

Supplementary materials

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## Supplementary materials

**Introduction**

Register	Topic	Frequency	Percentage	Rank
How-to/instructions	33	5187	19.52	1
How-to/instructions	109	5000	18.81	2
How-to/instructions	95	3262	12.27	3
How-to/instructions	4	2607	9.81	4
How-to/instructions	59	2074	7.80	5
Informational description (or explanation)	109	26157	18.66	1
Informational description (or explanation)	33	25684	18.33	2
Informational description (or explanation)	95	11264	8.04	3
Informational description (or explanation)	59	9767	6.97	4
Informational description (or explanation)	4	9018	6.43	5
Informational persuasion	33	14358	19.55	1
Informational persuasion	109	14201	19.33	2
Informational persuasion	95	8707	11.85	3
Informational persuasion	4	6130	8.34	4
Informational persuasion	59	4631	6.30	5
Interactive discussion	33	38928	18.98	1
Interactive discussion	95	32147	15.67	2
Interactive discussion	59	28314	13.81	3
Interactive discussion	4	28021	13.66	4
Interactive discussion	109	27132	13.23	5
Lyrical	33	345	19.06	1
Lyrical	4	321	17.73	2
Lyrical	129	286	15.80	3
Lyrical	95	238	13.15	4
Lyrical	59	223	12.32	5

Narrative	33	94863	19.63	1
Narrative	109	73913	15.30	2
Narrative	95	65103	13.47	3
Narrative	4	64686	13.39	4
Narrative	59	45099	9.33	5
Opinion	33	12361	18.93	1
Opinion	109	11777	18.03	2
Opinion	59	9782	14.98	3
Opinion	95	7377	11.30	4
Opinion	4	5506	8.43	5
Spoken	33	854	19.13	1
Spoken	109	838	18.77	2
Spoken	59	754	16.89	3
Spoken	4	420	9.41	4
Spoken	95	340	7.61	5

Table 1

*The five most frequent topics across the register in the Finnish Parsebank.*

Example 1: [...] Eilen aamulla kävin koiran kanssa juoksemassa ja huomenna yritän kasata ajatukseni, keskittyä ja mennä salille. Onneksi pääsen myös hierontaan viimein.

Example 2: [...] Joulun ilo mielen valtaa ja sitä iloa joulu tuottaa. Yllätyksiä ja herkkuja, naurua ja lahjoja. Kristuksen syntymä tai pelkkä juhla, joulu saapuu aivan kohta. [...]

Example 3: [...] Selvää on se, että alusta asti on noudatettu lakia — siihen ei myöskään kanslerilla ollut mitään sanottavaa — ja sanomattakin selvää on se, että tulemme jatkossakin noudattamaan lakia. Saatujen tietojen mukaan päätös tulee tarkastusvirastolta loppukesästä. [...]

Example 4: [...] Elämässä ja parisuhteessa voi vastaan tulla tilanteita, joissa joutuu pysähtymään ja pohtimaan miten jatkaa eteenpäin. Lapsen syntymän tuoma muutos parisuhteeseen, murrosikäisten nuorten tuomat haasteet, aika, jolloin pari on taas kahdestaan, vanheneminen ja sairastaminen tai eläkkeelle jääminen aiheuttavat vaikeuksia parisuhteeseen. [...]

Example 5: [...] Kolmiosainen dokumenttiteatteriesitys, joka koostaa tapoja kehystää ja mieltää ilmastonmuutosta, kuuntelee puheenvuoroja sulavan ikiroudan ääreltä Arktiselta alueelta ja tuo esille paikallisia yrityksiä sopeutua muuttuneeseen aikaan, todellisuuteen. [...]

Example 6: [...] Kansanedustaja Pekka Haaviston mukaan presidentti Vladimir Putin on valinnut harteilleen uudenlaisen viitan. Haaviston mielestä yhteistyö on kuitenkin tärkeintä Ukrainan sotatilan rauhoittamisessa. Haavisto toteaa myös, että Natossa on nyt ensimmäistä kertaa havahduttu siihen, että sotilaalliset toimet voivat sijoittua myös Euroopan alueelle. [...]

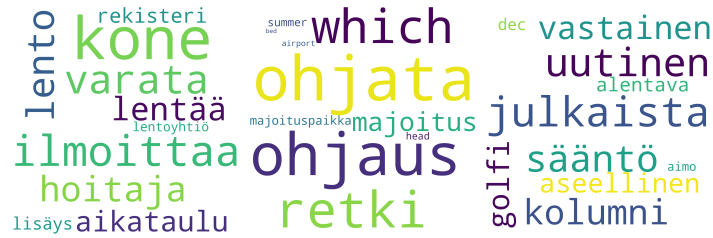
Example 7: [...] Trendivärejä ovat myös harmaa sekä violetin eri sävyt. Kurvien metsästäjille on tarjolla monenmoista tuotetta: perinteistä housuliiviä, kylkiluihin asti ulottuvaa housuliiviä, tukisukkahousua ja tiukkaa kokoalushametta, jota makkarankuoreksi usein leikkisästi kutsutaan", Salmenkallio opastaa. "Lisäksi löytyy peffan ja reidet litistävää alushametta, bodeja, korsettia kupilla tai ilman liiviosaa." Naisten vartalo-ongelmat ovat moninaiset, mutta niin ovat myös keinot peitellä heikkoja kohtia ja korostaa parhaita puolia. "Turhaa on silti kuvitella, että alusasut kadottaisivat taianomaisesti kymmenen ylikiloa, valitettavasti", Salmenkallio sanoo. Alusasuilla saa kuitenkin silotettua itseään. Jos kuppikokosi on D tai E, olet keskikokoa. Liivejä on saatavilla muunneltavina, jolloin samaa liiviä voi käyttää useiden erilaisten mekkojen alla. Vatsaa ja lantion seutua tukeva korsetti voi toimia silloin. [...]

Contrast	Estimate	SE	df	t ratio	p-value
(How-to/instructions) - Informational description (or explanation)	0.4356	0.0482	199992	9.043	<.0001
(How-to/instructions) - Informational persuasion	0.9939	0.0515	199992	19.285	<.0001
(How-to/instructions) - Interactive discussion	-2.3612	0.0469	199992	-50.304	<.0001
(How-to/instructions) - Lyrical	-1.2990	0.1749	199992	-7.428	<.0001
(How-to/instructions) - Narrative	-0.4253	0.0454	199992	-9.376	<.0001
(How-to/instructions) - Opinion	-1.5840	0.0524	199992	-30.239	<.0001
(How-to/instructions) - Spoken	-1.2083	0.1164	199992	-10.377	<.0001
Informational description (or explanation) - Informational persuasion	0.5583	0.0328	199992	17.025	<.0001
Informational description (or explanation) - Interactive discussion	-2.7968	0.0250	199992	-112.086	<.0001
Informational description (or explanation) - Lyrical	-1.7346	0.1703	199992	-10.185	<.0001
Informational description (or explanation) - Narrative	-0.8609	0.0218	199992	-39.411	<.0001
Informational description (or explanation) - Opinion	-2.0196	0.0341	199992	-59.207	<.0001
Informational description (or explanation) - Spoken	-1.6439	0.1094	199992	-15.020	<.0001
Informational persuasion - Interactive discussion	-3.3551	0.0310	199992	-108.379	<.0001
Informational persuasion - Lyrical	-2.2929	0.1713	199992	-13.386	<.0001
Informational persuasion - Narrative	-1.4192	0.0285	199992	-49.777	<.0001
Informational persuasion - Opinion	-2.5779	0.0387	199992	-66.578	<.0001
Informational persuasion - Spoken	-2.2022	0.1110	199992	-19.845	<.0001
Interactive discussion - Lyrical	1.0621	0.1700	199992	6.249	<.0001
Interactive discussion - Narrative	1.9359	0.0190	199992	102.028	<.0001
Interactive discussion - Opinion	0.7771	0.0323	199992	24.023	<.0001
Interactive discussion - Spoken	1.1528	0.1089	199992	10.585	<.0001
Lyrical - Narrative	0.8737	0.1695	199992	5.153	<.0001
Lyrical - Opinion	-0.2850	0.1716	199992	-1.661	0.7124
Lyrical - Spoken	0.0907	0.2006	199992	0.452	0.9998
Narrative - Opinion	-1.1587	0.0300	199992	-38.603	<.0001
Narrative - Spoken	-0.7830	0.1082	199992	-7.234	<.0001
Opinion - Spoken	0.3757	0.1114	199992	3.374	0.0170

*P*-value adjustment: tukey method for comparing a family of 8 estimates

Table 2

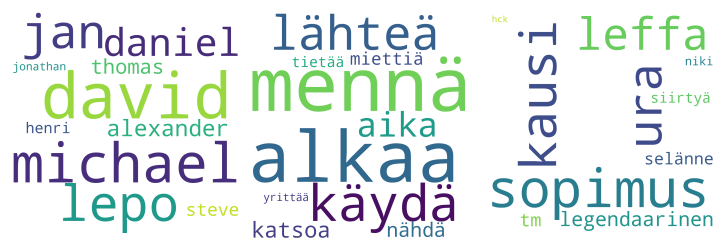
*Pairwise comparison of the average number of contributing topics across the registers in the sample of the Finnish Parsebank, carried out as a pairwise comparison of the means with a linear model, where the estimated p-values were adjusted for multiple comparisons using the Tukey method.*



Topic 1

Topic 2

Topic 3



Topic 4

Topic 5

Topic 6



Topic 7

Topic 8

Topic 9



Topic 10

Topic 11

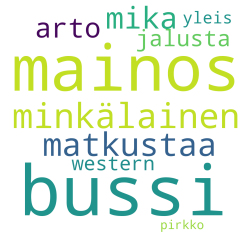
Topic 12



Topic 13

Topic 14

Topic 15



Topic 16



Topic 17



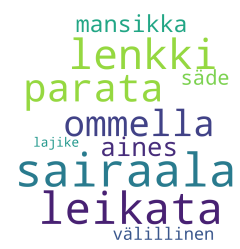
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Topic 19



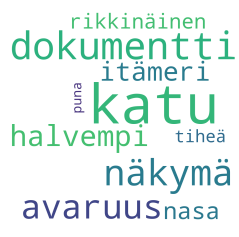
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Topic 21



Topic 22



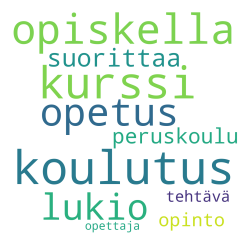
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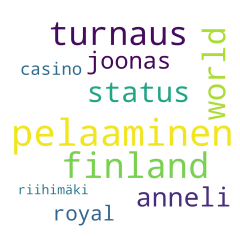
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Topic 25



Topic 26



Topic 27



Topic 28



Topic 29



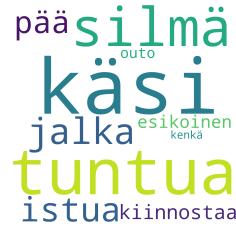
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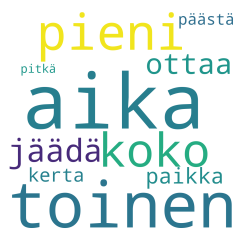
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Topic 32



Topic 33



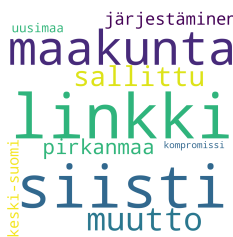
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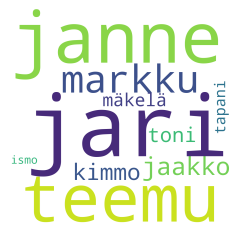
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Topic 37



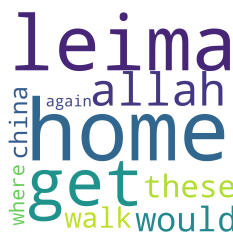
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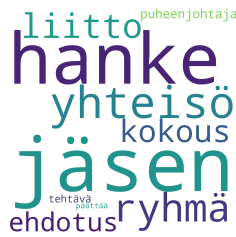
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Topic 42



Topic 43



Topic 44

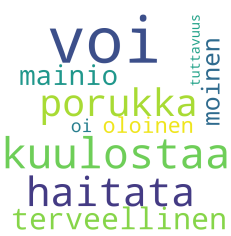


Topic 45





Topic 46



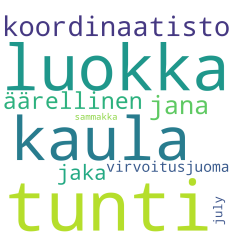
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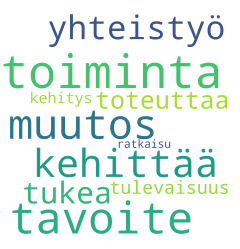
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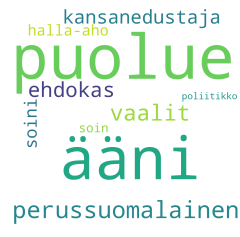
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Topic 50



Topic 51



Topic 52



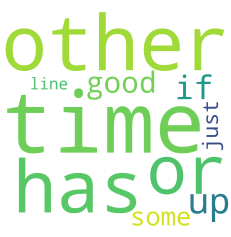
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Topic 54



Topic 55



Topic 56



Topic 57



Topic 58



Topic 59



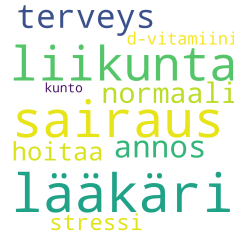
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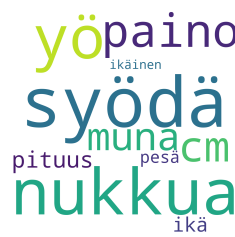
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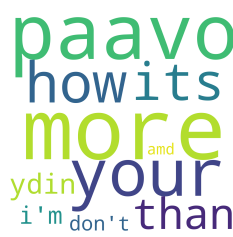
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Topic 64



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Topic 66



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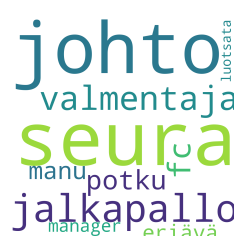
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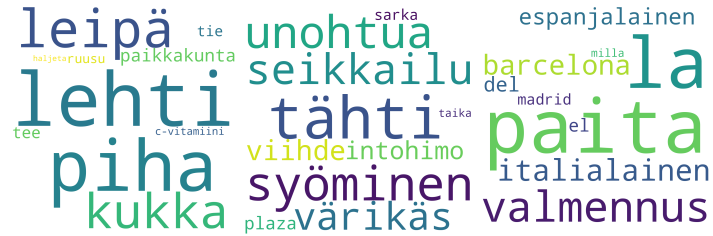
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Topic 77



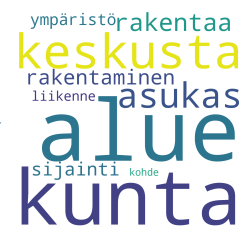
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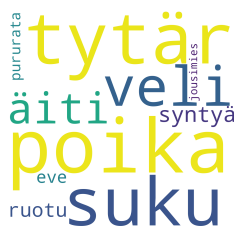
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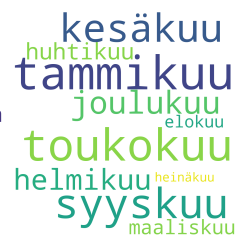
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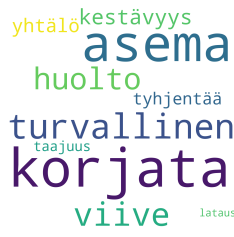
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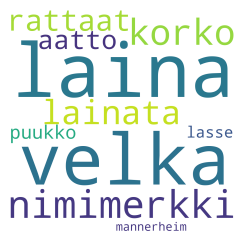
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Topic 100



Topic 101



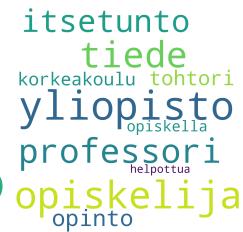
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Topic 104



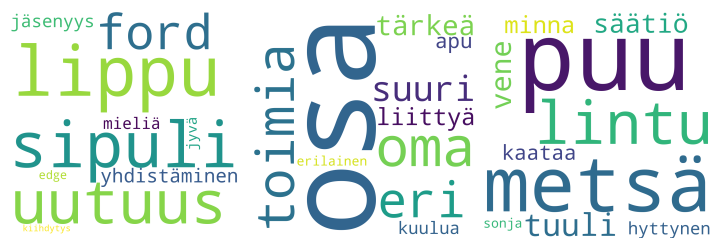
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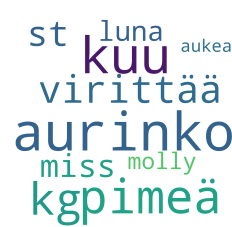
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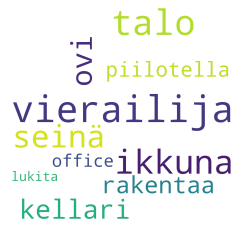
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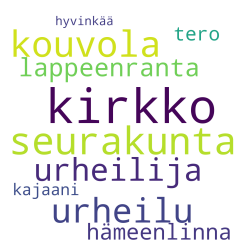
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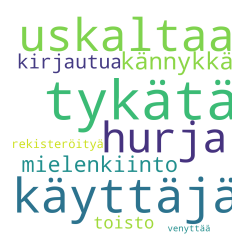
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Topic 126



Topic 127



Topic 128



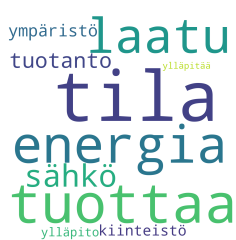
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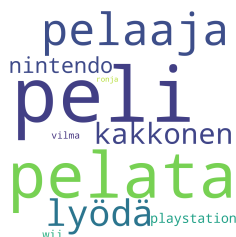
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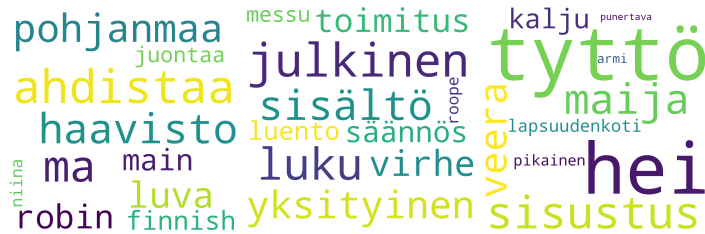
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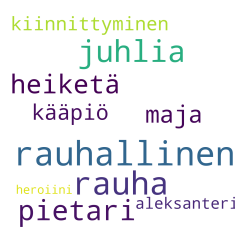
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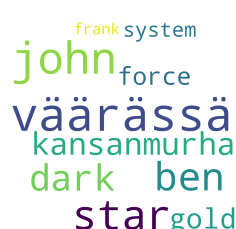
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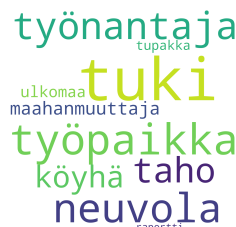
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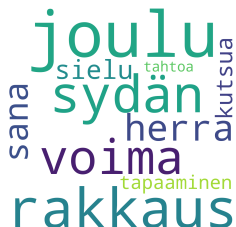
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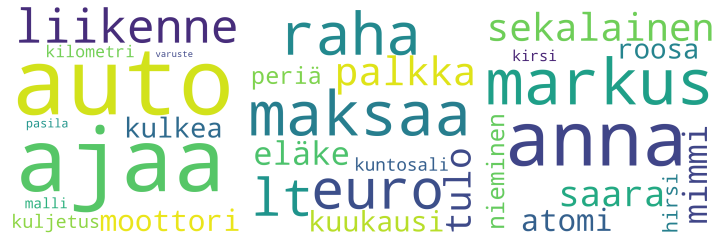


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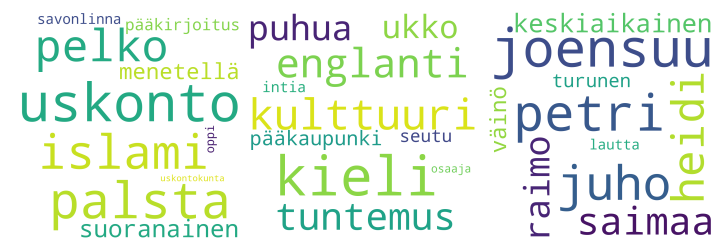




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