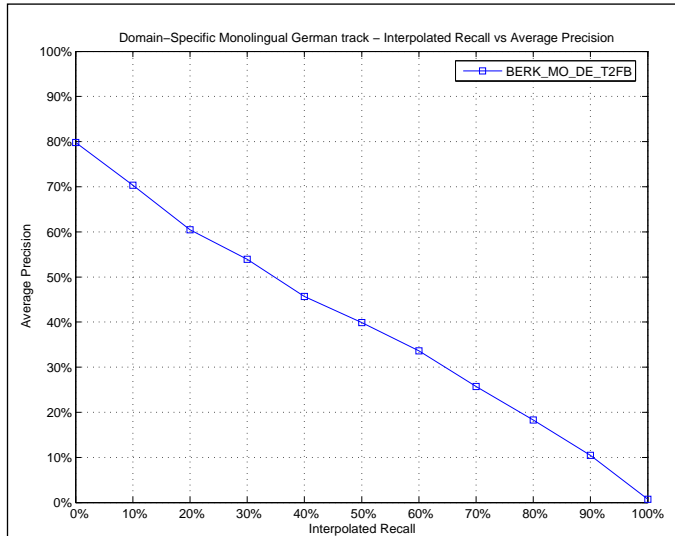




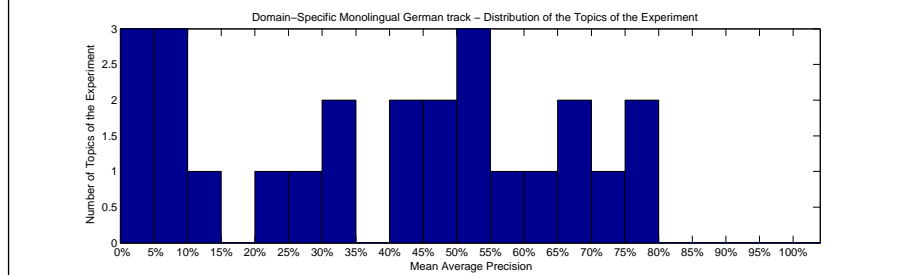
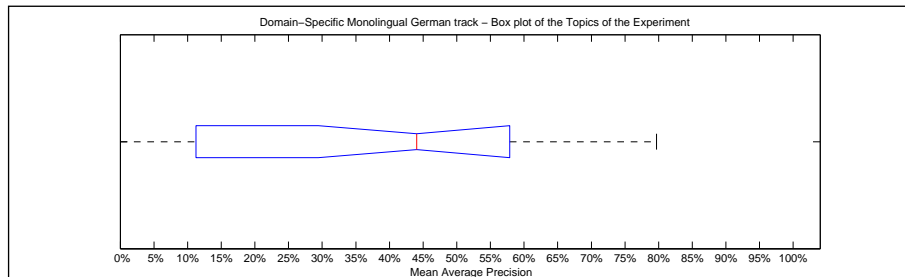
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,867
Geometric Mean Average Precision	0.1440
Binary Preference (BPREF)	0.4401

Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
Berkeley Trec2 algorithm with blind feedback - no decompounding	

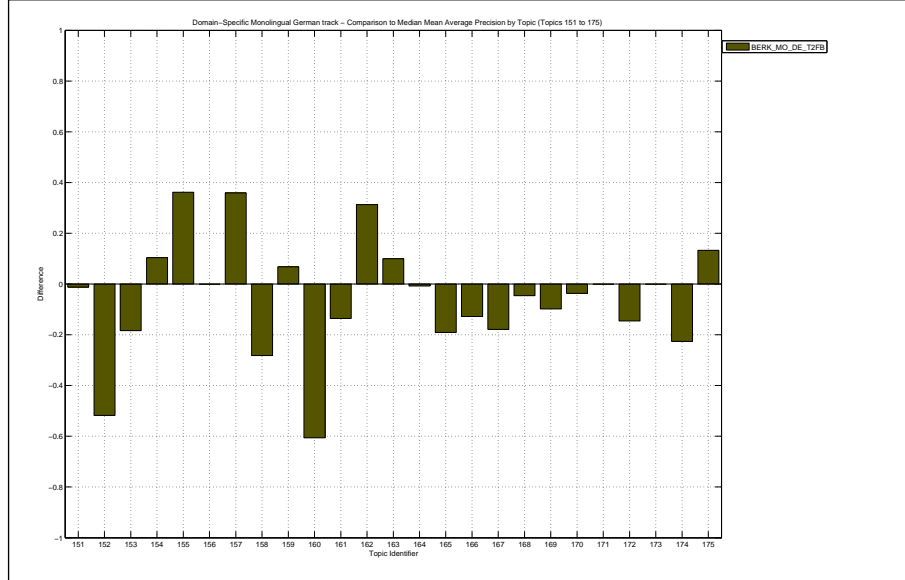
Interpolated Recall (%)	Precision Averages (%)
0	79.80
10	70.35
20	60.44
30	53.91
40	45.66
50	39.88
60	33.65
70	25.74
80	18.32
90	10.43
100	0.70
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	39.17



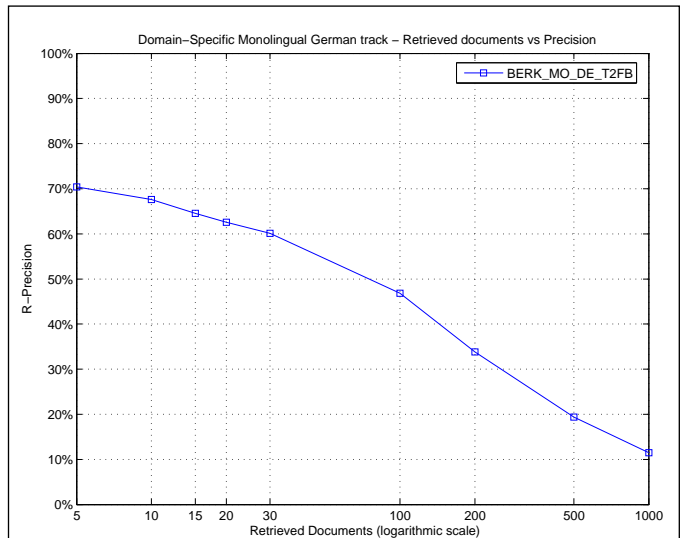
Mean Average Precision	
Maximum	0.7969
Minimum	0.0000
First Quartile	0.1124
Second Quartile	0.4405
Third Quartile	0.5787
Interquartile range	0.4663
Mean	0.3917
Standard Deviation	0.2582
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.7969
Mean With No Outliers	0.3917
Std With No Outliers	0.2582



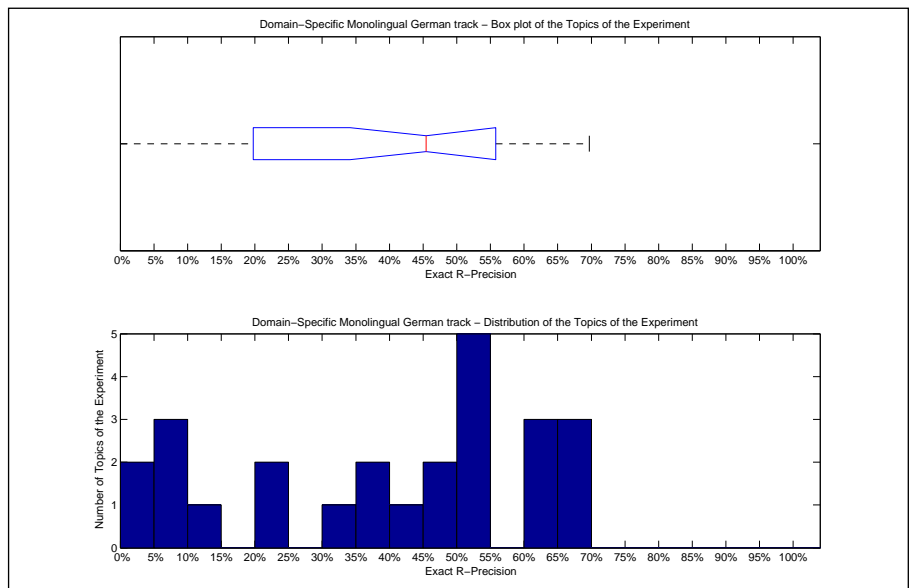
Precision averages (%) for individual queries			
Topic 151	69.56	Topic 164	4.75
Topic 152	0.00	Topic 165	21.64
Topic 153	53.33	Topic 166	47.28
Topic 154	79.69	Topic 167	8.91
Topic 155	70.24	Topic 168	40.57
Topic 156	48.35	Topic 169	8.89
Topic 157	79.54	Topic 170	50.97
Topic 158	12.02	Topic 171	44.05
Topic 159	69.16	Topic 172	7.77
Topic 160	0.00	Topic 173	63.39
Topic 161	51.92	Topic 174	25.57
Topic 162	56.03	Topic 175	31.41
Topic 163	34.23		



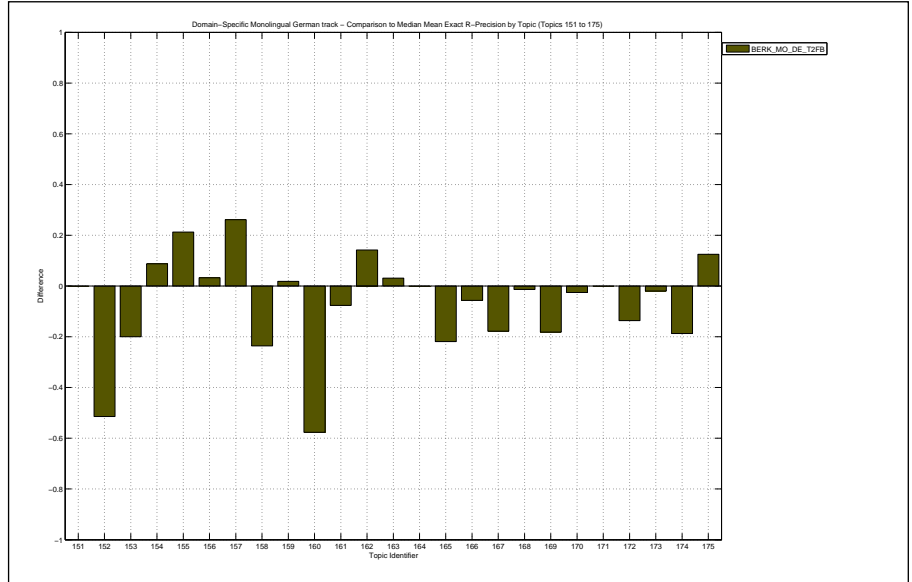
Docs Cutoff Levels	Precision at DCL (%)
5 docs	70.40
10 docs	67.60
15 docs	64.53
20 docs	62.60
30 docs	60.13
100 docs	46.84
200 docs	33.80
500 docs	19.38
1000 docs	11.47
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	39.05



Exact R-Precision	
Maximum	0.6971
Minimum	0.0000
First Quartile	0.1977
Second Quartile	0.4545
Third Quartile	0.5581
Interquartile range	0.3604
Mean	0.3905
Standard Deviation	0.2253
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6971
Mean With No Outliers	0.3905
Std With No Outliers	0.2253



Precision averages (%) for individual queries			
Topic 151	66.14	Topic 164	7.69
Topic 152	0.00	Topic 165	21.92
Topic 153	50.67	Topic 166	50.54
Topic 154	69.71	Topic 167	13.33
Topic 155	63.73	Topic 168	43.54
Topic 156	47.31	Topic 169	9.09
Topic 157	69.23	Topic 170	51.28
Topic 158	23.60	Topic 171	45.45
Topic 159	61.11	Topic 172	9.09
Topic 160	0.00	Topic 173	60.32
Topic 161	53.16	Topic 174	35.23
Topic 162	54.31	Topic 175	34.38
Topic 163	35.41		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,920
Geometric Mean Average Precision	0.2869
Binary Preference (BPREF)	0.4025

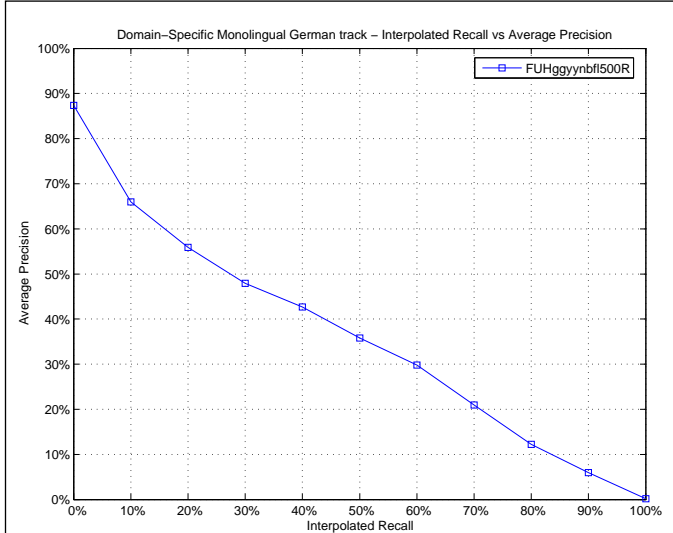
Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

First run

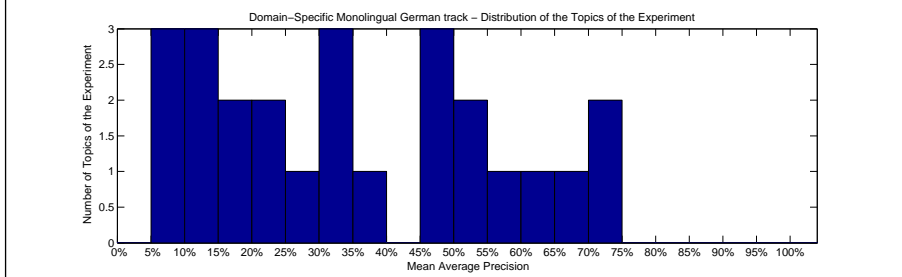
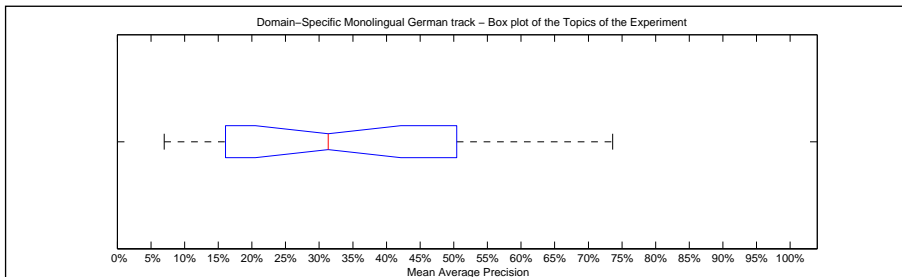
Interploated Recall (%)	Precision Averages (%)
0	87.38
10	65.98
20	55.89
30	47.91
40	42.68
50	35.82
60	29.81
70	20.94
80	12.22
90	5.95
100	0.15

Average precision (non-interpolated) for all relevant documents (averaged over queries)

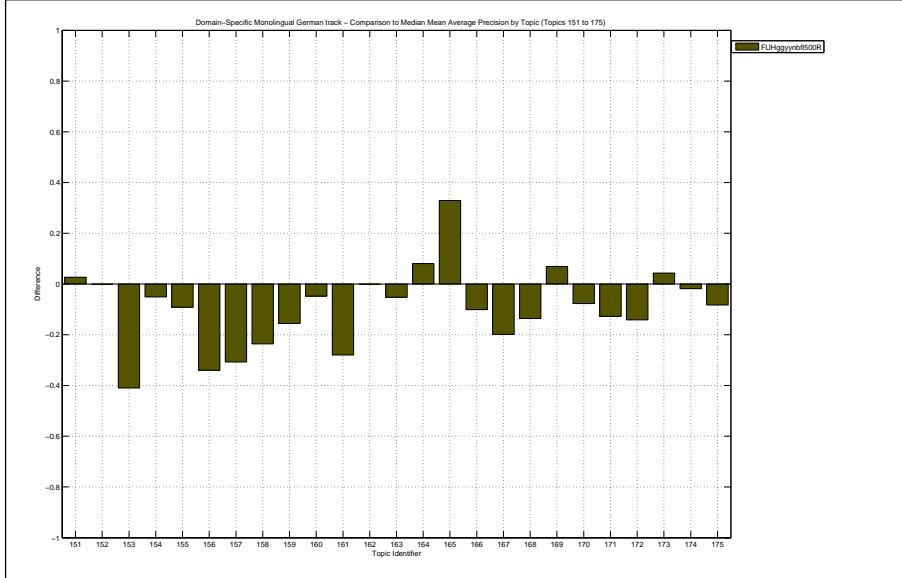
35.39



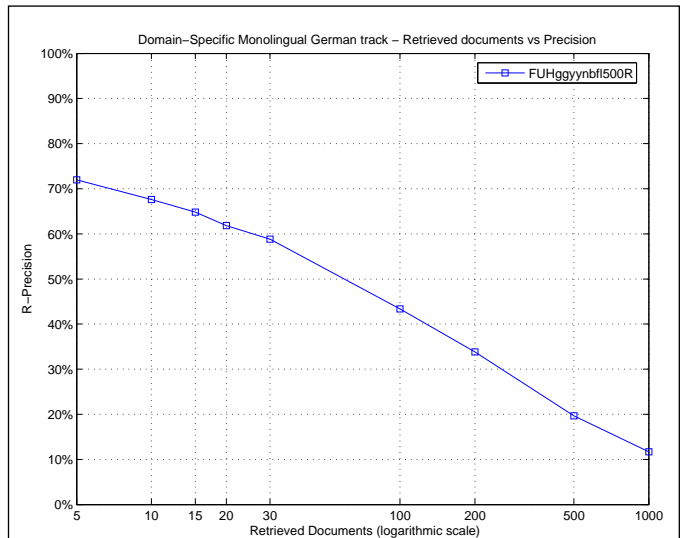
Mean Average Precision	
Maximum	0.7362
Minimum	0.0696
First Quartile	0.1607
Second Quartile	0.3133
Third Quartile	0.5044
Interquartile range	0.3437
Mean	0.3539
Standard Deviation	0.2110
Lower Outlier Threshold	0.0696
Upper Outlier Threshold	0.7362
Mean With No Outliers	0.3539
Std With No Outliers	0.2110



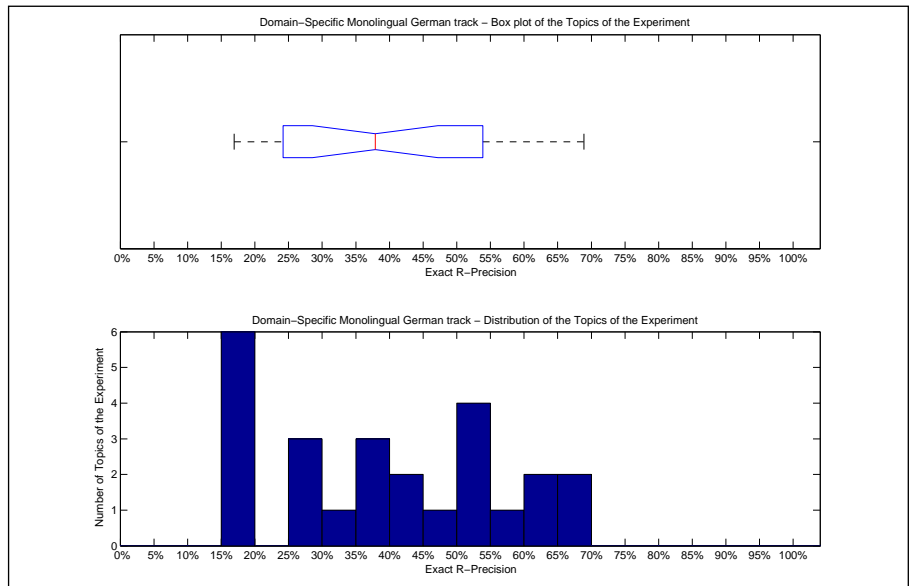
Precision averages (%) for individual queries			
Topic 151	73.46	Topic 164	13.60
Topic 152	51.75	Topic 165	73.62
Topic 153	30.71	Topic 166	50.01
Topic 154	64.19	Topic 167	6.96
Topic 155	24.91	Topic 168	31.58
Topic 156	14.34	Topic 169	25.68
Topic 157	12.90	Topic 170	46.94
Topic 158	16.65	Topic 171	31.33
Topic 159	46.79	Topic 172	8.15
Topic 160	55.88	Topic 173	67.70
Topic 161	37.49	Topic 174	46.39
Topic 162	24.76	Topic 175	9.86
Topic 163	19.02		



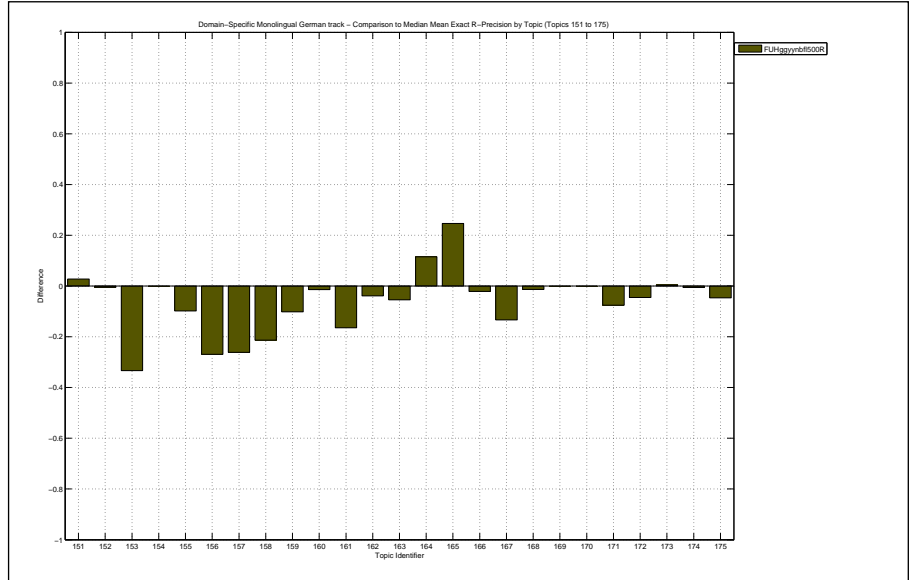
Docs Cutoff Levels	Precision at DCL (%)
5 docs	72.00
10 docs	67.60
15 docs	64.80
20 docs	61.80
30 docs	58.80
100 docs	43.36
200 docs	33.84
500 docs	19.63
1000 docs	11.68
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	39.88



Exact R-Precision	
Maximum	0.6890
Minimum	0.1692
First Quartile	0.2419
Second Quartile	0.3788
Third Quartile	0.5389
Interquartile range	0.2970
Mean	0.3988
Standard Deviation	0.1739
Lower Outlier Threshold	0.1692
Upper Outlier Threshold	0.6890
Mean With No Outliers	0.3988
Std With No Outliers	0.1739



Precision averages (%) for individual queries			
Topic 151	68.90	Topic 164	19.23
Topic 152	50.96	Topic 165	68.49
Topic 153	37.33	Topic 166	54.03
Topic 154	60.95	Topic 167	17.78
Topic 155	32.64	Topic 168	43.54
Topic 156	17.20	Topic 169	27.27
Topic 157	16.92	Topic 170	53.85
Topic 158	25.84	Topic 171	37.88
Topic 159	49.07	Topic 172	18.18
Topic 160	56.25	Topic 173	62.70
Topic 161	44.30	Topic 174	53.41
Topic 162	36.21	Topic 175	17.19
Topic 163	26.85		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,920
Geometric Mean Average Precision	0.2835
Binary Preference (BPREF)	0.4001

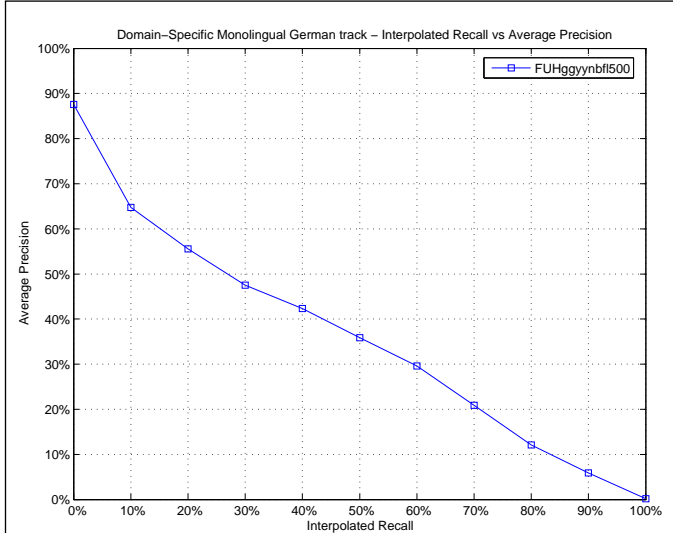
Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Second run

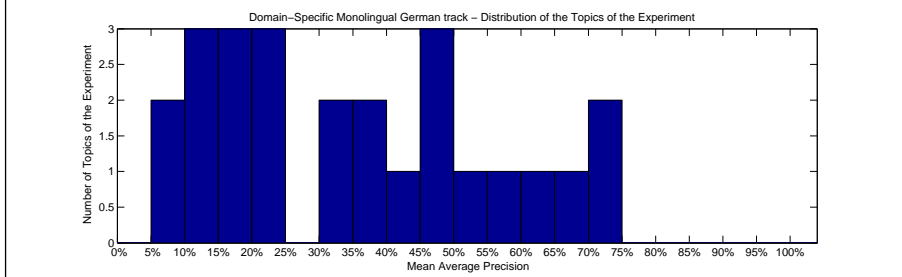
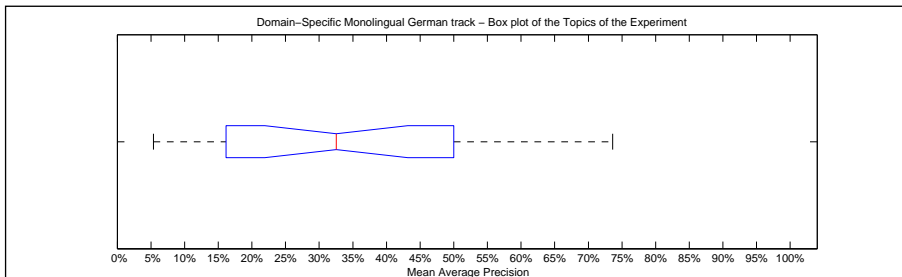
Interploated Recall (%)	Precision Averages (%)
0	87.56
10	64.75
20	55.53
30	47.53
40	42.35
50	35.84
60	29.59
70	20.91
80	12.07
90	5.92
100	0.15

Average precision (non-interpolated) for all relevant documents (averaged over queries)

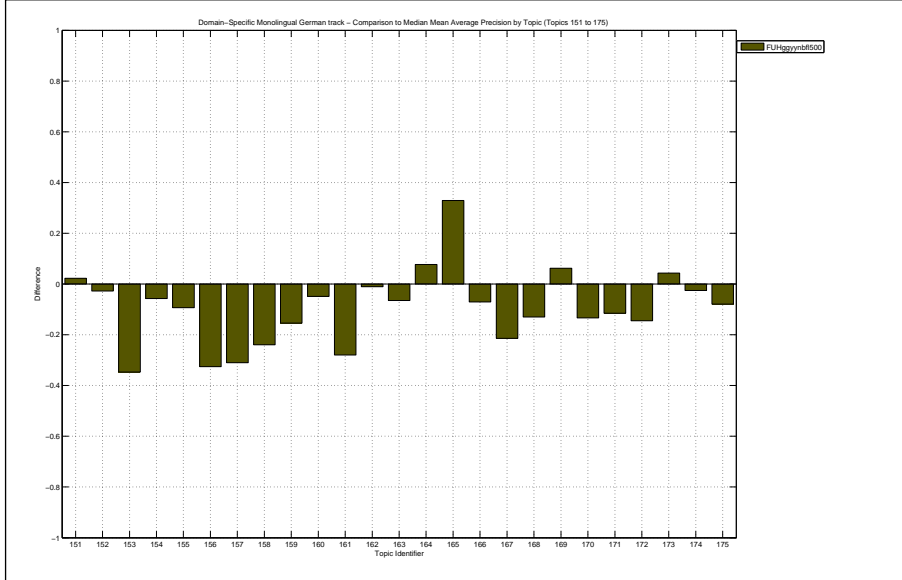
35.25



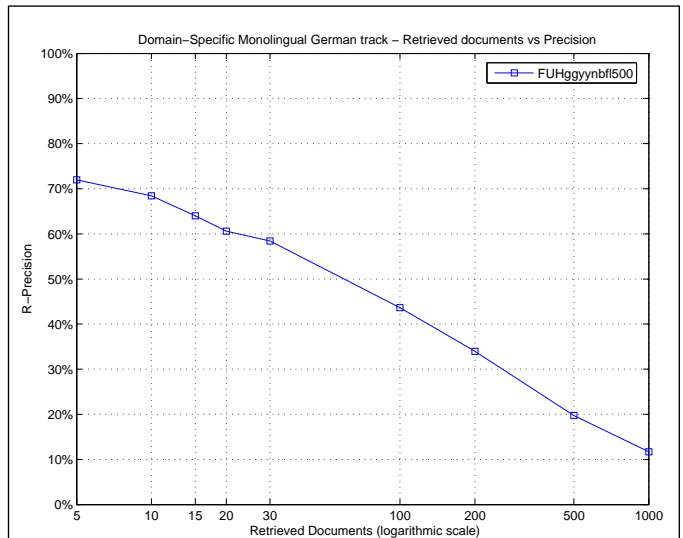
Mean Average Precision	
Maximum	0.7362
Minimum	0.0538
First Quartile	0.1616
Second Quartile	0.3256
Third Quartile	0.5002
Interquartile range	0.3386
Mean	0.3525
Standard Deviation	0.2106
Lower Outlier Threshold	0.0538
Upper Outlier Threshold	0.7362
Mean With No Outliers	0.3525
Std With No Outliers	0.2106



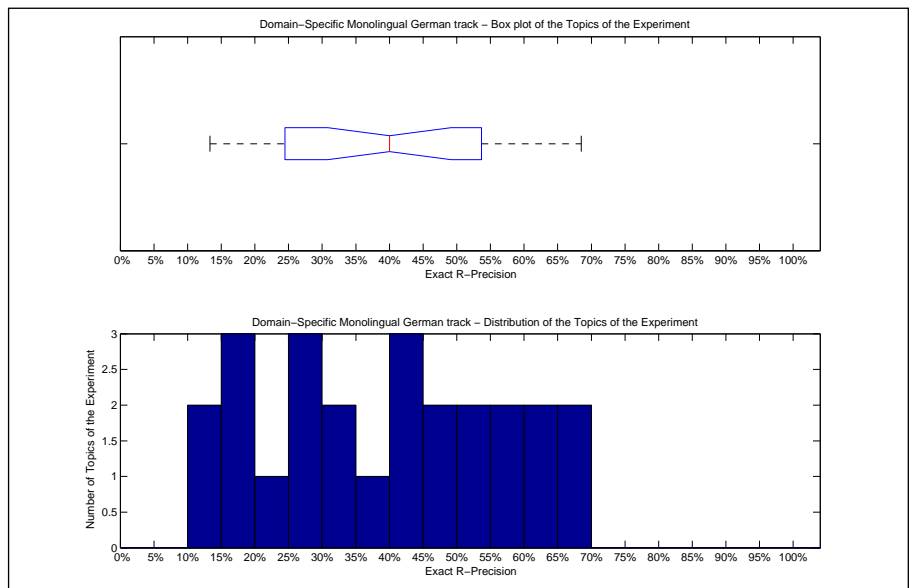
Precision averages (%) for individual queries			
Topic 151	73.04	Topic 164	13.20
Topic 152	49.01	Topic 165	73.62
Topic 153	37.00	Topic 166	53.03
Topic 154	63.55	Topic 167	5.38
Topic 155	24.72	Topic 168	32.21
Topic 156	15.79	Topic 169	24.95
Topic 157	12.65	Topic 170	41.24
Topic 158	16.28	Topic 171	32.56
Topic 159	46.99	Topic 172	7.82
Topic 160	55.73	Topic 173	67.70
Topic 161	37.49	Topic 174	45.64
Topic 162	23.67	Topic 175	10.19
Topic 163	17.81		



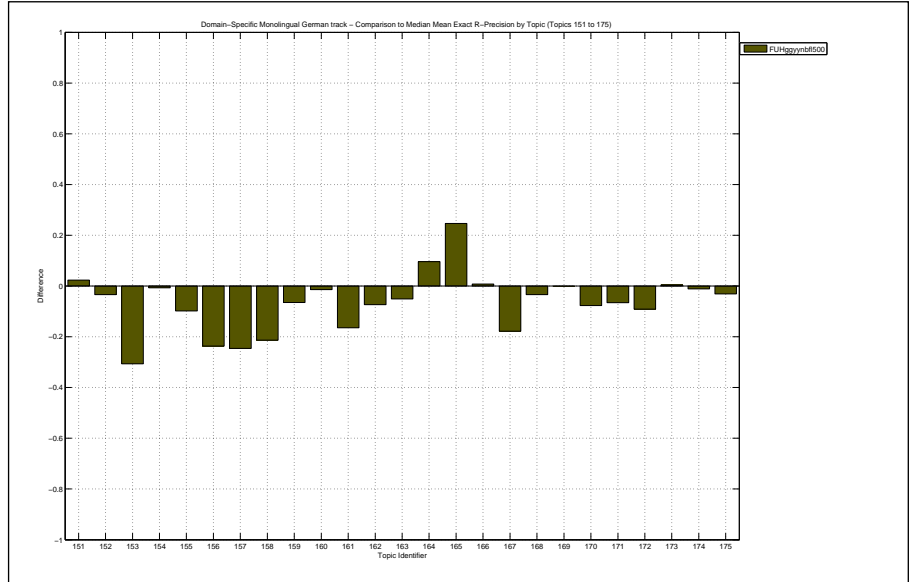
Docs Cutoff Levels	Precision at DCL (%)
5 docs	72.00
10 docs	68.40
15 docs	64.00
20 docs	60.60
30 docs	58.40
100 docs	43.64
200 docs	33.96
500 docs	19.70
1000 docs	11.68
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	39.41



Exact R-Precision	
Maximum	0.6850
Minimum	0.1333
First Quartile	0.2449
Second Quartile	0.4000
Third Quartile	0.5369
Interquartile range	0.2920
Mean	0.3941
Standard Deviation	0.1756
Lower Outlier Threshold	0.1333
Upper Outlier Threshold	0.6850
Mean With No Outliers	0.3941
Std With No Outliers	0.1756



Precision averages (%) for individual queries			
Topic 151	68.50	Topic 164	17.31
Topic 152	48.08	Topic 165	68.49
Topic 153	40.00	Topic 166	56.99
Topic 154	60.22	Topic 167	13.33
Topic 155	32.64	Topic 168	41.50
Topic 156	20.43	Topic 169	27.27
Topic 157	18.46	Topic 170	46.15
Topic 158	25.84	Topic 171	38.89
Topic 159	52.78	Topic 172	13.64
Topic 160	56.25	Topic 173	62.70
Topic 161	44.30	Topic 174	52.84
Topic 162	32.76	Topic 175	18.75
Topic 163	27.24		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,780
Geometric Mean Average Precision	0.2466
Binary Preference (BPREF)	0.3654

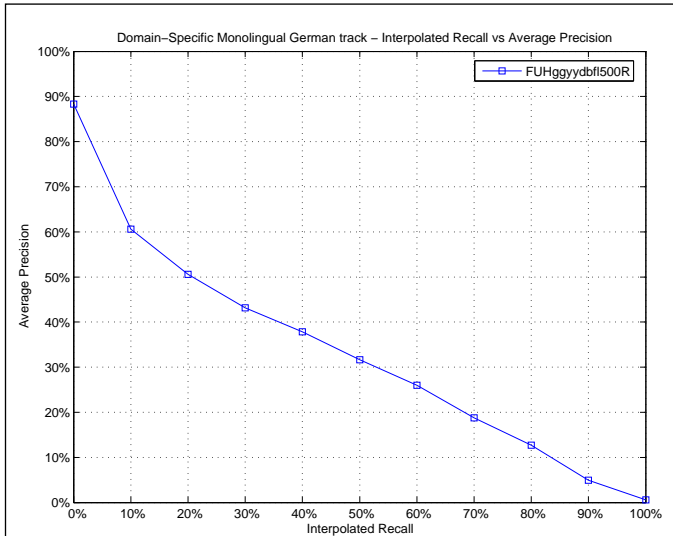
Priority	3
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Third run

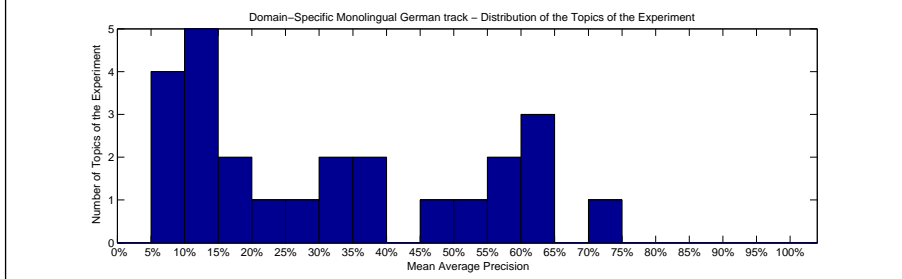
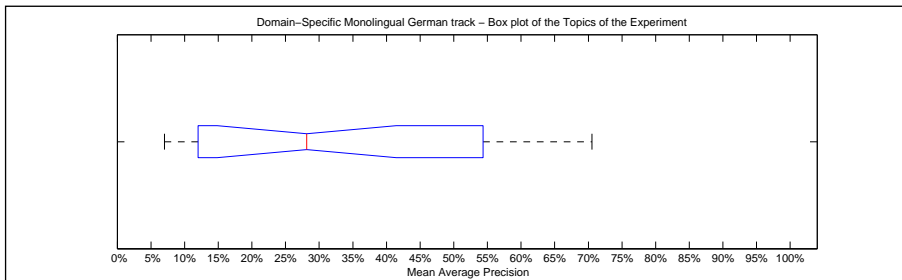
Interploated Recall (%)	Precision Averages (%)
0	88.30
10	60.60
20	50.56
30	43.15
40	37.82
50	31.65
60	26.01
70	18.77
80	12.70
90	4.97
100	0.58

Average precision (non-interpolated) for all relevant documents (averaged over queries)

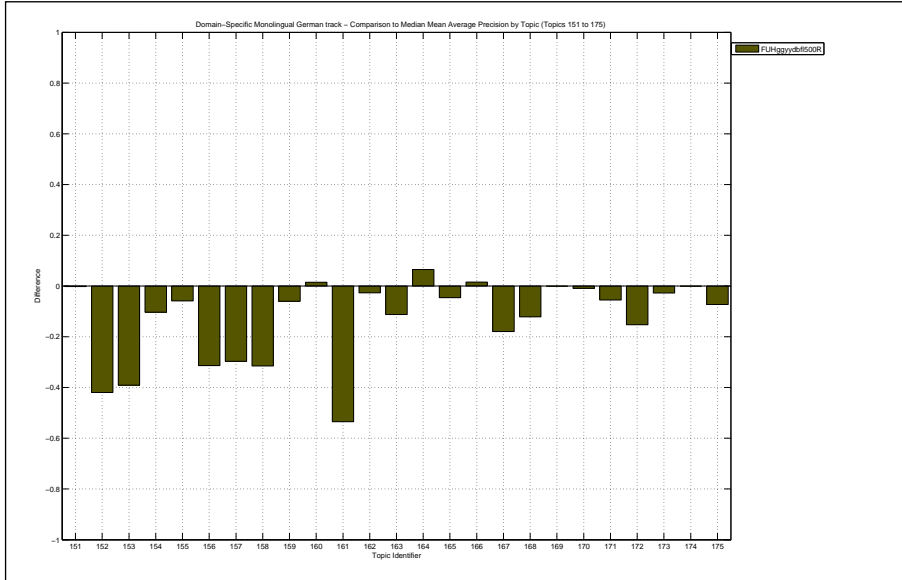
31.79



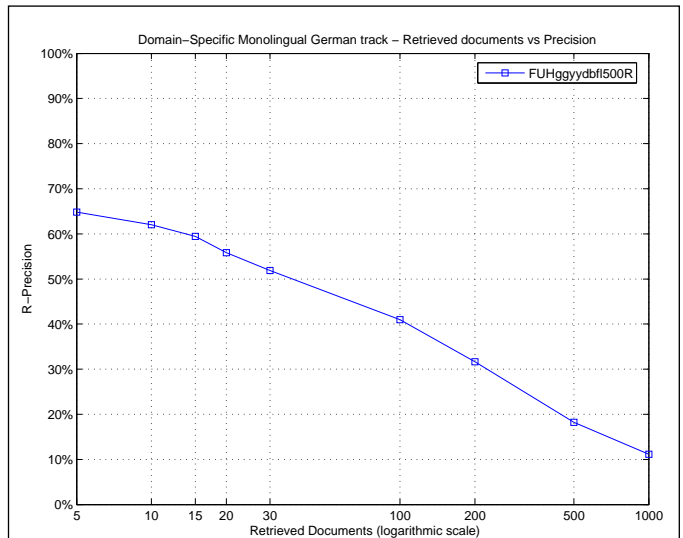
Mean Average Precision	
Maximum	0.7053
Minimum	0.0703
First Quartile	0.1200
Second Quartile	0.2815
Third Quartile	0.5436
Interquartile range	0.4235
Mean	0.3179
Standard Deviation	0.2125
Lower Outlier Threshold	0.0703
Upper Outlier Threshold	0.7053
Mean With No Outliers	0.3179
Std With No Outliers	0.2125



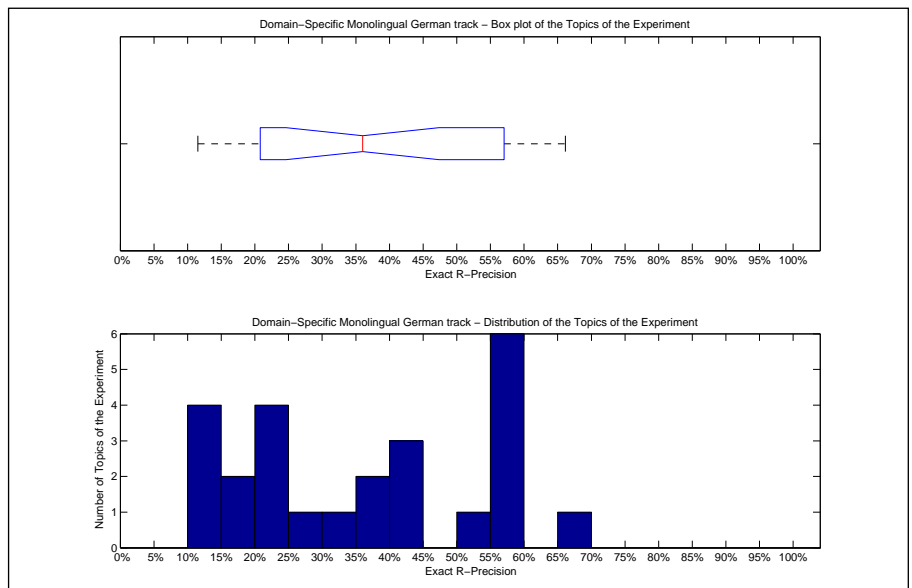
Precision averages (%) for individual queries			
Topic 151	70.53	Topic 164	12.00
Topic 152	9.81	Topic 165	36.10
Topic 153	32.60	Topic 166	61.62
Topic 154	58.98	Topic 167	8.85
Topic 155	28.15	Topic 168	33.02
Topic 156	17.01	Topic 169	18.74
Topic 157	13.95	Topic 170	53.68
Topic 158	8.70	Topic 171	38.54
Topic 159	56.37	Topic 172	7.03
Topic 160	62.11	Topic 173	60.62
Topic 161	12.00	Topic 174	48.20
Topic 162	22.11	Topic 175	10.86
Topic 163	13.08		



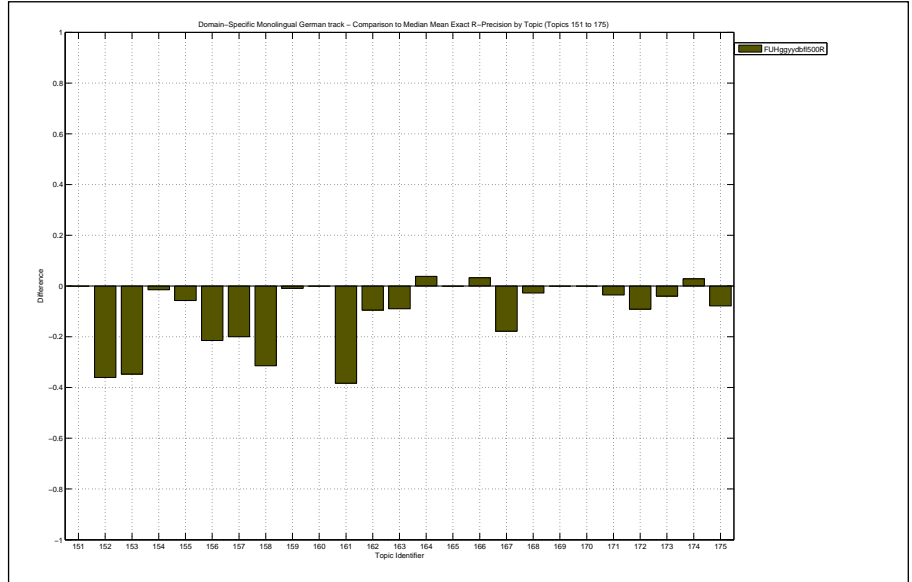
Docs Cutoff Levels	Precision at DCL (%)
5 docs	64.80
10 docs	62.00
15 docs	59.47
20 docs	55.80
30 docs	51.87
100 docs	40.96
200 docs	31.64
500 docs	18.21
1000 docs	11.12
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	36.15



Exact R-Precision	
Maximum	0.6614
Minimum	0.1154
First Quartile	0.2078
Second Quartile	0.3600
Third Quartile	0.5702
Interquartile range	0.3624
Mean	0.3615
Standard Deviation	0.1835
Lower Outlier Threshold	0.1154
Upper Outlier Threshold	0.6614
Mean With No Outliers	0.3615
Std With No Outliers	0.1835



Precision averages (%) for individual queries			
Topic 151	66.14	Topic 164	11.54
Topic 152	15.38	Topic 165	43.84
Topic 153	36.00	Topic 166	59.41
Topic 154	59.49	Topic 167	13.33
Topic 155	36.79	Topic 168	42.18
Topic 156	22.58	Topic 169	27.27
Topic 157	23.08	Topic 170	53.85
Topic 158	15.73	Topic 171	41.92
Topic 159	58.33	Topic 172	13.64
Topic 160	57.64	Topic 173	58.33
Topic 161	22.47	Topic 174	56.82
Topic 162	30.60	Topic 175	14.06
Topic 163	23.35		





Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,780
Geometric Mean Average Precision	0.2463
Binary Preference (BPREF)	0.3668

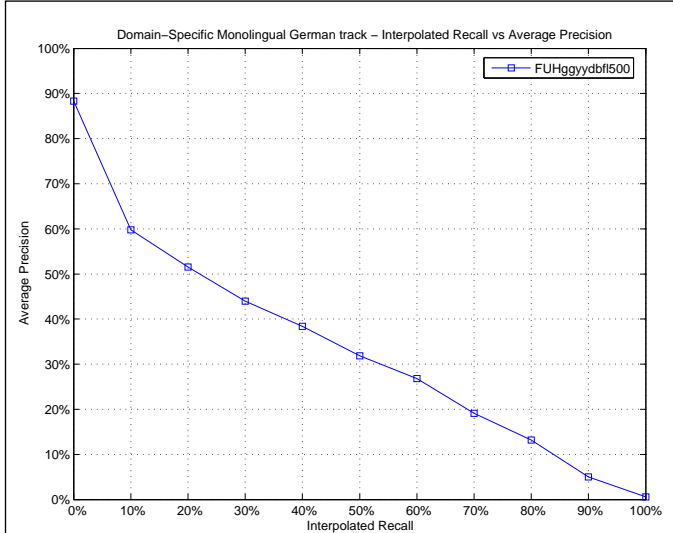
Priority	4
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Fourth run

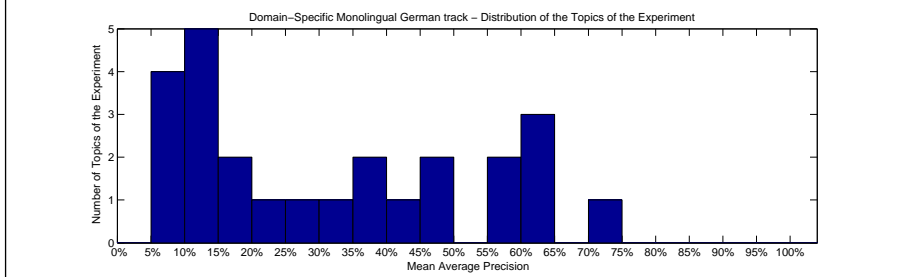
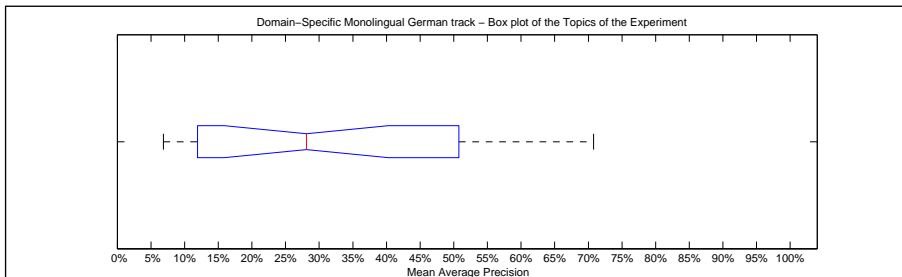
Interploated Recall (%)	Precision Averages (%)
0	88.32
10	59.75
20	51.51
30	43.97
40	38.38
50	31.85
60	26.80
70	19.14
80	13.20
90	5.04
100	0.58

Average precision (non-interpolated) for all relevant documents (averaged over queries)

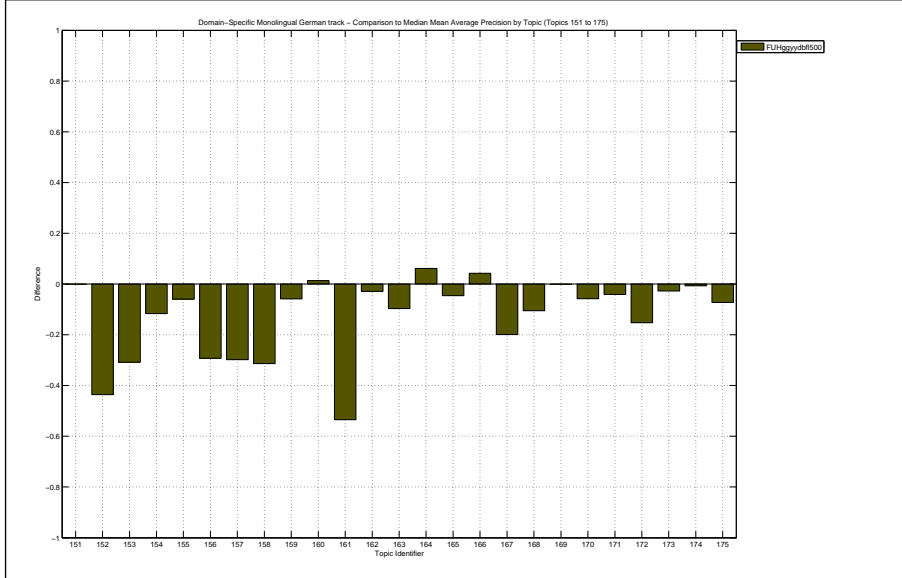
32.05



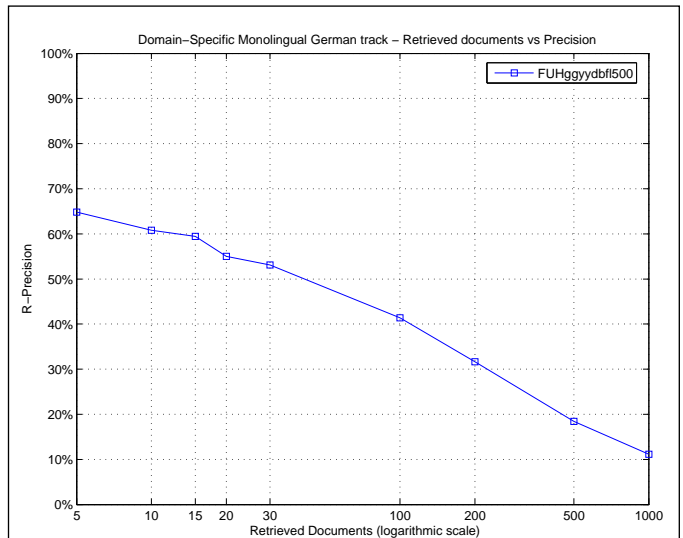
Mean Average Precision	
Maximum	0.7077
Minimum	0.0685
First Quartile	0.1191
Second Quartile	0.2809
Third Quartile	0.5077
Interquartile range	0.3886
Mean	0.3205
Standard Deviation	0.2134
Lower Outlier Threshold	0.0685
Upper Outlier Threshold	0.7077
Mean With No Outliers	0.3205
Std With No Outliers	0.2134



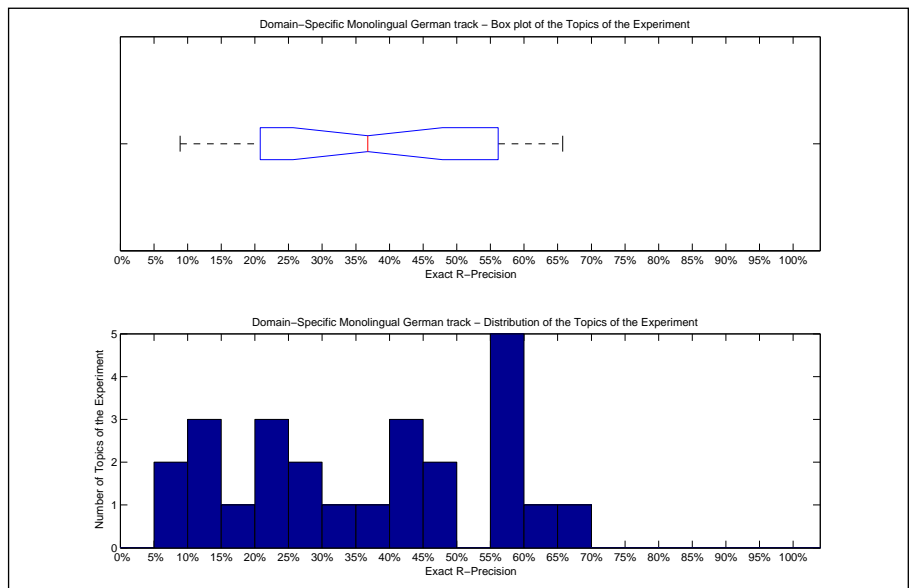
Precision averages (%) for individual queries			
Topic 151	70.77	Topic 164	11.63
Topic 152	8.16	Topic 165	36.10
Topic 153	40.89	Topic 166	64.36
Topic 154	57.64	Topic 167	6.85
Topic 155	28.09	Topic 168	34.62
Topic 156	19.12	Topic 169	18.76
Topic 157	13.83	Topic 170	48.85
Topic 158	8.85	Topic 171	39.94
Topic 159	56.53	Topic 172	7.01
Topic 160	61.96	Topic 173	60.62
Topic 161	12.00	Topic 174	47.48
Topic 162	21.85	Topic 175	10.80
Topic 163	14.58		



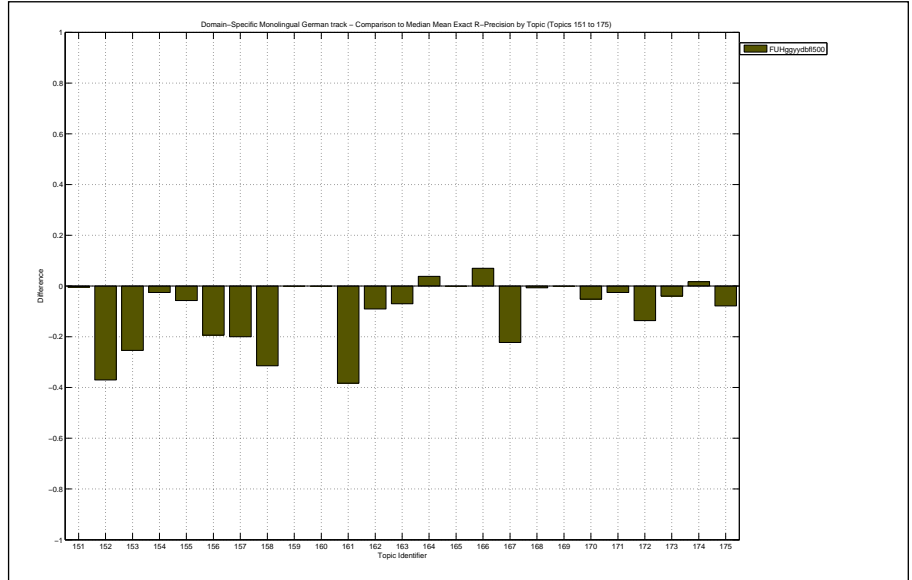
Docs Cutoff Levels	Precision at DCL (%)
5 docs	64.80
10 docs	60.80
15 docs	59.47
20 docs	55.00
30 docs	53.07
100 docs	41.40
200 docs	31.62
500 docs	18.46
1000 docs	11.12
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	36.31



Exact R-Precision	
Maximum	0.6575
Minimum	0.0889
First Quartile	0.2078
Second Quartile	0.3679
Third Quartile	0.5617
Interquartile range	0.3539
Mean	0.3631
Standard Deviation	0.1888
Lower Outlier Threshold	0.0889
Upper Outlier Threshold	0.6575
Mean With No Outliers	0.3631
Std With No Outliers	0.1888



Precision averages (%) for individual queries			
Topic 151	65.75	Topic 164	11.54
Topic 152	14.42	Topic 165	43.84
Topic 153	45.33	Topic 166	63.17
Topic 154	58.39	Topic 167	8.89
Topic 155	36.79	Topic 168	44.22
Topic 156	24.73	Topic 169	27.27
Topic 157	23.08	Topic 170	48.72
Topic 158	15.73	Topic 171	42.93
Topic 159	59.26	Topic 172	9.09
Topic 160	57.64	Topic 173	58.33
Topic 161	22.47	Topic 174	55.68
Topic 162	31.03	Topic 175	14.06
Topic 163	25.29		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,444
Geometric Mean Average Precision	0.1823
Binary Preference (BPREF)	0.3392

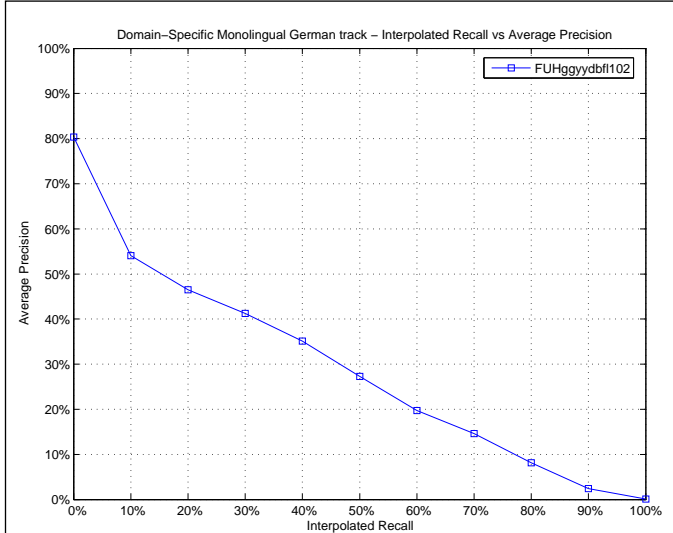
Priority	5
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Fifth run

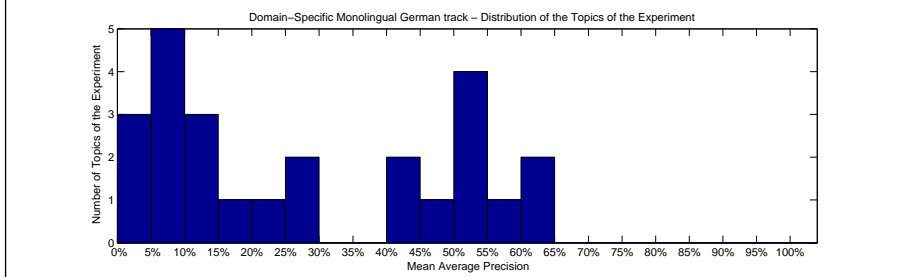
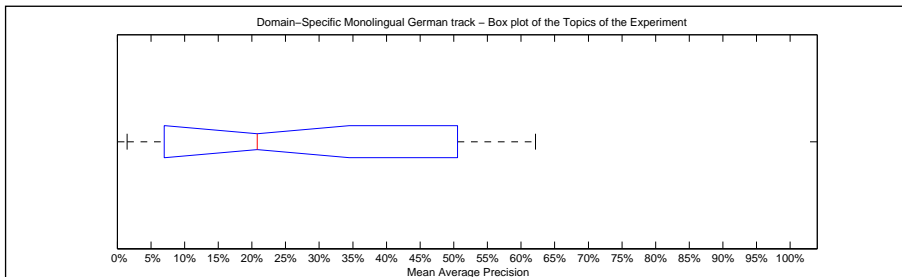
Interploated Recall (%)	Precision Averages (%)
0	80.33
10	54.08
20	46.49
30	41.25
40	35.15
50	27.30
60	19.71
70	14.61
80	8.16
90	2.44
100	0.08

Average precision (non-interpolated) for all relevant documents (averaged over queries)

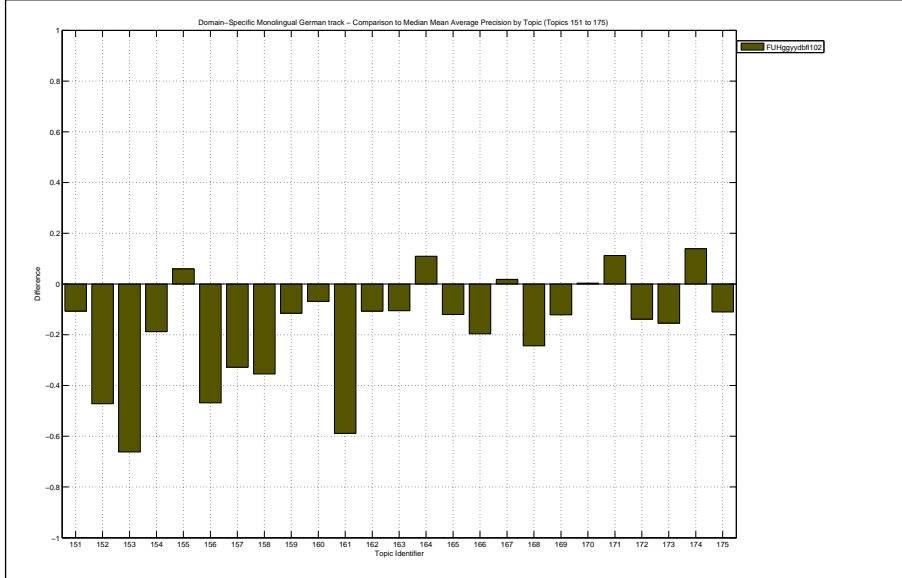
27.77



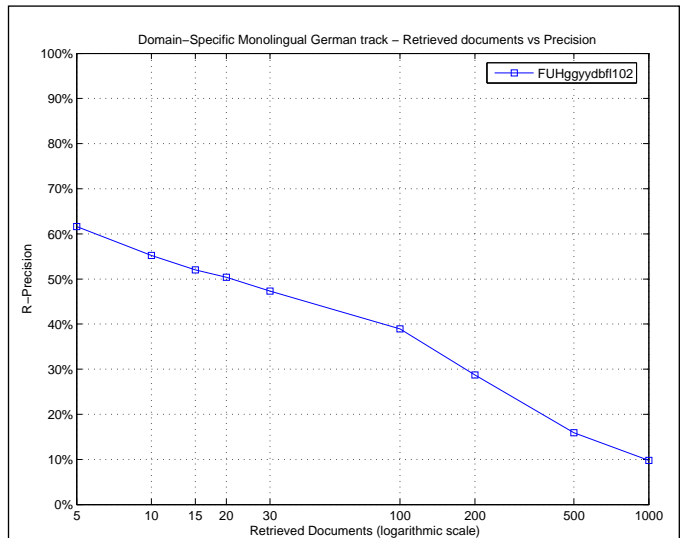
Mean Average Precision	
Maximum	0.6214
Minimum	0.0148
First Quartile	0.0698
Second Quartile	0.2078
Third Quartile	0.5057
Interquartile range	0.4359
Mean	0.2777
Standard Deviation	0.2138
Lower Outlier Threshold	0.0148
Upper Outlier Threshold	0.6214
Mean With No Outliers	0.2777
Std With No Outliers	0.2138



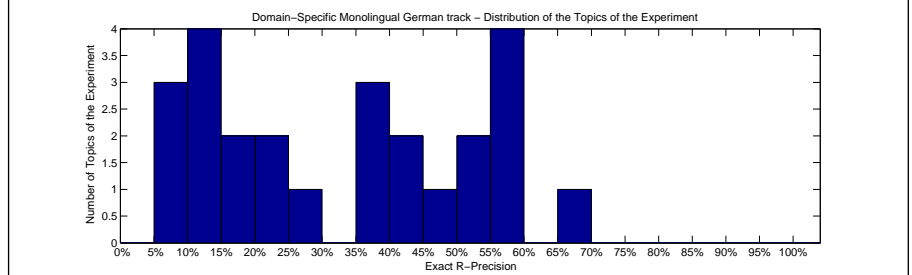
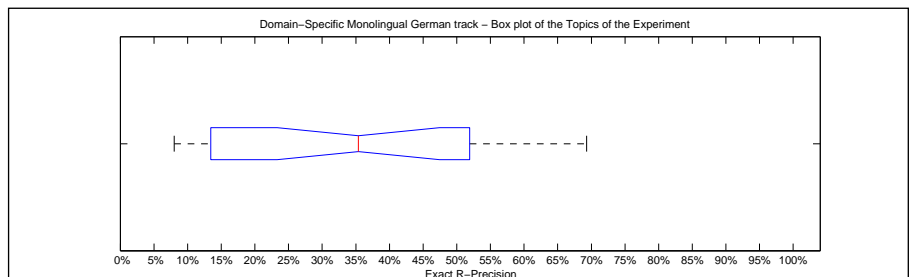
Precision averages (%) for individual queries			
Topic 151	60.10	Topic 164	16.48
Topic 152	4.57	Topic 165	28.70
Topic 153	5.47	Topic 166	40.46
Topic 154	50.48	Topic 167	28.62
Topic 155	40.01	Topic 168	20.78
Topic 156	1.48	Topic 169	6.61
Topic 157	10.87	Topic 170	54.99
Topic 158	4.72	Topic 171	55.30
Topic 159	50.84	Topic 172	8.43
Topic 160	53.72	Topic 173	47.95
Topic 161	6.67	Topic 174	62.14
Topic 162	14.12	Topic 175	7.08
Topic 163	13.72		



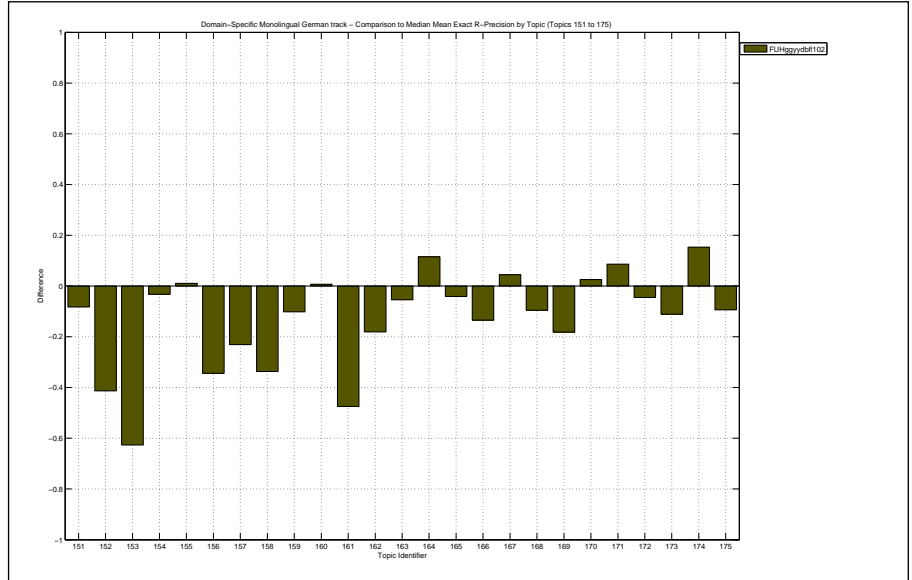
Docs Cutoff Levels	Precision at DCL (%)
5 docs	61.60
10 docs	55.20
15 docs	52.00
20 docs	50.40
30 docs	47.33
100 docs	38.92
200 docs	28.68
500 docs	15.91
1000 docs	9.78
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	33.33



Exact R-Precision	
Maximum	0.6932
Minimum	0.0800
First Quartile	0.1344
Second Quartile	0.3537
Third Quartile	0.5190
Interquartile range	0.3847
Mean	0.3333
Standard Deviation	0.1960
Lower Outlier Threshold	0.0800
Upper Outlier Threshold	0.6932
Mean With No Outliers	0.3333
Std With No Outliers	0.1960



Precision averages (%) for individual queries			
Topic 151	57.87	Topic 164	19.23
Topic 152	10.10	Topic 165	39.73
Topic 153	8.00	Topic 166	42.74
Topic 154	57.66	Topic 167	35.56
Topic 155	43.52	Topic 168	35.37
Topic 156	9.68	Topic 169	9.09
Topic 157	20.00	Topic 170	56.41
Topic 158	13.48	Topic 171	54.04
Topic 159	49.07	Topic 172	18.18
Topic 160	58.33	Topic 173	51.19
Topic 161	13.29	Topic 174	69.32
Topic 162	21.98	Topic 175	12.50
Topic 163	26.85		



Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,139
Geometric Mean Average Precision	0.4138
Binary Preference (BPREF)	0.5617

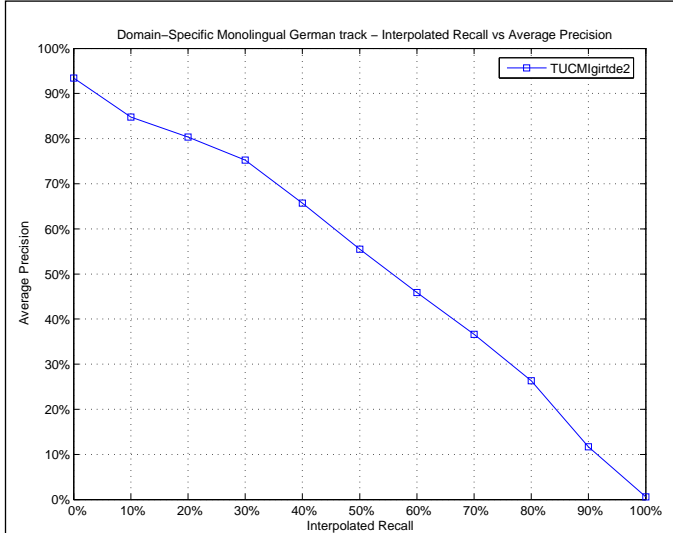
Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Snowball-Ger2-QE-BF2-DC

Interploated Recall (%)	Precision Averages (%)
0	93.44
10	84.79
20	80.36
30	75.27
40	65.72
50	55.47
60	45.89
70	36.59
80	26.32
90	11.67
100	0.59

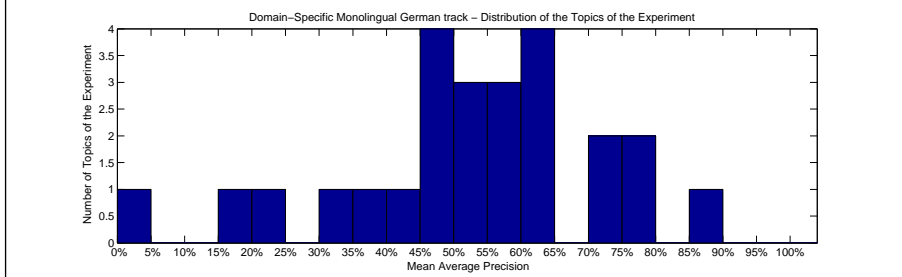
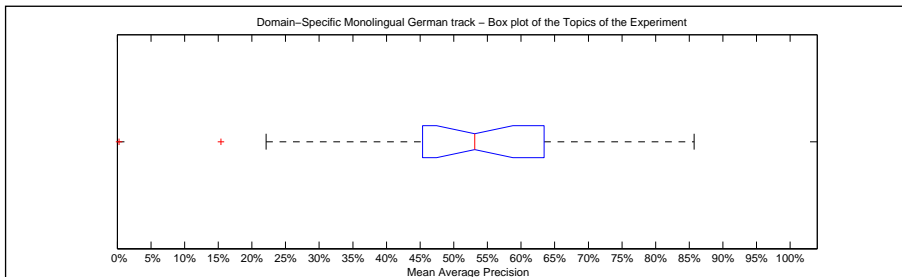
Average precision (non-interpolated) for all relevant documents (averaged over queries)

52.02



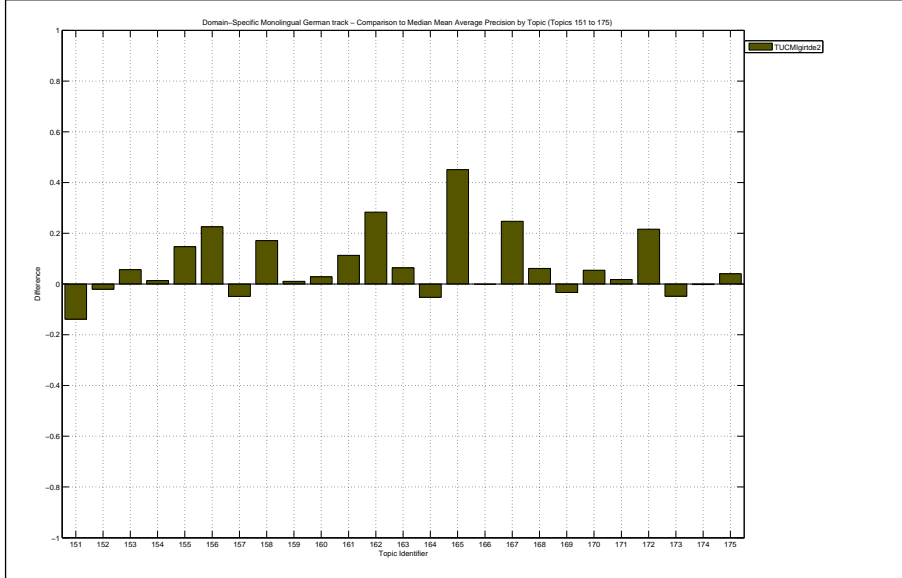
Mean Average Precision

Maximum	0.8573
Minimum	0.0028
First Quartile	0.4535
Second Quartile	0.5312
Third Quartile	0.6343
Interquartile range	0.1808
Mean	0.5202
Standard Deviation	0.1965
Lower Outlier Threshold	0.2212
Upper Outlier Threshold	0.8573
Mean With No Outliers	0.5586
Std With No Outliers	0.1493

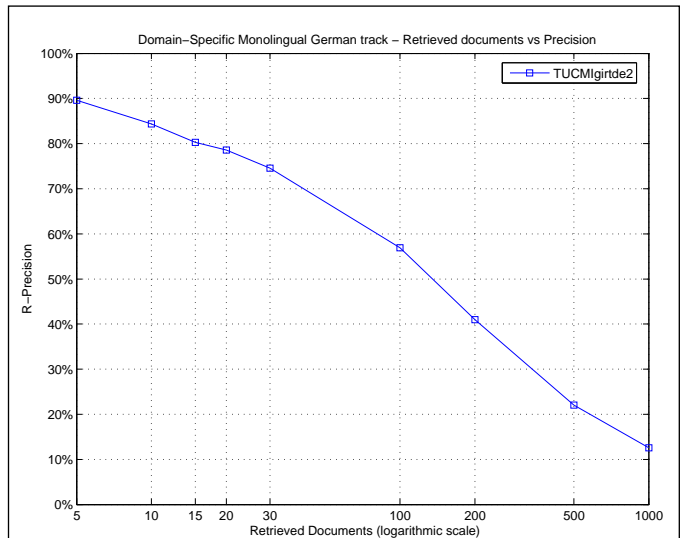


Precision averages (%) for individual queries

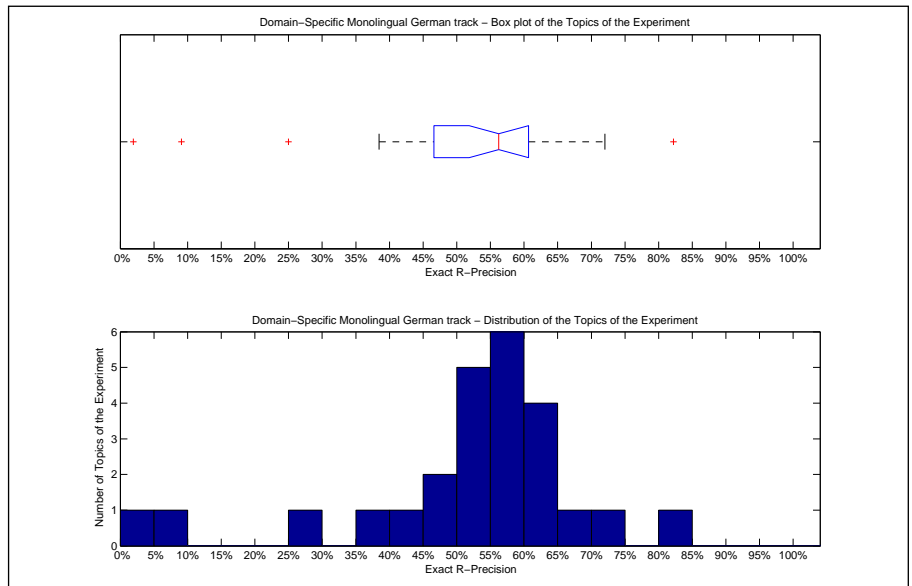
Topic 151	56.96	Topic 164	0.28
Topic 152	49.73	Topic 165	85.73
Topic 153	77.34	Topic 166	60.09
Topic 154	70.61	Topic 167	51.54
Topic 155	48.75	Topic 168	51.30
Topic 156	70.88	Topic 169	15.39
Topic 157	38.76	Topic 170	60.04
Topic 158	57.31	Topic 171	45.84
Topic 159	63.44	Topic 172	43.88
Topic 160	63.43	Topic 173	58.59
Topic 161	76.78	Topic 174	48.02
Topic 162	53.12	Topic 175	22.12
Topic 163	30.61		



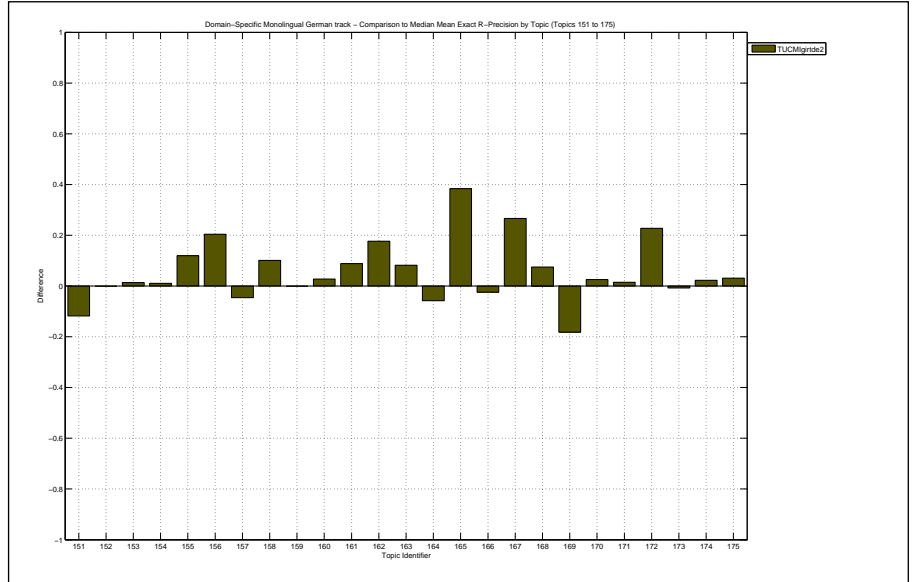
Docs Cutoff Levels	Precision at DCL (%)
5 docs	89.60
10 docs	84.40
15 docs	80.27
20 docs	78.60
30 docs	74.53
100 docs	56.92
200 docs	40.98
500 docs	22.04
1000 docs	12.56
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	51.63



Exact R-Precision	
Maximum	0.8219
Minimum	0.0192
First Quartile	0.4659
Second Quartile	0.5625
Third Quartile	0.6069
Interquartile range	0.1410
Mean	0.5163
Standard Deviation	0.1791
Lower Outlier Threshold	0.3846
Upper Outlier Threshold	0.7200
Mean With No Outliers	0.5584
Std With No Outliers	0.0838



Precision averages (%) for individual queries			
Topic 151	54.33	Topic 164	1.92
Topic 152	51.44	Topic 165	82.19
Topic 153	72.00	Topic 166	53.76
Topic 154	62.04	Topic 167	57.78
Topic 155	54.40	Topic 168	52.38
Topic 156	64.52	Topic 169	9.09
Topic 157	38.46	Topic 170	56.41
Topic 158	57.30	Topic 171	46.97
Topic 159	59.26	Topic 172	45.45
Topic 160	60.42	Topic 173	61.51
Topic 161	69.62	Topic 174	56.25
Topic 162	57.76	Topic 175	25.00
Topic 163	40.47		



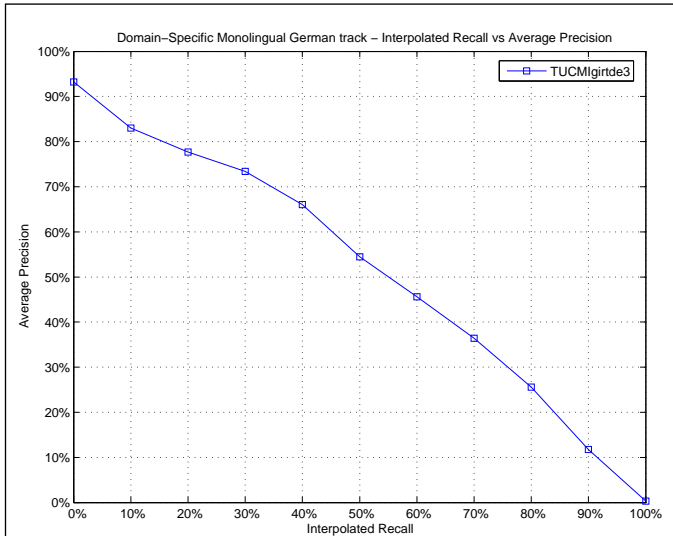
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,138
Geometric Mean Average Precision	0.4132
Binary Preference (BPREF)	0.5616

Priority	3
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
Snowball-Ger2-QE-BF2-TC	

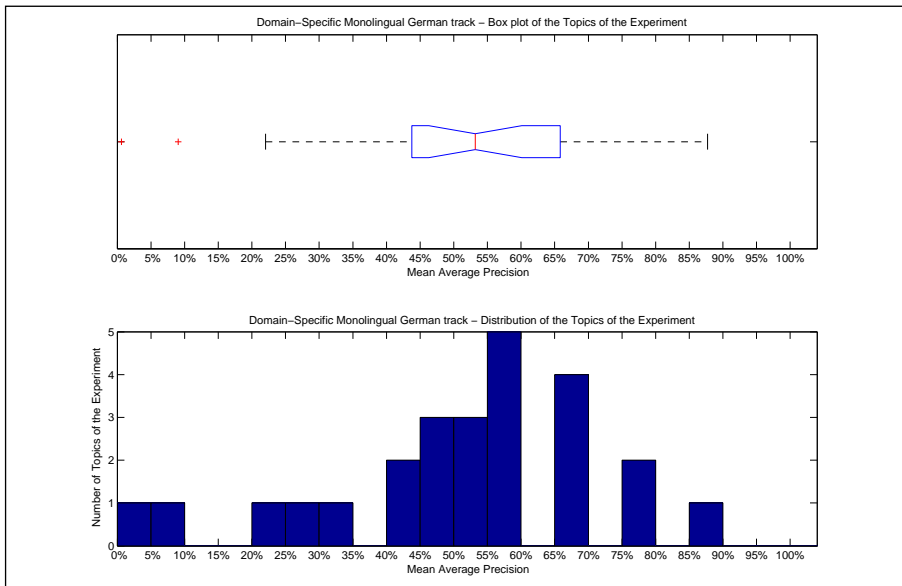
Interploated Recall (%)	Precision Averages (%)
0	93.25
10	82.97
20	77.70
30	73.37
40	66.02
50	54.44
60	45.58
70	36.44
80	25.60
90	11.73
100	0.28

Average precision (non-interpolated) for all relevant documents (averaged over queries)

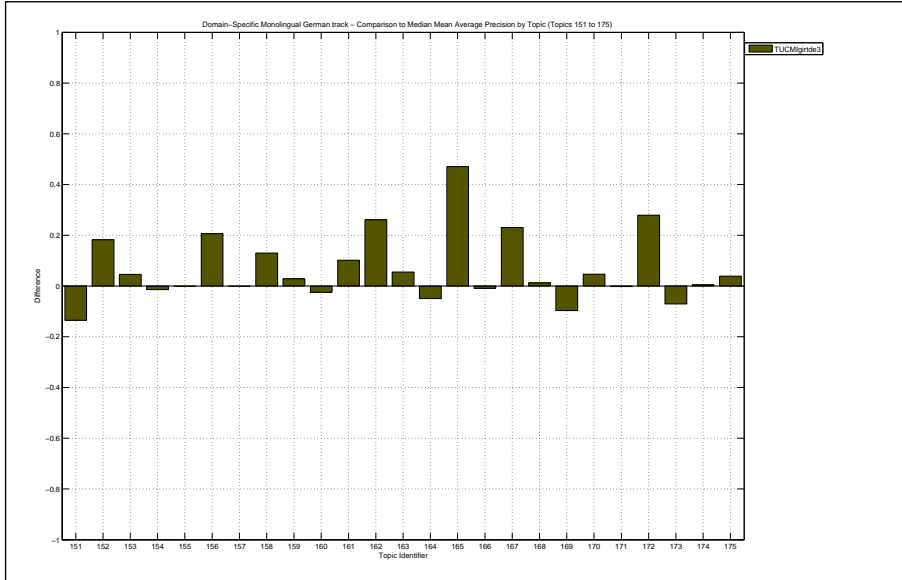
51.36



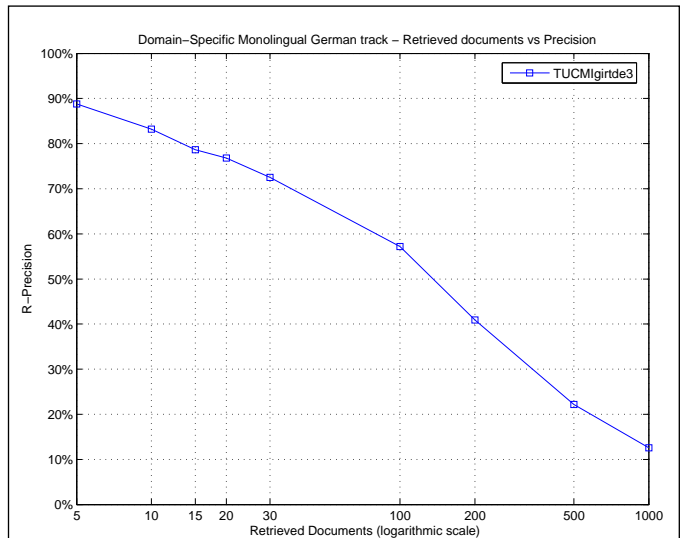
Mean Average Precision	
Maximum	0.8771
Minimum	0.0060
First Quartile	0.4379
Second Quartile	0.5320
Third Quartile	0.6583
Interquartile range	0.2205
Mean	0.5136
Standard Deviation	0.2045
Lower Outlier Threshold	0.2202
Upper Outlier Threshold	0.8771
Mean With No Outliers	0.5540
Std With No Outliers	0.1551



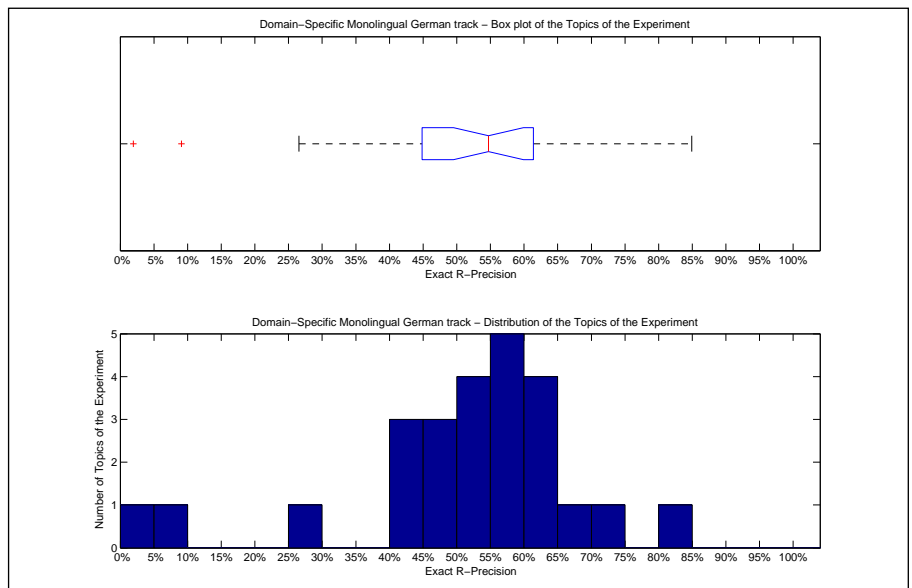
Precision averages (%) for individual queries			
Topic 151	57.26	Topic 164	0.60
Topic 152	70.00	Topic 165	87.71
Topic 153	76.31	Topic 166	59.17
Topic 154	67.84	Topic 167	49.86
Topic 155	34.05	Topic 168	46.36
Topic 156	69.01	Topic 169	9.06
Topic 157	43.64	Topic 170	59.31
Topic 158	53.20	Topic 171	43.83
Topic 159	65.16	Topic 172	50.23
Topic 160	58.09	Topic 173	56.34
Topic 161	75.69	Topic 174	48.61
Topic 162	50.82	Topic 175	22.02
Topic 163	29.78		



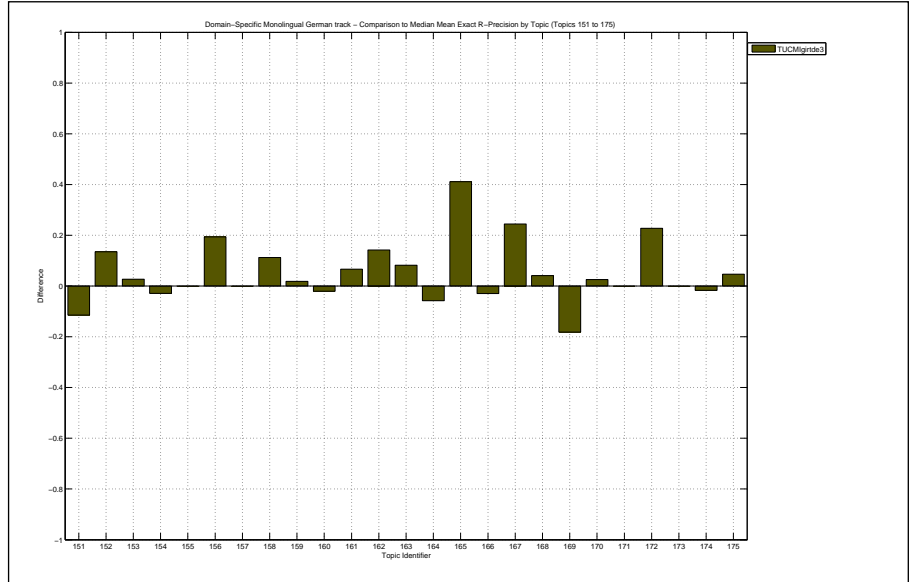
Docs Cutoff Levels	Precision at DCL (%)
5 docs	88.80
10 docs	83.20
15 docs	78.67
20 docs	76.80
30 docs	72.53
100 docs	57.16
200 docs	40.90
500 docs	22.15
1000 docs	12.55
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	51.18



Exact R-Precision	
Maximum	0.8493
Minimum	0.0192
First Quartile	0.4486
Second Quartile	0.5472
Third Quartile	0.6141
Interquartile range	0.1655
Mean	0.5118
Standard Deviation	0.1800
Lower Outlier Threshold	0.2656
Upper Outlier Threshold	0.8493
Mean With No Outliers	0.5515
Std With No Outliers	0.1209



Precision averages (%) for individual queries			
Topic 151	54.72	Topic 164	1.92
Topic 152	64.90	Topic 165	84.93
Topic 153	73.33	Topic 166	53.23
Topic 154	58.03	Topic 167	55.56
Topic 155	42.49	Topic 168	48.98
Topic 156	63.44	Topic 169	9.09
Topic 157	43.08	Topic 170	56.41
Topic 158	58.43	Topic 171	45.45
Topic 159	61.11	Topic 172	45.45
Topic 160	55.56	Topic 173	62.30
Topic 161	67.41	Topic 174	52.27
Topic 162	54.31	Topic 175	26.56
Topic 163	40.47		

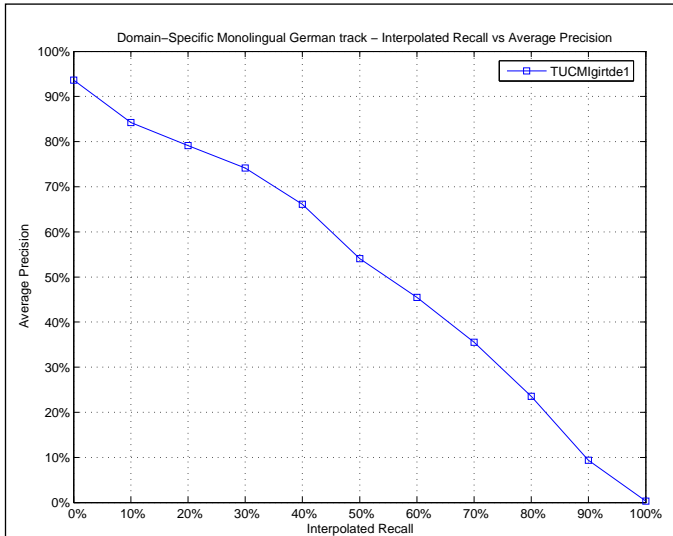




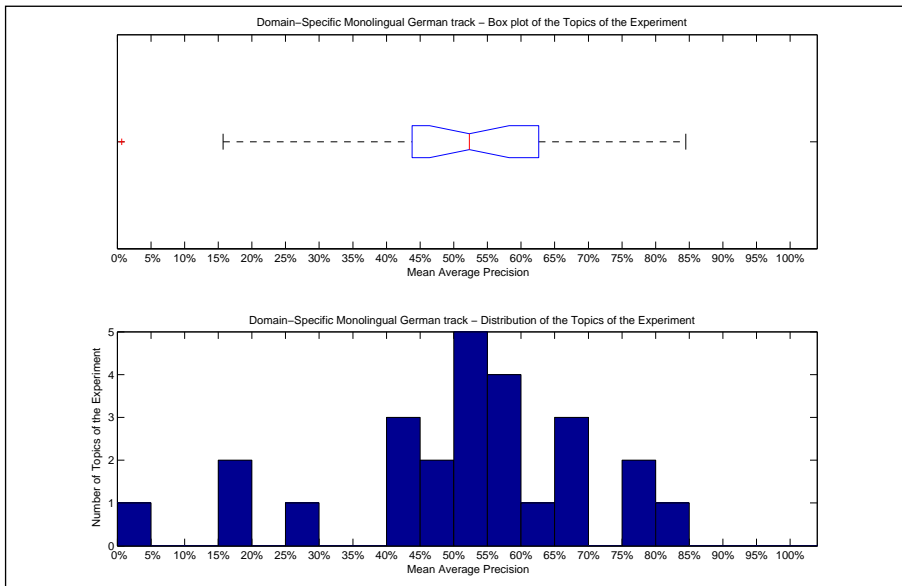
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,126
Geometric Mean Average Precision	0.4193
Binary Preference (BPREF)	0.5592

Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
Snowball-Ger2-QE-BF2	

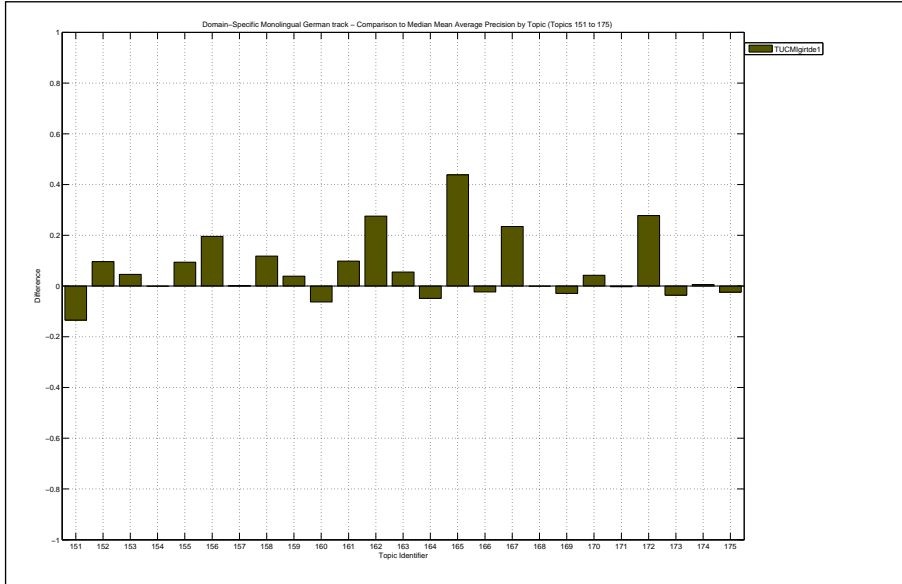
Interploated Recall (%)	Precision Averages (%)
0	93.64
10	84.22
20	79.12
30	74.12
40	66.11
50	54.08
60	45.45
70	35.55
80	23.52
90	9.36
100	0.27
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
51.22	



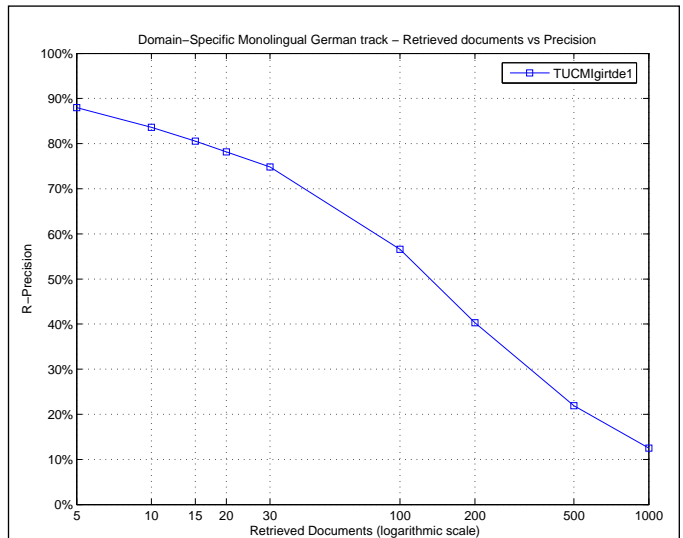
Mean Average Precision	
Maximum	0.8447
Minimum	0.0067
First Quartile	0.4379
Second Quartile	0.5232
Third Quartile	0.6261
Interquartile range	0.1882
Mean	0.5122
Standard Deviation	0.1960
Lower Outlier Threshold	0.1571
Upper Outlier Threshold	0.8447
Mean With No Outliers	0.5333
Std With No Outliers	0.1688



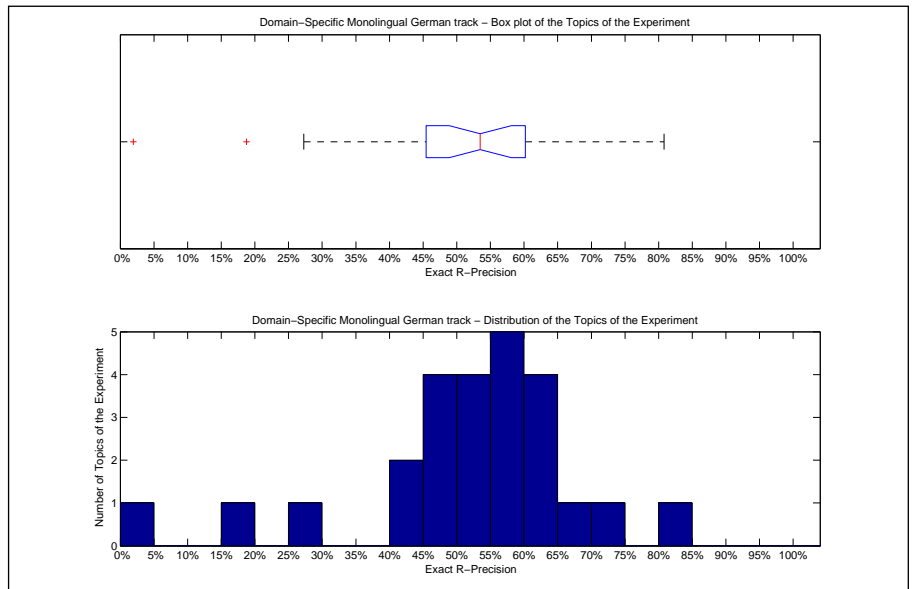
Precision averages (%) for individual queries			
Topic 151	57.35	Topic 164	0.67
Topic 152	61.39	Topic 165	84.47
Topic 153	76.31	Topic 166	57.73
Topic 154	69.28	Topic 167	50.25
Topic 155	43.45	Topic 168	45.17
Topic 156	67.92	Topic 169	15.84
Topic 157	43.80	Topic 170	58.82
Topic 158	52.01	Topic 171	43.77
Topic 159	66.28	Topic 172	50.05
Topic 160	54.31	Topic 173	59.81
Topic 161	75.32	Topic 174	48.73
Topic 162	52.32	Topic 175	15.71
Topic 163	29.78		



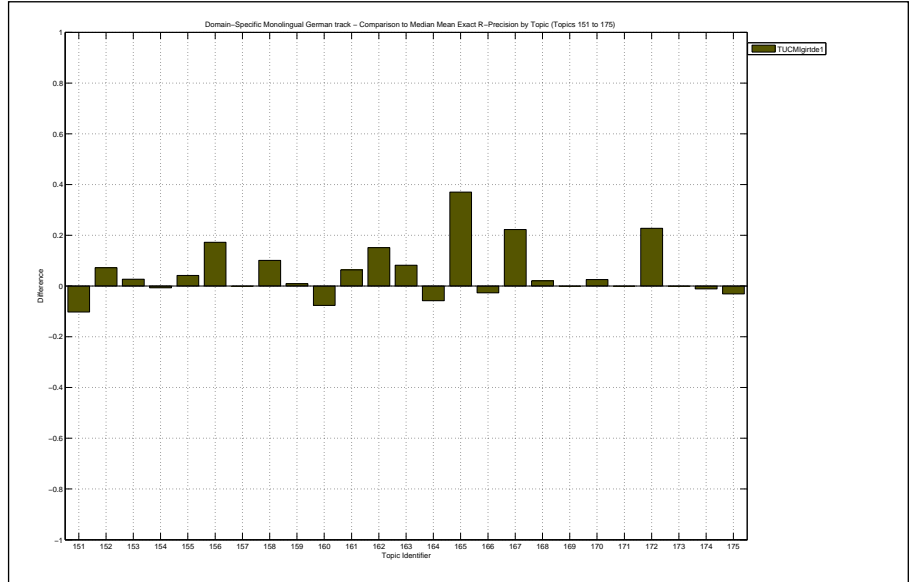
Docs Cutoff Levels	Precision at DCL (%)
5 docs	88.00
10 docs	83.60
15 docs	80.53
20 docs	78.20
30 docs	74.80
100 docs	56.60
200 docs	40.28
500 docs	21.92
1000 docs	12.50
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	50.97



Exact R-Precision	
Maximum	0.8082
Minimum	0.0192
First Quartile	0.4545
Second Quartile	0.5349
Third Quartile	0.6019
Interquartile range	0.1474
Mean	0.5097
Standard Deviation	0.1648
Lower Outlier Threshold	0.2727
Upper Outlier Threshold	0.8082
Mean With No Outliers	0.5451
Std With No Outliers	0.1125



Precision averages (%) for individual queries			
Topic 151	55.91	Topic 164	1.92
Topic 152	58.65	Topic 165	80.82
Topic 153	73.33	Topic 166	53.49
Topic 154	60.22	Topic 167	53.33
Topic 155	46.63	Topic 168	46.94
Topic 156	61.29	Topic 169	27.27
Topic 157	43.08	Topic 170	56.41
Topic 158	57.30	Topic 171	45.45
Topic 159	60.19	Topic 172	45.45
Topic 160	50.00	Topic 173	62.30
Topic 161	67.09	Topic 174	52.84
Topic 162	55.17	Topic 175	18.75
Topic 163	40.47		



Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,208
Geometric Mean Average Precision	0.4673
Binary Preference (BPREF)	0.5820

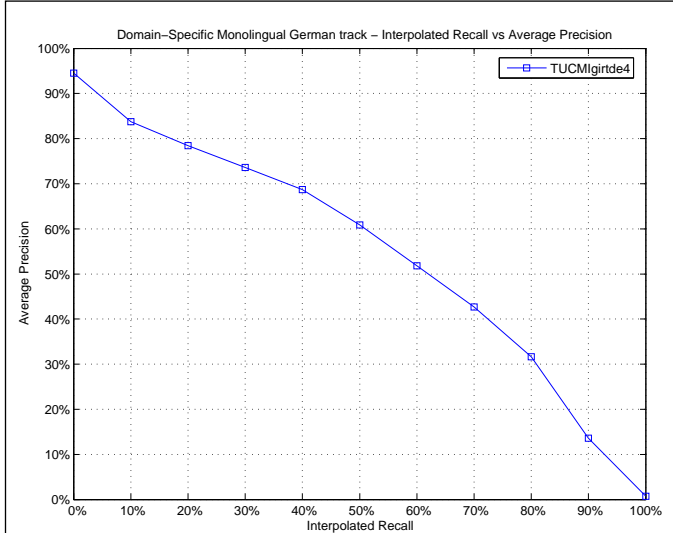
Priority	4
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Merged-TUCMigirtde1+PGD-Overst-QE-BF2

Interploated Recall (%)	Precision Averages (%)
0	94.53
10	83.78
20	78.41
30	73.58
40	68.68
50	60.84
60	51.78
70	42.69
80	31.65
90	13.59
100	0.74

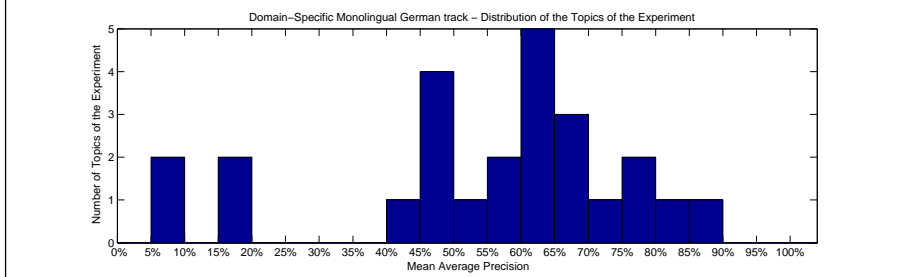
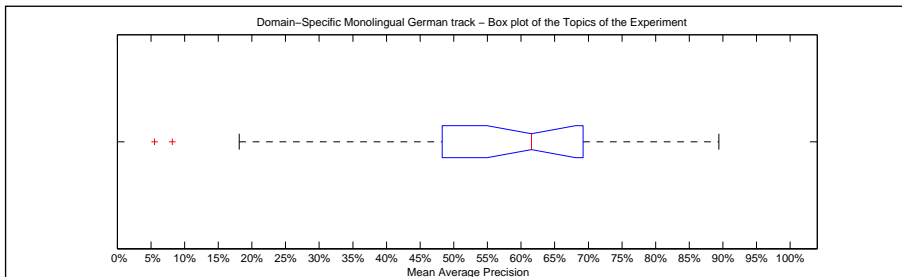
Average precision (non-interpolated) for all relevant documents (averaged over queries)

54.54



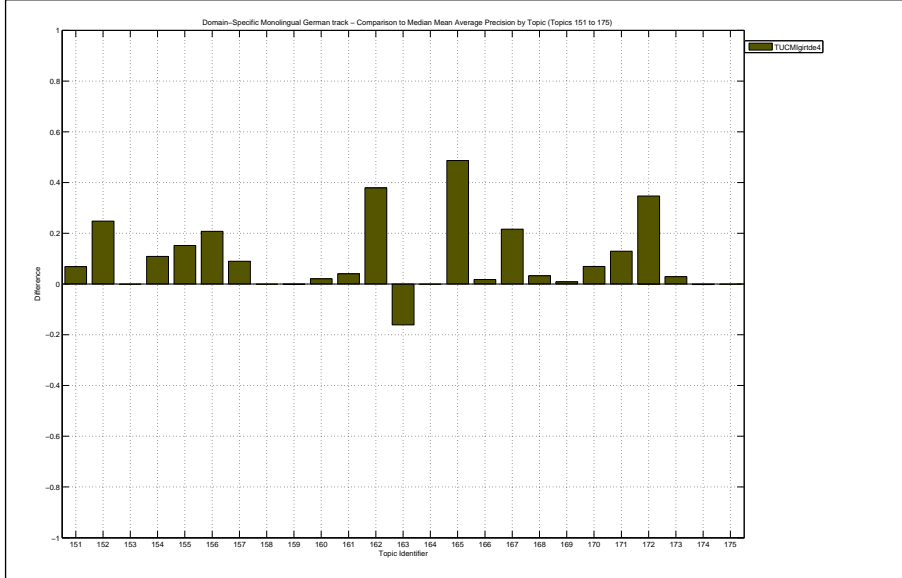
Mean Average Precision

Maximum	0.8938
Minimum	0.0551
First Quartile	0.4830
Second Quartile	0.6154
Third Quartile	0.6922
Interquartile range	0.2091
Mean	0.5454
Standard Deviation	0.2191
Lower Outlier Threshold	0.1810
Upper Outlier Threshold	0.8938
Mean With No Outliers	0.5869
Std With No Outliers	0.1728

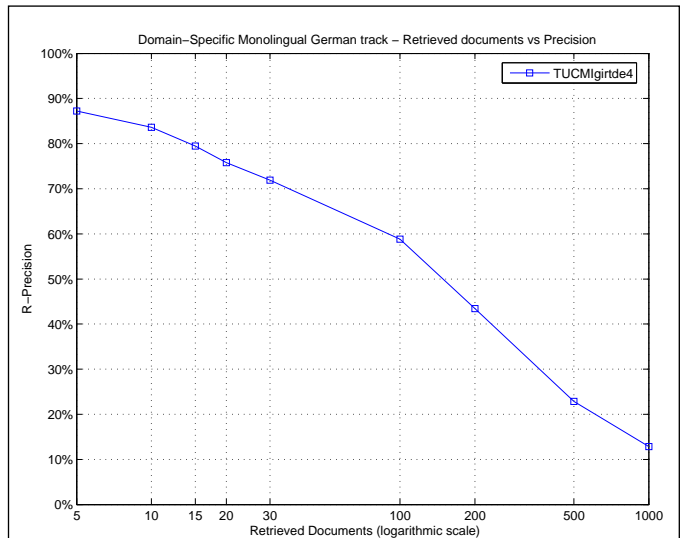


Precision averages (%) for individual queries

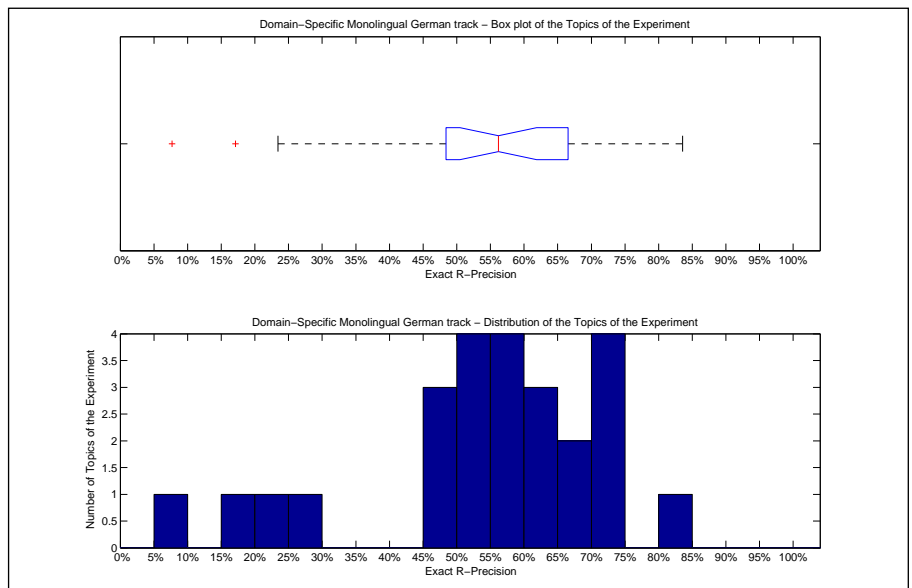
Topic 151	77.66	Topic 164	5.51
Topic 152	76.57	Topic 165	89.38
Topic 153	71.69	Topic 166	61.84
Topic 154	80.12	Topic 167	48.45
Topic 155	49.26	Topic 168	48.42
Topic 156	69.11	Topic 169	19.57
Topic 157	52.63	Topic 170	61.54
Topic 158	40.22	Topic 171	56.99
Topic 159	62.26	Topic 172	56.97
Topic 160	62.61	Topic 173	66.30
Topic 161	69.54	Topic 174	47.96
Topic 162	62.60	Topic 175	18.10
Topic 163	8.16		



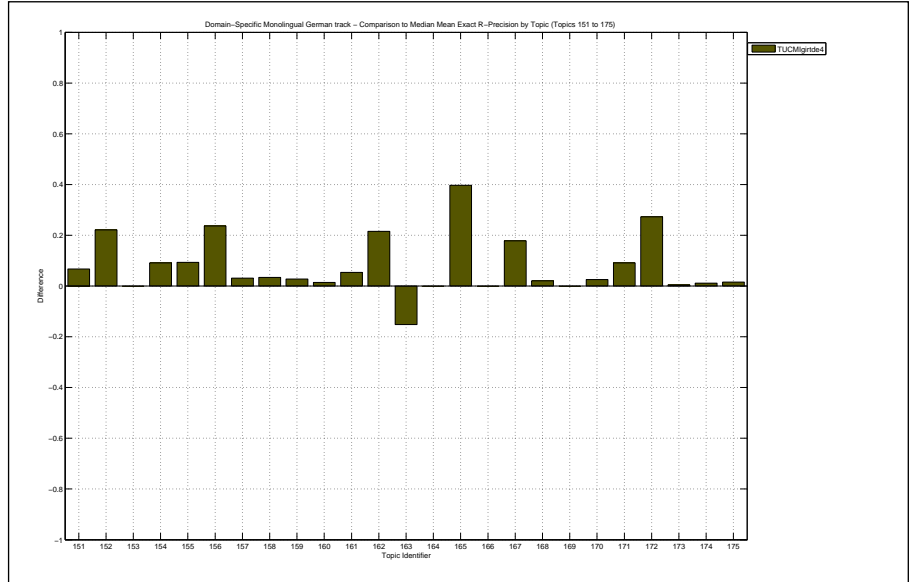
Docs Cutoff Levels	Precision at DCL (%)
5 docs	87.20
10 docs	83.60
15 docs	79.47
20 docs	75.80
30 docs	71.87
100 docs	58.80
200 docs	43.40
500 docs	22.82
1000 docs	12.83
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	53.68



Exact R-Precision	
Maximum	0.8356
Minimum	0.0769
First Quartile	0.4840
Second Quartile	0.5618
Third Quartile	0.6654
Interquartile range	0.1814
Mean	0.5368
Standard Deviation	0.1830
Lower Outlier Threshold	0.2344
Upper Outlier Threshold	0.8356
Mean With No Outliers	0.5727
Std With No Outliers	0.1397



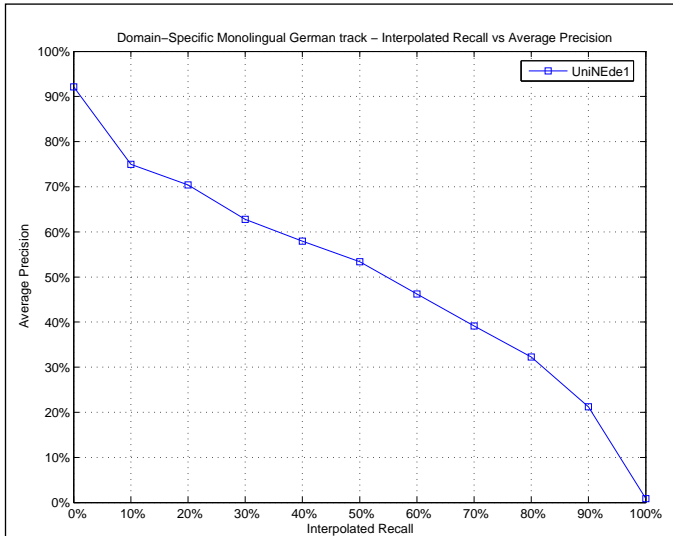
Precision averages (%) for individual queries			
Topic 151	72.83	Topic 164	7.69
Topic 152	73.56	Topic 165	83.56
Topic 153	70.67	Topic 166	56.18
Topic 154	70.07	Topic 167	48.89
Topic 155	51.81	Topic 168	46.94
Topic 156	67.74	Topic 169	27.27
Topic 157	46.15	Topic 170	56.41
Topic 158	50.56	Topic 171	54.55
Topic 159	62.04	Topic 172	50.00
Topic 160	59.03	Topic 173	62.70
Topic 161	66.14	Topic 174	55.11
Topic 162	61.64	Topic 175	23.44
Topic 163	17.12		



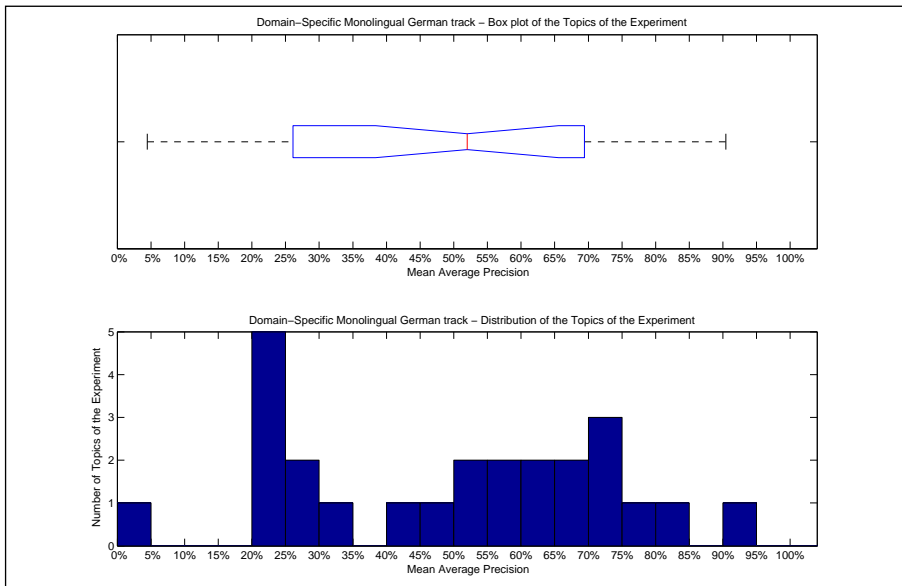
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,341
Geometric Mean Average Precision	0.4277
Binary Preference (BPREF)	0.5430

Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
data fusion of Okapi & DFR	

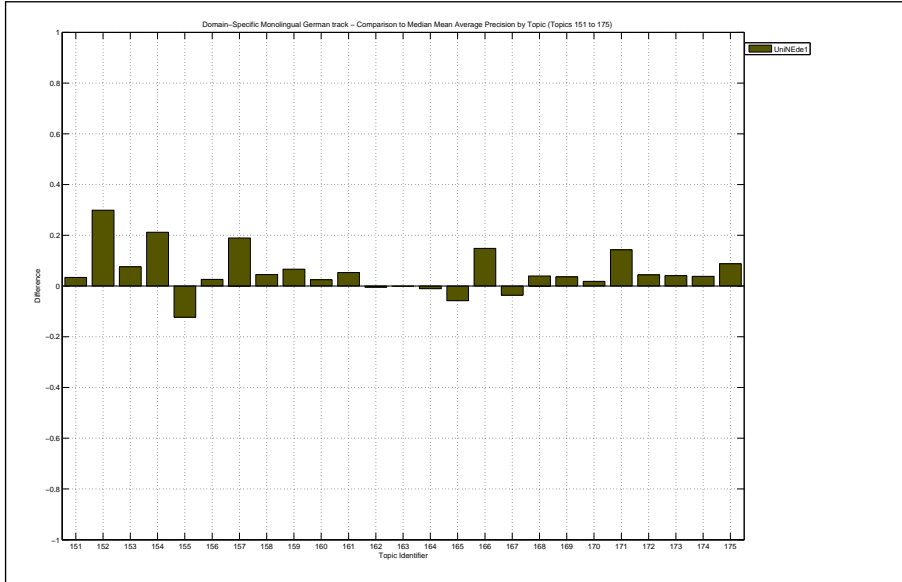
Interploated Recall (%)	Precision Averages (%)
0	92.13
10	74.93
20	70.41
30	62.76
40	57.91
50	53.36
60	46.21
70	39.14
80	32.23
90	21.22
100	0.84
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	50.15



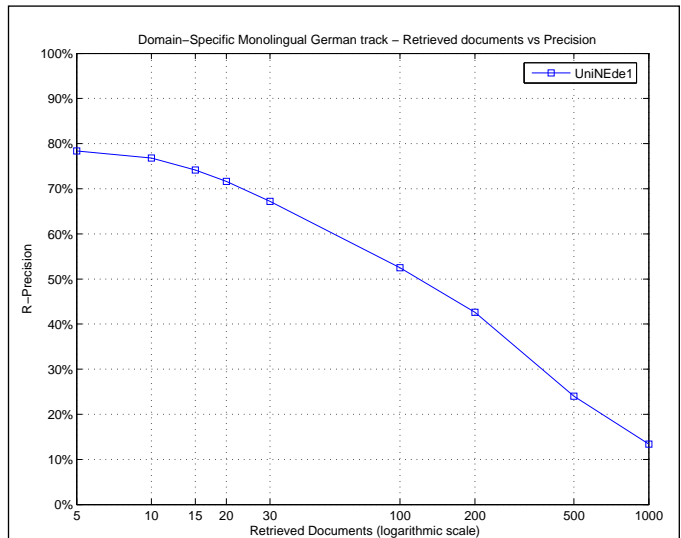
Mean Average Precision	
Maximum	0.9045
Minimum	0.0445
First Quartile	0.2610
Second Quartile	0.5200
Third Quartile	0.6943
Interquartile range	0.4333
Mean	0.5015
Standard Deviation	0.2350
Lower Outlier Threshold	0.0445
Upper Outlier Threshold	0.9045
Mean With No Outliers	0.5015
Std With No Outliers	0.2350



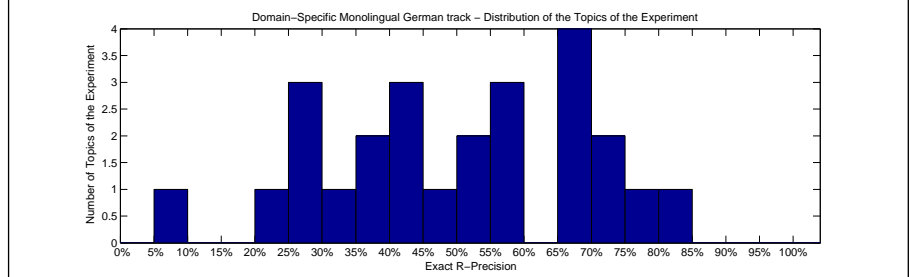
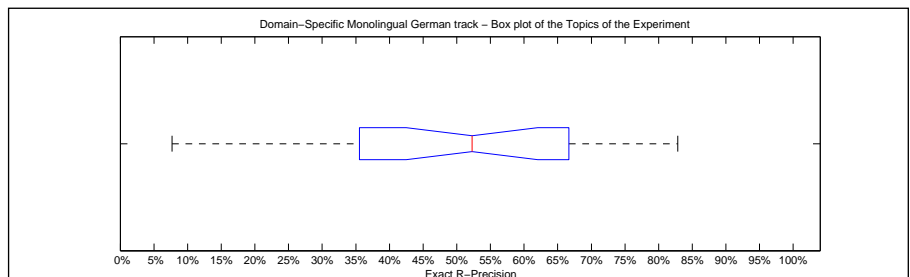
Precision averages (%) for individual queries			
Topic 151	74.19	Topic 164	4.45
Topic 152	81.64	Topic 165	34.89
Topic 153	79.24	Topic 166	74.91
Topic 154	90.45	Topic 167	23.19
Topic 155	21.72	Topic 168	49.13
Topic 156	50.97	Topic 169	22.35
Topic 157	62.60	Topic 170	56.44
Topic 158	44.76	Topic 171	58.29
Topic 159	68.98	Topic 172	26.69
Topic 160	63.04	Topic 173	67.50
Topic 161	70.76	Topic 174	52.00
Topic 162	24.32	Topic 175	26.87
Topic 163	24.28		



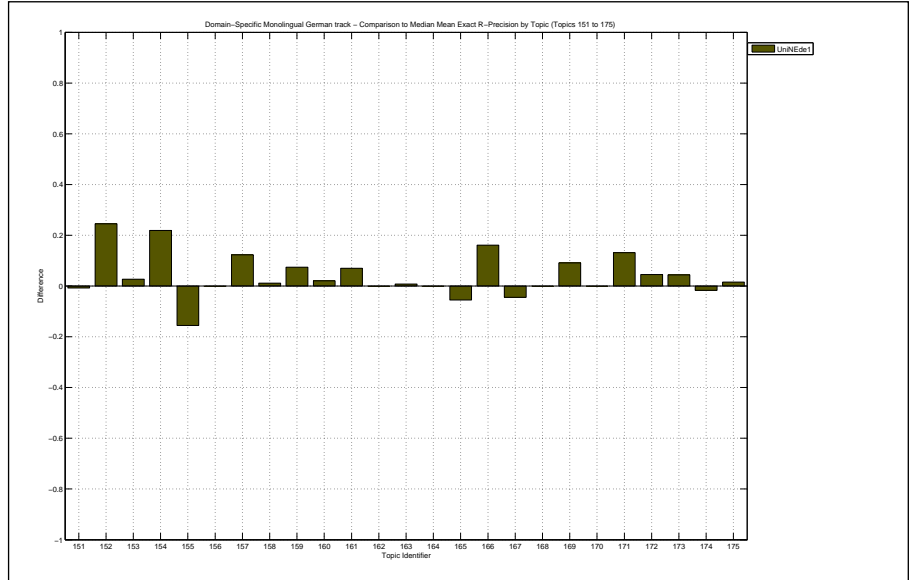
Docs Cutoff Levels	Precision at DCL (%)
5 docs	78.40
10 docs	76.80
15 docs	74.13
20 docs	71.60
30 docs	67.20
100 docs	52.52
200 docs	42.62
500 docs	24.00
1000 docs	13.36
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	49.91



Exact R-Precision	
Maximum	0.8285
Minimum	0.0769
First Quartile	0.3554
Second Quartile	0.5227
Third Quartile	0.6667
Interquartile range	0.3113
Mean	0.4991
Standard Deviation	0.1934
Lower Outlier Threshold	0.0769
Upper Outlier Threshold	0.8285
Mean With No Outliers	0.4991
Std With No Outliers	0.1934



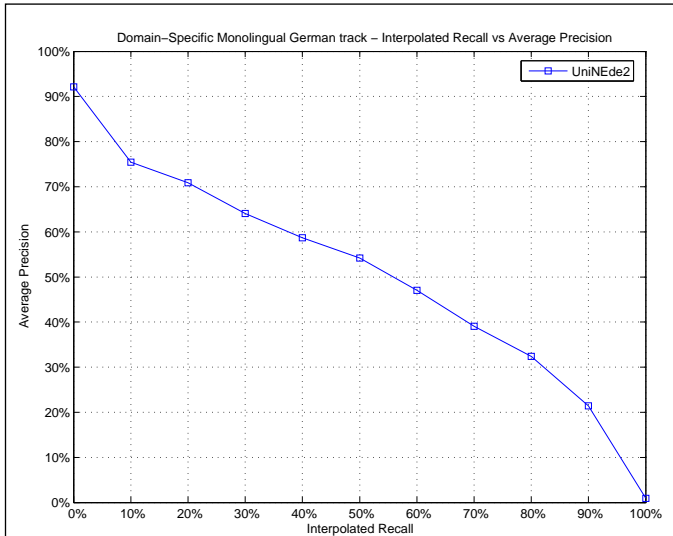
Precision averages (%) for individual queries			
Topic 151	65.35	Topic 164	7.69
Topic 152	75.96	Topic 165	38.36
Topic 153	73.33	Topic 166	72.31
Topic 154	82.85	Topic 167	26.67
Topic 155	26.94	Topic 168	44.90
Topic 156	44.09	Topic 169	36.36
Topic 157	55.38	Topic 170	53.85
Topic 158	48.31	Topic 171	58.59
Topic 159	66.67	Topic 172	27.27
Topic 160	59.72	Topic 173	66.67
Topic 161	67.72	Topic 174	52.27
Topic 162	40.09	Topic 175	23.44
Topic 163	33.07		



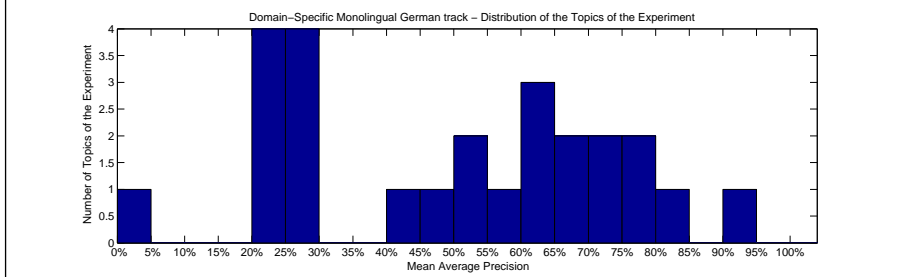
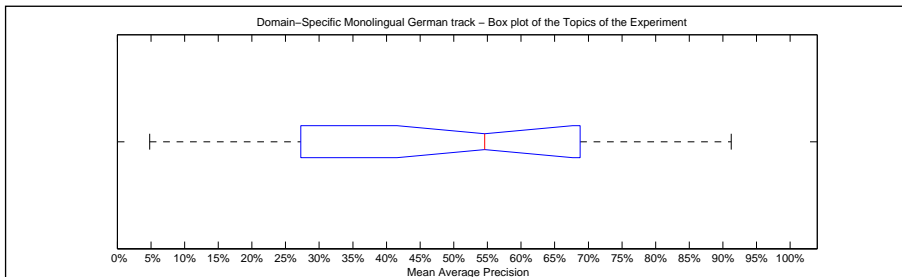
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,360
Geometric Mean Average Precision	0.4336
Binary Preference (BPREF)	0.5451

Priority	3
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
data fusion of DFR, LM & Okapi	

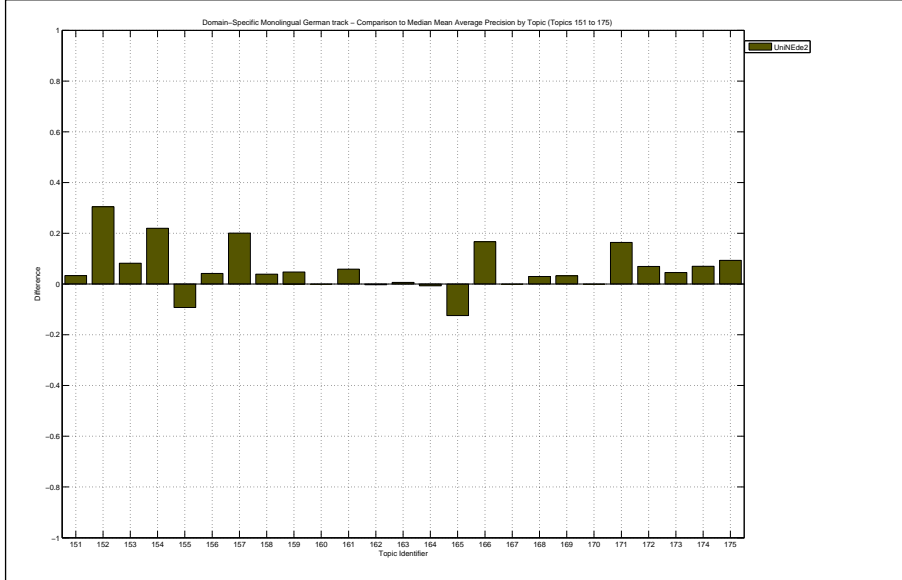
Interploated Recall (%)	Precision Averages (%)
0	92.11
10	75.43
20	70.85
30	64.10
40	58.70
50	54.22
60	47.01
70	39.06
80	32.38
90	21.42
100	0.94
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	50.51



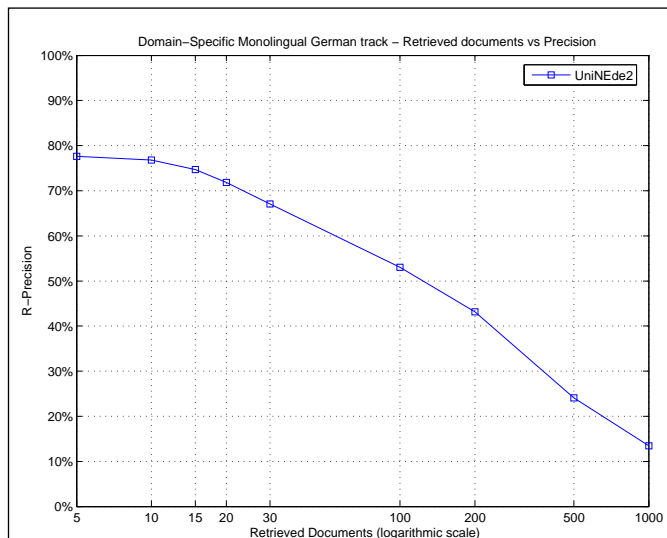
Mean Average Precision	
Maximum	0.9124
Minimum	0.0480
First Quartile	0.2726
Second Quartile	0.5461
Third Quartile	0.6880
Interquartile range	0.4153
Mean	0.5051
Standard Deviation	0.2345
Lower Outlier Threshold	0.0480
Upper Outlier Threshold	0.9124
Mean With No Outliers	0.5051
Std With No Outliers	0.2345



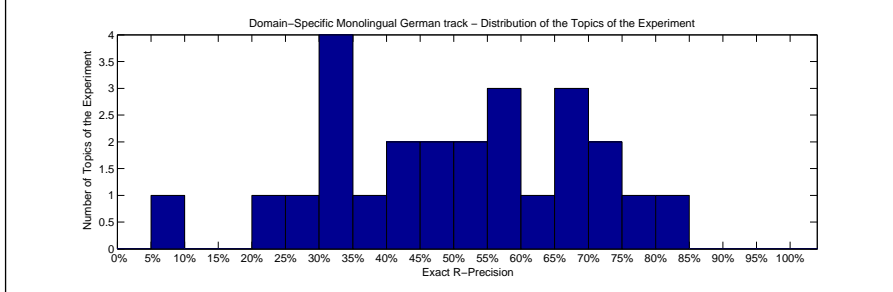
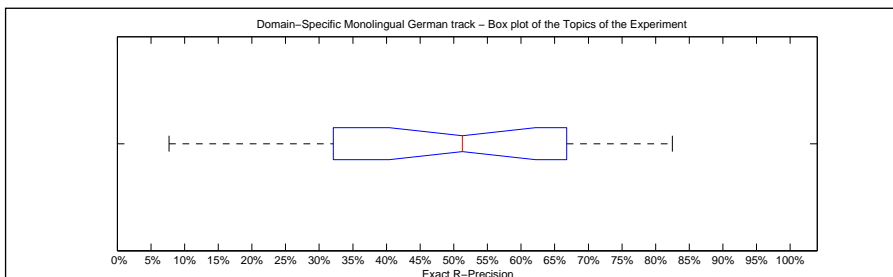
Precision averages (%) for individual queries			
Topic 151	74.13	Topic 164	4.80
Topic 152	82.19	Topic 165	28.28
Topic 153	79.91	Topic 166	76.80
Topic 154	91.24	Topic 167	26.80
Topic 155	24.77	Topic 168	48.10
Topic 156	52.54	Topic 169	21.97
Topic 157	63.73	Topic 170	54.61
Topic 158	44.10	Topic 171	60.41
Topic 159	67.08	Topic 172	29.23
Topic 160	60.59	Topic 173	67.93
Topic 161	71.39	Topic 174	55.23
Topic 162	24.50	Topic 175	27.42
Topic 163	24.91		



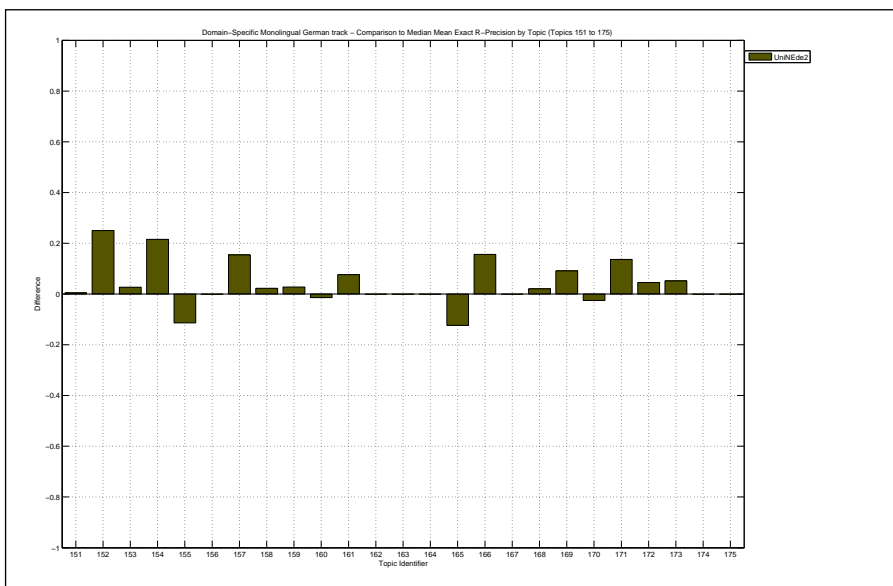
Docs Cutoff Levels	Precision at DCL (%)
5 docs	77.60
10 docs	76.80
15 docs	74.67
20 docs	71.80
30 docs	67.07
100 docs	53.04
200 docs	43.12
500 docs	24.09
1000 docs	13.44
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	49.89



Exact R-Precision	
Maximum	0.8248
Minimum	0.0769
First Quartile	0.3210
Second Quartile	0.5128
Third Quartile	0.6677
Interquartile range	0.3467
Mean	0.4989
Standard Deviation	0.1919
Lower Outlier Threshold	0.0769
Upper Outlier Threshold	0.8248
Mean With No Outliers	0.4989
Std With No Outliers	0.1919



Precision averages (%) for individual queries			
Topic 151	66.54	Topic 164	7.69
Topic 152	76.44	Topic 165	31.51
Topic 153	73.33	Topic 166	71.77
Topic 154	82.48	Topic 167	31.11
Topic 155	31.09	Topic 168	46.94
Topic 156	44.09	Topic 169	36.36
Topic 157	58.46	Topic 170	51.28
Topic 158	49.44	Topic 171	59.09
Topic 159	62.04	Topic 172	27.27
Topic 160	56.25	Topic 173	67.46
Topic 161	68.35	Topic 174	53.98
Topic 162	40.09	Topic 175	21.88
Topic 163	32.30		





Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	3,389
Geometric Mean Average Precision	0.4553
Binary Preference (BPREF)	0.5571

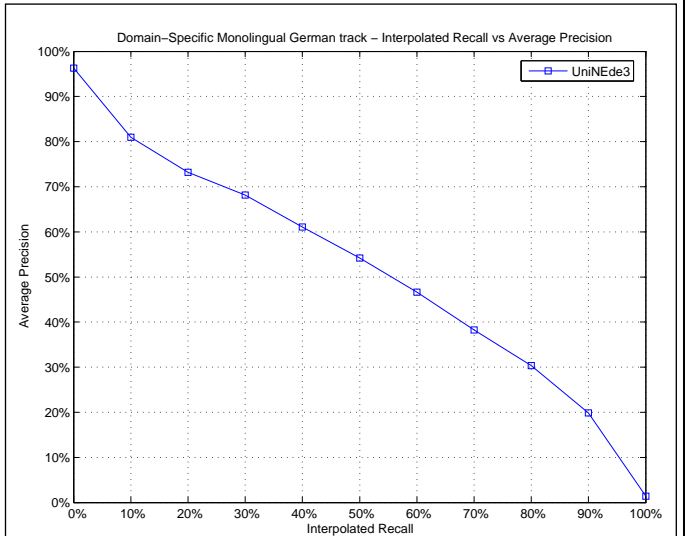
Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description, narrative
Pooled	true

data fusion of DFR, LM & Okapi

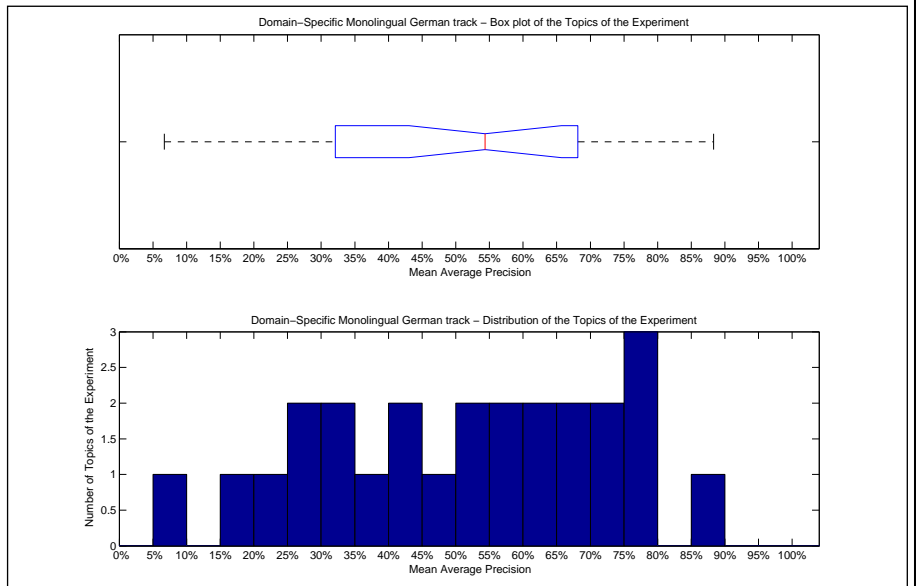
Interploated Recall (%)	Precision Averages (%)
0	96.29
10	80.98
20	73.20
30	68.16
40	61.09
50	54.21
60	46.60
70	38.24
80	30.36
90	19.89
100	1.41

Average precision (non-interpolated) for all relevant documents (averaged over queries)

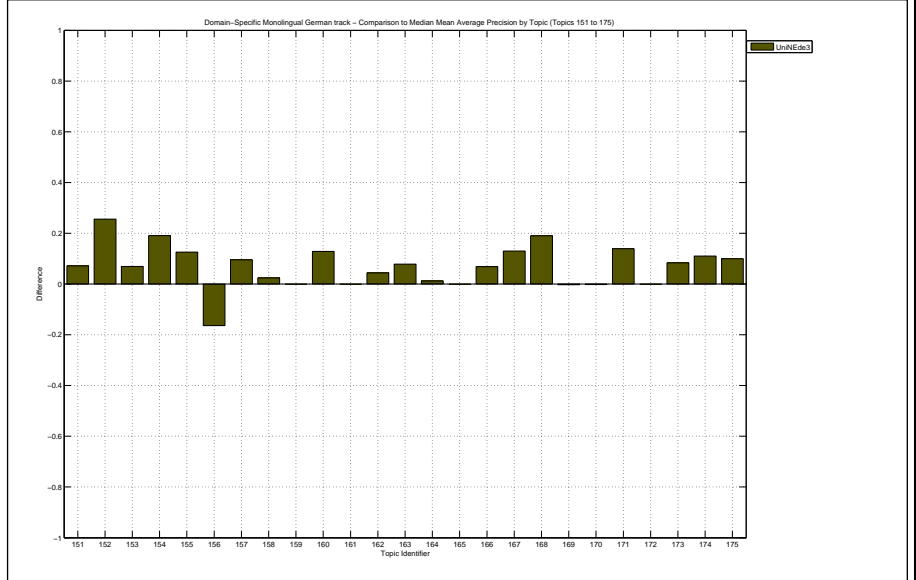
51.59



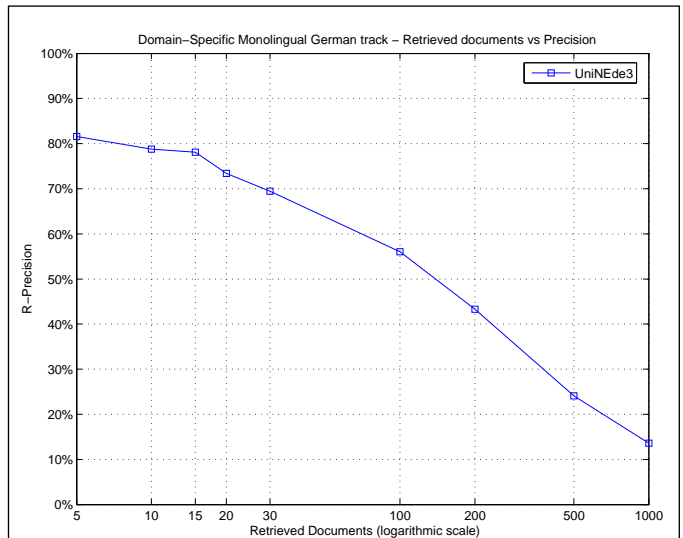
Mean Average Precision	
Maximum	0.8834
Minimum	0.0671
First Quartile	0.3210
Second Quartile	0.5437
Third Quartile	0.6812
Interquartile range	0.3602
Mean	0.5159
Standard Deviation	0.2169
Lower Outlier Threshold	0.0671
Upper Outlier Threshold	0.8834
Mean With No Outliers	0.5159
Std With No Outliers	0.2169



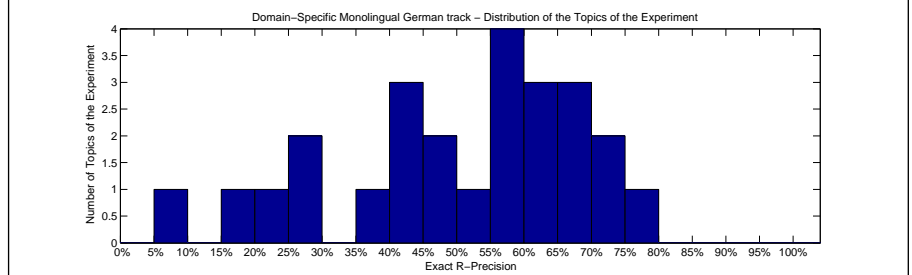
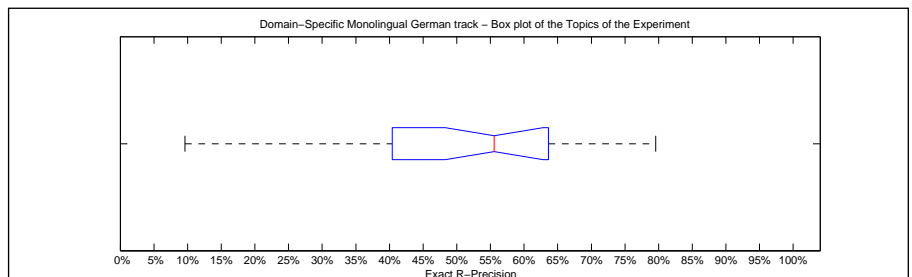
Precision averages (%) for individual queries			
Topic 151	77.93	Topic 164	6.71
Topic 152	77.34	Topic 165	40.68
Topic 153	78.64	Topic 166	66.91
Topic 154	88.34	Topic 167	39.84
Topic 155	46.60	Topic 168	64.18
Topic 156	31.95	Topic 169	18.47
Topic 157	53.15	Topic 170	54.37
Topic 158	42.59	Topic 171	57.99
Topic 159	62.37	Topic 172	22.30
Topic 160	73.48	Topic 173	71.76
Topic 161	65.49	Topic 174	59.26
Topic 162	29.11	Topic 175	28.08
Topic 163	32.15		



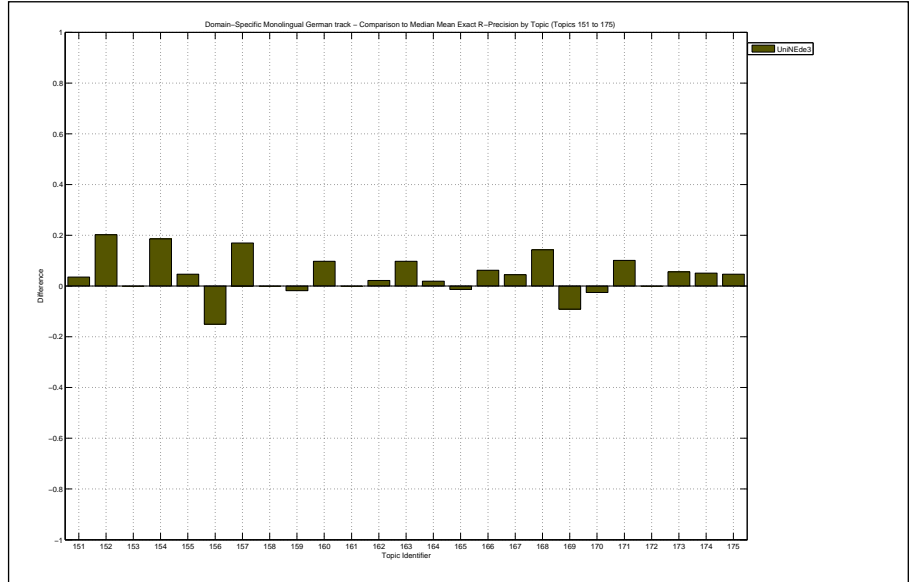
Docs Cutoff Levels	Precision at DCL (%)
5 docs	81.60
10 docs	78.80
15 docs	78.13
20 docs	73.40
30 docs	69.47
100 docs	56.00
200 docs	43.28
500 docs	24.06
1000 docs	13.56
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	50.21



Exact R-Precision	
Maximum	0.7956
Minimum	0.0962
First Quartile	0.4041
Second Quartile	0.5556
Third Quartile	0.6361
Interquartile range	0.2321
Mean	0.5021
Standard Deviation	0.1846
Lower Outlier Threshold	0.0962
Upper Outlier Threshold	0.7956
Mean With No Outliers	0.5021
Std With No Outliers	0.1846



Precision averages (%) for individual queries			
Topic 151	69.69	Topic 164	9.62
Topic 152	71.63	Topic 165	42.47
Topic 153	70.67	Topic 166	62.37
Topic 154	79.56	Topic 167	35.56
Topic 155	47.15	Topic 168	59.18
Topic 156	29.03	Topic 169	18.18
Topic 157	60.00	Topic 170	51.28
Topic 158	47.19	Topic 171	55.56
Topic 159	57.41	Topic 172	22.73
Topic 160	67.36	Topic 173	67.86
Topic 161	60.76	Topic 174	59.09
Topic 162	42.24	Topic 175	26.56
Topic 163	42.02		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	913
Relevant retrieved	792
Geometric Mean Average Precision	0.0728
Binary Preference (BPREF)	0.2321

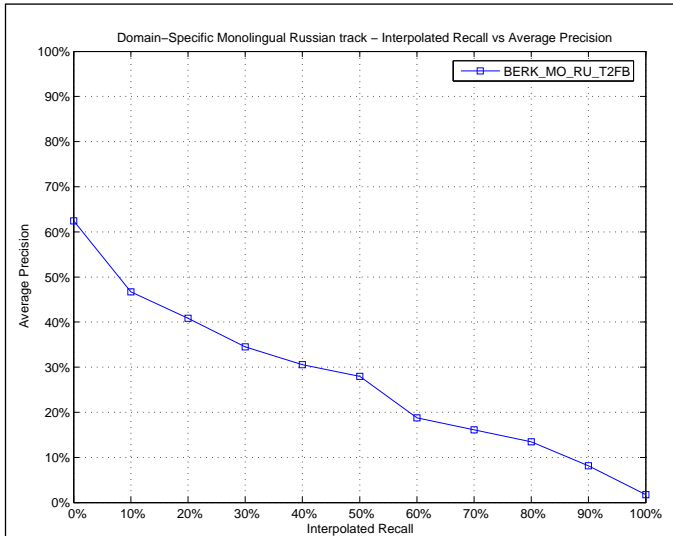
Priority	1
Query Construction	AUTOMATIC
Source Language	Russian
Topic Fields	title, description
Pooled	true

Berkeley Trec2 algorithm with blind feedback

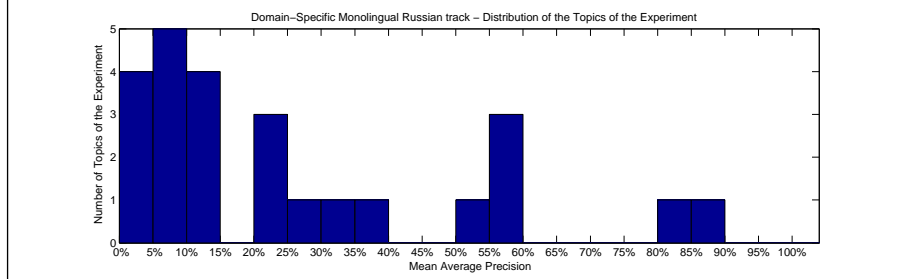
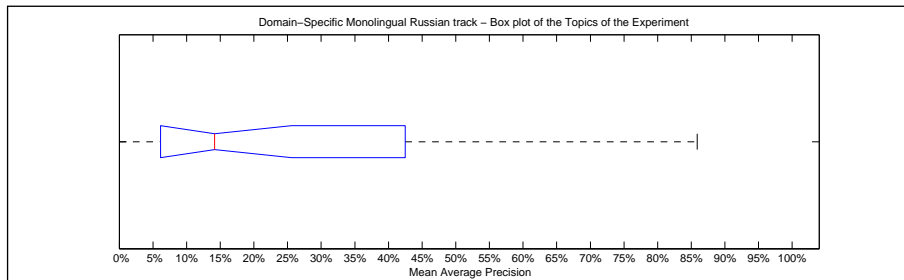
Interploated Recall (%)	Precision Averages (%)
0	62.41
10	46.67
20	40.81
30	34.50
40	30.55
50	27.95
60	18.74
70	16.12
80	13.45
90	8.17
100	1.76

Average precision (non-interpolated) for all relevant documents (averaged over queries)

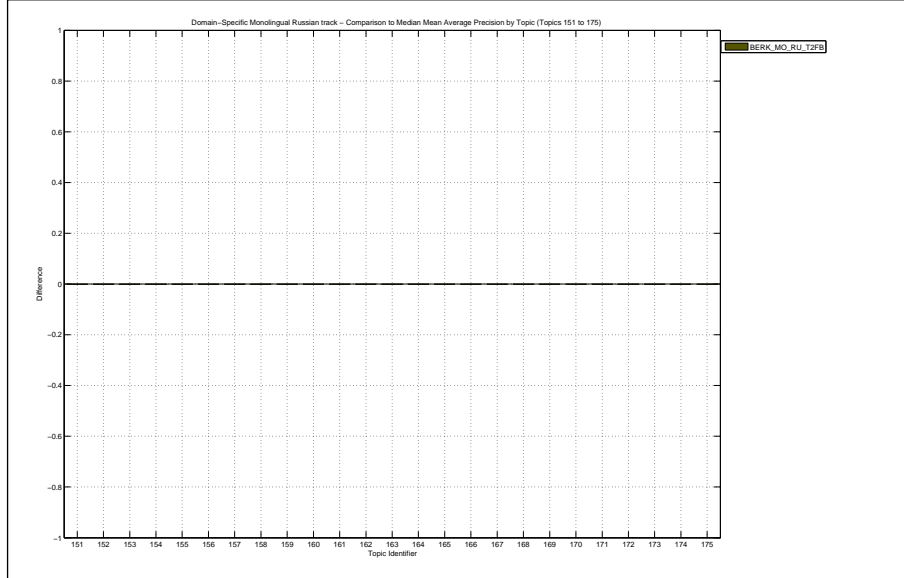
25.42



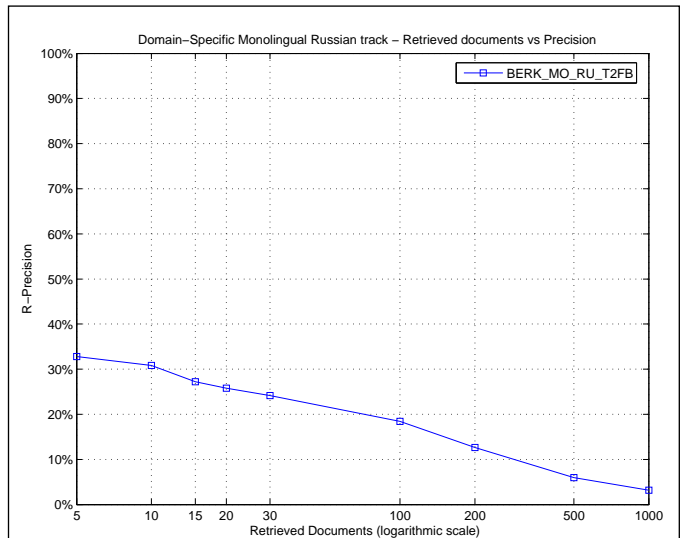
Mean Average Precision	
Maximum	0.8590
Minimum	0.0000
First Quartile	0.0611
Second Quartile	0.1418
Third Quartile	0.4248
Interquartile range	0.3637
Mean	0.2542
Standard Deviation	0.2547
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.8590
Mean With No Outliers	0.2542
Std With No Outliers	0.2547



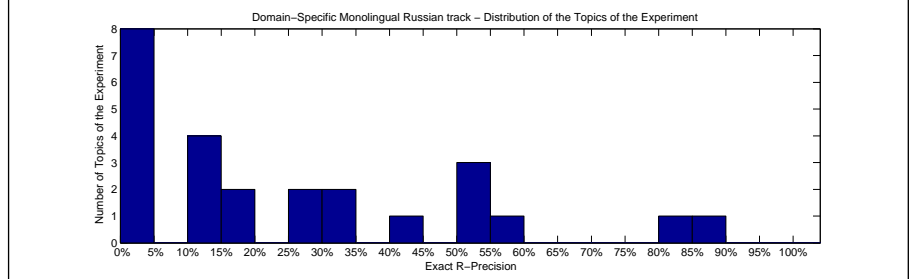
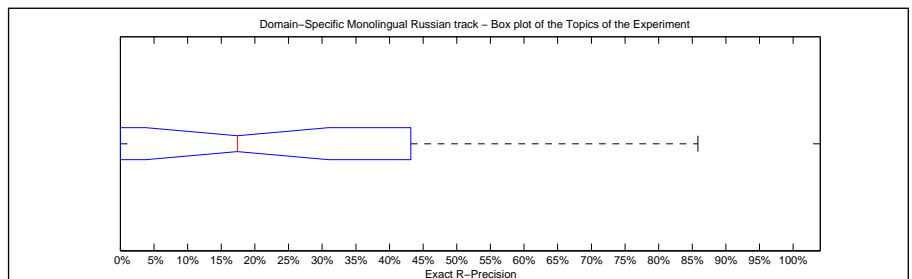
Precision averages (%) for individual queries			
Topic 151	10.89	Topic 164	5.28
Topic 152	58.46	Topic 165	10.75
Topic 153	14.18	Topic 166	5.94
Topic 154	6.17	Topic 167	9.10
Topic 155	21.49	Topic 168	26.19
Topic 156	20.18	Topic 169	2.00
Topic 157	55.88	Topic 170	7.47
Topic 158	12.80	Topic 171	50.31
Topic 159	57.00	Topic 172	0.30
Topic 160	80.15	Topic 173	20.85
Topic 161	34.39	Topic 174	0.00
Topic 162	39.87	Topic 175	0.00
Topic 163	85.90		



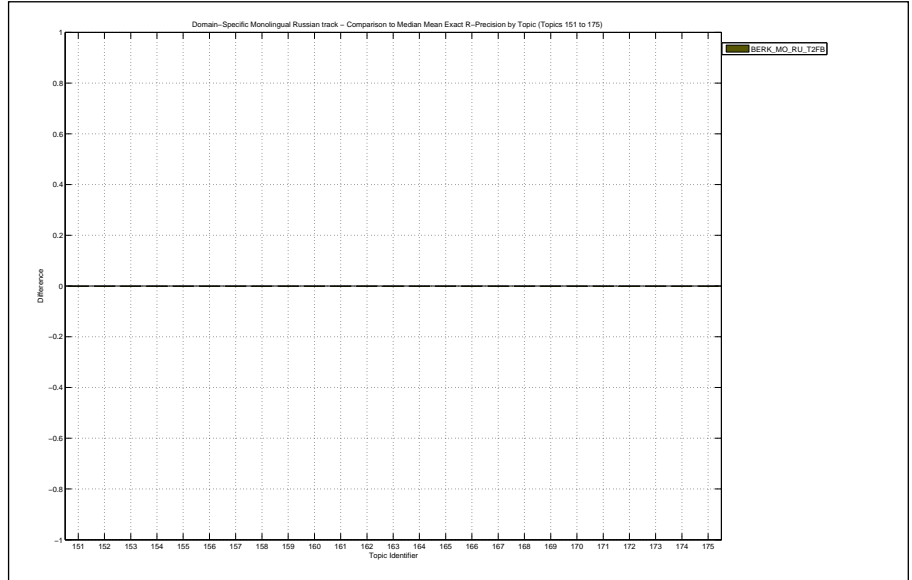
Docs Cutoff Levels	Precision at DCL (%)
5 docs	32.80
10 docs	30.80
15 docs	27.20
20 docs	25.80
30 docs	24.13
100 docs	18.44
200 docs	12.62
500 docs	5.94
1000 docs	3.17
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	24.85



Exact R-Precision	
Maximum	0.8584
Minimum	0.0000
First Quartile	0.0000
Second Quartile	0.1739
Third Quartile	0.4318
Interquartile range	0.4318
Mean	0.2485
Standard Deviation	0.2561
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.8584
Mean With No Outliers	0.2485
Std With No Outliers	0.2561



Precision averages (%) for individual queries			
Topic 151	18.75	Topic 164	0.00
Topic 152	55.81	Topic 165	11.11
Topic 153	17.39	Topic 166	0.00
Topic 154	12.12	Topic 167	0.00
Topic 155	13.51	Topic 168	25.00
Topic 156	25.00	Topic 169	0.00
Topic 157	50.00	Topic 170	4.35
Topic 158	14.29	Topic 171	50.00
Topic 159	52.38	Topic 172	0.00
Topic 160	81.98	Topic 173	30.00
Topic 161	40.91	Topic 174	0.00
Topic 162	32.76	Topic 175	0.00
Topic 163	85.84		



Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	2,674
Geometric Mean Average Precision	0.2108
Binary Preference (BPREF)	0.3765

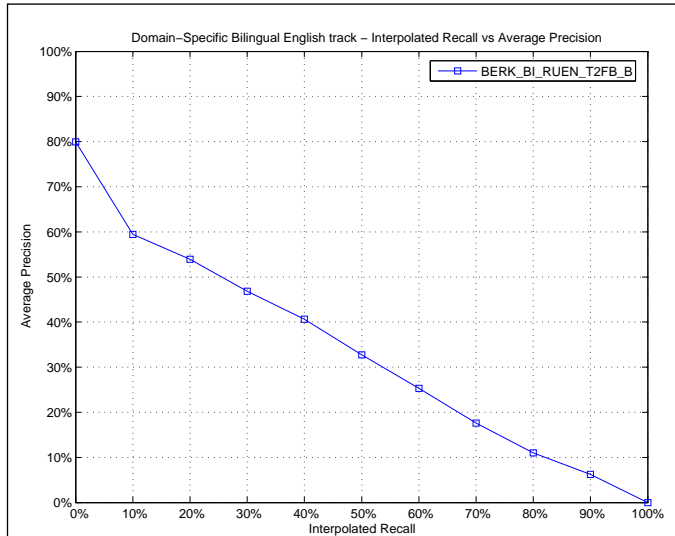
Priority	3
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

Russian to English using Babelfish

Interploated Recall (%)	Precision Averages (%)
0	79.91
10	59.42
20	53.91
30	46.84
40	40.64
50	32.74
60	25.29
70	17.61
80	10.98
90	6.21
100	0.00

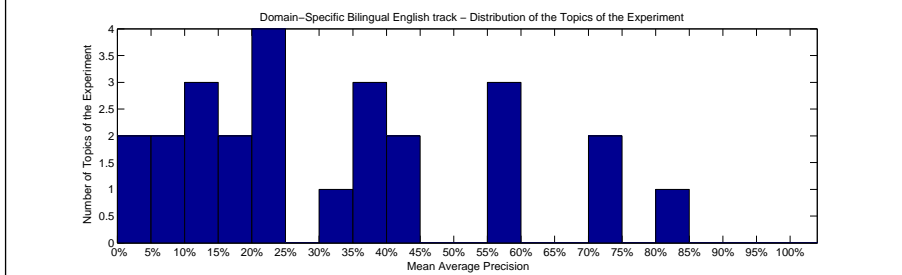
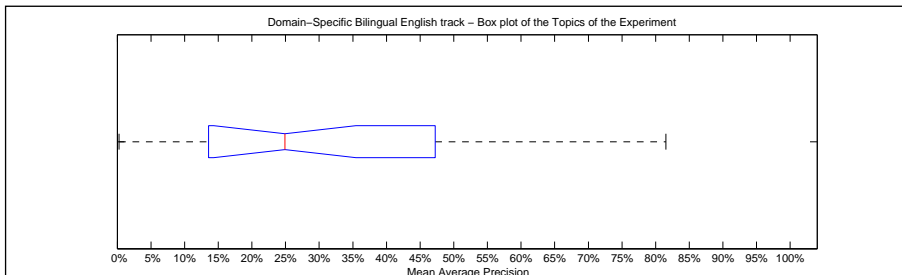
Average precision (non-interpolated) for all relevant documents (averaged over queries)

32.28



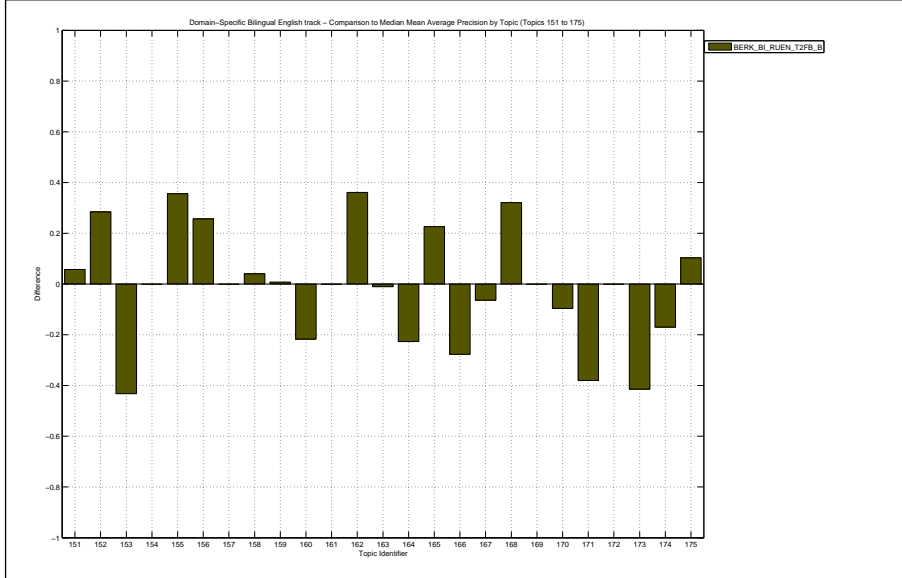
Mean Average Precision

Maximum	0.8151
Minimum	0.0025
First Quartile	0.1356
Second Quartile	0.2490
Third Quartile	0.4725
Interquartile range	0.3369
Mean	0.3228
Standard Deviation	0.2296
Lower Outlier Threshold	0.0025
Upper Outlier Threshold	0.8151
Mean With No Outliers	0.3228
Std With No Outliers	0.2296

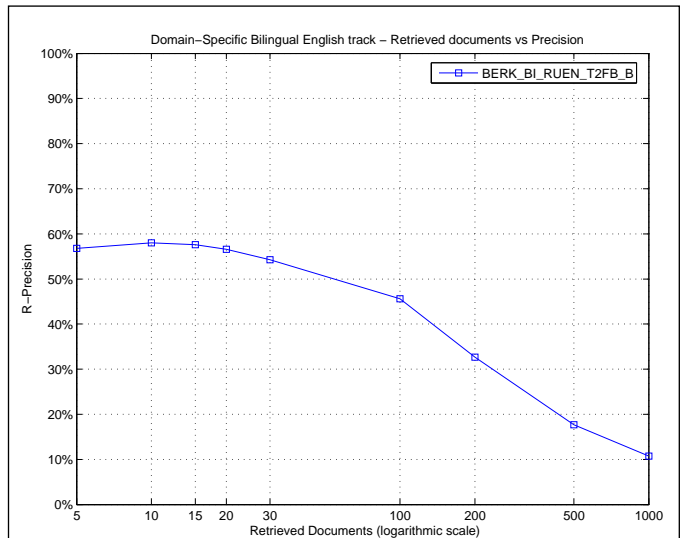


Precision averages (%) for individual queries

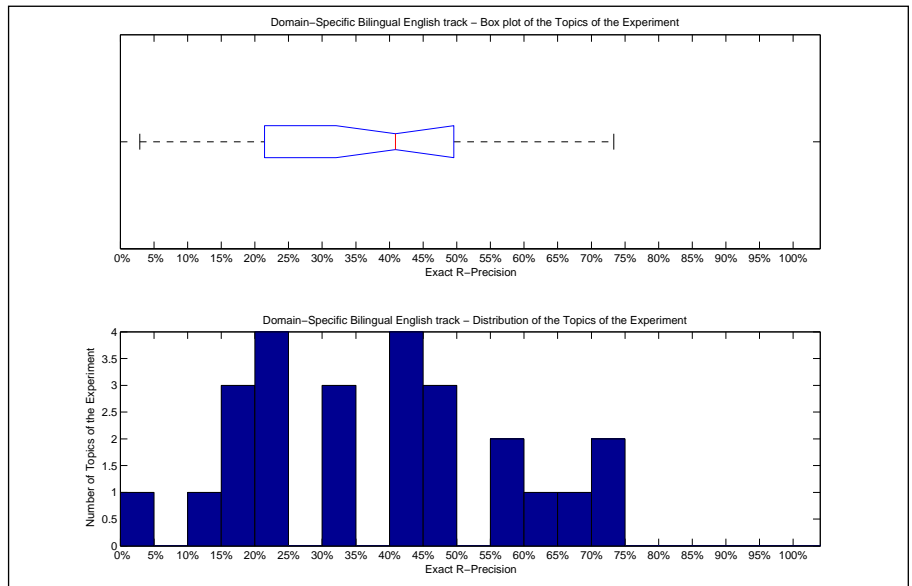
Topic 151	71.74	Topic 164	6.08
Topic 152	57.51	Topic 165	81.51
Topic 153	2.41	Topic 166	20.56
Topic 154	56.77	Topic 167	13.64
Topic 155	37.93	Topic 168	55.32
Topic 156	38.09	Topic 169	16.83
Topic 157	41.54	Topic 170	24.90
Topic 158	8.00	Topic 171	11.19
Topic 159	70.05	Topic 172	22.09
Topic 160	19.96	Topic 173	0.25
Topic 161	33.66	Topic 174	37.45
Topic 162	44.56	Topic 175	21.67
Topic 163	13.32		



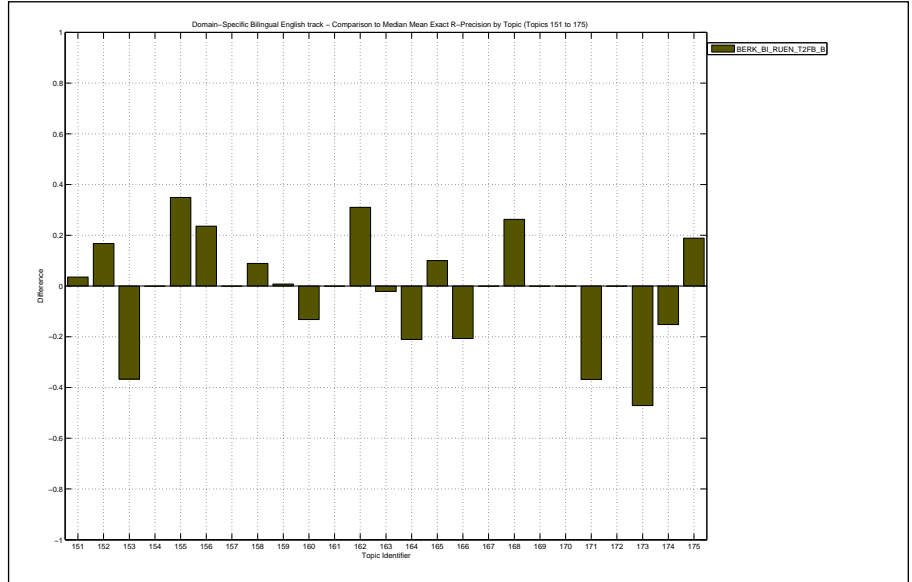
Docs Cutoff Levels	Precision at DCL (%)
5 docs	56.80
10 docs	58.00
15 docs	57.60
20 docs	56.60
30 docs	54.27
100 docs	45.60
200 docs	32.66
500 docs	17.66
1000 docs	10.70
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	37.63



Exact R-Precision	
Maximum	0.7333
Minimum	0.0289
First Quartile	0.2144
Second Quartile	0.4091
Third Quartile	0.4958
Interquartile range	0.2814
Mean	0.3763
Standard Deviation	0.1941
Lower Outlier Threshold	0.0289
Upper Outlier Threshold	0.7333
Mean With No Outliers	0.3763
Std With No Outliers	0.1941



Precision averages (%) for individual queries			
Topic 151	67.06	Topic 164	17.11
Topic 152	56.60	Topic 165	73.33
Topic 153	10.03	Topic 166	30.47
Topic 154	55.51	Topic 167	21.74
Topic 155	42.76	Topic 168	60.61
Topic 156	46.23	Topic 169	19.05
Topic 157	45.26	Topic 170	40.91
Topic 158	20.54	Topic 171	18.13
Topic 159	70.90	Topic 172	22.50
Topic 160	32.08	Topic 173	2.89
Topic 161	44.62	Topic 174	42.11
Topic 162	47.60	Topic 175	30.19
Topic 163	22.54		



Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	2,784
Geometric Mean Average Precision	0.2196
Binary Preference (BPREF)	0.3683

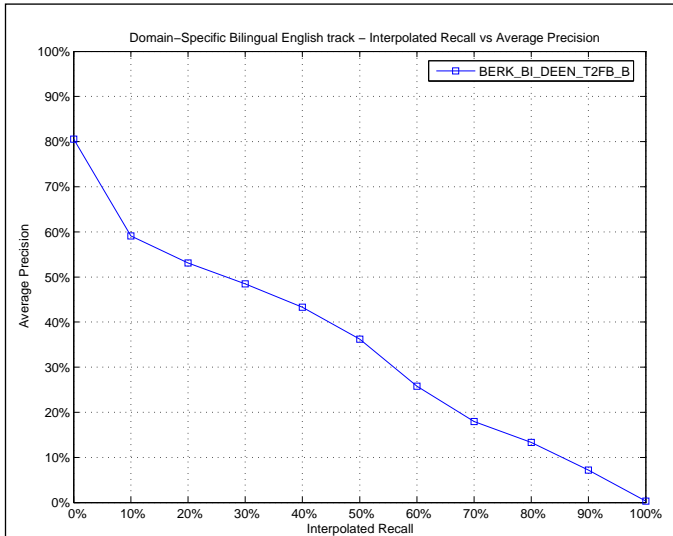
Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

German to English using Babelfish translation

Interpolated Recall (%)	Precision Averages (%)
0	80.56
10	59.08
20	53.12
30	48.49
40	43.27
50	36.18
60	25.80
70	17.92
80	13.28
90	7.19
100	0.32

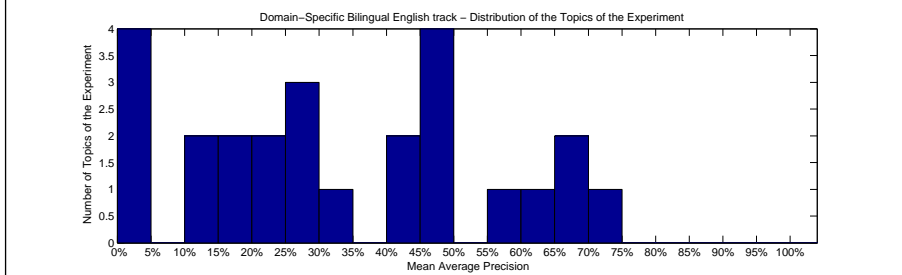
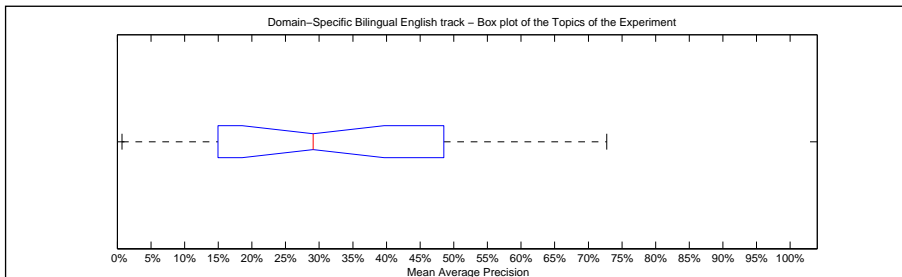
Average precision (non-interpolated) for all relevant documents (averaged over queries)

33.01



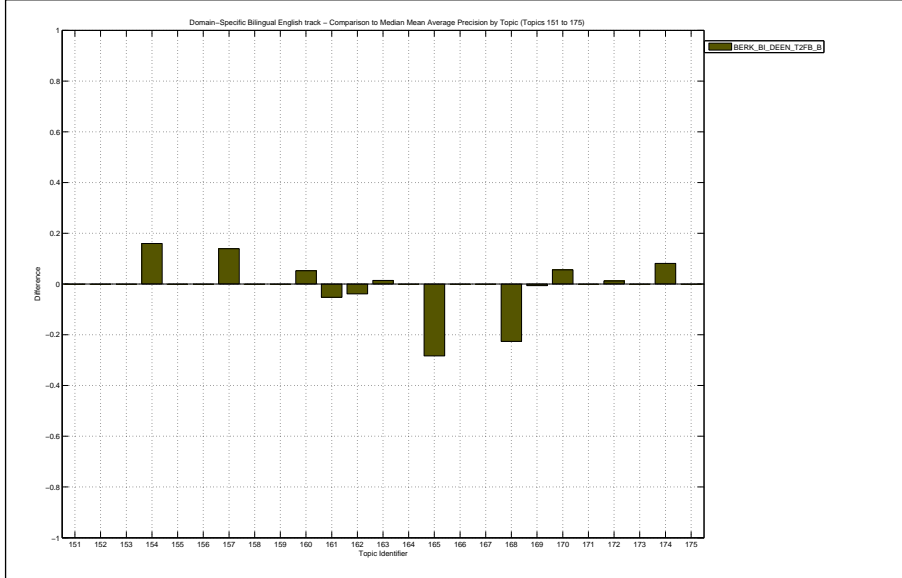
Mean Average Precision

Maximum	0.7275
Minimum	0.0068
First Quartile	0.1497
Second Quartile	0.2911
Third Quartile	0.4851
Interquartile range	0.3354
Mean	0.3301
Standard Deviation	0.2214
Lower Outlier Threshold	0.0068
Upper Outlier Threshold	0.7275
Mean With No Outliers	0.3301
Std With No Outliers	0.2214

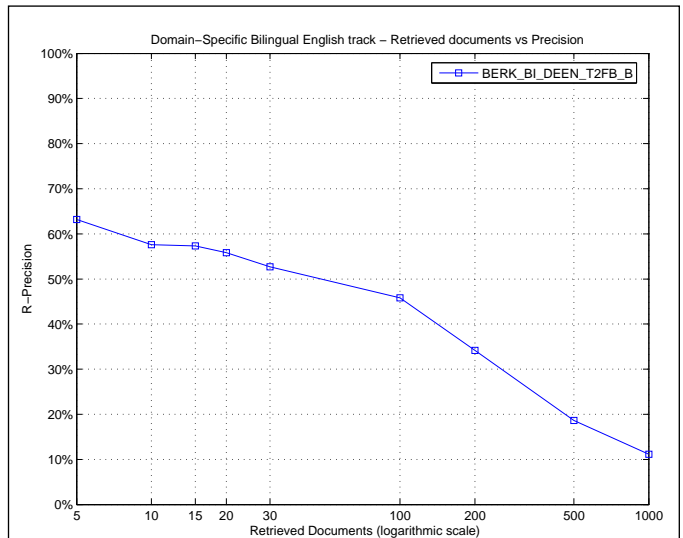


Precision averages (%) for individual queries

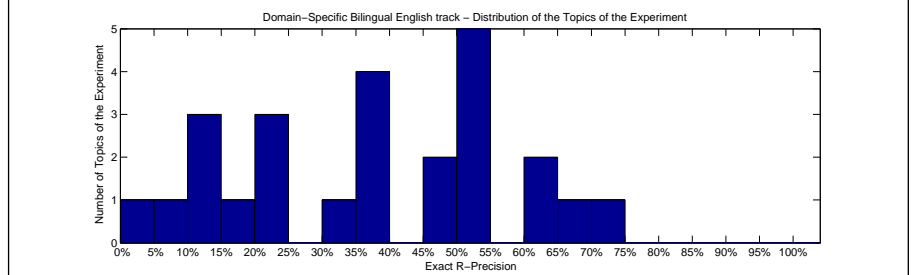
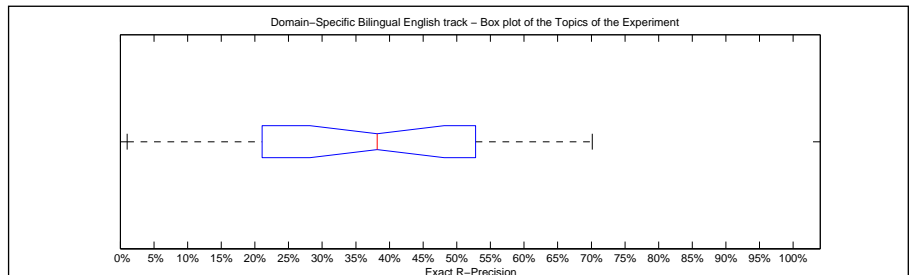
Topic 151	66.01	Topic 164	28.78
Topic 152	29.11	Topic 165	30.54
Topic 153	45.68	Topic 166	48.29
Topic 154	72.75	Topic 167	20.00
Topic 155	2.35	Topic 168	0.68
Topic 156	12.44	Topic 169	16.20
Topic 157	55.46	Topic 170	40.09
Topic 158	3.95	Topic 171	49.19
Topic 159	69.29	Topic 172	23.26
Topic 160	46.89	Topic 173	41.67
Topic 161	28.42	Topic 174	62.53
Topic 162	4.57	Topic 175	11.38
Topic 163	15.81		



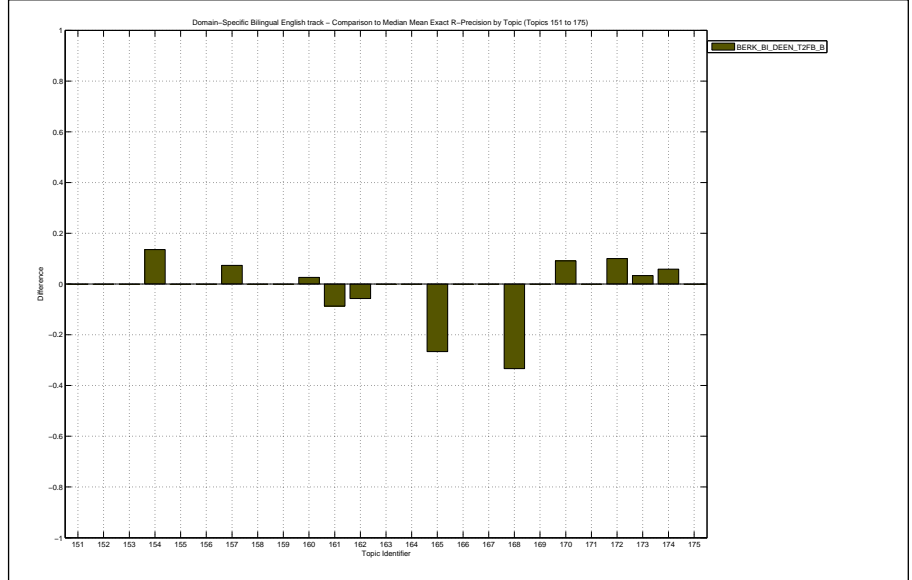
Docs Cutoff Levels	Precision at DCL (%)
5 docs	63.20
10 docs	57.60
15 docs	57.33
20 docs	55.80
30 docs	52.67
100 docs	45.84
200 docs	34.18
500 docs	18.66
1000 docs	11.14
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	37.46



Exact R-Precision	
Maximum	0.7015
Minimum	0.0101
First Quartile	0.2107
Second Quartile	0.3816
Third Quartile	0.5280
Interquartile range	0.3173
Mean	0.3746
Standard Deviation	0.2041
Lower Outlier Threshold	0.0101
Upper Outlier Threshold	0.7015
Mean With No Outliers	0.3746
Std With No Outliers	0.2041



Precision averages (%) for individual queries			
Topic 151	63.53	Topic 164	38.16
Topic 152	39.88	Topic 165	36.67
Topic 153	46.71	Topic 166	51.17
Topic 154	69.07	Topic 167	21.74
Topic 155	7.89	Topic 168	1.01
Topic 156	22.64	Topic 169	19.05
Topic 157	52.63	Topic 170	50.00
Topic 158	11.61	Topic 171	54.95
Topic 159	70.15	Topic 172	32.50
Topic 160	47.92	Topic 173	53.31
Topic 161	35.96	Topic 174	63.16
Topic 162	10.86	Topic 175	11.32
Topic 163	24.65		





Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	4,239
Relevant retrieved	2,636
Geometric Mean Average Precision	0.1826
Binary Preference (BPREF)	0.3577

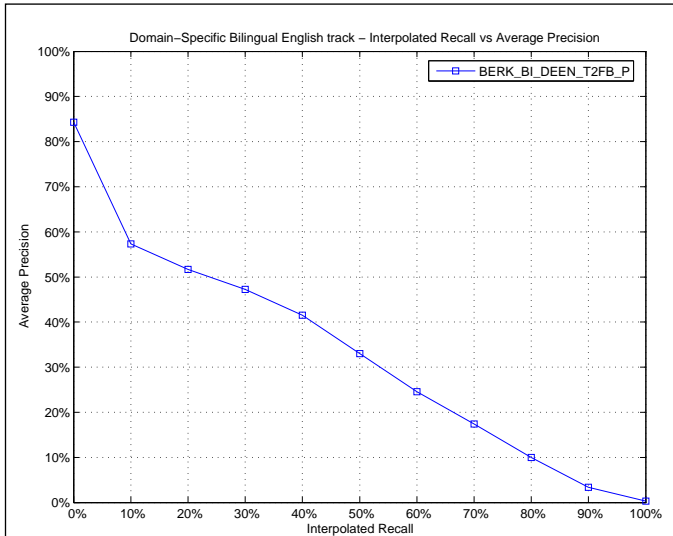
Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

German to English translation using PROMT

Interploated Recall (%)	Precision Averages (%)
0	84.27
10	57.31
20	51.66
30	47.24
40	41.54
50	32.98
60	24.54
70	17.44
80	9.95
90	3.39
100	0.33

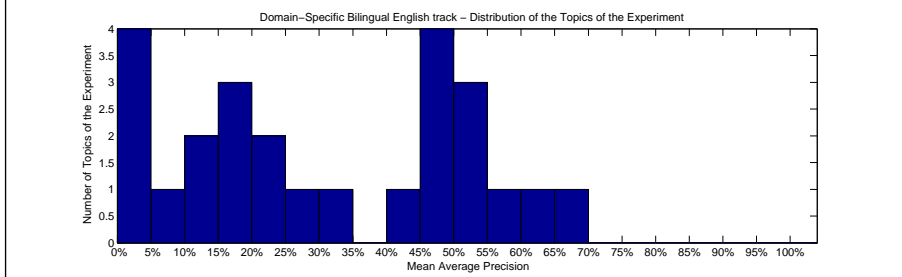
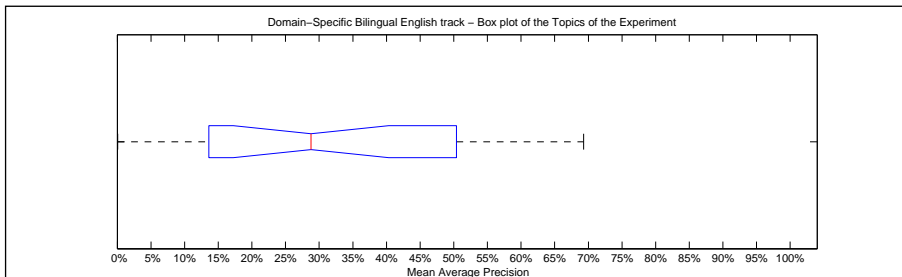
Average precision (non-interpolated) for all relevant documents (averaged over queries)

31.76



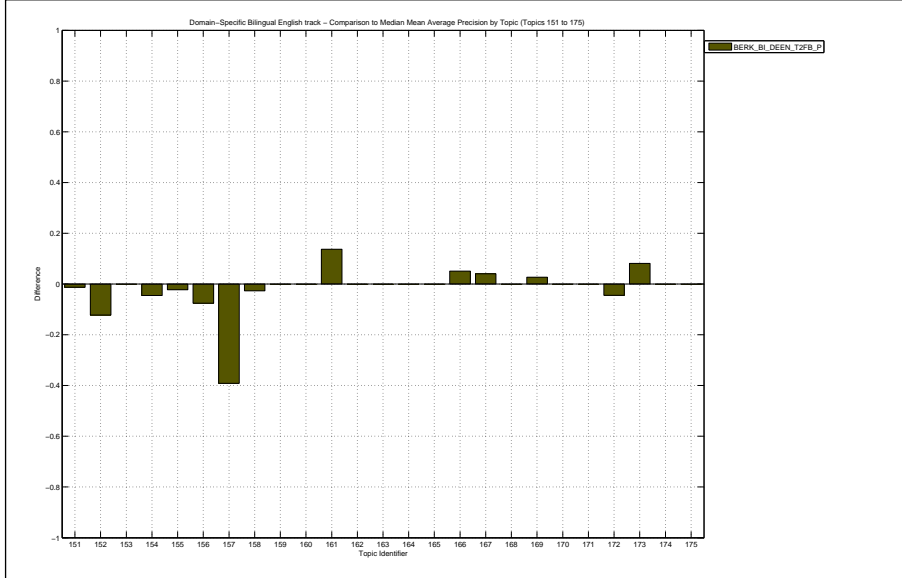
Mean Average Precision

Maximum	0.6929
Minimum	0.0006
First Quartile	0.1362
Second Quartile	0.2878
Third Quartile	0.5039
Interquartile range	0.3678
Mean	0.3176
Standard Deviation	0.2170
Lower Outlier Threshold	0.0006
Upper Outlier Threshold	0.6929
Mean With No Outliers	0.3176
Std With No Outliers	0.2170

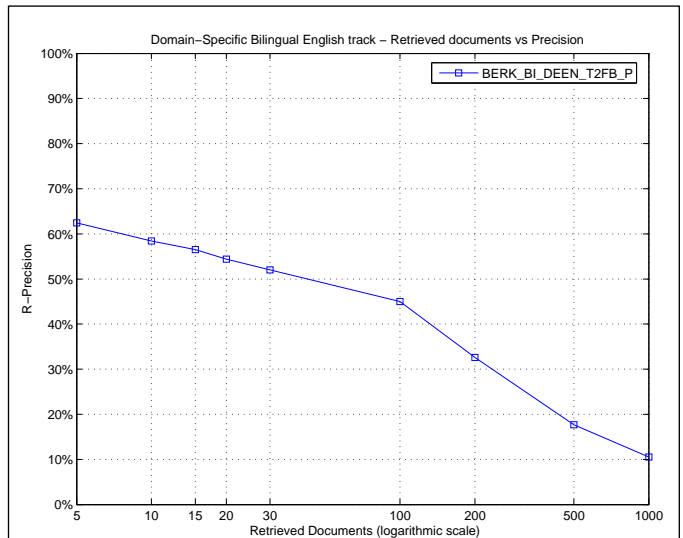


Precision averages (%) for individual queries

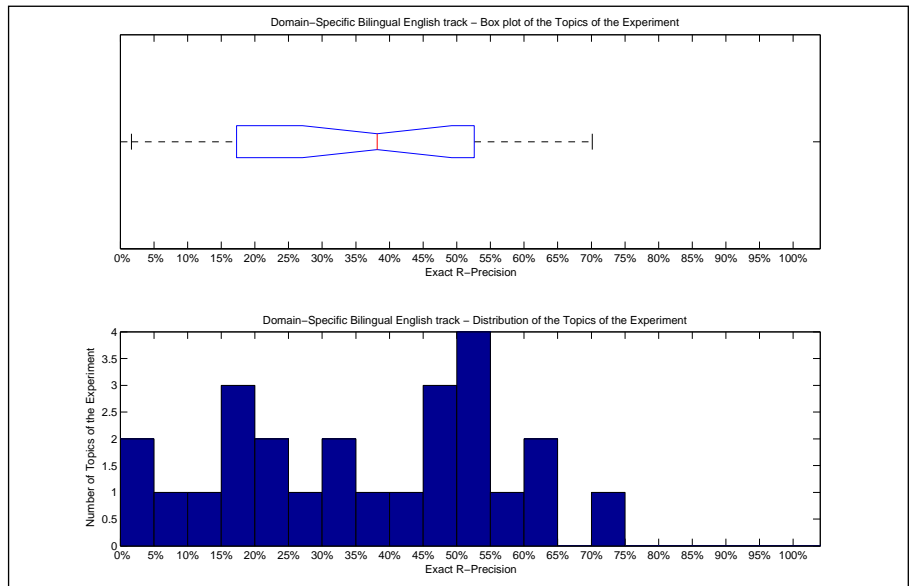
Topic 151	64.77	Topic 164	28.78
Topic 152	16.87	Topic 165	58.88
Topic 153	45.68	Topic 166	53.40
Topic 154	52.25	Topic 167	24.02
Topic 155	0.06	Topic 168	23.28
Topic 156	4.89	Topic 169	19.51
Topic 157	2.41	Topic 170	34.49
Topic 158	1.26	Topic 171	49.19
Topic 159	69.29	Topic 172	17.62
Topic 160	41.64	Topic 173	49.77
Topic 161	47.39	Topic 174	54.39
Topic 162	8.48	Topic 175	11.38
Topic 163	14.36		



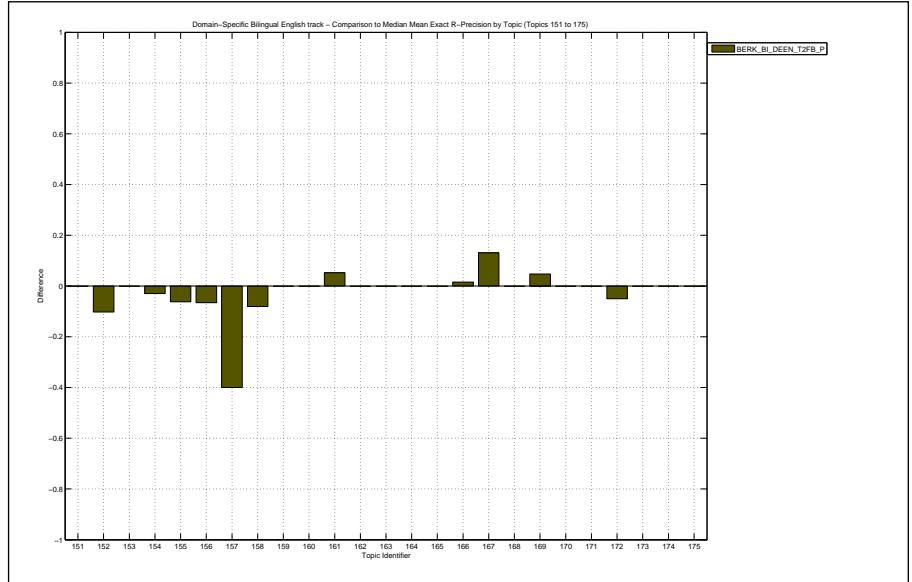
Docs Cutoff Levels	Precision at DCL (%)
5 docs	62.40
10 docs	58.40
15 docs	56.53
20 docs	54.40
30 docs	52.00
100 docs	44.96
200 docs	32.62
500 docs	17.70
1000 docs	10.54
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	36.19



Exact R-Precision	
Maximum	0.7015
Minimum	0.0164
First Quartile	0.1728
Second Quartile	0.3816
Third Quartile	0.5259
Interquartile range	0.3531
Mean	0.3619
Standard Deviation	0.2029
Lower Outlier Threshold	0.0164
Upper Outlier Threshold	0.7015
Mean With No Outliers	0.3619
Std With No Outliers	0.2029



Precision averages (%) for individual queries			
Topic 151	63.53	Topic 164	38.16
Topic 152	29.62	Topic 165	63.33
Topic 153	46.71	Topic 166	52.73
Topic 154	52.54	Topic 167	34.78
Topic 155	1.64	Topic 168	34.34
Topic 156	16.04	Topic 169	23.81
Topic 157	5.26	Topic 170	40.91
Topic 158	3.57	Topic 171	54.95
Topic 159	70.15	Topic 172	17.50
Topic 160	45.28	Topic 173	50.00
Topic 161	49.87	Topic 174	57.31
Topic 162	16.61	Topic 175	11.32
Topic 163	24.65		

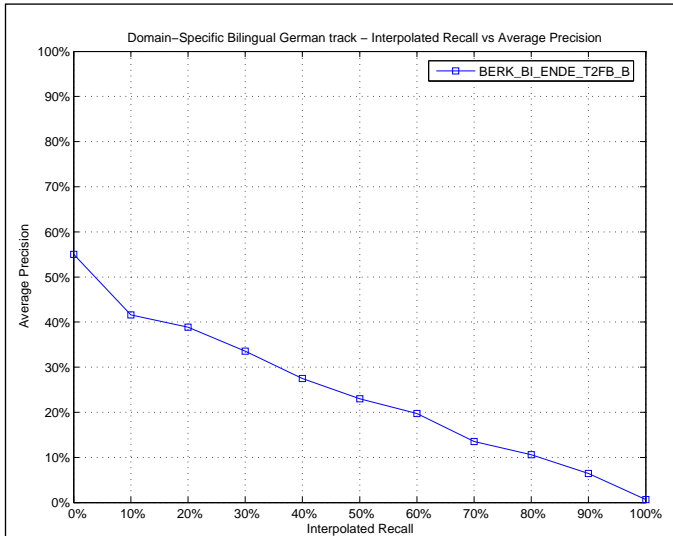


Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	1,994
Geometric Mean Average Precision	0.0479
Binary Preference (BPREF)	0.2915

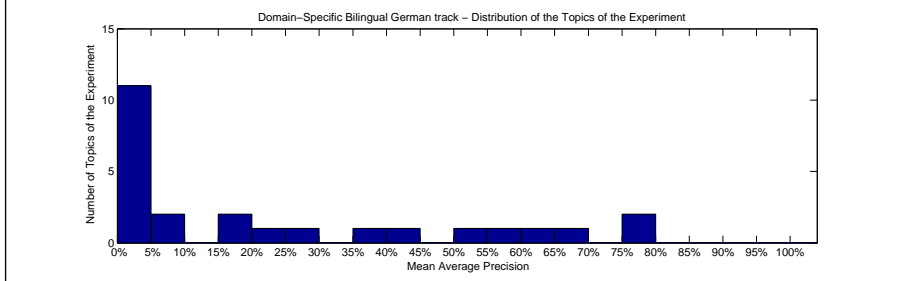
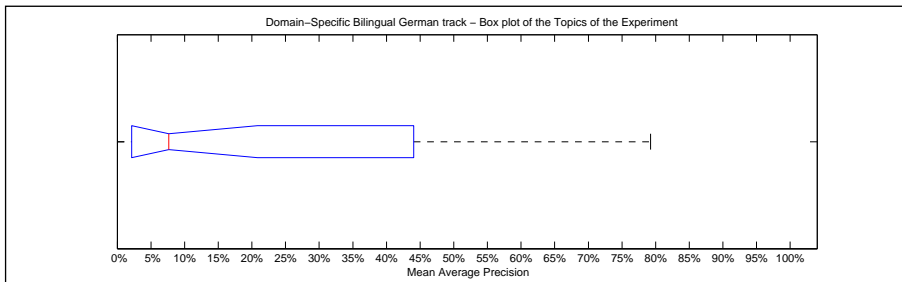
Priority	1
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
English to German using Babelfish	

Interploated Recall (%)	Precision Averages (%)
0	54.98
10	41.59
20	38.87
30	33.56
40	27.51
50	22.98
60	19.74
70	13.51
80	10.61
90	6.42
100	0.64
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	23.66



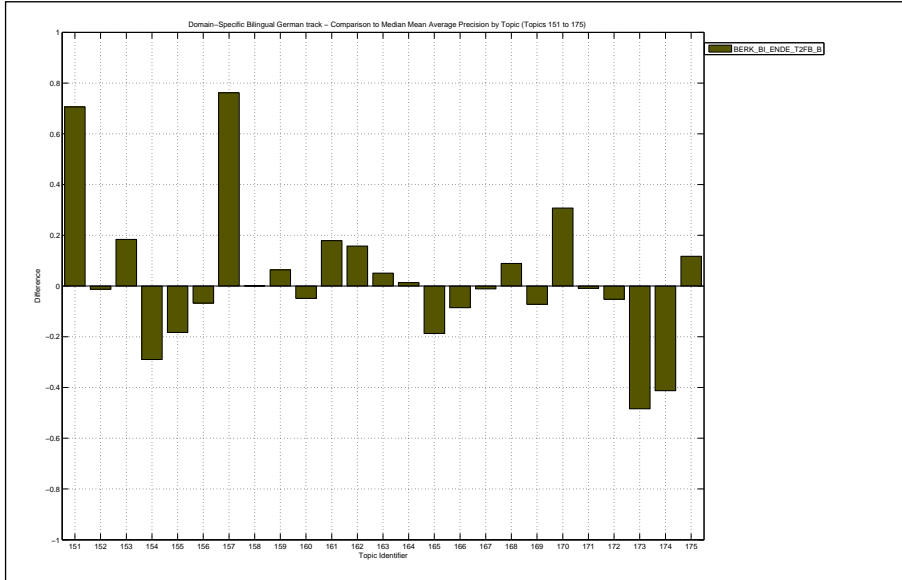
Mean Average Precision

Maximum	0.7927
Minimum	0.0000
First Quartile	0.0215
Second Quartile	0.0767
Third Quartile	0.4403
Interquartile range	0.4188
Mean	0.2366
Standard Deviation	0.2716
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.7927
Mean With No Outliers	0.2366
Std With No Outliers	0.2716

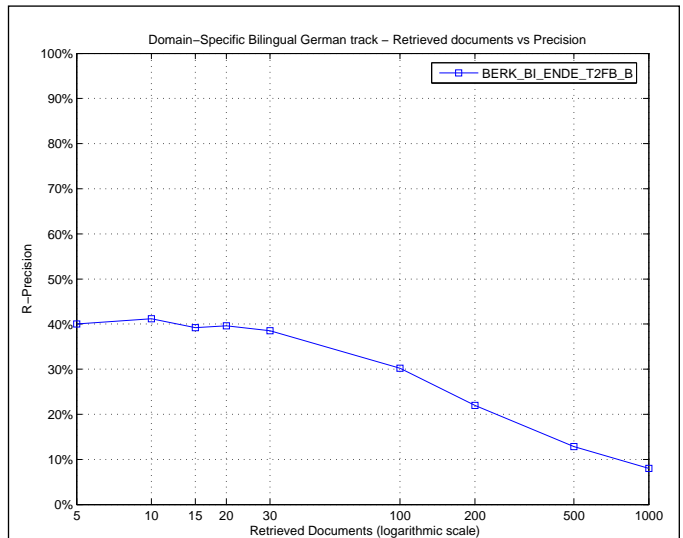


Precision averages (%) for individual queries

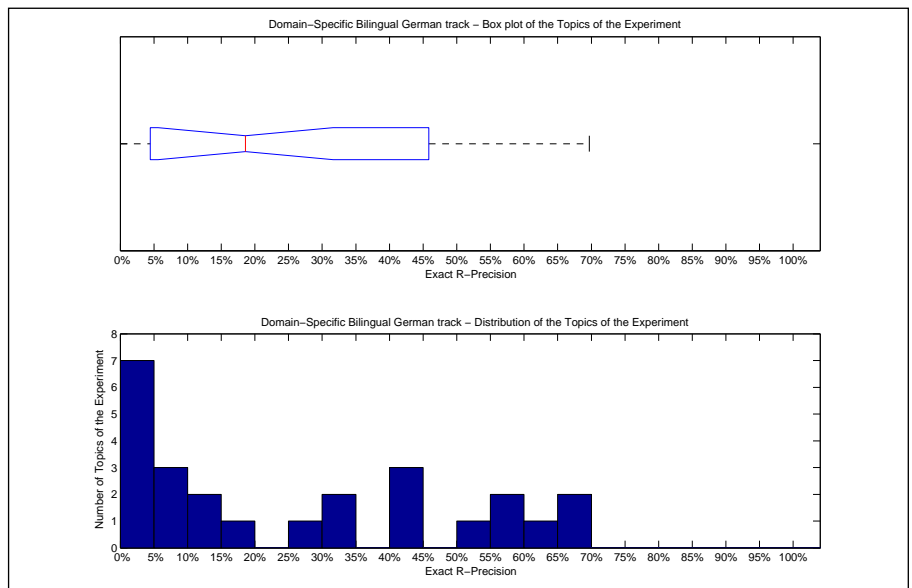
Topic 151	78.41	Topic 164	4.75
Topic 152	0.10	Topic 165	1.97
Topic 153	53.16	Topic 166	36.02
Topic 154	7.67	Topic 167	2.41
Topic 155	0.18	Topic 168	40.99
Topic 156	0.00	Topic 169	4.55
Topic 157	79.27	Topic 170	56.63
Topic 158	2.40	Topic 171	19.05
Topic 159	66.62	Topic 172	2.21
Topic 160	0.04	Topic 173	0.27
Topic 161	60.59	Topic 174	5.64
Topic 162	29.02	Topic 175	19.23
Topic 163	20.26		



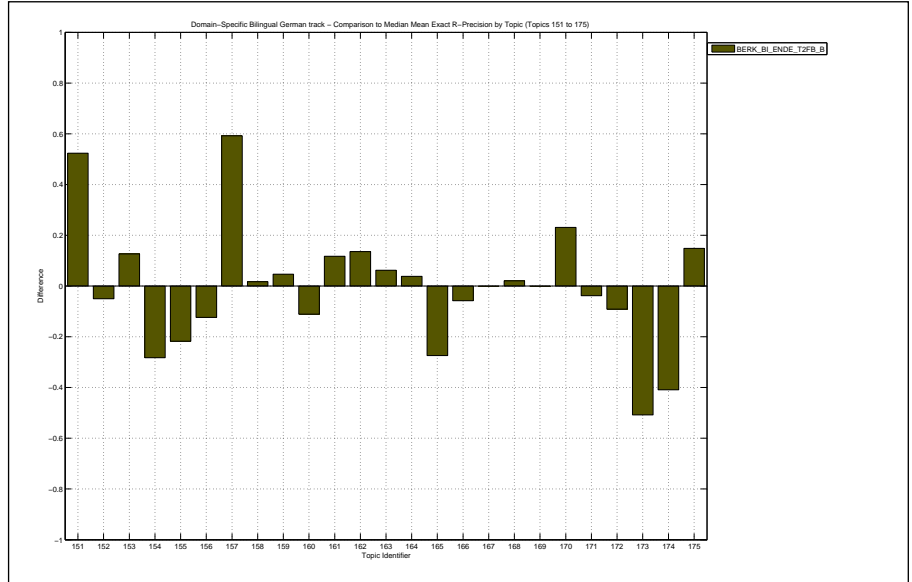
Docs Cutoff Levels	Precision at DCL (%)
5 docs	40.00
10 docs	41.20
15 docs	39.20
20 docs	39.60
30 docs	38.53
100 docs	30.24
200 docs	21.96
500 docs	12.85
1000 docs	7.98
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	26.63



Exact R-Precision	
Maximum	0.6969
Minimum	0.0000
First Quartile	0.0444
Second Quartile	0.1861
Third Quartile	0.4583
Interquartile range	0.4139
Mean	0.2663
Standard Deviation	0.2432
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6969
Mean With No Outliers	0.2663
Std With No Outliers	0.2432



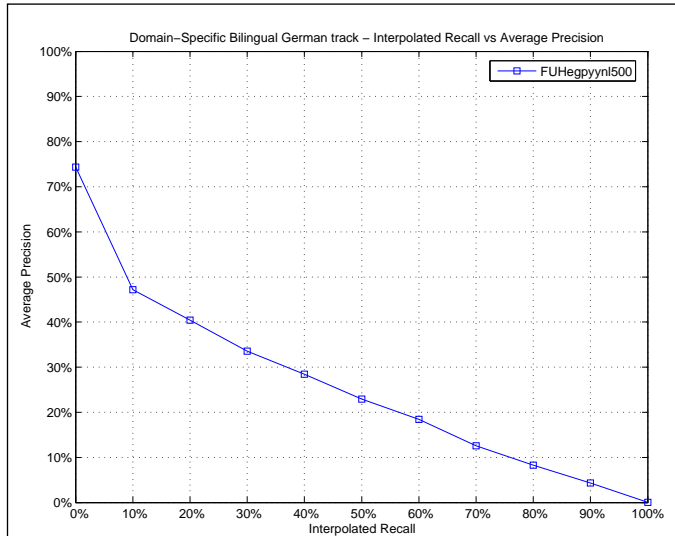
Precision averages (%) for individual queries			
Topic 151	69.69	Topic 164	7.69
Topic 152	1.92	Topic 165	4.11
Topic 153	50.67	Topic 166	43.28
Topic 154	18.61	Topic 167	6.67
Topic 155	1.04	Topic 168	44.22
Topic 156	0.00	Topic 169	9.09
Topic 157	69.23	Topic 170	58.97
Topic 158	11.24	Topic 171	27.27
Topic 159	61.11	Topic 172	4.55
Topic 160	0.00	Topic 173	1.59
Topic 161	58.54	Topic 174	12.50
Topic 162	40.52	Topic 175	31.25
Topic 163	31.91		



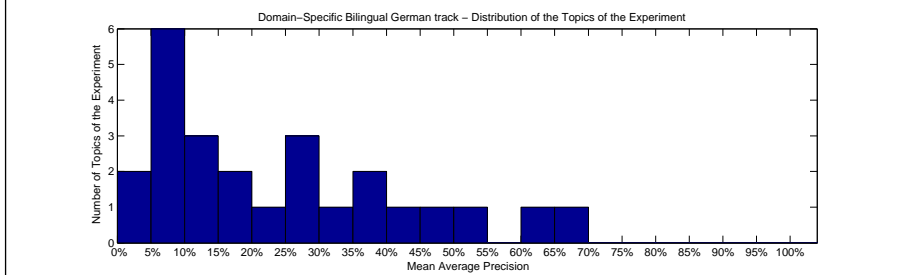
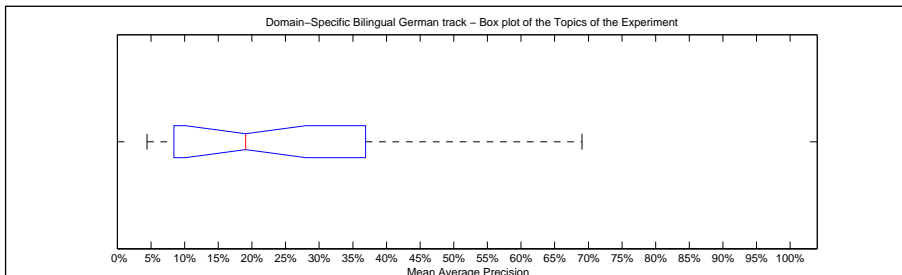
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,569
Geometric Mean Average Precision	0.1807
Binary Preference (BPREF)	0.2910

Priority	1
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true
First run, EN	

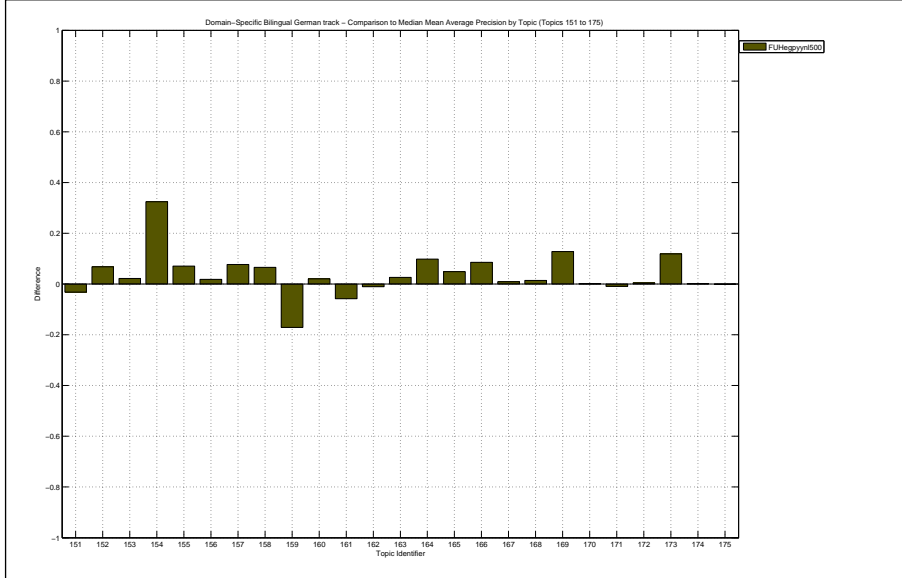
Interploated Recall (%)	Precision Averages (%)
0	74.37
10	47.16
20	40.42
30	33.57
40	28.47
50	22.95
60	18.44
70	12.56
80	8.25
90	4.32
100	0.07
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	24.48



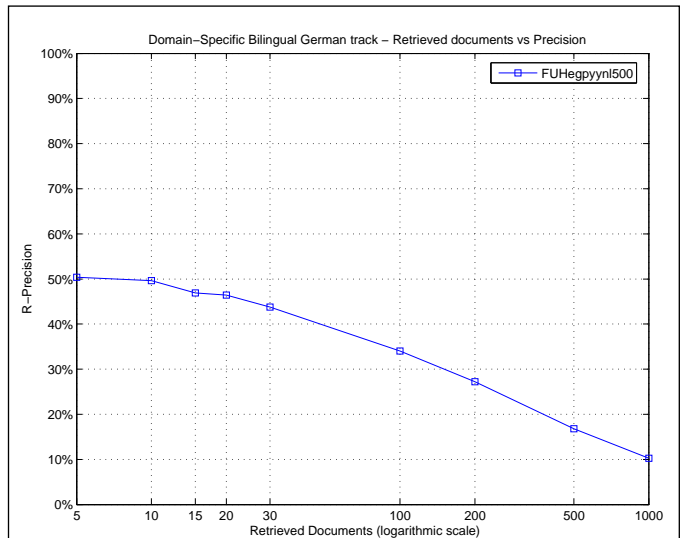
Mean Average Precision	
Maximum	0.6908
Minimum	0.0443
First Quartile	0.0842
Second Quartile	0.1907
Third Quartile	0.3691
Interquartile range	0.2849
Mean	0.2448
Standard Deviation	0.1863
Lower Outlier Threshold	0.0443
Upper Outlier Threshold	0.6908
Mean With No Outliers	0.2448
Std With No Outliers	0.1863



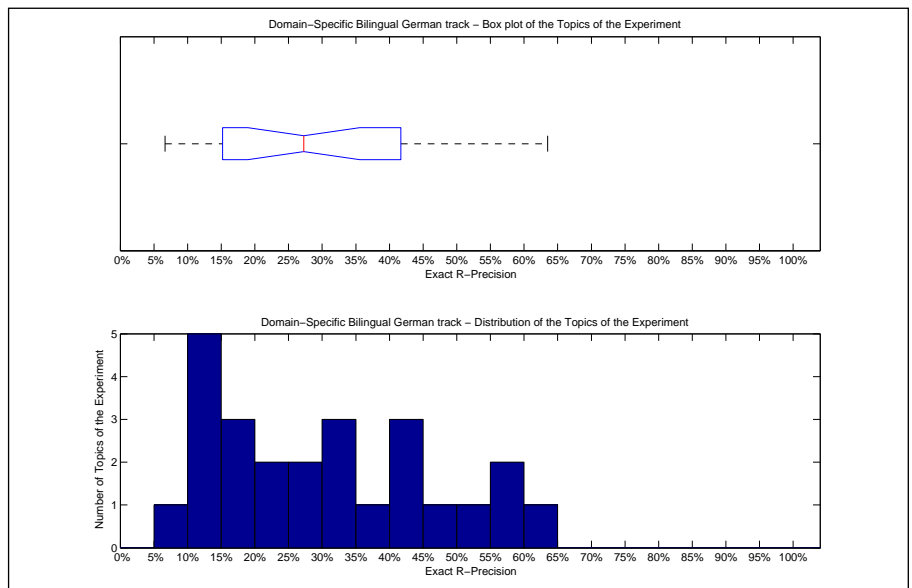
Precision averages (%) for individual queries			
Topic 151	4.67	Topic 164	13.20
Topic 152	8.13	Topic 165	25.53
Topic 153	37.00	Topic 166	53.08
Topic 154	69.08	Topic 167	4.43
Topic 155	25.51	Topic 168	33.46
Topic 156	8.52	Topic 169	24.47
Topic 157	10.87	Topic 170	26.08
Topic 158	8.91	Topic 171	19.07
Topic 159	43.19	Topic 172	7.82
Topic 160	6.95	Topic 173	60.57
Topic 161	36.88	Topic 174	47.02
Topic 162	12.26	Topic 175	7.45
Topic 163	17.81		



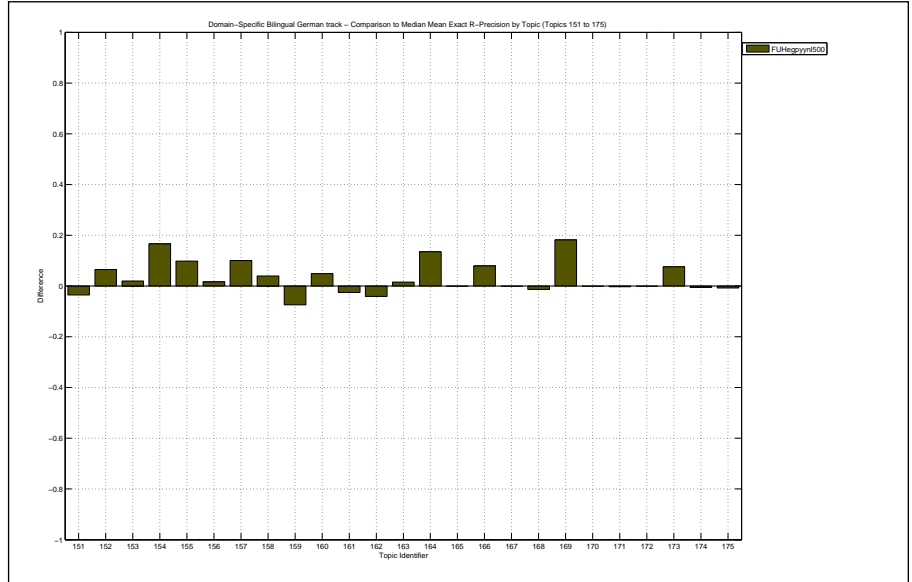
Docs Cutoff Levels	Precision at DCL (%)
5 docs	50.40
10 docs	49.60
15 docs	46.93
20 docs	46.40
30 docs	43.73
100 docs	34.04
200 docs	27.20
500 docs	16.80
1000 docs	10.28
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	30.38



Exact R-Precision	
Maximum	0.6350
Minimum	0.0667
First Quartile	0.1521
Second Quartile	0.2727
Third Quartile	0.4169
Interquartile range	0.2647
Mean	0.3038
Standard Deviation	0.1671
Lower Outlier Threshold	0.0667
Upper Outlier Threshold	0.6350
Mean With No Outliers	0.3038
Std With No Outliers	0.1671



Precision averages (%) for individual queries			
Topic 151	13.78	Topic 164	17.31
Topic 152	13.46	Topic 165	31.51
Topic 153	40.00	Topic 166	56.99
Topic 154	63.50	Topic 167	6.67
Topic 155	32.64	Topic 168	40.82
Topic 156	13.98	Topic 169	27.27
Topic 157	20.00	Topic 170	35.90
Topic 158	13.48	Topic 171	30.81
Topic 159	49.07	Topic 172	13.64
Topic 160	15.97	Topic 173	59.92
Topic 161	44.30	Topic 174	52.84
Topic 162	22.84	Topic 175	15.62
Topic 163	27.24		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,422
Geometric Mean Average Precision	0.1226
Binary Preference (BPREF)	0.2720

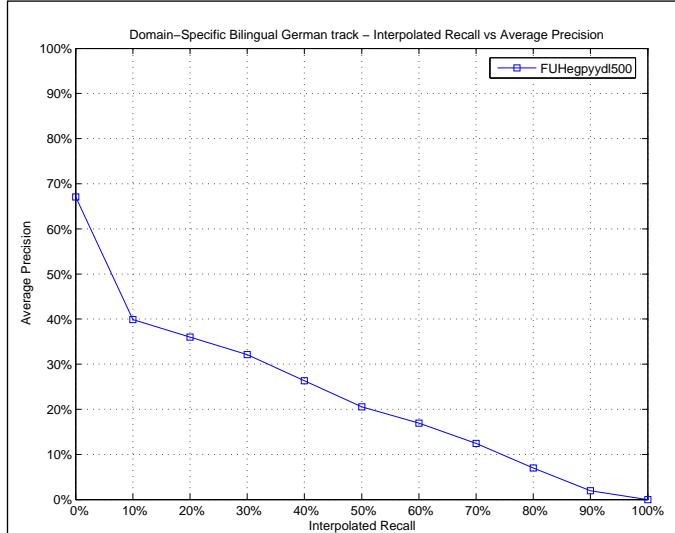
Priority	2
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true

Second run, EN

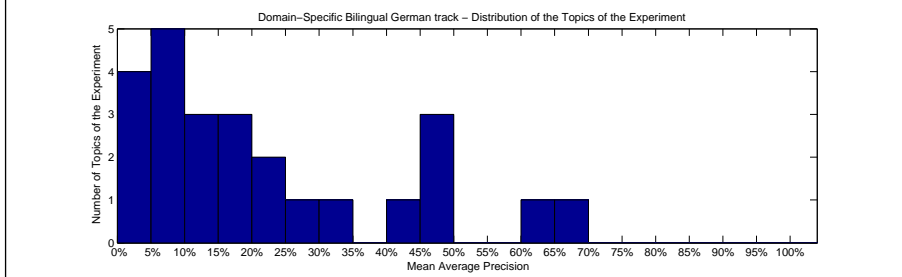
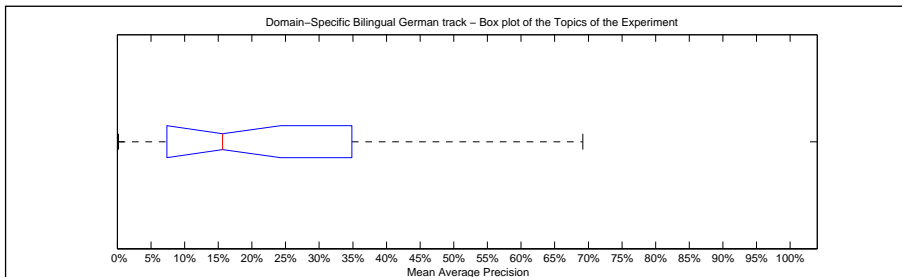
Interploated Recall (%)	Precision Averages (%)
0	67.04
10	39.89
20	35.99
30	32.09
40	26.30
50	20.56
60	16.90
70	12.45
80	6.95
90	1.91
100	0.00

Average precision (non-interpolated) for all relevant documents (averaged over queries)

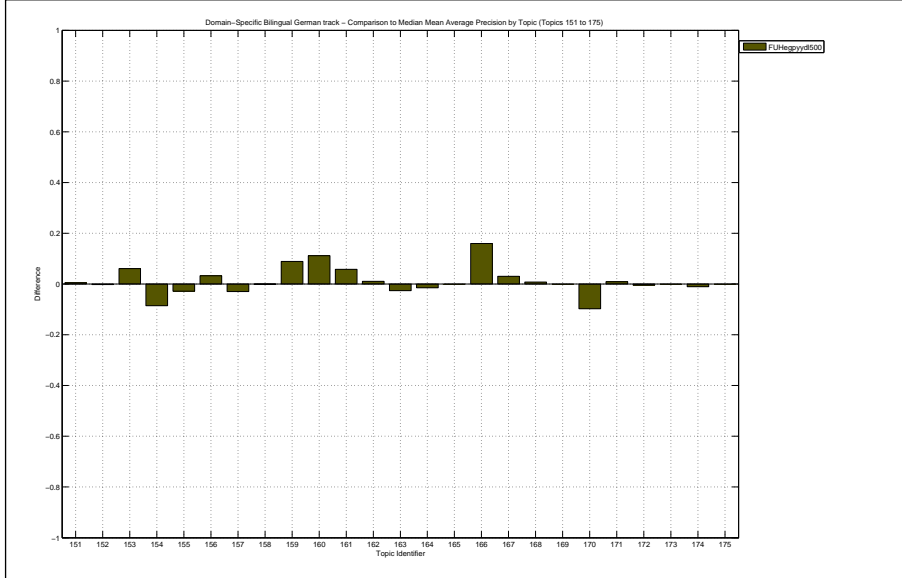
21.90



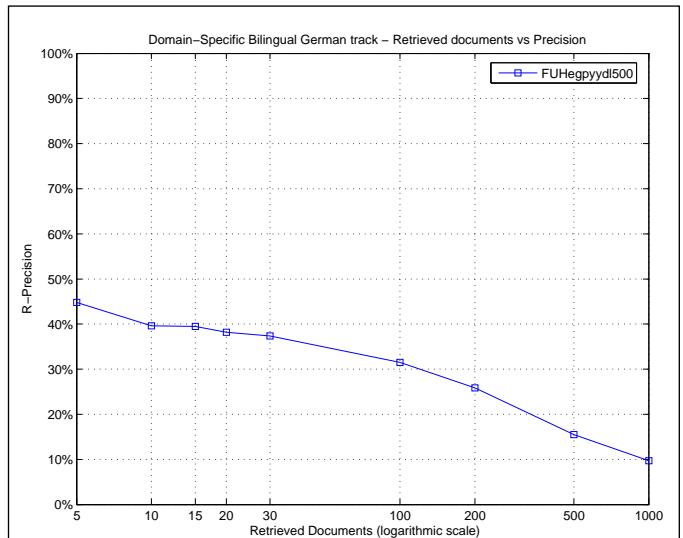
Mean Average Precision	
Maximum	0.6919
Minimum	0.0019
First Quartile	0.0737
Second Quartile	0.1565
Third Quartile	0.3487
Interquartile range	0.2751
Mean	0.2190
Standard Deviation	0.1966
Lower Outlier Threshold	0.0019
Upper Outlier Threshold	0.6919
Mean With No Outliers	0.2190
Std With No Outliers	0.1966



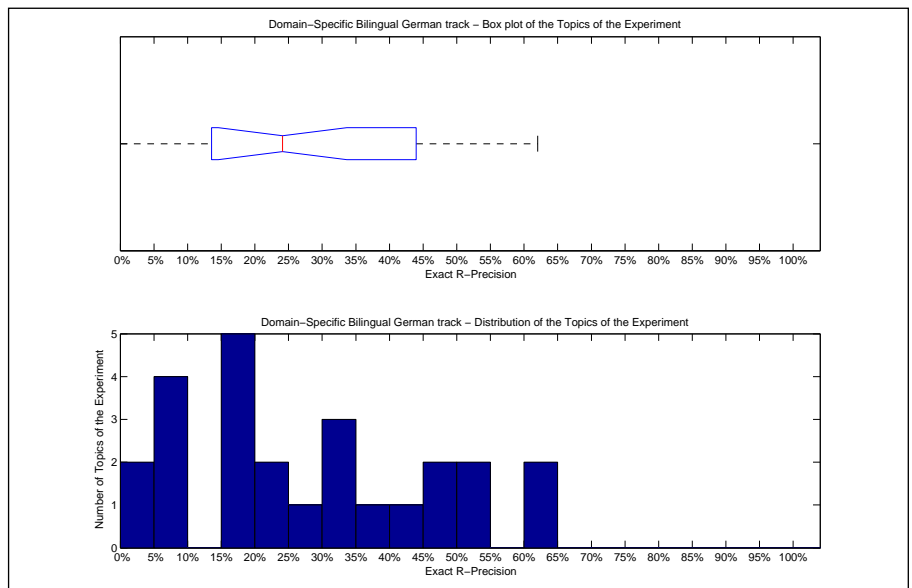
Precision averages (%) for individual queries			
Topic 151	8.36	Topic 164	1.95
Topic 152	1.11	Topic 165	20.68
Topic 153	40.89	Topic 166	60.51
Topic 154	28.12	Topic 167	6.57
Topic 155	15.65	Topic 168	32.87
Topic 156	9.97	Topic 169	11.72
Topic 157	0.19	Topic 170	16.17
Topic 158	2.24	Topic 171	20.91
Topic 159	69.19	Topic 172	7.01
Topic 160	16.05	Topic 173	48.68
Topic 161	48.50	Topic 174	45.81
Topic 162	14.35	Topic 175	7.48
Topic 163	12.52		



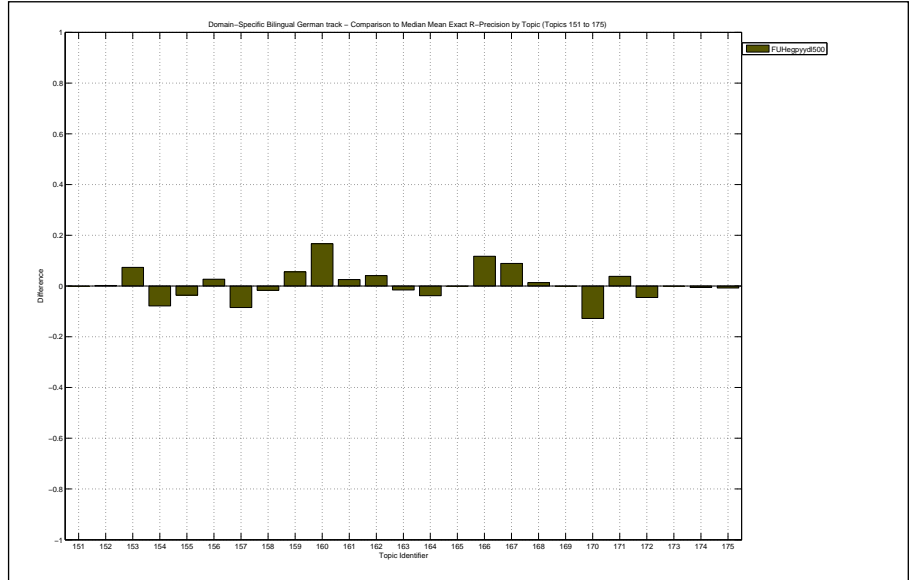
Docs Cutoff Levels	Precision at DCL (%)
5 docs	44.80
10 docs	39.60
15 docs	39.47
20 docs	38.20
30 docs	37.33
100 docs	31.48
200 docs	25.86
500 docs	15.51
1000 docs	9.69
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	27.81



Exact R-Precision	
Maximum	0.6204
Minimum	0.0000
First Quartile	0.1356
Second Quartile	0.2412
Third Quartile	0.4399
Interquartile range	0.3042
Mean	0.2781
Standard Deviation	0.1868
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6204
Mean With No Outliers	0.2781
Std With No Outliers	0.1868



Precision averages (%) for individual queries			
Topic 151	17.32	Topic 164	0.00
Topic 152	7.21	Topic 165	31.51
Topic 153	45.33	Topic 166	60.75
Topic 154	39.05	Topic 167	15.56
Topic 155	19.17	Topic 168	43.54
Topic 156	15.05	Topic 169	9.09
Topic 157	1.54	Topic 170	23.08
Topic 158	7.87	Topic 171	34.85
Topic 159	62.04	Topic 172	9.09
Topic 160	27.78	Topic 173	52.38
Topic 161	49.37	Topic 174	52.84
Topic 162	31.03	Topic 175	15.62
Topic 163	24.12		





Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,134
Geometric Mean Average Precision	0.1176
Binary Preference (BPREF)	0.2533

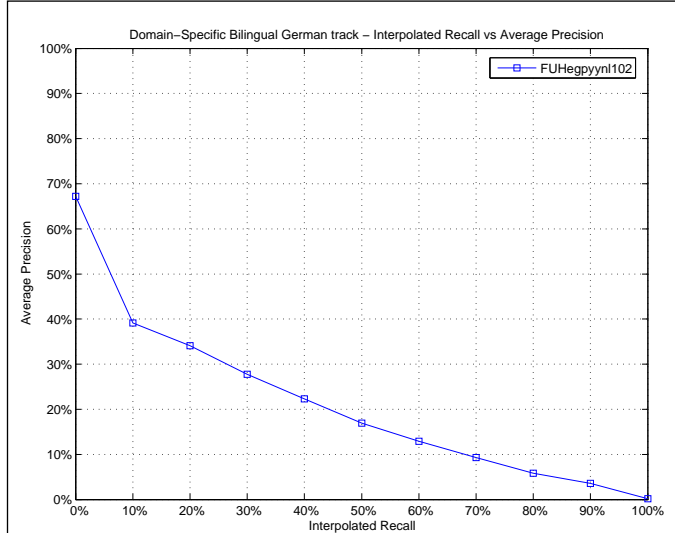
Priority	3
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true

Third run, EN

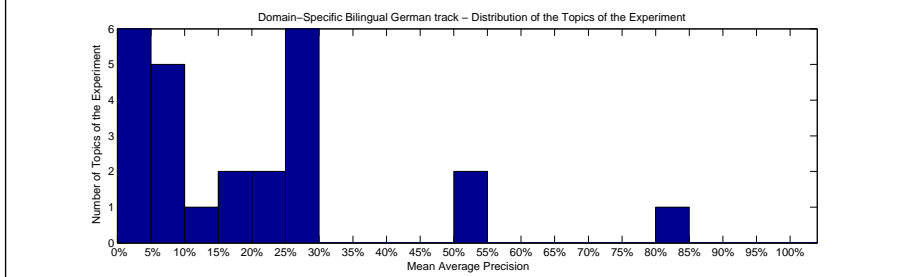
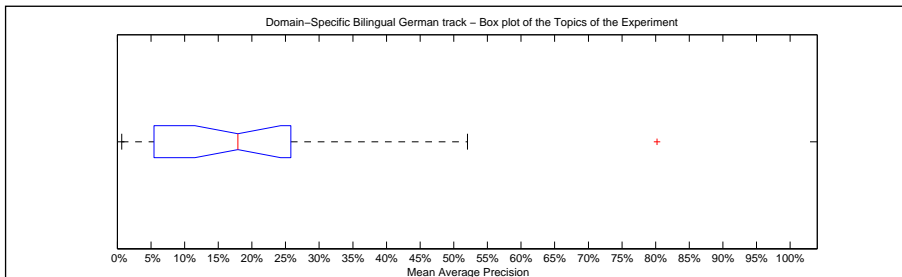
Interploated Recall (%)	Precision Averages (%)
0	67.18
10	39.14
20	34.09
30	27.77
40	22.30
50	16.92
60	12.92
70	9.30
80	5.82
90	3.59
100	0.16

Average precision (non-interpolated) for all relevant documents (averaged over queries)

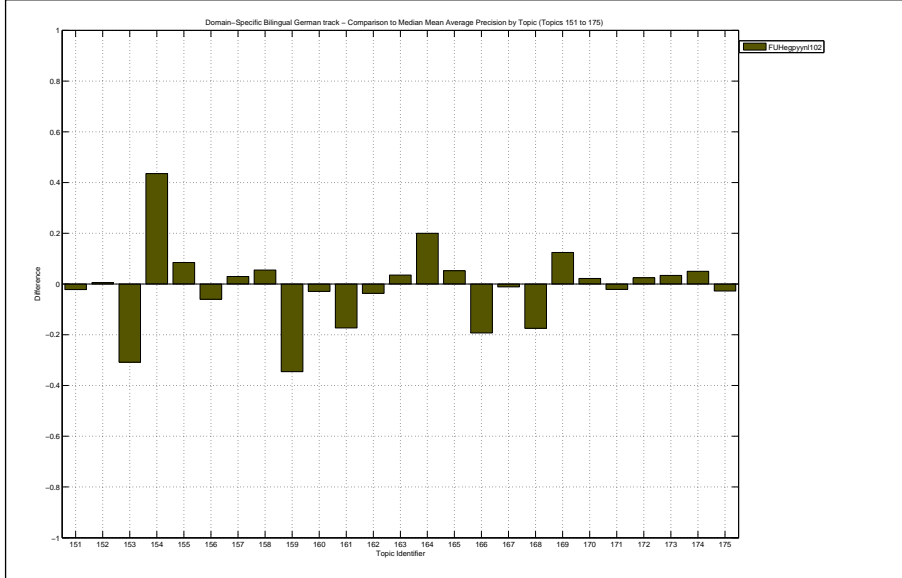
19.80



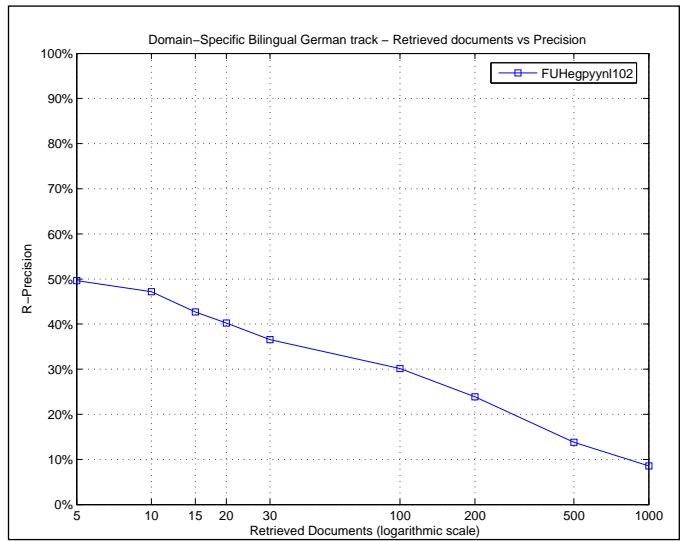
Mean Average Precision	
Maximum	0.8019
Minimum	0.0067
First Quartile	0.0544
Second Quartile	0.1790
Third Quartile	0.2578
Interquartile range	0.2034
Mean	0.1980
Standard Deviation	0.1887
Lower Outlier Threshold	0.0067
Upper Outlier Threshold	0.5205
Mean With No Outliers	0.1729
Std With No Outliers	0.1437



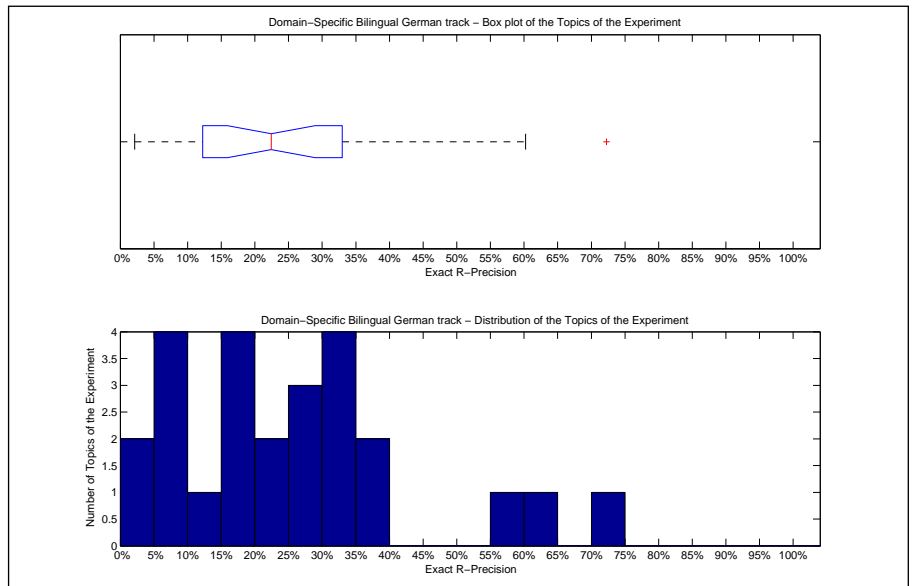
Precision averages (%) for individual queries			
Topic 151	5.67	Topic 164	23.38
Topic 152	1.89	Topic 165	25.94
Topic 153	3.97	Topic 166	25.25
Topic 154	80.19	Topic 167	2.43
Topic 155	26.94	Topic 168	14.61
Topic 156	0.67	Topic 169	24.17
Topic 157	6.07	Topic 170	28.12
Topic 158	7.83	Topic 171	17.90
Topic 159	25.72	Topic 172	9.86
Topic 160	2.01	Topic 173	52.05
Topic 161	25.36	Topic 174	51.90
Topic 162	9.66	Topic 175	4.76
Topic 163	18.72		



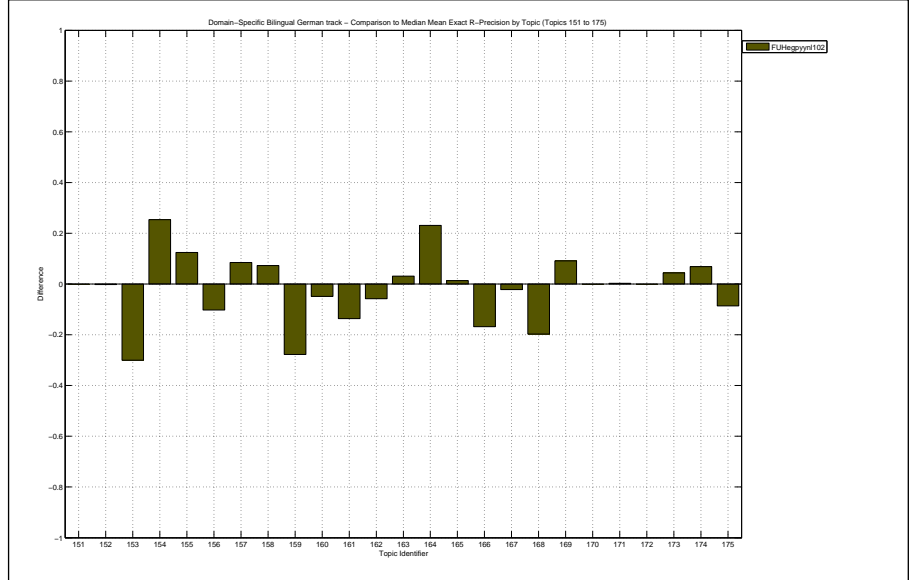
Docs Cutoff Levels	Precision at DCL (%)
5 docs	49.60
10 docs	47.20
15 docs	42.67
20 docs	40.20
30 docs	36.53
100 docs	30.16
200 docs	23.86
500 docs	13.78
1000 docs	8.54
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	25.52



Exact R-Precision	
Maximum	0.7226
Minimum	0.0215
First Quartile	0.1223
Second Quartile	0.2245
Third Quartile	0.3296
Interquartile range	0.2074
Mean	0.2552
Standard Deviation	0.1772
Lower Outlier Threshold	0.0215
Upper Outlier Threshold	0.6023
Mean With No Outliers	0.2357
Std With No Outliers	0.1512



Precision averages (%) for individual queries			
Topic 151	17.32	Topic 164	26.92
Topic 152	6.73	Topic 165	32.88
Topic 153	8.00	Topic 166	32.26
Topic 154	72.26	Topic 167	4.44
Topic 155	35.23	Topic 168	22.45
Topic 156	2.15	Topic 169	18.18
Topic 157	18.46	Topic 170	35.90
Topic 158	16.85	Topic 171	31.31
Topic 159	28.70	Topic 172	13.64
Topic 160	6.25	Topic 173	56.75
Topic 161	33.23	Topic 174	60.23
Topic 162	21.12	Topic 175	7.81
Topic 163	28.79		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,120
Geometric Mean Average Precision	0.0897
Binary Preference (BPREF)	0.2350

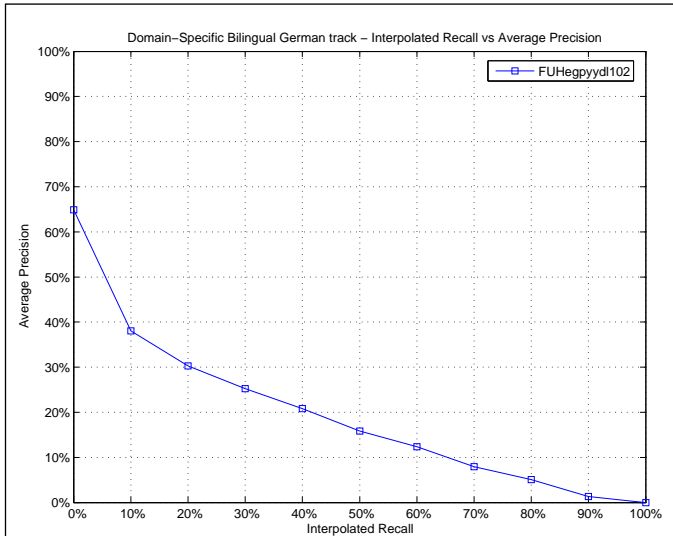
Priority	4
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true

Fourth run, EN

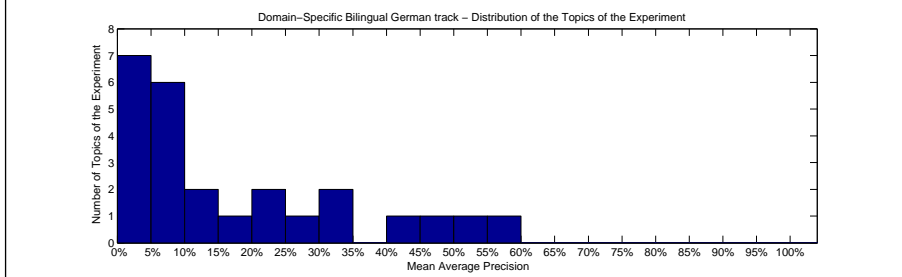
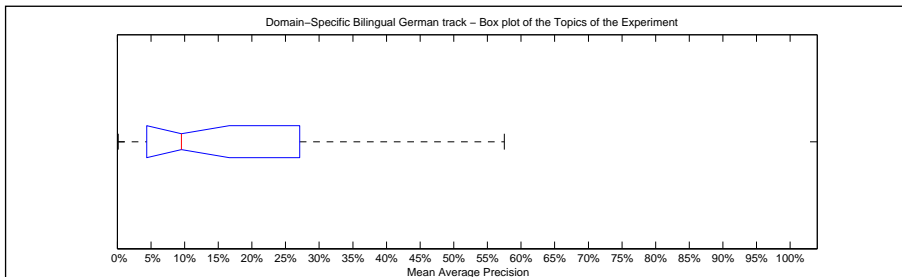
Interploated Recall (%)	Precision Averages (%)
0	64.89
10	38.07
20	30.28
30	25.24
40	20.82
50	15.84
60	12.37
70	7.94
80	5.09
90	1.32
100	0.00

Average precision (non-interpolated) for all relevant documents (averaged over queries)

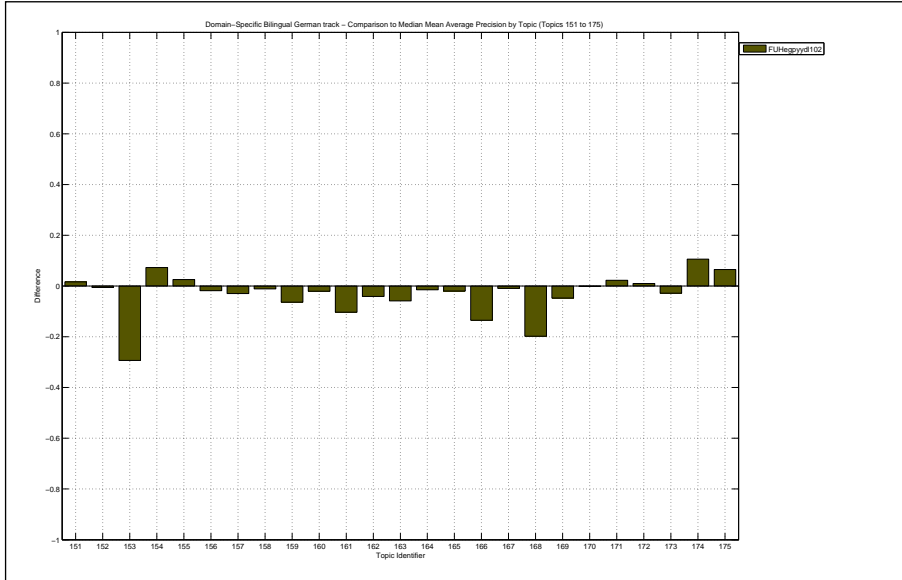
17.68



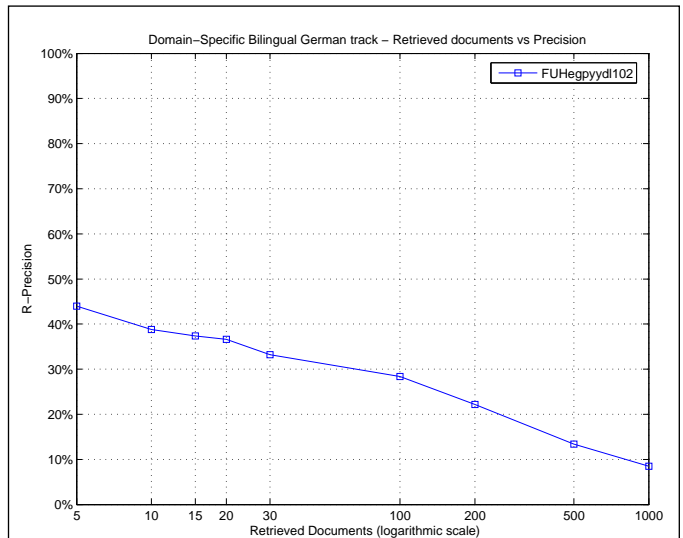
Mean Average Precision	
Maximum	0.5752
Minimum	0.0016
First Quartile	0.0438
Second Quartile	0.0951
Third Quartile	0.2709
Interquartile range	0.2272
Mean	0.1768
Standard Deviation	0.1732
Lower Outlier Threshold	0.0016
Upper Outlier Threshold	0.5752
Mean With No Outliers	0.1768
Std With No Outliers	0.1732



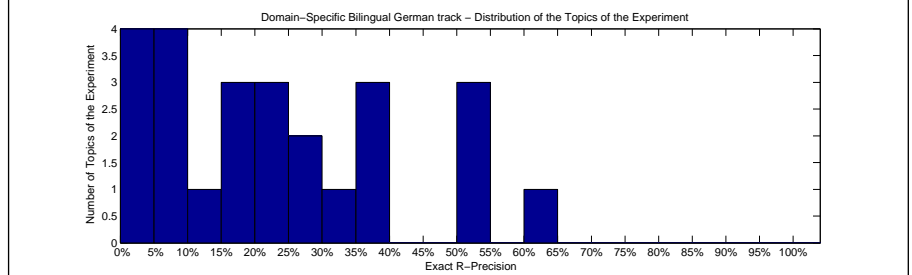
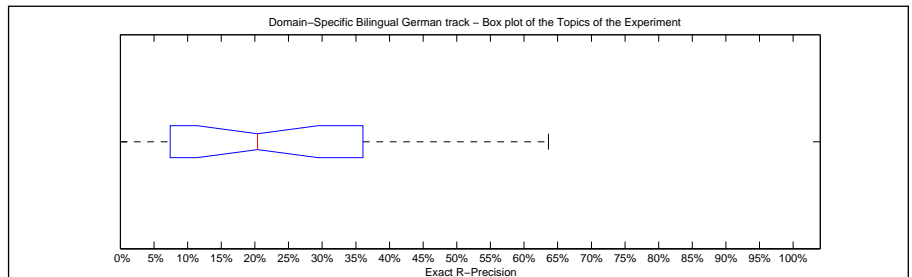
Precision averages (%) for individual queries			
Topic 151	9.51	Topic 164	1.89
Topic 152	0.77	Topic 165	18.68
Topic 153	5.47	Topic 166	31.06
Topic 154	43.94	Topic 167	2.65
Topic 155	21.00	Topic 168	12.33
Topic 156	4.87	Topic 169	6.96
Topic 157	0.16	Topic 170	25.77
Topic 158	1.20	Topic 171	22.22
Topic 159	53.97	Topic 172	8.43
Topic 160	2.89	Topic 173	45.84
Topic 161	32.37	Topic 174	57.52
Topic 162	9.22	Topic 175	13.99
Topic 163	9.28		



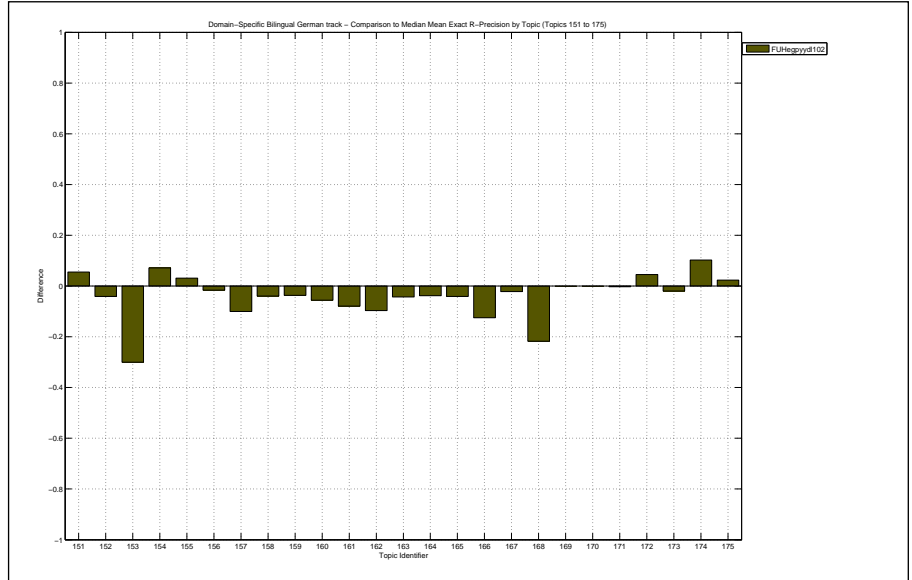
Docs Cutoff Levels	Precision at DCL (%)
5 docs	44.00
10 docs	38.80
15 docs	37.33
20 docs	36.60
30 docs	33.20
100 docs	28.40
200 docs	22.14
500 docs	13.40
1000 docs	8.48
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	23.26



Exact R-Precision	
Maximum	0.6364
Minimum	0.0000
First Quartile	0.0740
Second Quartile	0.2041
Third Quartile	0.3606
Interquartile range	0.2866
Mean	0.2326
Standard Deviation	0.1827
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6364
Mean With No Outliers	0.2326
Std With No Outliers	0.1827



Precision averages (%) for individual queries			
Topic 151	22.83	Topic 164	0.00
Topic 152	2.88	Topic 165	27.40
Topic 153	8.00	Topic 166	36.56
Topic 154	54.01	Topic 167	4.44
Topic 155	25.91	Topic 168	20.41
Topic 156	10.75	Topic 169	9.09
Topic 157	0.00	Topic 170	35.90
Topic 158	5.62	Topic 171	30.81
Topic 159	52.78	Topic 172	18.18
Topic 160	5.56	Topic 173	50.40
Topic 161	38.92	Topic 174	63.64
Topic 162	17.24	Topic 175	18.75
Topic 163	21.40		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	3,759
Relevant retrieved	2,422
Geometric Mean Average Precision	0.1266
Binary Preference (BPREF)	0.2731

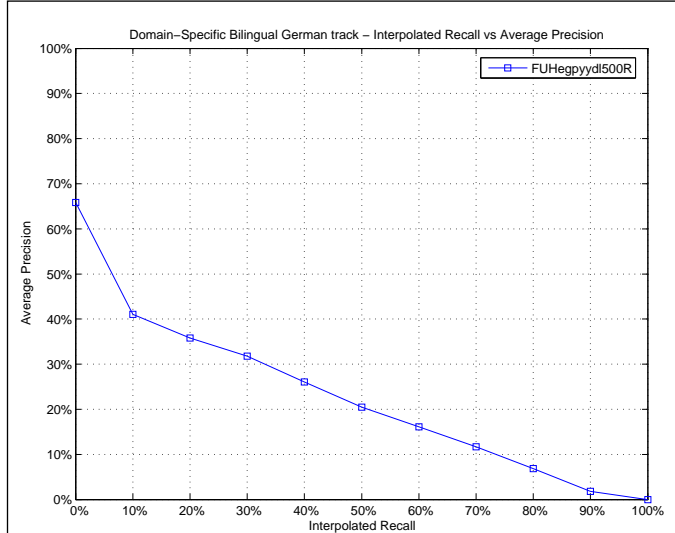
Priority	5
Query Construction	AUTOMATIC
Source Language	English
Topic Fields	title, description
Pooled	true

Fifth run, EN

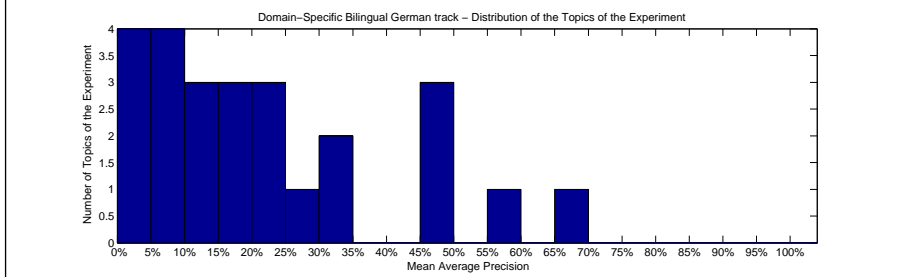
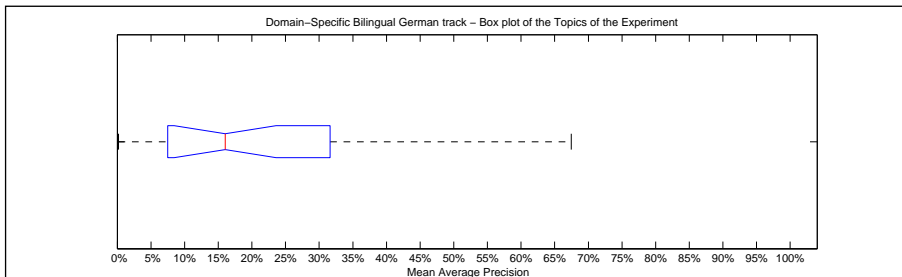
Interploated Recall (%)	Precision Averages (%)
0	65.87
10	41.03
20	35.77
30	31.78
40	26.09
50	20.49
60	16.11
70	11.69
80	6.82
90	1.80
100	0.00

Average precision (non-interpolated) for all relevant documents (averaged over queries)

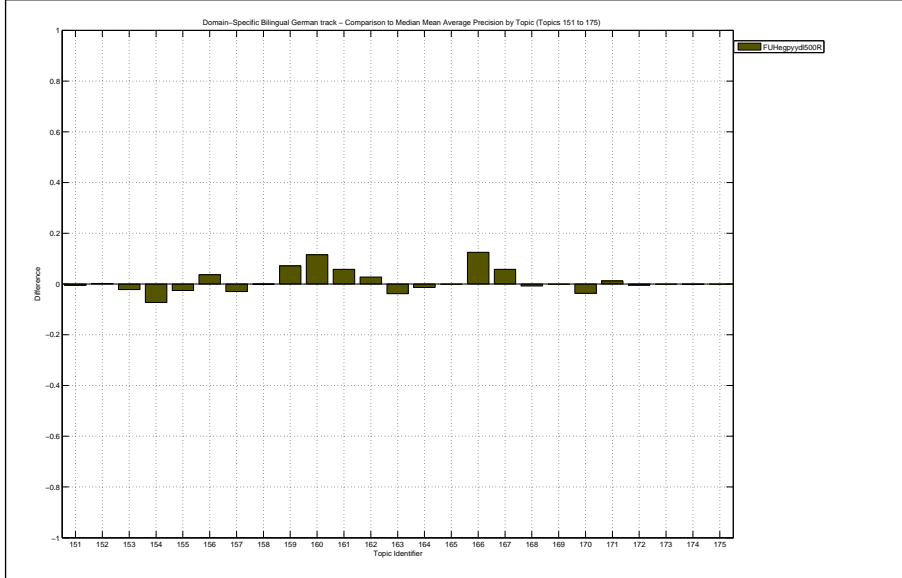
21.80



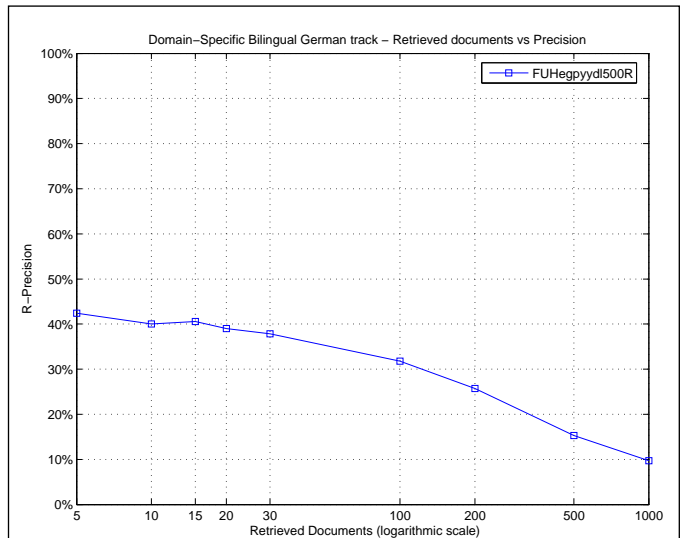
Mean Average Precision	
Maximum	0.6746
Minimum	0.0019
First Quartile	0.0750
Second Quartile	0.1603
Third Quartile	0.3162
Interquartile range	0.2413
Mean	0.2180
Standard Deviation	0.1884
Lower Outlier Threshold	0.0019
Upper Outlier Threshold	0.6746
Mean With No Outliers	0.2180
Std With No Outliers	0.1884



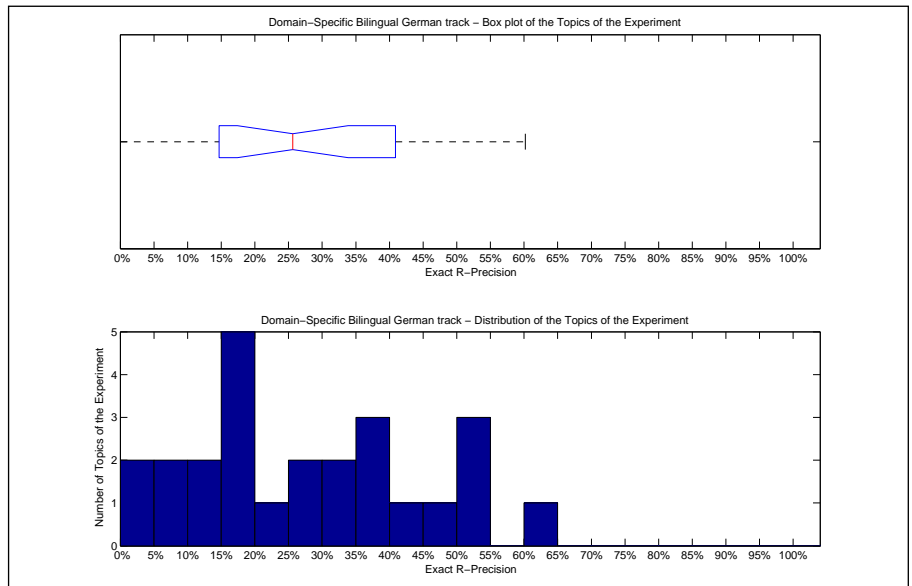
Precision averages (%) for individual queries			
Topic 151	7.35	Topic 164	2.06
Topic 152	1.59	Topic 165	20.68
Topic 153	32.60	Topic 166	57.06
Topic 154	29.35	Topic 167	9.32
Topic 155	15.92	Topic 168	31.30
Topic 156	10.36	Topic 169	11.72
Topic 157	0.19	Topic 170	22.28
Topic 158	2.29	Topic 171	21.20
Topic 159	67.46	Topic 172	7.03
Topic 160	16.43	Topic 173	48.69
Topic 161	48.50	Topic 174	46.77
Topic 162	16.03	Topic 175	7.55
Topic 163	11.33		



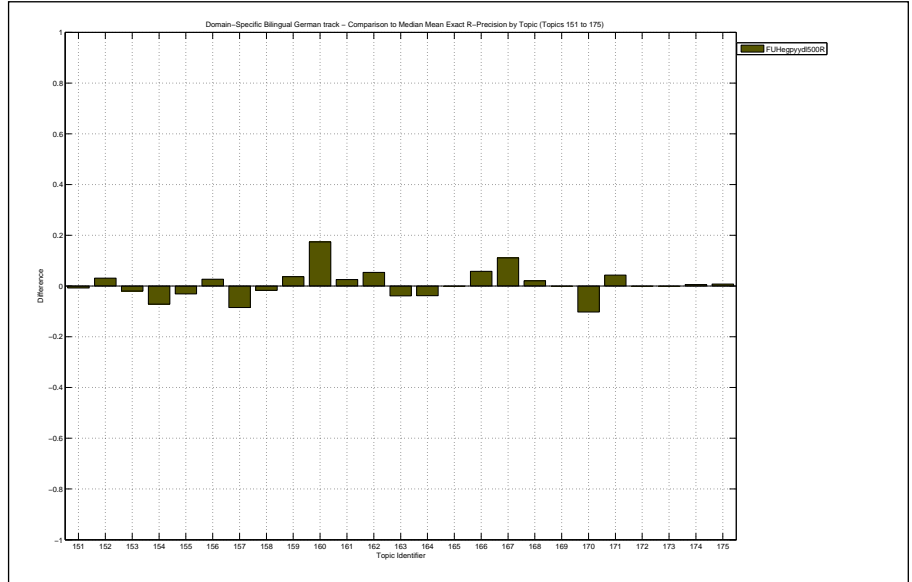
Docs Cutoff Levels	Precision at DCL (%)
5 docs	42.40
10 docs	40.00
15 docs	40.53
20 docs	39.00
30 docs	37.87
100 docs	31.76
200 docs	25.72
500 docs	15.29
1000 docs	9.69
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	27.77



Exact R-Precision	
Maximum	0.6019
Minimum	0.0000
First Quartile	0.1470
Second Quartile	0.2564
Third Quartile	0.4089
Interquartile range	0.2619
Mean	0.2777
Standard Deviation	0.1761
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6019
Mean With No Outliers	0.2777
Std With No Outliers	0.1761



Precision averages (%) for individual queries			
Topic 151	16.54	Topic 164	0.00
Topic 152	10.10	Topic 165	31.51
Topic 153	36.00	Topic 166	54.84
Topic 154	39.78	Topic 167	17.78
Topic 155	19.69	Topic 168	44.22
Topic 156	15.05	Topic 169	9.09
Topic 157	1.54	Topic 170	25.64
Topic 158	7.87	Topic 171	35.35
Topic 159	60.19	Topic 172	13.64
Topic 160	28.47	Topic 173	52.38
Topic 161	49.37	Topic 174	53.98
Topic 162	32.33	Topic 175	17.19
Topic 163	21.79		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	913
Relevant retrieved	652
Geometric Mean Average Precision	0.0216
Binary Preference (BPREF)	0.1646

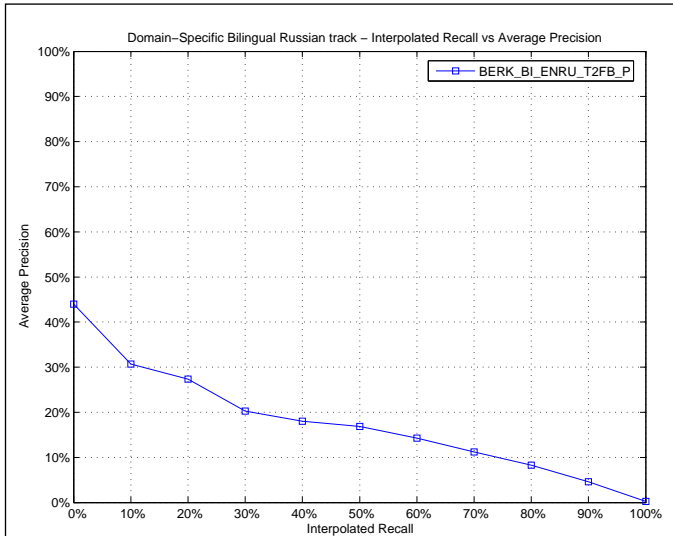
Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

English to Russian using PROMT

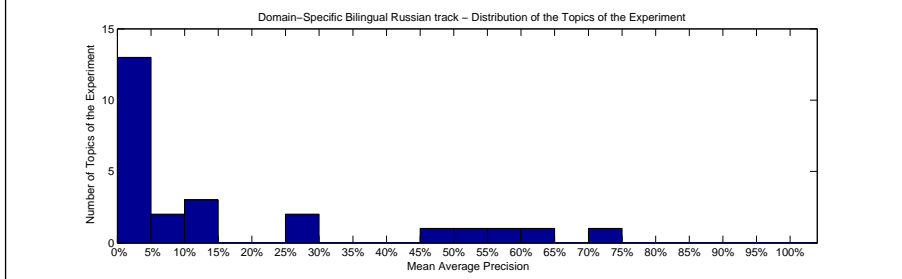
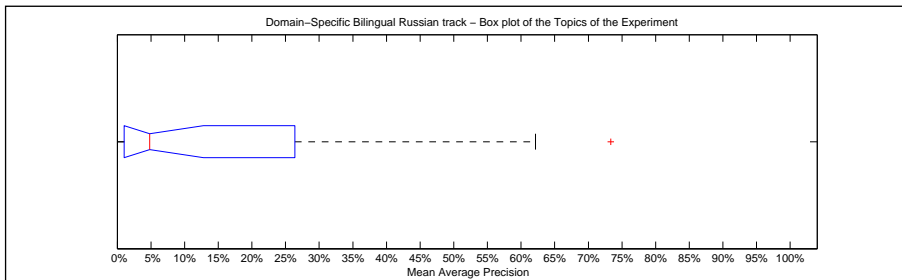
Interploated Recall (%)	Precision Averages (%)
0	43.99
10	30.68
20	27.38
30	20.29
40	18.04
50	16.84
60	14.27
70	11.21
80	8.30
90	4.58
100	0.27

Average precision (non-interpolated) for all relevant documents (averaged over queries)

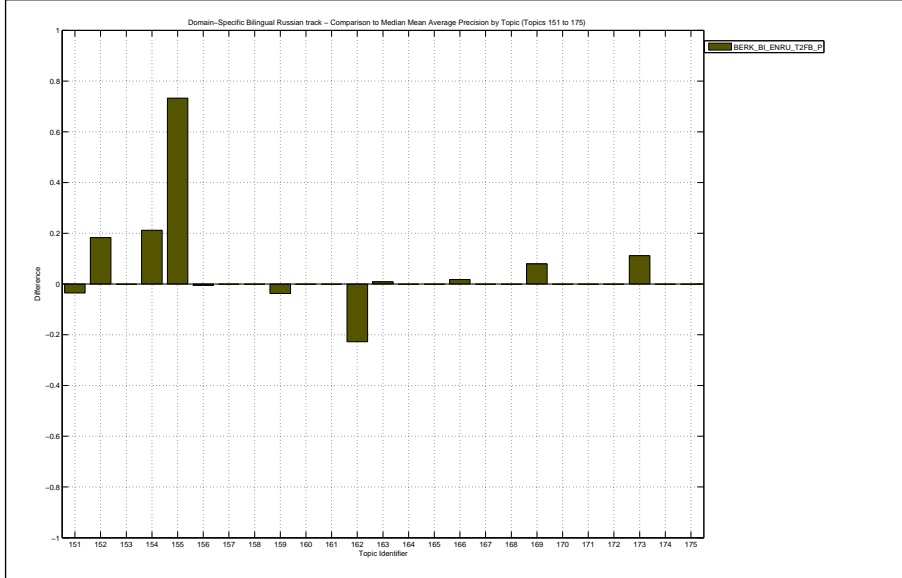
16.48



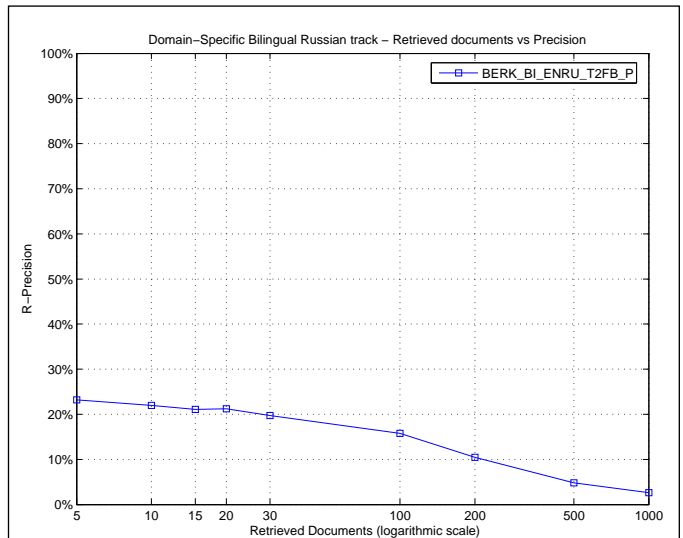
Mean Average Precision	
Maximum	0.7333
Minimum	0.0000
First Quartile	0.0102
Second Quartile	0.0483
Third Quartile	0.2641
Interquartile range	0.2538
Mean	0.1648
Standard Deviation	0.2264
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.6215
Mean With No Outliers	0.1411
Std With No Outliers	0.1971



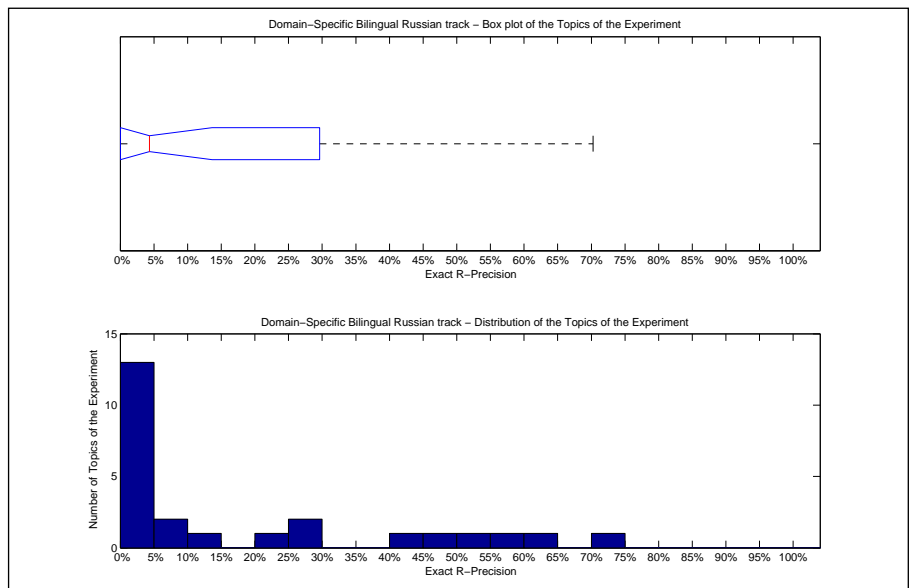
Precision averages (%) for individual queries			
Topic 151	7.19	Topic 164	2.27
Topic 152	50.03	Topic 165	1.91
Topic 153	14.10	Topic 166	5.42
Topic 154	28.74	Topic 167	1.18
Topic 155	73.33	Topic 168	25.63
Topic 156	0.78	Topic 169	11.51
Topic 157	0.00	Topic 170	3.96
Topic 158	3.75	Topic 171	1.10
Topic 159	56.16	Topic 172	0.30
Topic 160	0.08	Topic 173	11.90
Topic 161	62.15	Topic 174	0.00
Topic 162	4.83	Topic 175	0.00
Topic 163	45.73		



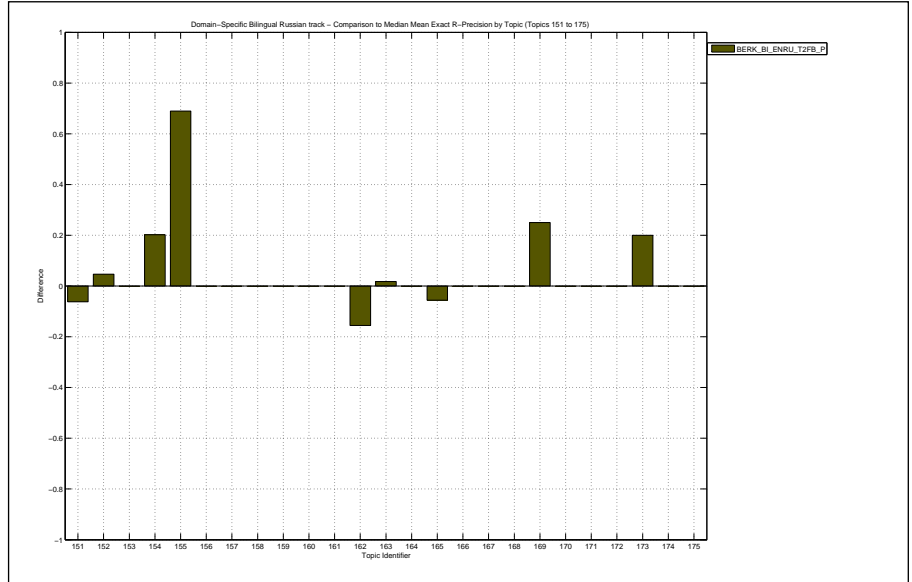
Docs Cutoff Levels	Precision at DCL (%)
5 docs	23.20
10 docs	22.00
15 docs	21.07
20 docs	21.20
30 docs	19.73
100 docs	15.76
200 docs	10.44
500 docs	4.82
1000 docs	2.61
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	17.38



Exact R-Precision	
Maximum	0.7027
Minimum	0.0000
First Quartile	0.0000
Second Quartile	0.0435
Third Quartile	0.2961
Interquartile range	0.2961
Mean	0.1738
Standard Deviation	0.2327
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.7027
Mean With No Outliers	0.1738
Std With No Outliers	0.2327



Precision averages (%) for individual queries			
Topic 151	6.25	Topic 164	0.00
Topic 152	45.35	Topic 165	0.00
Topic 153	13.04	Topic 166	0.00
Topic 154	43.43	Topic 167	0.00
Topic 155	70.27	Topic 168	25.00
Topic 156	0.00	Topic 169	25.00
Topic 157	0.00	Topic 170	4.35
Topic 158	0.00	Topic 171	0.00
Topic 159	60.00	Topic 172	0.00
Topic 160	2.70	Topic 173	20.00
Topic 161	55.68	Topic 174	0.00
Topic 162	8.62	Topic 175	0.00
Topic 163	54.87		





Overall statistics for 25 queries :

Total number of documents over all queries	
Retrieved	25,000
Relevant	913
Relevant retrieved	571
Geometric Mean Average Precision	0.0086
Binary Preference (BPREF)	0.1156

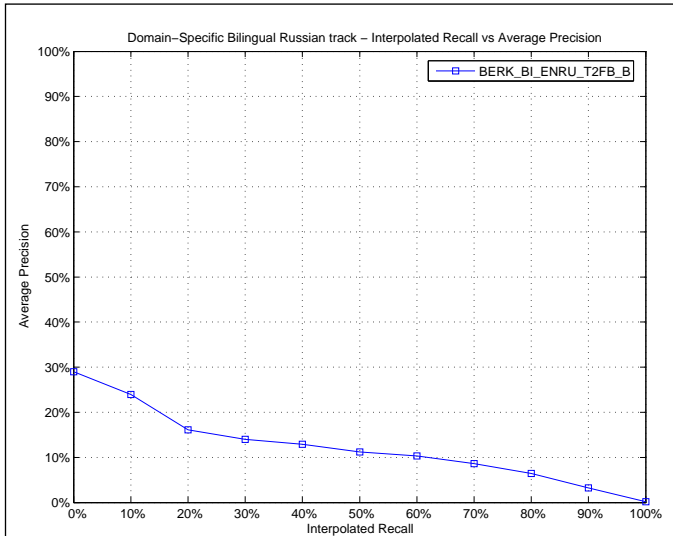
Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true

English to Russian using Babelfish

Interploated Recall (%)	Precision Averages (%)
0	29.02
10	23.91
20	16.13
30	13.98
40	12.90
50	11.21
60	10.29
70	8.63
80	6.43
90	3.25
100	0.18

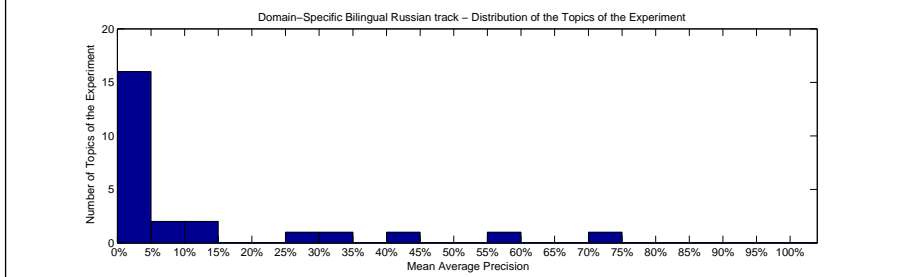
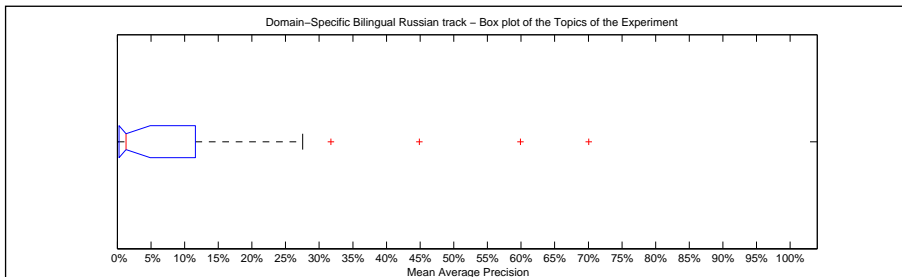
Average precision (non-interpolated) for all relevant documents (averaged over queries)

11.55



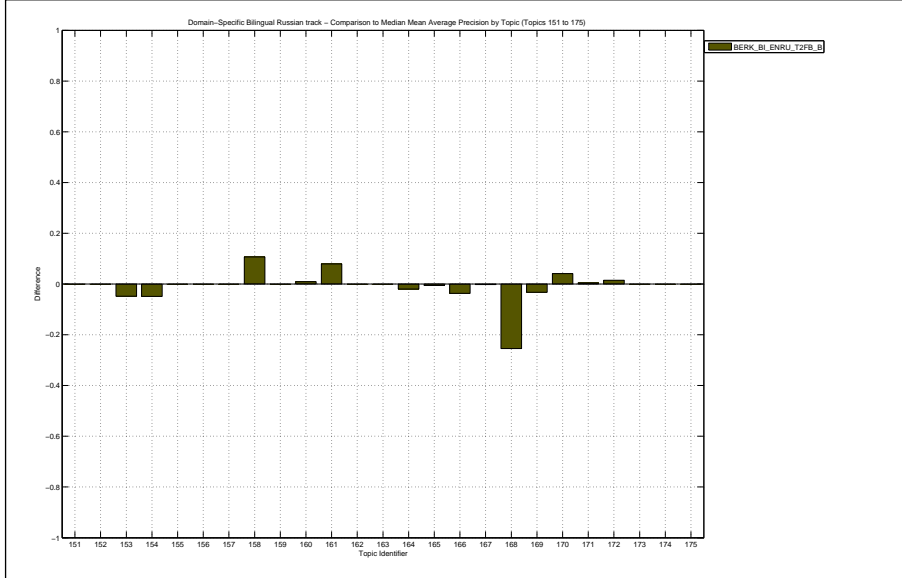
Mean Average Precision

Maximum	0.7004
Minimum	0.0000
First Quartile	0.0028
Second Quartile	0.0131
Third Quartile	0.1162
Interquartile range	0.1134
Mean	0.1155
Standard Deviation	0.1982
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.2756
Mean With No Outliers	0.0392
Std With No Outliers	0.0682

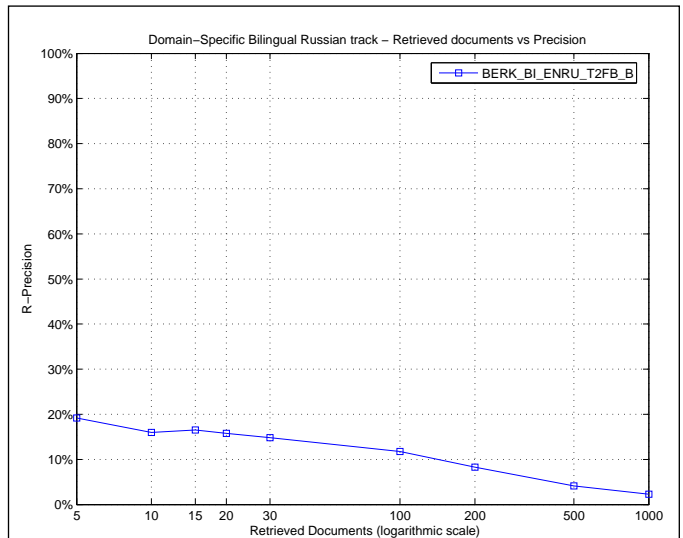


Precision averages (%) for individual queries

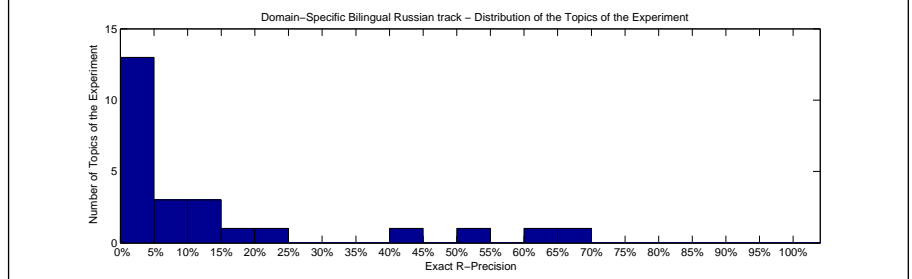
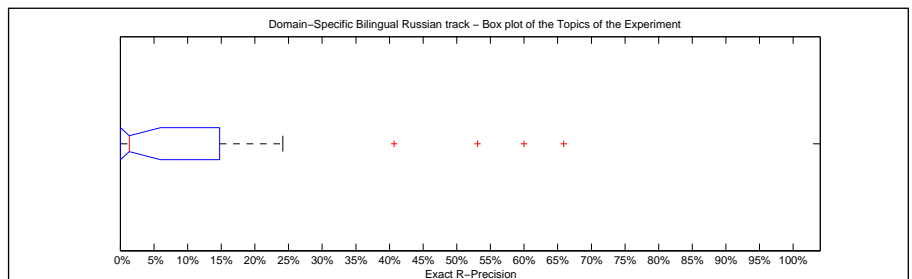
Topic 151	10.69	Topic 164	0.29
Topic 152	31.74	Topic 165	1.31
Topic 153	9.27	Topic 166	0.00
Topic 154	2.63	Topic 167	0.96
Topic 155	0.06	Topic 168	0.23
Topic 156	1.30	Topic 169	0.35
Topic 157	0.00	Topic 170	8.08
Topic 158	14.41	Topic 171	1.53
Topic 159	59.91	Topic 172	1.81
Topic 160	1.02	Topic 173	0.77
Topic 161	70.04	Topic 174	0.00
Topic 162	27.56	Topic 175	0.00
Topic 163	44.88		



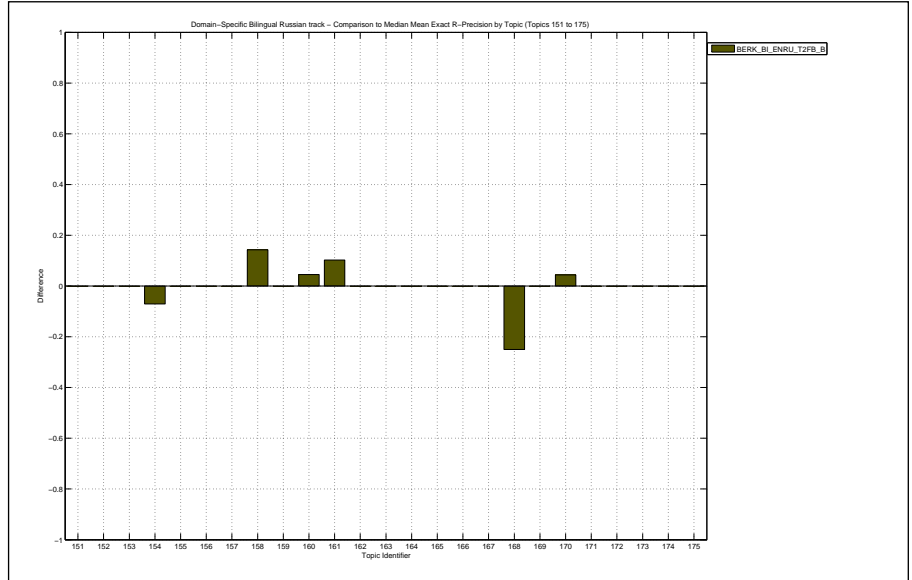
Docs Cutoff Levels	Precision at DCL (%)
5 docs	19.20
10 docs	16.00
15 docs	16.53
20 docs	15.80
30 docs	14.80
100 docs	11.72
200 docs	8.26
500 docs	4.14
1000 docs	2.28
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	12.91



Exact R-Precision	
Maximum	0.6591
Minimum	0.0000
First Quartile	0.0000
Second Quartile	0.0135
Third Quartile	0.1475
Interquartile range	0.1475
Mean	0.1291
Standard Deviation	0.2020
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.2414
Mean With No Outliers	0.0490
Std With No Outliers	0.0718



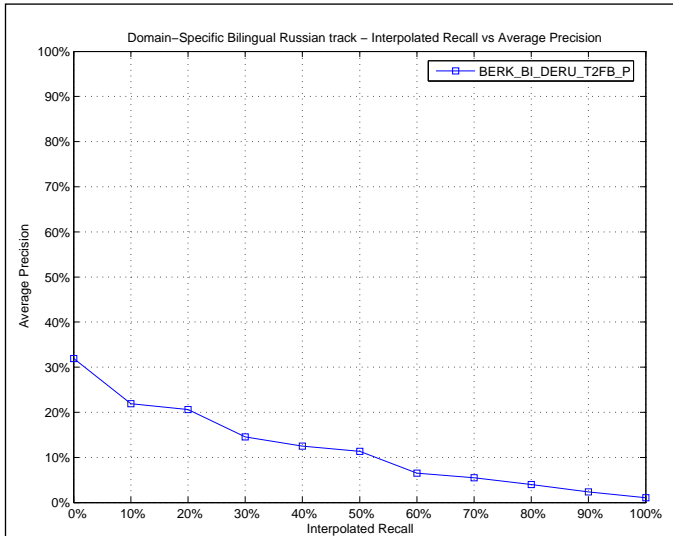
Precision averages (%) for individual queries			
Topic 151	12.50	Topic 164	0.00
Topic 152	40.70	Topic 165	5.56
Topic 153	13.04	Topic 166	0.00
Topic 154	16.16	Topic 167	0.00
Topic 155	1.35	Topic 168	0.00
Topic 156	0.00	Topic 169	0.00
Topic 157	0.00	Topic 170	8.70
Topic 158	14.29	Topic 171	0.00
Topic 159	60.00	Topic 172	0.00
Topic 160	7.21	Topic 173	0.00
Topic 161	65.91	Topic 174	0.00
Topic 162	24.14	Topic 175	0.00
Topic 163	53.10		



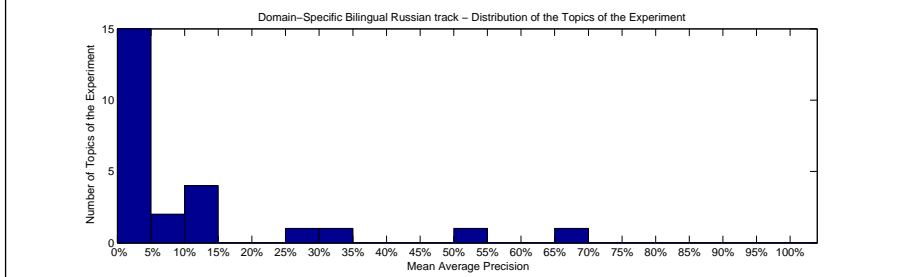
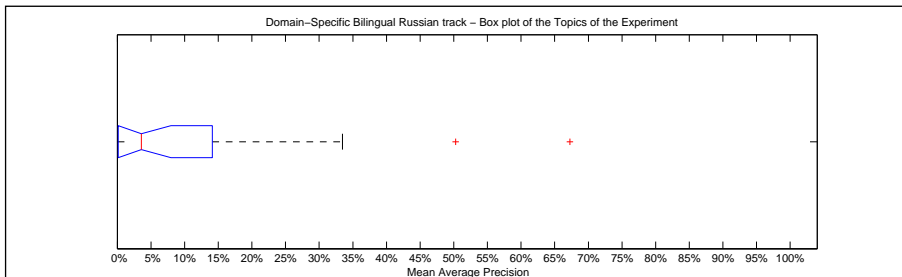
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	913
Relevant retrieved	456
Geometric Mean Average Precision	0.0077
Binary Preference (BPREF)	0.1034

Priority	3
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	true
German to Russian using PROMT	

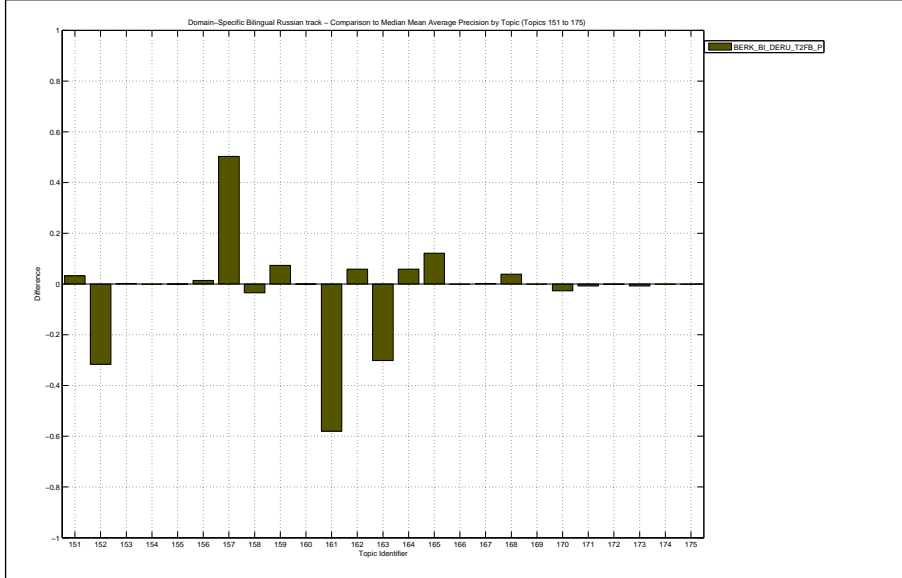
Interploated Recall (%)	Precision Averages (%)
0	31.91
10	21.87
20	20.61
30	14.56
40	12.49
50	11.38
60	6.50
70	5.51
80	3.97
90	2.37
100	1.04
Average precision (non-interpolated) for all relevant documents (averaged over queries)	
	10.83



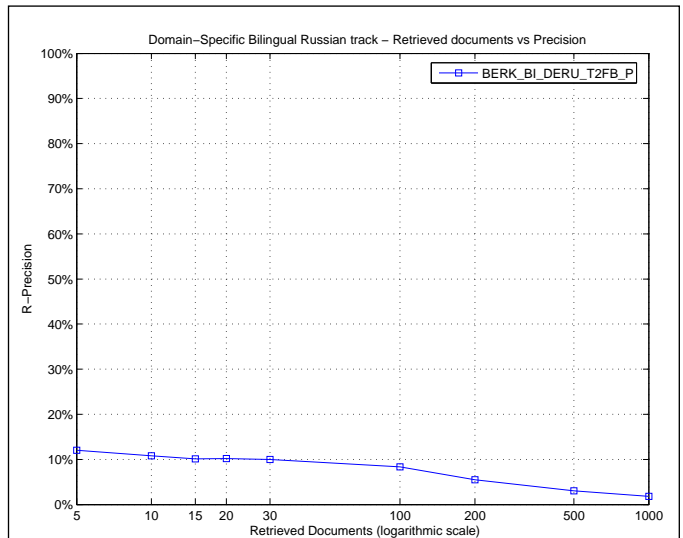
Mean Average Precision	
Maximum	0.6726
Minimum	0.0000
First Quartile	0.0012
Second Quartile	0.0358
Third Quartile	0.1411
Interquartile range	0.1399
Mean	0.1083
Standard Deviation	0.1720
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.3344
Mean With No Outliers	0.0666
Std With No Outliers	0.0944



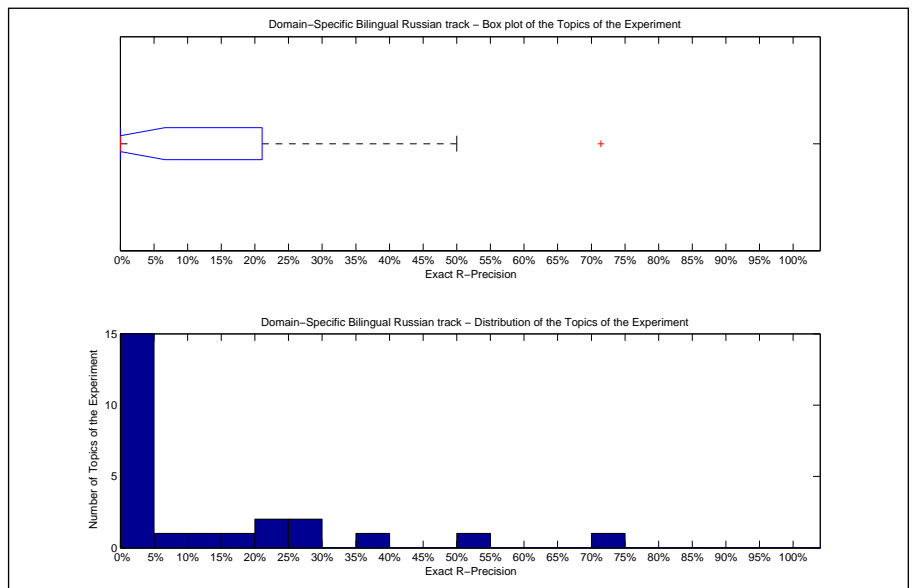
Precision averages (%) for individual queries			
Topic 151	13.94	Topic 164	8.13
Topic 152	0.06	Topic 165	14.05
Topic 153	14.29	Topic 166	3.66
Topic 154	7.52	Topic 167	1.41
Topic 155	0.00	Topic 168	29.52
Topic 156	2.68	Topic 169	3.58
Topic 157	50.29	Topic 170	1.26
Topic 158	0.27	Topic 171	0.33
Topic 159	67.26	Topic 172	0.14
Topic 160	0.00	Topic 173	0.00
Topic 161	4.14	Topic 174	0.00
Topic 162	33.44	Topic 175	0.00
Topic 163	14.68		



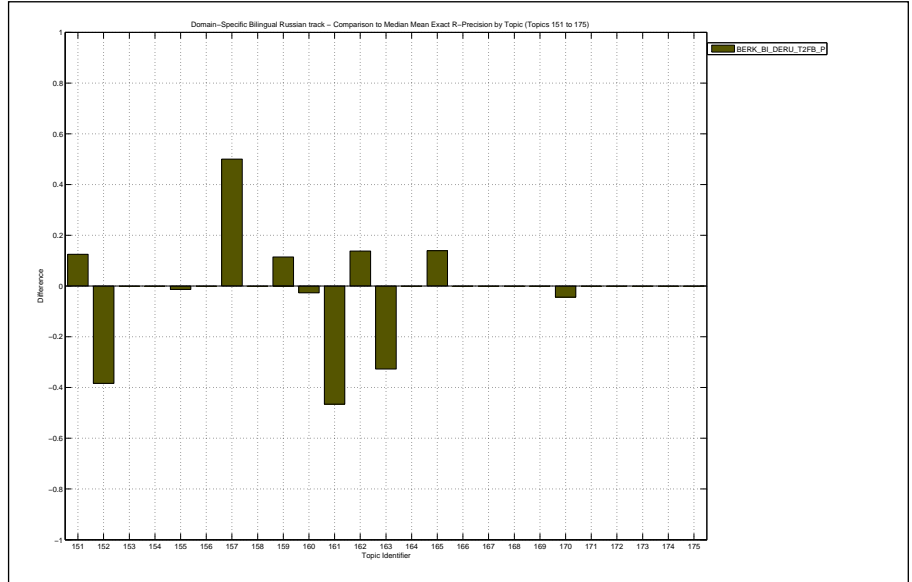
Docs Cutoff Levels	Precision at DCL (%)
5 docs	12.00
10 docs	10.80
15 docs	10.13
20 docs	10.20
30 docs	10.00
100 docs	8.32
200 docs	5.50
500 docs	3.01
1000 docs	1.82
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	11.87



Exact R-Precision	
Maximum	0.7143
Minimum	0.0000
First Quartile	0.0000
Second Quartile	0.0000
Third Quartile	0.2107
Interquartile range	0.2107
Mean	0.1187
Standard Deviation	0.1866
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.5000
Mean With No Outliers	0.0939
Std With No Outliers	0.1424



Precision averages (%) for individual queries			
Topic 151	25.00	Topic 164	0.00
Topic 152	2.33	Topic 165	19.44
Topic 153	13.04	Topic 166	0.00
Topic 154	23.23	Topic 167	0.00
Topic 155	0.00	Topic 168	25.00
Topic 156	0.00	Topic 169	0.00
Topic 157	50.00	Topic 170	0.00
Topic 158	0.00	Topic 171	0.00
Topic 159	71.43	Topic 172	0.00
Topic 160	0.00	Topic 173	0.00
Topic 161	9.09	Topic 174	0.00
Topic 162	37.93	Topic 175	0.00
Topic 163	20.35		



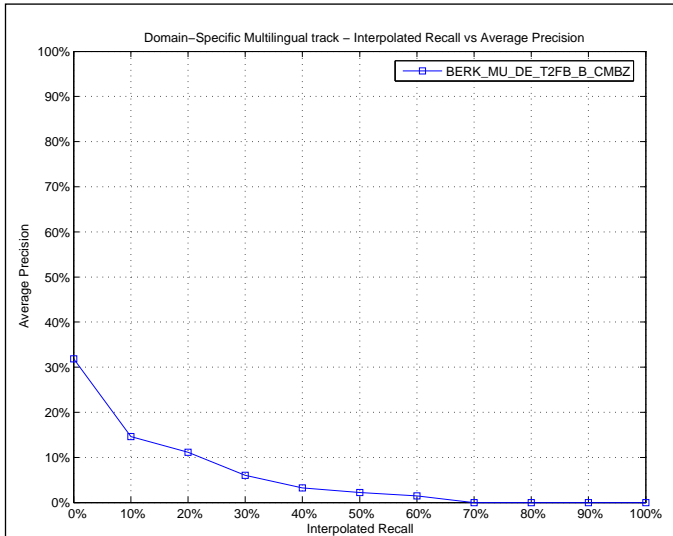
Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	8,911
Relevant retrieved	1,578
Geometric Mean Average Precision	0.0143
Binary Preference (BPREF)	0.1606

Priority	1
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	false
German to Russian using PROMT, and German to English using Babelfish	

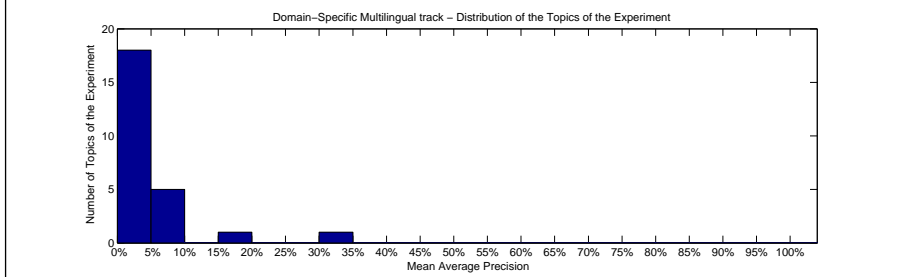
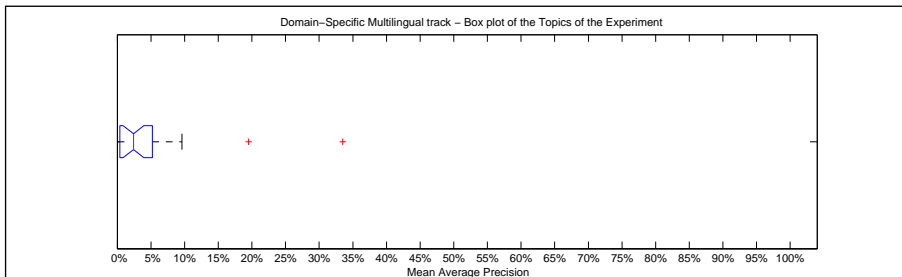
Interploated Recall (%)	Precision Averages (%)
0	31.82
10	14.65
20	11.17
30	6.05
40	3.21
50	2.24
60	1.44
70	0.00
80	0.00
90	0.00
100	0.00

Average precision (non-interpolated) for all relevant documents (averaged over queries)

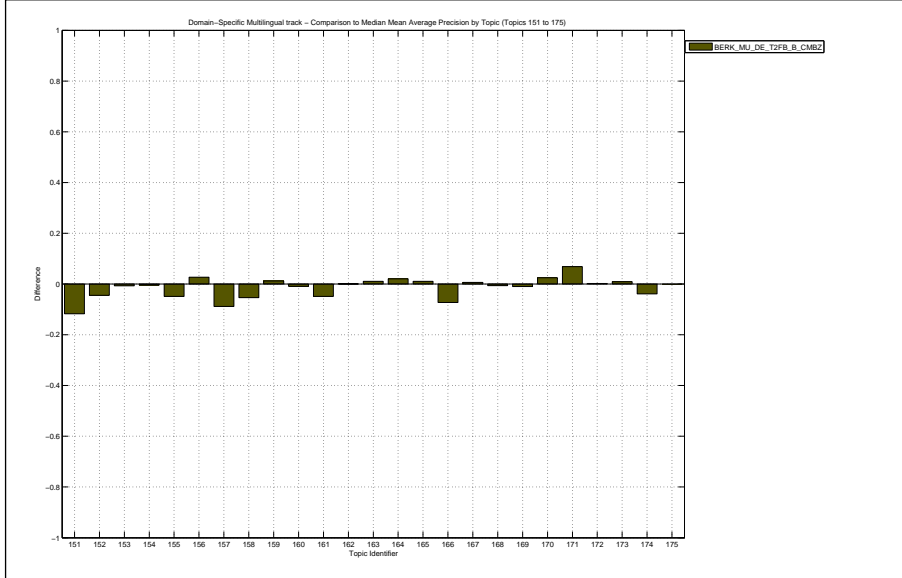
4.67



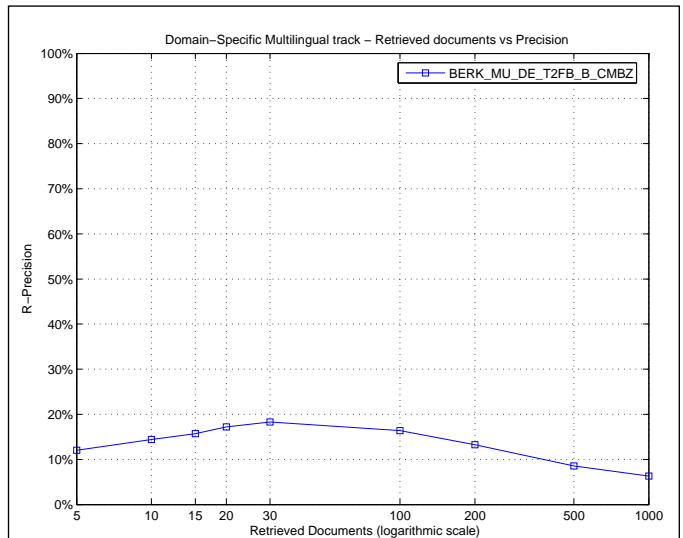
Mean Average Precision	
Maximum	0.3352
Minimum	0.0001
First Quartile	0.0037
Second Quartile	0.0240
Third Quartile	0.0521
Interquartile range	0.0484
Mean	0.0467
Standard Deviation	0.0740
Lower Outlier Threshold	0.0001
Upper Outlier Threshold	0.0961
Mean With No Outliers	0.0277
Std With No Outliers	0.0285



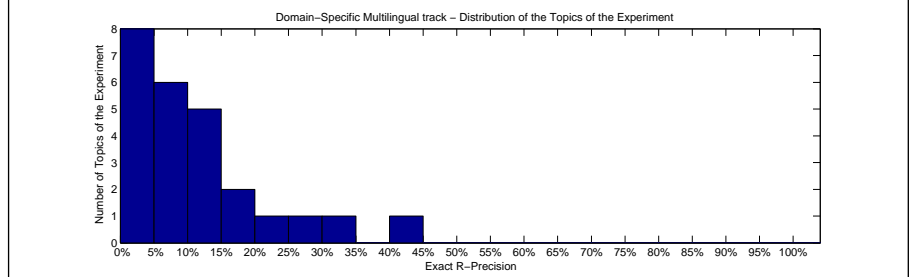
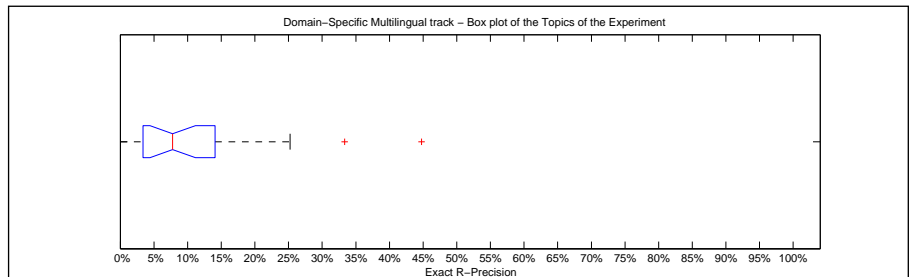
Precision averages (%) for individual queries			
Topic 151	1.12	Topic 164	5.47
Topic 152	0.01	Topic 165	2.40
Topic 153	9.16	Topic 166	0.28
Topic 154	3.42	Topic 167	1.96
Topic 155	0.72	Topic 168	4.21
Topic 156	6.43	Topic 169	0.03
Topic 157	5.12	Topic 170	19.52
Topic 158	0.62	Topic 171	33.52
Topic 159	2.67	Topic 172	4.68
Topic 160	0.17	Topic 173	2.35
Topic 161	9.61	Topic 174	0.39
Topic 162	0.30	Topic 175	0.17
Topic 163	2.52		



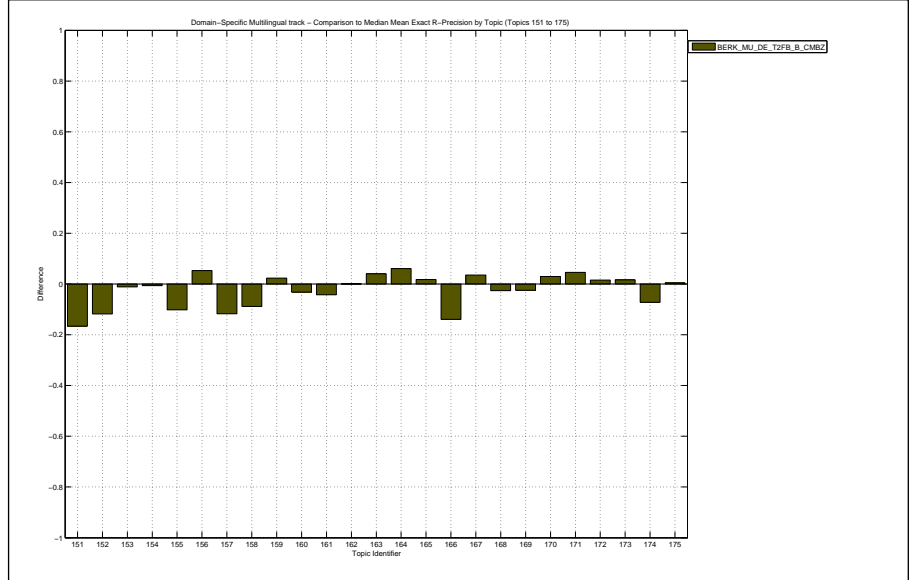
Docs Cutoff Levels	Precision at DCL (%)
5 docs	12.00
10 docs	14.40
15 docs	15.73
20 docs	17.20
30 docs	18.27
100 docs	16.36
200 docs	13.24
500 docs	8.52
1000 docs	6.31
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	11.15



Exact R-Precision	
Maximum	0.4476
Minimum	0.0000
First Quartile	0.0336
Second Quartile	0.0778
Third Quartile	0.1409
Interquartile range	0.1073
Mean	0.1115
Standard Deviation	0.1085
Lower Outlier Threshold	0.0000
Upper Outlier Threshold	0.2522
Mean With No Outliers	0.0873
Std With No Outliers	0.0698



Precision averages (%) for individual queries			
Topic 151	5.33	Topic 164	17.56
Topic 152	0.47	Topic 165	5.33
Topic 153	22.74	Topic 166	2.05
Topic 154	12.48	Topic 167	8.45
Topic 155	4.20	Topic 168	13.20
Topic 156	13.04	Topic 169	0.00
Topic 157	13.58	Topic 170	33.33
Topic 158	5.12	Topic 171	44.76
Topic 159	7.78	Topic 172	15.62
Topic 160	3.08	Topic 173	7.63
Topic 161	25.22	Topic 174	3.46
Topic 162	2.32	Topic 175	1.71
Topic 163	10.35		



Overall statistics for 25 queries :	
Total number of documents over all queries	
Retrieved	25,000
Relevant	8,911
Relevant retrieved	2,422
Geometric Mean Average Precision	0.0298
Binary Preference (BPREF)	0.2097

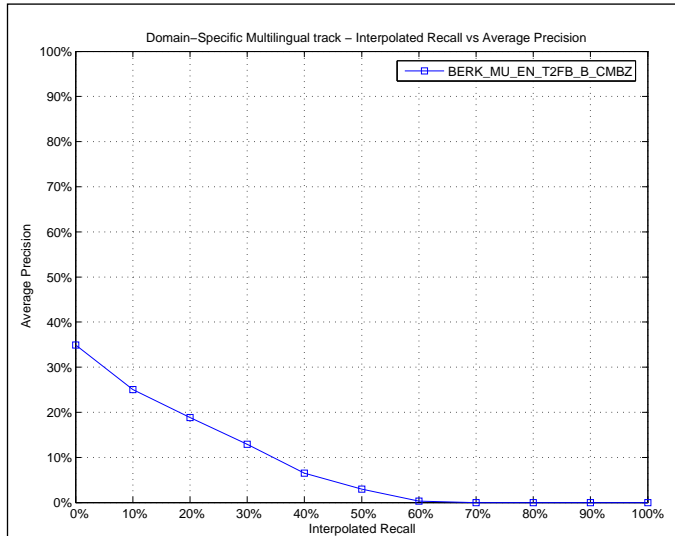
Priority	2
Query Construction	AUTOMATIC
Source Language	German
Topic Fields	title, description
Pooled	false

English to German and Russian using Babelfish

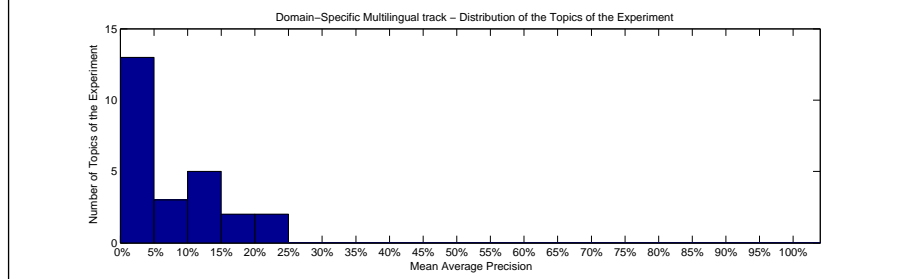
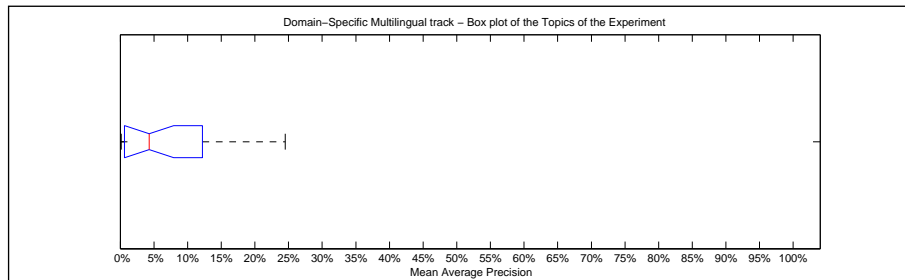
Interploated Recall (%)	Precision Averages (%)
0	34.88
10	25.04
20	18.87
30	12.88
40	6.47
50	2.99
60	0.30
70	0.00
80	0.00
90	0.00
100	0.00

Average precision (non-interpolated) for all relevant documents (averaged over queries)

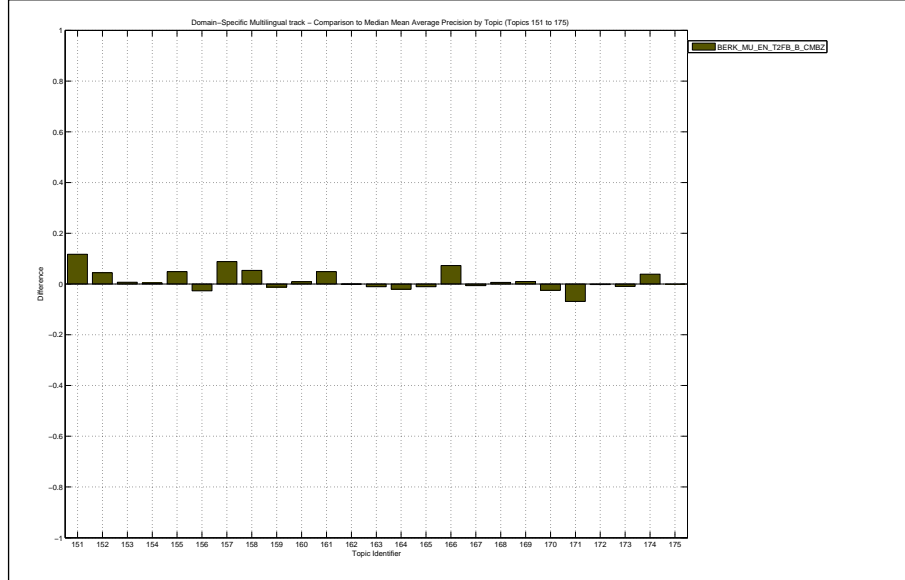
7.53



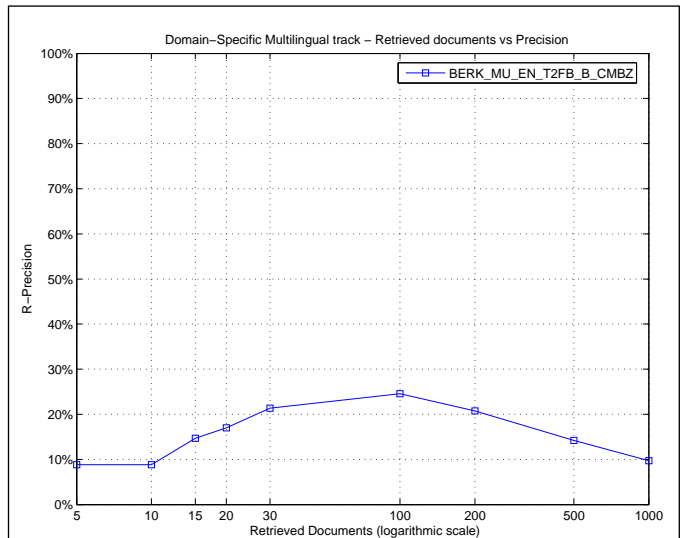
Mean Average Precision	
Maximum	0.2452
Minimum	0.0013
First Quartile	0.0061
Second Quartile	0.0430
Third Quartile	0.1221
Interquartile range	0.1161
Mean	0.0753
Standard Deviation	0.0784
Lower Outlier Threshold	0.0013
Upper Outlier Threshold	0.2452
Mean With No Outliers	0.0753
Std With No Outliers	0.0784



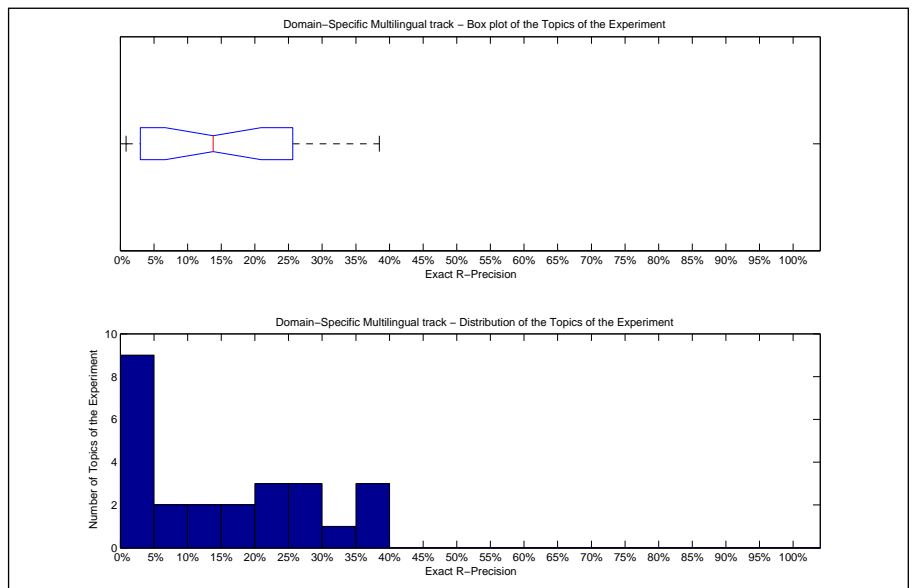
Precision averages (%) for individual queries			
Topic 151	24.52	Topic 164	1.38
Topic 152	8.86	Topic 165	0.33
Topic 153	10.64	Topic 166	14.87
Topic 154	4.30	Topic 167	0.62
Topic 155	10.44	Topic 168	5.50
Topic 156	1.05	Topic 169	1.94
Topic 157	22.74	Topic 170	14.57
Topic 158	11.43	Topic 171	19.86
Topic 159	0.29	Topic 172	4.23
Topic 160	2.03	Topic 173	0.58
Topic 161	19.31	Topic 174	8.15
Topic 162	0.16	Topic 175	0.13
Topic 163	0.41		



Docs Cutoff Levels	Precision at DCL (%)
5 docs	8.80
10 docs	8.80
15 docs	14.67
20 docs	17.00
30 docs	21.33
100 docs	24.56
200 docs	20.72
500 docs	14.18
1000 docs	9.69
R-Precision (precision after R document retrieved, where R = Relevant retrieved)	
	15.97



Exact R-Precision	
Maximum	0.3848
Minimum	0.0085
First Quartile	0.0298
Second Quartile	0.1379
Third Quartile	0.2564
Interquartile range	0.2266
Mean	0.1597
Standard Deviation	0.1299
Lower Outlier Threshold	0.0085
Upper Outlier Threshold	0.3848
Mean With No Outliers	0.1597
Std With No Outliers	0.1299



Precision averages (%) for individual queries			
Topic 151	38.48	Topic 164	5.34
Topic 152	24.09	Topic 165	1.78
Topic 153	25.06	Topic 166	29.86
Topic 154	13.79	Topic 167	1.41
Topic 155	24.52	Topic 168	18.40
Topic 156	2.42	Topic 169	4.92
Topic 157	37.04	Topic 170	27.38
Topic 158	22.79	Topic 171	35.60
Topic 159	3.17	Topic 172	12.50
Topic 160	9.42	Topic 173	4.39
Topic 161	33.76	Topic 174	17.87
Topic 162	2.16	Topic 175	0.85
Topic 163	2.34		

