











**Table 2: Comparing rankings for queries with text-based and separate temporal constraints; queries from [3].**

Category	Query	Ranking	Explanations
Sports	<boston red sox october 27 2004, []>	Yankees-Red Sox Rivalry Boston Red Sox 2004 World Series	Query with temporal constraint retrieves the relevant season's page and the full series page as the top documents.
	<boston red sox, [2004-10-27, 2004-10-27]>	2004 World Series 2004 Boston Red Sox History of Massachusetts	
Sports	<ac milan may 23 2007, []>	Milan War of Currents Lockheed AC-130	That day, AC Milan won the <i>2006-07 UEFA Champions League</i> – though originally ejected due to the <i>2006 Italian football scandal</i> ; <i>Jankulovski</i> was one of Milan's players. Text-only query returned <i>Milan</i> (the city), a page about electricity and one about a gunship.
	<ac milan, [2007-05-23, 2007-05-23]>	2006 Italian football scandal Marek Jankulovski 2006-07 UEFA Champions League	
Sports	<italian national soccer team july 2006, []>	Soccer in the United States United States Soccer Federation U.S. men's national soccer team	Results of the time-aware search are more relevant: <i>Jürgen Klinsmann</i> coach of German team, which lost against Italy in July 2006, <i>Francesco Totti</i> part of Italy's national soccer team, <i>Bruce Arena</i> coach of US team, which also played against Italy at the world cup.
	<italian national soccer team, [2006-07, 2006-07]>	Jürgen Klinsmann Francesco Totti Bruce Arena	
Sports	<new york yankees 1910s, []>	New York Yankees Yankees-Red Sox rivalry Boston Red Sox	The results for the query with the temporal constraint are much more temporally relevant, with <i>Babe Ruth</i> being one of the most famous players at that time – who played for the Red Sox (until 1919) and the Yankees (from 1920).
	<new york yankees, [1910, 1919]>	History of the New York Yankees Babe Ruth New York Yankees	
Technology	<mac os x march 24 2001, []>	Microsoft Office OS X Mac OS 8	On <i>March 24, 2001</i> , <i>Mac OS X 10.0</i> was released. By setting the temporal constraint, the page about this specific version is ranked higher and the temporally rather irrelevant page on <i>Mac OS 8</i> disappears.
	<mac os x, [2001-03-24, 2001-03-24]>	OS X Internet Explorer for Mac Mac OS X 10.0	
Technology	<internet 1990s, []>	Internet access Internet Explorer Net neutrality	The pages <i>History of the Internet</i> and <i>Internet</i> give good overviews of the internet in the queried time period.
	<internet, [1990, 1999]>	History of the Internet Internet Explorer Internet	
Technology	<siemens 19th century, []>	Siemens Siemens Healthineers Unify Software and Solutions	<i>Carl Wilhelm Siemens</i> and <i>Werner von Siemens</i> are clearly more 19th century relevant than the companies <i>Siemens Healthineers</i> and <i>Unify Software and Solutions</i> .
	<siemens, [1800,1899]>	Carl Wilhelm Siemens Werner von Siemens Siemens family	
Culture	<woodstock august 1994, []>	Woodstock Limp Bizkit Woodstock, Ontario	The <i>Woodstock '94</i> was a music festival organized to commemorate the 25th anniversary of the original <i>Woodstock</i> festival of 1969. The <i>Woodstock Jimi Hendrix album</i> – though recorded in 1969 – was released in August 1994.
	<woodstock, [1994-08, 1994-08]>	Woodstock '94 Woodstock Jimi Hendrix album Michael Wadleigh	
Culture	<pink floyd march 1973, []>	Roger Waters Pink Floyd Pink Floyd live performances	<i>The Dark Side of the Moon</i> was released in March 1973.
	<pink floyd, [1973-03, 1973-03]>	The Dark Side of the Moon Pink Floyd Pink Floyd live performances	
Culture	<michael jackson 1982, []>	Michael Jackson Janet Jackson Scream Childhood	In 1982, <i>Michael Jackson's</i> album <i>Thriller</i> was released. In contrast <i>Scream/Childhood</i> was released in 1995.
	<michael jackson, [1982, 1982]>	Michael Jackson Thriller Michael Jackson album Bo Jackson	
World affairs	<berlin october 27 1961, []>	West Berlin Berlin Tempelhof Airport History of Berlin	In the <i>Berlin Crisis of 1961</i> , soon after the Berlin wall was built, Soviet and American tanks stood 100 yards apart on either side of the <i>Checkpoint Charlie</i> on October 27, 1961.
	<berlin, [1961-10-27, 1961-10-27]>	Berlin Crisis of 1961 History of Berlin Checkpoint Charlie	