

Electronic database of parliamentary elections results in all Slovak municipalities from 1929 until 2016. Database: Instructions for Use

This manual contains instructions and comments for use of a database that includes competency parliamentary elections results in all – former or present – Slovak municipalities between the years 1929 and 2016. The database consists of more than 1.5 million cells and depicts a considerable part of history. It is available to public and requires Excel 2007 or SPSS program and a careful perusal of these comments.

1. Instructions and warnings

- The database is available in two formats – in Excel and SPSS (Statistical Package for the Social Sciences). Many agree that Excel is more convenient when searching for individual municipalities and identifying their voting history, while SPSS is especially suitable for calculating means, correlations and other statistical characteristics of the whole data set or its subsets. In order to work with the Excel file (i.e., to search and browse the file and make calculations), Excel 2007 is necessary. The file contains more than 256 columns, which represents the maximum that older Excel versions have accepted.
- 3620 data rows represent almost the same number of municipalities: only with minor exceptions, each row thus corresponds to one municipality. The exceptions are due to the fact that the database includes both Bratislava City and its parts, as well as Košice City and its parts.
- In rows, the municipalities are arranged in alphabetical order according to their present names. However, many municipalities do not exist as separate entities any more – mostly because they were previously incorporated into other municipalities. Such municipalities, arranged alphabetically by their names in the year 1990, can be found in the final part of the database. Municipalities that did not exist in 1990 any more, are sorted by their names in the year 1946, or, by analogy, in 1935, 1930, or 1929. All city parts of Bratislava – including those that existed only in 1930 or 1990 – are located under the Bratislava row. Naturally, those interested in working with the database may arrange the municipalities according to their own preferences. One may then return to the original arrangement by sorting the file by variable *poradie* (order) (or simply by not saving any changes and reopening the file).
- In case of some years (partly in the year 1930 and without exception since 1990), data for both Bratislava and Košice are included twice – once for the whole cities and once for their parts. Such data (e.g., number of valid votes in election X) are thus doubled. This must be kept in mind and before making any calculations, it has to be clear whether the rows *Bratislava* and *Košice* must be kept or filtered out. The latter can be done by using variable *typobce* (type of municipality) (1 = city parts of Bratislava and Košice; 3 = cities of Bratislava and Košice as wholes; 2 = other Slovak municipalities). Without filtering out the rows, nationwide numbers of votes would be erroneously increased due to „another Bratislava“ and „another Košice“. More detailed instructions on when to work with the whole dataset (i.e., including the rows Bratislava City and Košice City) and when not can be found below – in the section on testing the database.
- Time series of data for the period 1929 – 2016 have required to follow each municipality's identity. Major difficulties in achieving this goal were caused by massive – especially postwar – renaming of municipalities, which was often „total“. After all, we succeeded in identifying both older and more recent names, as well as returns to former names. However, the issue of the municipalities' identity is not related only to their names. During the entire period of 1929 – 2016, only a part of the municipalities existed as separate entities. While some, for a variety of reasons, existed only during the first years, others were

established as separate entities only later or lost their autonomy after certain period of time and then gained it again. Such changes were brought about primarily by processes of integration, mergence, and separation of municipalities, as well as by floods caused by a dam, creation of military territories, postwar relinquishment of municipalities to the USSR, etc.

- A column *biografia obce* (municipality's biography) (*note2916* in the SPSS file) contains a lot of basic information (in Slovak) about the municipalities' „stories“ during the period, e.g., about the processes of their mergence or separation. When searching for the information, a publication by M. Majtán (written in Slovak) was the best aid for me; I recommend you to use it for checking or finding additional information.

- The data in the database are presented in absolute values.

- In elections 1929, 1935, and 1946, so-called „commanded municipalities“ were widely present. In such cases, electoral votes of a municipality were not included in its records, but administratively belonged to a nearby municipality. Such redirections are included in variables (i.e., columns) *obec29* (municipality29), *obec35* (municipality35), *obec46* (municipality46), *poznámka46* (note46), as well as in *biografia obce*. To a lesser extent, this happened also in the election in 1990, although the term „commanded municipalities“ was not used. For the year 1990, there is no official list of municipalities that did not have their own electoral records (due to inclusion of the votes in nearby municipalities' results). Therefore, although all „included“ and „receiving“ municipalities were identified for the election in 1990, such affiliations are presented only as probable. They were identified with the assistance of maps and logical data analysis (i.e., by comparing the numbers of registered voters in the elections 1990 and 1992). In problematic cases, mayors or other people from local governments were contacted to verify our assumptions – our thanks for providing the information thus belong to them.

- In 1929 and 1935, several political parties stood for elections only in some electoral regions. In such cases, not standing for elections is marked separately for the respective municipalities in a region / regions as an impossibility to vote (and not by assigning the zero value).

- In 1929 and 1935, six municipalities in the district of Užhorod belonged to the XXth electoral region (Košice) and thus historically participated in the electoral results of Slovakia. However, census data from the year 1930 do not record distribution of nationalities and religions in these municipalities.

- In 1946, several municipalities from the former district of Veľké Kapušany were administratively assigned to the USSR. Conversely, one municipality from the USSR was returned back to the Czechoslovakia and now belongs to the Slovak district of Sobrance. In the interwar First Czechoslovak Republic, it was located in the district of Užhorod and in the XXIInd electoral region (Užhorod). Since the municipality's electoral results in the years 1929 and 1935 did not belong to the electoral statistics of the „Slovak country“ at that time, they are not included in the database.

- There are several variables directly related to municipalities (*obec 1929* (municipality 1929), *obec 1930* (municipality 1930), ..., *obec 2016* (municipality 2016) and others related to the municipalities' (or their territories') administrative affiliation with districts or regions (*okres 1929* (district 1929), *okres 1930* (district 1930), ..., *okres 2016* (district 2016), *kraj 1996* (region 1996), *kraj 2016* (region 2016)).

However, there is a difference between the two groups of variables, which has to be kept in mind. The names of municipalities are included in the database only for those years when they existed as separate entities. On the contrary, information about respective district and/or region is present even in a case a municipality did not exist at that time (i.e., it was merged into another municipality, flooded by a dam, etc.). In such cases, the determination of the respective district/region was based on territory identification. This was done mostly in accordance with district (or regional) affiliation of a „municipality of target inclusion“ or a „home municipality“. The purpose of the complete identification of the affiliated regions is to link together electoral results from various historical periods and from various administrative demarcation of districts (time link of the results is the most perfect on the regional level), which can then be used in analyses.

▪Variable *z30do16* (from30to16) contains information about several hundreds of municipalities that existed separately in 1930's and 1940's, but not later (e.g., in 2016). Here you can find out in which present-day municipalities to search for their traces.

▪Explanations of some variables:

obyv population; followed by year

cobcea municipality's number in the respective district

typobce..... 1 = city parts of Bratislava (BA) and Košice (KE), 3 = Bratislava City, Košice City, 2 = other municipalities

vobce size categories of municipalities: 1 = up to 199 inhabitants, 2 = 200-499 inhab., 3 = 500-999, 4 = 1,000-1,999, 5 = 2,000-4,999, 6 = 5000-9,999, 7 = 10,000-19,999, 8 = 20,000-49,999, 9 = 50,000-99,999, 10 = more than 100,000 inhabitants

cokres a district's code; followed by year

ckraja a region's code; followed by year

cs30 Czechoslovak nationality in the Census 1930

rusi30 number of people with „Russian“ nationality in the Census 1930

ina30 number of people with „other“ nationality in the Census 1930

cudzin30 ... number of foreigners in the Census 1930

inenar other nationalities + unknown nationality; followed by year

slov Slovaks; followed by year

rom Romani people, Gypsies; followed by year

bezvyz no religion; followed by year

vyznez unknown religion; followed by year

rkat Roman Catholics; followed by year

gkat Greek Catholics; followed by year

ecav Lutherans; followed by year

reform Christian Reformed Confession; followed by year

pravsl Orthodox Christians; followed by year

jehov Jehovah's Witnesses; followed by year

zidvyz Jewish religion ; followed by year

inebez30 ... other and unknown religion + no religion, 1930

pzv number of registered voters; followed by year

pvo number of ballot envelopes given to voters; followed by year

poo number of received ballot envelopes; followed by year

pph number of valid votes, followed by year

ps90_01 political party in the election in 1990, with assigned number

pvolic29 number of voters, 1929

prazdne number of so-called empty ballots in 1946

**29, *30, *35, *46, *90, *91, *92, *94, *98, *01, *02, *06, *10, *11, *12, *16* *1929, *1930,

**1935, *1946, *1990, *1991, *1992, *1994, *1998, *2001, *2002, *2006, *2010, *2011, *2012, *2016*

pzuc number of people that participated in the elections in 2006, 2010, 2012, 2016

zcudz(iny).. number of votes in the elections in 2006, 2010, 2012, 2016 that were delivered from abroad

osobne number of votes in the elections 2006, 2010, 2012, 2016 that were hand-delivered

2. Elections and participating political parties or coalitions

Election to the Chamber of Deputies of the National Assembly in 1929

No. political party	Abbreviation	Popular, common	Party's name
ps29_01	KSČ	communists	Communist Party of Czechoslovakia – section of the 3 rd Communist International
ps29_02	KKSMNSW	KKS	Provincial Christian-Socialist Party, Hungarian National Party, Spiš German Party
ps29_03	DW29		German Electoral Association
ps29_04	DSDAP	German SocDem	German Social Democratic Workers Party
ps29_05	PaŽ	Poles and Jews	Electoral Association of Polish and Jewish Parties
ps29_07	MZSZM		Provincial Party of Smallholders, Craftsmen, and Workers
ps29_08	ČSNS	national socialists	Czechoslovak National Socialist Party
ps29_10	ČSDSD	social democrats	Czechoslovak Social Democratic Workers Party
ps29_11	JSES	Juriga's people	Juriga's Slovak People's Party
ps29_12	Liga	League	League Against Bound Electoral Slates
ps29_13	ČSND	national democracy	Czechoslovak National Democracy
ps29_14	ČSL	people's party (in Czech slang. <i>lidovci</i>)	Czechoslovak People's Party
S29_15	RSZML	agrarians	Republican Party of Agricultural and Smallholder People
ps29_16	ČSŽOSS	trades'	Czechoslovak Middle-Class Party of Tradesmen and Businessmen
ps29_18	HSES	people's party (in Slovak language <i>ľudáci</i>)	Hlinka's Slovak People's Party

Election to the Chamber of Deputies of the National Assembly in 1935

No. political party	Abbreviation	Popular, common	Party's name
ps35_01	RSZML	agrarians	Republican Party of Agricultural and Smallholder People
ps35_02	ČSDSD	social democrats	Czechoslovak Social Democratic Workers Party
ps35_03	ČSNS	national socialists	Czechoslovak National Socialist Party
ps35_04	KSČ	communists	Communist Party of Czechoslovakia – section of the 3 rd Communist International
ps35_05	ČSL	people's party (in Czech slang. <i>lidovci</i>), Šrámek's people	Czechoslovak People's Party
ps35_06	DSDAP	German SocDem	German Social Democratic Workers Party in the Czechoslovak Republic
ps35_07	AB	autonomists, Hlinka's people	Autonomist Bloc

ps35_08	BdL	Bund	Farmers' League (<i>Bund der Landwirte</i>)
ps35_10	ČSŽOSS	trades'	Czechoslovak Middle-Class Party of Tradesmen and Businessmen
ps35_11	KKSMNSW	KKS	Provincial Christian-Socialist Party, Hungarian National Party, Spiš-German Party, Sudeten German Electoral Bloc
ps35_12	SDP	Henlein's people	Sudeten German Party
ps35_13	NOF	fascists	National Fascist Community
ps35_15	HSD		Economic Party of Debtors of All States
ps35_16	NárSj	Kramář's people	National Union

Election to the National Constituent Assembly in 1946

No. political party	Abbreviation	Party's name
ps46_01	Spráce	Labour Party
ps46_02	DS	Democratic Party
ps46_03	KSS	Communist Party of Slovakia
ps46_04	Sslob	Freedom Party
empty46	empty	empty ballots

Election to the Slovak National Council in 1990

No. political party	Abbreviation	Party's name
ps90_01	SSL	Freedom Party
ps90_02	DS	Democratic Party
ps90_03	ČSS	Czechoslovak Socialist Party
ps90_05	VPN	Public Against Violence
ps90_06	SB	Free Bloc
ps90_08	VDSPR	All People's Democratic Party and Coalition for Republic – Republican Party of Czechoslovakia
ps90_10	KSCČ	Communist Party of Czechoslovakia
ps90_11	SPV	Alliance of Farmers and the Countryside
ps90_12	ESWMK	Együttélés-Spolužitie-Wspólnota-Soužití (<i>Coexistence</i>), Hungarian Christian Democratic Movement
ps90_13	ČSDF	Czechoslovak Democratic Forum
ps90_14	DŮRS	Romani People
ps90_16	SNS	Slovak National Party
ps90_17	KDH	Christian Democratic Movement
ps90_18	SZ	Green Party
ps90_19	HČSP	Movement for Czechoslovak Understanding
ps90_21	SD	Social Democracy

Election to the Slovak National Council in 1992

No. political party	Abbreviation	Party's name
ps92_04	HSD-SMS	Movement for Self-Governing Democracy – Society for Moravia and Silesia
ps92_06	HZSP-SRÚ	Movement for Freedom of Speech – Slovak Republican Union
ps92_07	HZDS	Movement for a Democratic Slovakia
ps92_08	SDE	Party of the Democratic Left
ps92_09	SPI	Labour and Security Party
ps92_11	HZOS	Movement for Liberation of Slovakia
ps92_12	SSL-SNZ	Freedom Party – National Reunion Party
ps92_16	SKDH	Slovak Christian Democratic Movement
ps92_20	MKM-EGY	Hungarian Christian Democratic Movement, Együttélés-Wspólnota-Soužití (<i>Coexistence</i>)
ps92_21	HSS	Movement for Social Justice
ps92_23	SZ	Green Party
ps92_25	KDH	Christian Democratic Movement
ps92_26	ODÚ	Civic Democratic Union
ps92_28	ZPR-RČS	Coalition for Republic – Republican Party of Czechoslovakia
ps92_29	NALI	National Liberals
ps92_30	SZS	Green Party in Slovakia
ps92_32	ROI	Roma Civic Initiative
ps92_34	SDSS	Social Democratic Party of Slovakia
ps92_35	KSS	Communist Party of Slovakia '91
ps92_36	DS-ODS	Democratic Party, Civic Democratic Party
ps92_37	SNS	Slovak National Party
ps92_39	SLS	Slovak People's Party
ps92_40	MPP-MOS	Hungarian Civic Party

Election to the National Council of the Slovak Republic in 1994

No. political party	Abbreviation	Party's name
ps94_01	HZPČS	Movement for Prosperous Czech Republic + Slovakia
ps94_02	SD	Social Democracy
ps94_03	ZRS	Union of the Workers of Slovakia
ps94_04	MK	Hungarian Coalition
ps94_05	SP.VOLBA	Common Choice
ps94_06	DÚ	Democratic Union of Slovakia
ps94_07	SPK	Party Against Corruption – for Order, Work and Money for All Decent Citizen
ps94_08	ZPR-REP	Union for the Republic - Republicans

ps94_09	DS	Democratic Party
ps94_11	NS	New Slovakia
ps94_12	KSS	Communist Party of Slovakia
ps94_13	ROISR	Roma Civic Initiative in Slovak Republic
ps94_14	SNS	Slovak National Party
ps94_15	KDH	Christian Democratic Movement
ps94_16	HZDS-RSS	Coalition Movement for a Democratic Slovakia and Peasant's Party of Slovakia
ps94_17	KSÚ	Christian Social Union
ps94_18	RSDSS	Real Social Democratic Party of Slovaks

Election to the National Council of the Slovak Republic in 1998

No. political party	Abbreviation	Party's name
ps98_01	HZDS	Movement for a Democratic Slovakia
ps98_02	MLHZP	Hungarian People's Movement for Reconciliation and Prosperity
ps98_03	NaAS	National Alternative of Slovakia
ps98_04	SMK	Party of the Hungarian Coalition
ps98_05	NSK	Our Slovakia
ps98_06	B-RRS	B – Revolutionary Workers Party
ps98_07	SOP	Party of Civic Understanding
ps98_08	SDK	Slovak Democratic Coalition
ps98_09	SNS	Slovak National Party
ps98_10	NEI	Independent Initiative of Slovak Republic
ps98_11	SES	Slovak People's Party
ps98_12	HTC	Third Way Movement
ps98_13	SDL	Party of the Democratic Left
ps98_14	KSS	Communist Party of Slovakia
ps98_15	JSP	United Party of Workers of Slovakia
ps98_16	ZRS	Union of the Workers of Slovakia
ps98_17	SNJ	Slovak National Unity

Election to the National Council of the Slovak Republic in 2002

No. political party	Abbreviation	Party's name
ps02_01	SZS	Green Party in Slovakia
ps02_02	SDKÚ	Slovak Democratic and Christian Union
ps02_03	SDPO	Party for the Democratic Rights of Citizens
ps02_04	SDL	Party of the Democratic Left
ps02_05	SMER	SMER (<i>Direction</i>)

ps02_06	HZDS	Movement for a Democratic Slovakia
ps02_07	OKS	Civic Conservative Party
ps02_08	HZD	Movement for Democracy
ps02_09	ROMA	Political Movement of the Roma in Slovakia - ROMA
ps02_10	KSS	Communist Party of Slovakia
ps02_11	SMK	Party of the Hungarian Coalition
ps02_12	KDH	Christian Democratic Movement
ps02_14	ĽS	People's Party
ps02_15	ZRS	Union of the Workers of Slovakia
ps02_16	ĽB	Left-wing Bloc
ps02_17	ANO	Alliance of the New Citizen
ps02_18	B-RRS	B – Revolutionary Workers Party
ps02_19	ŽAR	Woman and Family
ps02_20	SDA	Social Democratic Alternative
ps02_21	SNJ	Slovak National Unity
ps02_22	NOSNP	Independent Civic Party of the Unemployed and the Victims of Pyramid Schemes
ps02_23	SNS	Slovak National Party
ps02_24	ROSA	Workers Party – ROSA
ps02_25	ROISR	Roma Civic Initiative of Slovak Republic
ps02_26	P SNS	True Slovak National Party

Election to the National Council of the Slovak Republic in 2006

No. political party	Abbreviation	Party's name
ps06_01	ĽB	Left-wing Bloc
ps06_02	SOS	Party of Civil Solidarity
ps06_03	Misia 21	Mission 21 – New Christian Democracy
ps06_04	SDL	Party of the Democratic Left
ps06_05	ZRS	Union of the Workers of Slovakia
ps06_06	KDH	Christian Democratic Movement
ps06_07	SLNKO	Slovak National Coalition – Slovak Mutuality
ps06_08	ANO	Alliance of the New Citizen
ps06_09	HZD	Movement for Democracy
ps06_10	SMK	Party of the Hungarian Coalition
ps06_11	SF	Free Forum
ps06_12	OKS	Civic Conservative Party
ps06_13	PS	Prosperity of Slovakia
ps06_14	ĽS-HZDS	People's Party – Movement for a Democratic Slovakia
ps06_15	ASV	Agrarian and Countryside Party
ps06_16	KSS	Communist Party of Slovakia
ps06_17	ĽS	Slovak People's Party
ps06_18	SDKÚ-DS	Slovak Democratic and Christian Union – Democratic Party
ps06_19	SMER	SMER (<i>Direction</i>) – Social Democracy

ps06_20	SNS	Slovak National Party
ps06_21	NÁDEJ	HOPE

Election to the National Council of the Slovak Republic in 2010

No. political party	Abbreviation	Party's name
ps10_01	EDS	European Democratic Party
ps10_02	Únia	Union – Party for Slovakia
ps10_03	SRK	Party of the Roma Coalition
ps10_04	Paliho kapurková	Paliho Kapurková, Cheerful Political Party
ps10_05	SaS	Freedom and Solidarity
ps10_06	SDĽ	Party of the Democratic Left
ps10_07	SMK	Party of the Hungarian Coalition
ps10_08	ĽS-HZDS	People's Party – Movement for a Democratic Slovakia
ps10_09	KSS	Communist Party of Slovakia
ps10_10	SNS	Slovak National Party
ps10_11	ND	New Democracy
ps10_12	ZRS	Union of the Workers of Slovakia
ps10_13	KDH	Christian Democratic Movement
ps10_14	ĽS NS	People's Party – Our Slovakia
ps10_15	SDKÚ-DS	Slovak Democratic and Christian Union – Democratic Party
ps10_16	AZEN	AZEN – Alliance for Europe of the Nations
ps10_17	SMER	SMER (<i>Direction</i>) – Social Democracy
ps10_18	MOST-HID	Most - Hid

Election to the National Council of the Slovak Republic in 2012

No. political party	Abbreviation	Party's name
ps12_01	Zelení	Greens
ps12_02	KDH	Christian Democratic Movement
ps12_03	SDĽ	Party of the Democratic Left
ps12_04	SNS	Slovak National Party
ps12_05	OLaNO	Ordinary People and Independent Personalities
ps12_06	SaS	Freedom and Solidarity
ps12_07	PaS	Law and Justice
ps12_08	Náš kraj	Our Region
ps12_09	SZ	Green Party
ps12_10	ĽSNS	People's Party - Our Slovakia
ps12_11	SMER-SD	SMER (<i>Direction</i>) – Social Democracy
ps12_12	Zmena zdola, DÚ	Change from the Bottom, Democratic Union of Slovakia
ps12_13	NaS - ns	Nation and Justice – Our Party

ps12_14	KSS	Communist Party of Slovakia
ps12_15	SRUS	Party of the Roma Union in Slovakia
ps12_16	MOST - HÍD	Most - Híd
ps12_17	99 %	99 Percent – Civic Voice
ps12_18	ĽS-HZDS	People's Party – Movement for a Democratic Slovakia
ps12_19	+ 1 hlas	party + 1 Vote
ps12_20	SF	We are Doing It for the Children – Free Forum
ps12_21	Obyčajní ľudia	Ordinary People
ps12_22	SDKÚ-DS	Slovak Democratic and Christian Union – Democratic Party
ps12_23	SOSKA	Party of Slovak Citizens
ps12_24	SMK	Party of the Hungarian Coalition
ps12_25	SSS-NM	Free Word Party – Nora Mojsejevova's
ps12_26	SŽS	Union of Self-Employed People of Slovakia

Election to the National Council of the Slovak Republic in 2016

No. political party	Abbreviation	Party's name
ps16_01	TIP	Party TIP
ps16_02	SMS	Party of Modern Slovakia
ps16_03	OLANO - NOVA	Ordinary People and Independent Personalities (OLANO – NOVA)
ps16_04	DS – Ľudo Kaník	Demokrats of Slovakia – Ľudo Kaník
ps16_05	Šanca	Chance
ps16_06	Sme rodina	We are Family – Boris Kollár
ps16_07	SZS	Slovak Green Party
ps16_08	Spoločne za Slovensko	Coalition – Together for Slovakia
ps16_09	MKDA-MKDSZ	Hungarian Christian Democratic Alliance
ps16_10	VZDOR	Resistance – Labor Party
ps16_11	MOST - HÍD	MOST - HÍD
ps16_12	SNS	Slovak National Party
ps16_13	Odvaha	Courage – Great National and Pro-Russian Coalition
ps16_14	KSS	Communist Party of Slovakia
ps16_15	SDKÚ-DS	Slovak Democratic and Christian Union – Democratic Party
ps16_16	SMER-SD	SMER (Direction) – Social Democracy
ps16_17	KDH	Christian Democratic Movement
ps16_18	SKOK!	Slovak Civic Coalition
ps16_19	ĽS NS	Kotleba – People's Party Our Slovakia
ps16_20	#SIET	#Network
ps16_21	SMK-MKP	Party of the Hungarian Community
ps16_22	PD	Direct Democracy Party
ps16_23	SaS	Freedom and Solidarity

3. Elections, errors in data (in the statistical report) and modifications that were done

We identified certain errors in the official data, in particular from the elections in 1929 and 1935.

3. 1. Election in 1929

A) Errors that were found and corrected

* In a published historical statistics from the election in 1929, there was also municipality of Rudník (in the Prešov district) included. However, it is apparent that it was a mistake; in fact, it was Zlatá Baňa (in the Prešov district). The arguments are as follow: firstly, no other reference to the existence of „Rudník in the Prešov district“ was found. There is only municipality of Rudník in the Moldava nad Bodvou district, which is, however, mentioned separately elsewhere. Secondly, while „Rudník in the Prešov district“ is mentioned in the statistics only in 1929 and not in any other year, Zlatá Baňa is included in the years 1930, 1935, 1946, and 1989, but not in the year 1929. Thirdly, numbers of valid votes in „Rudník in the Prešov district“ in 1929 and in Zlatá Baňa in the election in 1935 are close to each other.

* There are 23 Rožňava municipalities in the Košice region; the problems with votes for the People's Party (*Lidovci*) and for the Agrarians are as follows:

a/ Based on the individual municipalities, number of votes for the People's Party (*Lidovci*) and the Agrarians in the Rožňava district is 47 and 1,020, respectively. These sums are correctly indicated in the statistical report for each municipality in the district.

b/ However, with regard to the Košice region as a whole, as well as to its districts or their parts, the sum of votes for the People's Party (*Lidovci*) and the Agrarians is 176 and 891, respectively, which is incorrect. Incidentally, $176 + 891$ is 1,067 in total, which is the same as the sum of the correct numbers 47 and 1,020. Unfortunately, the two incorrect numbers are included also in a review publication *Vol'by do zákonodarných orgánov na území Slovenska 1920 – 2006* [Elections to legislative bodies in Slovakia 1920 – 2006] (published in Bratislava by the Statistical Office of the Slovak Republic in 2008). In comparison with the actual numbers, the Agrarians were thus officially assigned less votes and the People's Party (*Lidovci*) more. In our database, votes for individual municipalities are reported and the political parties thus got 47 and 1,020 votes in total, which is correct.

* Báb Malý, Hlohovec dist., Trnava region: Juriga's People 8 → 3 and Trades' 0 → 2. Sums in rows and columns are now correct (cross-check).

* Bučany, Hlohovec dist., Trnava region: People's Party (*Lidovci*) 36 → 136. Sums in rows and columns are now correct.

* Fornošek, Hlohovec dist., Trnava region: Agrarians 147 → 47. Sums in rows and columns are now correct.

* Merašice, Hlohovec dist., Trnava region: KKS 2 → 6. Sums in rows and columns are now correct.

* Nitra dist., Trnava region: total votes for KSS 1,588 → 1,583. Sums in rows and columns are now correct.

* Orvište Veľké, Piešťany dist., Nové Zámky region: Trades' 5 → 6. Sums in rows and columns are now correct.

* Podbranč, Senica dist., Trnava region: Number of valid votes 672 → 572. Number of voters was 606, the number of valid votes thus could not have been larger. Thanks to the change, sums in rows and columns are now correct.

* Biksard, Trnava dist., Trnava region: no. voters 343 → 434. The originally included number of voters was smaller than the number of valid votes. Moreover, sums in rows and columns for the district are now correct.

- * Dubové Dolné, Trnava dist., Nové Zámky region: Social Democrats 5 → 0. Sums in rows and columns are now correct.
- * Naháč, Trnava dist., Trnava region: no. valid votes 287 → 283. Sums in rows and columns are now correct.
- * Trnava, Trnava dist., Trnava region: Social Democrats 212 → 2,012. Sums in rows and columns are now correct.
- * Bratislava – City, Nové Zámky region: in the summary, data for the region (Nové Zámky) are correct; sums in rows are correct. In another place in the statistical report, there are two errors in a row regarding the City itself. In the database, it is now correct.
- * Šúr Hrubý, Galanta dist., Nové Zámky region: no. valid votes 332 → 322. Sums in rows and columns are now correct.
- * Sums for Galanta dist., Nové Zámky region: Poles and Jews 490 → 480, Trades' 489 → 439. In the statistical report, sums in columns were not correct; sums both in the rows and columns are now correct.
- * Szilas, Komárno dist., Nové Zámky region: Communists 53 → 33. Sums in rows and columns are now correct.
- * Komárno dist., Nové Zámky region: I changed the sum of votes for People's Party (*Lidovci*) 274 → 174. Sums in rows and columns for the district are now correct (in the Nové Zámky region).
- * Hokovce, Krupina dist., Nové Zámky region: KKS 152 → 159. Sums in rows and columns are now correct.
- * Bilka Humence, Malacky dist., Nové Zámky region: Agrarians 85 → 86. Sums in rows and columns are now correct.
- * Helemba, Parkan dist., Nové Zámky region: Juriga's People 11 → 1. Sums in rows and columns are now correct.
- * Kert' na Ostrove, Dunajská Streda dist., Nové Zámky region: no. valid votes 485 → 486. Sums in rows and columns are now correct.
- * Diakovce, Šaľa dist., Nové Zámky region: Trades' 46 → 42. Sums in rows and columns are now correct.
- * Sása, Šamorín dist., Nové Zámky region: Poles and Jews 0 → 1. Sums in rows and columns are now correct.
- * Šamorín, Šamorín dist., Nové Zámky region and Biskupice, Šamorín dist., Nové Zámky region: In order to reach the correct sum of voters in the district (in the Nové Zámky region), I reduced the number of voters in both municipalities by one (i.e., 1,923 → 1,922 and 1,486 → 1,485 respectively). Sums in rows could not have been used to deduce the number of voters, since they indicate number of valid votes.
- * Neporadza Bošanská, Bánovce dist., Turč. Sv. Martin region: no. valid votes 177 → 181. Sums in rows and columns are now correct.
- * Otrhánky, Bánovce dist., Turč. Sv. Martin region: Hlinka's People 99 → 92. Sums in rows and columns are now correct.
- * Bystrica Považská dist., Turč. Sv. Martin region: although the sum of votes for the People's Party (*Lidovci*) is correctly reported for all districts in the region in total (and it is in agreement also with the sum for all municipalities), there was a mistake regarding municipalities in the district (in the Turč. Sv. Martin region). In the database, the correct sum is reported.
- * Bytča Malá, Bytča Veľká dist., Turč. Sv. Martin region: Social Democrats. 28 → 23. Sums in rows and columns are now correct.
- * Predmier, Bytča Veľká dist., Turč. Sv. Martin region: Social Democrats 118 → 113. Sums in rows and columns are now correct.
- * Kubín Vyšný, Dolný Kubín dist., Turč. Sv. Martin region: National Socialists 2 → 1. Sums in rows and columns are now correct.

- * Malatina, Dolný Kubín dist., Turč. Sv. Martin region: no. valid votes 301 → 303. Sums in rows and columns are now correct.
- * Kaľamenová, Turč. Sv. Martin dist., Turč. Sv. Martin region: Social Democrats: 1 → 9. Sums in rows and columns are now correct.
- * Brodno, Mesto Kysucké Nové dist., Turč. Sv. Martin region: Agrarians 2 → 3. Sums in rows and columns are now correct.
- * Lipník, Prievidza dist., Turč. Sv. Martin region: Trades' 16 → 1. Sums in rows and columns are now correct.
- * Chvojnica, Prievidza dist., Turč. Sv. Martin region: no. valid votes 300 → 297. Sums in rows and columns are now correct.
- * Lehota Veľká, Prievidza dist., Turč. Sv. Martin region: Agrarians 7 → 17. Sums in rows and columns are now correct.
- * Nitra Rudno, Prievidza dist., Turč. Sv. Martin region: Agrarians 1 → 7. Sums in rows and columns are now correct.
- * Bela Valašská, Prievidza dist., Turč. Sv. Martin region: Communists 1 → 5. Sums in rows and columns are now correct.
- * Banky, Prievidza dist., Turč. Sv. Martin region: Social Democrats 0 → 2. Sums in rows and columns are now correct.
- * Brusno, Prievidza dist., Turč. Sv. Martin region: Social Democrats. 7 → 8. Sums in rows and columns are now correct.
- * Morovno, Prievidza dist., Turč. Sv. Martin region: DW29 3 → 1. Sums in rows and columns are now correct.
- * Hvozdnica, Nová Baňa dist., Banská Bystrica region: Hlinka's People 257 → 254. Sums in rows and columns are now correct.
- * Majer, Banská Bystrica dist., Banská Bystrica region: Poles and Jews 1 → 0. Sums in rows and columns are now correct.
- * Modrý Kameň dist., Banská Bystrica region: sum for Hlinka's People was changed 804 → 304. In the statistical report, the sums in columns were incorrect, although all sums in rows were correct. Now, everything is OK in the district (in the Banská Bystrica region).
- * Kosorín, Kremnica dist., Banská Bystrica region: Trades' 1 → 0. Sums in rows and columns are now correct.
- * Lót, Vráble dist., Banská Bystrica region: Hlinka's People 218 → 418. Sums in rows and columns are now correct.
- * Levoča dist., Lipt. Sv. Mikuláš region: sum of votes for Trades' should be 32. Although in the statistical report, the number is correctly written for the districts, sum of the votes for all municipalities in the district (in the Lipt. Sv. Mikuláš region) is incorrectly reported as 324. Since the calculation shows only 32 votes in total, the database contains this information.
- * Švábovce, Poprad dist., Lipt. Sv. Mikuláš region: no. valid votes 122 → 172. Sums in rows and columns are now correct.
- * Rožňava dist., Lipt. Sv. Mikuláš region: KKS 859 → 359. Sums in rows and columns are now correct. Moreover, number 359 is reported also in the statistical report in a summary regarding districts.
- * Dúžava, Feledince dist., Košice region: League 1 → 0. Sums in rows and columns are now correct.
- * Feledince, Feledince dist., Košice region: numerous changes! Sum in rows as reported in the statistical report was significantly different from a calculated sum. In comparison with values in the report, many calculated sums of columns regarding the district (in the Košice region) were smaller. It was also discovered that two municipalities that were written close to each other (Dúžava and Feledince) were assigned identical values in 10 cases (electoral subjects nos. 5 to 18), plus Feledince had many more voters than Dúžava. Therefore, it seems that values from a previous row (i.e., that belonged to Dúžava)

were reported also for Feledince. I thus modified the data for Feledince in the cells that were supposed to be incorrectly filled (based on sums in columns for the district (in the Košice region)). Furthermore, I checked the data by crossfooting and they are now correct. This was the most problematic modification I made in the file regarding the year 1929!

* Bôľ, Chlumec Kráľovský dist., Košice region: no. valid votes 366 → 365. Sums in rows and columns are now correct.

* Rátovce Veľké, Chlumec Kráľovský dist., Košice region: no. valid votes 260 → 259. Sums in rows and columns are now correct.

* Zétéň, Chlumec Kráľovský dist., Košice region: no. valid votes 356 → 355. Sums in rows and columns are now correct.

* Obeckov, Modrý Kameň dist., Košice region: no. valid votes 252 → 251. Sums in rows and columns are now correct.

* Vrbovka, Modrý Kameň dist., Košice region: no. valid votes 227 → 277. Sums in rows and columns are now correct.

* Veľké Kapušany dist., Košice region: while in the part concerning municipalities, the sum of valid votes is reported incorrectly, in the summary for districts, it is correct. The database now contains the correct information.

* Čičarovce, Veľké Kapušany dist., Košice region: no. valid votes 652 → 552. Sums in rows and columns are now correct. In addition, before the change was made, number of valid votes was larger than number of voters.

* Košice – City, district of Košice – City, Košice region: Communists. 3,321 → 3,221. For the municipality itself, the information was incorrect. The summary for districts contains correct information. In the database, this has been corrected.

* Čičejovce, Moldava n.B. dist., Košice region: Agrarians 72 → 71. Sums in rows and columns are now correct.

* Jabloncov nad Turnou, Moldava n.B. dist., Košice region: Trades' 4 → 14. Sums in rows and columns are now correct.

* Čarnov, Bardejov dist., Prešov region: People's Party (*Lidovci*) 5 → 50. Sums in rows and columns are now correct.

* Huta Stebnická, Bardejov dist., Prešov region: Poles and Jews 5 → 7. Sums in rows and columns are now correct.

* Lukov nad Topľou, Bardejov dist., Prešov region: National Democracy 222 → 202. Sums in rows and columns are now correct.

* Venecia, Bardejov dist., Prešov region: no. valid votes 98 → 88. Sums in rows and columns are now correct.

* Hanušovce nad Topľou, Giraltovce dist., Prešov region: National Democracy 11 → 32, People's Party (*Lidovci*) 3 → 12. Sums in rows and columns are now correct.

* Rokytov Hum., Humenné dist., Prešov region: National Democracy 151 → 150. Sums in rows and columns are now correct.

* Bunetice, district of Košice – Country, Prešov region: Hlinka's People 7 → 10. Sums in rows and columns are now correct.

* Šemša, district of Košice – Country, Prešov region: National Socialists 0 → 1. Sums in rows and columns are now correct.

* Šariš Veľký, Prešov dist., Prešov region: Social Democrats 174 → 171. Sums in rows and columns are now correct.

* Pichna, Snina dist., Prešov region: no. valid votes 495 → 195. 495 was nonsense, because it was larger than the number of (registered) voters. Thanks to the change, sums in rows and columns are now correct.

* Husák, Sobrance dist., Prešov region: Trades' 3 → 0. Sums in rows and columns are now correct.

- * Krčava. Sobrance dist., Prešov region: National Socialists 8 → 5. Sums in rows and columns are now correct.
- * Dobrá nad Ondavou, Vranov n.T. dist., Prešov region: Trades' 17 → 16. Sums in rows and columns are now correct.
- * Vranov n.T., Vranov n.T. dist., Prešov region: Agrarians 111 → 114. Sums in rows and columns are now correct.
- * Žipov Slovenský, Vranov n.T. dist., Prešov region: Agrarians 129 → 119. Sums in rows and columns are now correct.

B) Errors that were found but were not correctable

Figa and Hortka, Tornaľa dist., Košice region: in case of the former, the sum in the row differs from the sum reported and it is clear that in reality, one subject got one vote more than reported. On the contrary, in the latter case, the same subject got one vote less than reported. Since sums in columns are correct, the error must apply to the same column as in the previous case. However, it is not possible to find out which column it is. No modification of the two small errors was thus done.

Giraltovce dist., Prešov region: the total sum of voters is +1 compared with the statistical report. However, the error cannot be corrected, because it is not possible to ascertain the relevant municipality. Maybe the calculation is just wrong, but the error is included both in the report regarding districts (in the Prešov region) and in the sum regarding municipalities in the district (in the Prešov region).

With regard to electoral regions, in a table that contains results for districts (or their parts), both sums of votes for all participating subjects and the number of valid votes are correct. However, in the first column, there is a problem with the number of voters, which cannot be crosschecked. All calculated total sums of voters in 7 regions differ from figures in the relevant statistical report (at least by 2 and at most by 560). It seems that 7 errors are included in the calculations. Finally, I have drawn on a book on historical electoral results in Slovakia (published by the Statistical Office of the Slovak Republic), which is based on calculated numbers of voters (in districts or their parts) and I have rejected the respective data included in the original statistical report (published in Prague in 1930).

77 errors in circa 59,000 cells were found in the official statistical report I have drawn on.

3. 2. Census in 1930

Census data from the year 1930 lacked 400 people in Záhorce municipality (Modrý Kameň dist.) regarding religious distribution in the municipality (in comparison with its total population). This value was added to the number of people that belonged to the Lutheran Church of the Augsburg Confession – the number reported in the database is thus 492 instead of 92. The fact that the sum of people belonging to any of the religious categories (including the „no religion“ category) is now the same as the total population in the municipality, serves as the main argument for the modification. Moreover, there were relatively large numbers of people belonging to the Evangelic Church reported in the municipalities in the Modrý Kameň district – only in the case of Záhorce, the number was significantly smaller (92).

3.3. Election in 1935

In several cases, due to discrepancies between calculated data on one side and the original and published statistical report on the other side, the following modifications were done:

Electoral region	District	Municipality	Modification
Trnava	Nitra	Ivanka pri Nitre	National Fascist Community had 3 votes, 27 votes were missing regarding sums in row and column for the district; the number was changed to 30; everything is now OK
Trnava	Trnava	Krupá Dolná	I subtracted 100 votes from no. valid votes (<i>pph</i>) (1,002 instead of 1,102) and I added one vote to German SocDem (1 instead of 0); they are now in accordance with sums for rows and columns (for the district in the region). I also checked it (and other cases as well) by comparing the data with aggregate results for districts (in regions).
Nové Zámky	Galanta	Béla Maďarská	<i>pph</i> now 799 instead of 789, following the calculated “total”
Nové Zámky	Galanta	Diosek Veľký	<i>pph</i> 1,904 instead of 1,905, following the calculated “total”
Nové Zámky	Modrý Kameň	Kesihovce	votes for Czechoslovak Social Democrats (85 instead of 82). Rows and columns for the “district”, as well as <i>pph</i> are now OK.
Nové Zámky	Modrý Kameň	Širákov	<i>pph</i> 184 instead of 185
Nové Zámky	Modrý Kameň	Trebušovce	<i>pph</i> now 186 instead of 185, both municipalities and everything else in the “district” is now OK, following the sums in rows and columns
Nové Zámky	Malacky	Závod	<i>pph</i> 953 instead of 3. Crossfooting is now OK
Nové Zámky	Nitra	Pogranice	National Socialists 1 vote instead of 21. Crossfooting is now OK.
Nové Zámky	Parkan	Búč	<i>pph</i> 924 instead of 923 (following the crossfooting)
Nové Zámky	Parkan	Farnad	<i>pph</i> 1,352 instead of 1,353 (following the crossfooting). Now, everything is OK.
Nové Zámky	Parkan	Két’	votes for Agrarians 108 instead of 118, following the crossfooting. Now, everything is OK.
Nové Zámky	Želiezovce	Ondrejovce	<i>pph</i> 444 instead of 144, following the crossfooting
Turč. Sv. Martin	Bytča	Maršová	1 vote for KKS (1 instead of 0), following the crossfooting
Turč. Sv. Martin	Topoľčany	Nedanovce	<i>pph</i> z 310 na 370, following the crossfooting
Turč. Sv. Martin	Trenčín	Soblahov	votes for Autonomist Bloc 447 instead of 477, following the crossfooting
Turč. Sv. Martin	Trenčín	Štvrtok	votes for Agrarians 96 instead of 27 and votes for National Socialists 27 instead of 0 - following the crossfooting.
Banská Bystrica	Krupina	Dražovce	votes for Autonomist Bloc 29 instead of 89, following the crossfooting
Banská Bystrica	Krupina	Terany Dolné	votes for Autonomist Bloc 63 instead of 163, following the crossfooting
Banská Bystrica	Krupina	Moravce Kostolné	votes for G. SocDem 1 instead of 0, following the crossfooting
Banská Bystrica	Krupina	Nemce	votes for G. SocDem 1 instead of 0, following the crossfooting
Banská Bystrica	Krupina	Rykynčice Dolné	votes for G. SocDem 1 instead of 0, following the crossfooting
Banská Bystrica	Krupina	Senohrad	votes for G. SocDem 1 instead of 0, following the crossfooting
Banská Bystrica	Zl. Moravce	Žikava	votes for Agrarians 44 instead of 48, following the crossfooting
Banská Bystrica	Zvolen	Sielnica	<i>pph</i> 410 instead of 419, following the crossfooting
Lipt. Sv. Mikuláš	St. Ľubovňa	Litmanová	votes for KKS 1 instead of 0, following the crossfooting
Lipt. Sv. Mikuláš	Revúca	Ploské	votes for Autonomist Bloc 5 instead of 6, following the crossfooting
Lipt. Sv. Mikuláš	Ružomberok	Sliače	votes for Cz. Social Democrats 62 instead of 6, following the crossfooting

Lipt. Sv. Mikuláš	Ružomberok	Turík	votes for Cz. Social Democrats 2 instead of 0, following the crossfooting
Lipt. Sv. Mikuláš	Rimavská Sobota	Zdychava Ratkovská	votes for National Union 1 instead of 0, following the crossfooting
Košice	Kráľ. Chlumec	Perbeník	votes for Communists 53 instead of 54, following the crossfooting
Košice	Kráľ. Chlumec	Szentes	votes for Communists now 197 instead of 194, following the crossfooting
Prešov	Giraltovce	Harhaj	votes for Agrarians 16 instead of 116, following the crossfooting
Prešov	Giraltovce	Hermanovce	<i>pph</i> 247 instead of 274, following the crossfooting
Prešov	Košice-vonkov	Opátske Vyšné	votes for National Socialists 3 instead of 2, following the crossfooting
Prešov	Medzilaborce	Ňagov	<i>pph</i> 183 instead of 185, following the crossfooting
Prešov	Medzilaborce	Výrava	<i>pph</i> 194 instead of 195, following the crossfooting
Prešov	Michalovce	Kaluža	votes for National Union 1 instead of 0, following the crossfooting
Prešov	Michalovce	Petrovce	votes for National Union 1 instead of 0, following the crossfooting
Prešov	Michalovce	Topoľany	votes for Autonomist Bloc 33 instead of 43, following the crossfooting
Prešov	Prešov	Nemcovce	<i>pph</i> 163 instead of 136, following the crossfooting
Prešov	Prešov	Kendice	votes for People's Party (<i>Lidovci</i>) 2 instead of 3, following the crossfooting
Prešov	Sabinov	Kriviany	votes for Cz. Social Democrats 26 instead of 46, following the crossfooting
Prešov	Stropkov	Gribov	votes for National Socialists 0 instead of 9, they were transferred to Communists (adjacent column, 9 instead of 0). Reasoning: since sums in columns for the regional part of the district differed by +9 and -9, and sums in rows were OK, the error must have applied to one and only municipality (in a row). In addition, the two columns are adjacent. I chose the best alternative for the modification, i.e., the original figures 9 and 0 were changed to 0 and 9. Furthermore, the majority of municipalities in the district has markedly higher number of votes in the "augmented" column. Now, everything is OK.
Prešov	Trebišov	Kašov	votes for Communists 0 instead of 3, votes for People's Party (<i>Lidovci</i>) 3 instead of 0 (in the adjacent cell). Sums in columns for the regional part of the district originally differed by +3 and -3, now everything is OK. Since sums in rows were OK, the error must have applied to one and only municipality. I chose the only municipality that got 3 and 0 votes respectively, which was then reasonably changed to 0 and 3 votes.
Prešov	Vranov n.T.		4 sums in the district (in the Prešov region) were not correct and the sum in the row differed by one vote. The modification, which was then done based on correct sums in columns, is as follows: National Socialists 85 → 81, Communists 995 → 973, Cz. People's Party 445 → 471, and KKS 58 → 59. With regard to the National Union, a correct sum of 397 votes is included in the statistics for municipalities, but 398 votes are reported in case of districts in the region. The correct number of 397 votes was kept.

Furthermore, several errors were not correctable, since it was not possible to find out which values are wrong. **In such cases, no modifications were done and the original errors are included in the database.**

Electoral region	District	Municipality	Discrepancy
Nové Zámky	Galanta	Matka Božia	sum in row +17
Nové Zámky	Galanta	Nádseg	sum in row -16
Nové Zámky	Galanta	Nekyje Čierne	sum in row +7
Nové Zámky	Galanta	Réca	sum in row -9
Nové Zámky	Galanta	sum in column for National Socialists	-1
Turč. Sv. Martin	Turč. Sv. Martin	sum in column for Trades' and KKS	+1 and -1
Turč. Sv. Martin	Trenčín	Adamovce, M. Bierovce	sum in row -4
Turč. Sv. Martin	Trenčín	Hanzlíková	sum in row +6
Turč. Sv. Martin	Trenčín	Opatová	sum in row -1
Turč. Sv. Martin	Trenčín	sums in the district for National Socialists, Communists and People's Party (<i>Lidovci</i>)	+8, -7, -5
Prešov	Sobrance	Kolibabovce	sum in row -5
Prešov	Sobrance	Koromľa	sum in row -5
Prešov	Sobrance	Tašola	sum in row -5
Prešov	Sobrance	sums in the district for Autonomist Bloc and KKS; errors apply to municipalities Kolibabovce, Koromľa and Tašola, but it is not clear to which should be added and from which subtracted.	-10, -5

3.4. Election in 1990

Olšavka municipality (in Spiš): its actual votes were probably included in the statistics for Spišské Vlchy. The arguments are as follows: firstly, this was confirmed by phone by the mayor of Olšavka; secondly, an analysis of the number of registered voters in Olšavka and surrounding municipalities in the elections in 1990 and 1992 does not suggest any other alternative (including the fact that Dúbrava, which is situated nearby, was probably assigned votes from Harakovce). An argument against the hypothesis is as follows: a former head of the municipal office in Spišské Vlchy informed by phone that in that year, there were no votes from other municipalities included in the statistics of Spišské Vlchy. However, the number of registered voters in Spišské Vlchy significantly decreased between the years 1990 and 1992, although its population was on the increase at that time.

4. Bibliography

Berčík, P. – Lovecký, P.: *Územné zmeny obcí v SR od roku 1990* [Territorial changes of municipalities in the Slovak Republic since 1990]. Bratislava, Ministry of Interior of SR (Department of Public Administration) 2003.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XV. (Trnava) [Global report on results of election to the Chamber of Deputies in 1929, region XV. (Trnava)]. Prague, State Printing Office in Prague 1930. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XVI. (Nové Zámky) [Global report on results of election to the Chamber of Deputies in 1929, region XVI. (Nové Zámky)]. Prague, State Printing Office in Prague 1930. 27 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XVII. (Turč.sv.Martin) [Global report on results of election to the Chamber of Deputies in 1929, region XVII. (Turč. sv. Martin)]. Prague, State Printing Office in Prague 1930. 37 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XVIII. (Báňská Bystrica) [Global report on results of election to the Chamber of Deputies in 1929, region XVIII. (Báňská Bystrica)]. Prague, State Printing Office in Prague 1930. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XIX. (Lipt.sv.Mikuláš) [Global report on results of election to the Chamber of Deputies in 1929, region XIX. (Lipt. sv. Mikuláš)]. Prague, State Printing Office in Prague 1930. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XX. (Košice) [Global report on results of election to the Chamber of Deputies in 1929, region XX. (Košice)]. Prague, State Printing Office in Prague 1930. 27 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1929, v kraji XXI. (Prešov) [Global report on results of election to the Chamber of Deputies in 1929, region XXI. (Prešov)] Prague, State Printing Office in Prague 1930. 47 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XV. (Trnava) [Global report on results of election to the Chamber of Deputies in 1935, region XV. (Trnava)]. Prague, Printing Office "Novina" 1935. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XVI. (Nové Zámky) [Global report on results of election to the Chamber of Deputies in 1935, region XVI. (Nové Zámky)]. Prague, Printing Office "Novina" 1935. 27 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XVII. (Turč.sv.Martin) [Global report on results of election to the Chamber of Deputies in 1935, region XVII. (Turč. sv. Martin)]. Prague, Printing Office "Novina" 1935. 39 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XVIII. (Banská Bystrica) [Global report on results of election to the Chamber of Deputies in 1935, region XVIII. (Banská Bystrica)]. Prague, Printing Office "Novina" 1935. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XIX. (Lipt.sv.Mikuláš) [Global report on results of election to the Chamber of Deputies in 1935, region XIX. (Lipt. sv. Mikuláš)]. Prague, Printing Office "Novina" 1935. 25 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XX. (Košice) [Global report on results of election to the Chamber of Deputies in 1935, region XX. (Košice)]. Prague, Printing Office "Novina" 1935. 27 pp.

Celkový přehled výsledků volby do Poslanecké sněmovny v roce 1935 v kraji XXI. (Prešov) [Global report on results of election to the Chamber of Deputies in 1935, region XXI. (Prešov)]. Prague, Printing Office "Novina" 1935. 47 pp.

Databáza výsledkov hlasovania vo voľbách do SNR 8. - 9.6. 1990 podľa obcí [Database of results of election to the Slovak National Council, June 8-9, 1990, by municipalities]. Bratislava, Slovak Statistical Office 1990.

Databáza výsledkov hlasovania vo voľbách do NR SR 30.9. a 1 10.1994 podľa obcí [Database of results of election to the National Council of the Slovak Republic, September 30 and October 1, 1994, by municipalities]. Bratislava, Statistical Office of the Slovak Republic 1994.

Databáza výsledkov hlasovania vo voľbách do NR SR, 25. - 26.9.1998 podľa obcí [Database of results of election to the National Council of the Slovak Republic in all municipalities, September 25-26, 1998]. Bratislava, Statistical Office of the Slovak Republic 1998.

Databáza výsledkov hlasovania vo voľbách do NR SR 20. - 21.9.2002 podľa obcí [Database of results of election to the National Council of the Slovak Republic in all municipalities, September 20-21, 2002]. Bratislava, Statistical Office of the Slovak Republic 2002.

Databáza výsledkov hlasovania vo voľbách do NR SR, 17.6.2006 podľa obcí [Database of results of election to the National Council of the Slovak Republic, June 17, 2006, by municipalities]. Bratislava, Statistical Office of the Slovak Republic 2006.

Databáza výsledkov hlasovania vo voľbách do NR SR, 12.6.2010 podľa obcí [Database of results of election to the National Council of the Slovak Republic, June 12, 2010, by municipalities]. Bratislava, Statistical Office of the Slovak Republic 2010.

Databáza výsledkov hlasovania vo voľbách do NR SR, 10.3.2012 podľa obcí [Database of results of election to the National Council of the Slovak Republic, March 10, 2012, by municipalities]. Bratislava, Statistical Office of the Slovak Republic 2012.

Databáza výsledkov hlasovania vo voľbách do NR SR, 5.3.2016 podľa obcí. [Database of results of election to the National Council of the Slovak Republic, March 5, 2016, by municipalities] Bratislava, Statistical Office of the Slovak Republic 2016.

<http://maps.google.com>

Majtán, M.: *Názvy obcí Slovenskej republiky (Vývin v rokoch 1773 – 1997)* [Names of municipalities in Slovak Republic (Development between 1773 and 1997)]. Bratislava, VEDA 1998.

Počet obyvateľov v obciach, okresoch a krajoch SR [Population in municipalities, districts and regions of the Slovak Republic]. Bratislava, Statistical Office of the Slovak Republic 1997.

Retrospektívny lexikon obcí ČSSR 1850 – 1970. Diel II: Abecedný prehľad obcí a častí obcí v rokoch 1850 – 1970. Zväzok 2: Slovenská socialistická republika [Retrospective lexicon of municipalities in the Czechoslovak Socialist Republic 1850 – 1970. Volume II: Alphabetical overview of municipalities and their parts between 1850 and 1970. Part 2: The Slovak Socialist Republic]. Prague, FSÚ 1978.

Sčítanie obyvateľov, domov a bytov 1991. Zloženie obyvateľstva podľa národnosti a podľa vierovyznania (výsledky podľa obcí) [Population and Housing Census 1991. Population structure by nationality and religion (results by municipalities)]. Bratislava, Slovak Statistical Office 1992.

Sčítanie obyvateľov, domov a bytov 2001. Zloženie obyvateľstva podľa národnosti a podľa vierovyznania (výsledky podľa obcí) [Population and Housing Census 2001. Population structure by nationality and religion (results by municipalities)]. Bratislava, Statistical Office of the Slovak Republic 2002.

Sčítanie obyvateľov, domov a bytov 2011. Zloženie obyvateľstva podľa národnosti a podľa vierovyznania (výsledky podľa obcí) [Population and Housing Census 2011. Population structure by nationality and religion (results by municipalities)]. Bratislava, Statistical Office of the Slovak Republic 2012.

Štatistický lexikon obcí v Republike Československej. Časť III. - krajina Slovenská [Statistical lexicon of municipalities in the Czechoslovak Republic. Volume III – Slovak country]. Prague, Orbis 1936.

Vlastivedný slovník obcí na Slovensku [Homeland dictionary of municipalities in Slovakia]. Prepared by Encyclopaedic Institute of SAS. Bratislava, Veda 1977, Volumes. I. – III.

Voľby do SNR. Výsledky hlasovania podľa obcí. Diel I., II [Election to the Slovak National Council. Results by municipalities. Volumes I. and II.]. Bratislava, Slovak Statistical Office 1992.

Voľby do Ústavodarného Národného zhromaždenia dňa 26. mája 1946. Zprávy Státního úřadu statistického Republiky Československé, ročník XXVII, 1946. [Election to the National Constituent Assembly, May 26, 1946. Report of the State Statistical Office of the Czechoslovak Republic, Volume XXVII, 1946]. Edited by the State Statistical Office, Prague 1947, at their own expense – in commission in bookstore Bursík a Kohout, Prague, Printing office „Práce“ in Prague.

Voľby do zákonodarných orgánov na území Slovenska 1920 – 2006 [Elections to legislative bodies in Slovakia 1920 – 2006]. Bratislava, Statistical Office of the Slovak Republic 2008, 224 pp., printed by VEDA.

5. Database testing

Election in 1929

Before making any calculations, the rows *Bratislava* and *Košice* have to be included

No. political party	Abbreviation	No. valid votes in		Difference
		database	original statistical report and book published by St. Office of SR	
pvolic29	registered voters	1,626,120	1,626,053	+67 (OK, counts in the database are correct)
pph29	valid votes	1,428,030	1,428,030	0
ps29_01	KSČ	152,386	152,385	+1 (OK, counts in the database are correct)
ps29_02	KKSMNSW	226,775	226,776	-1 (OK, counts in the database are correct)

pa29_03	DW29	13,711	13,711	0
ps29_04	DSDAP	4,829	4,829	0
ps29_05	PaŽ	33,674	33,674	0
ps29_07	Orszag	6,894	6,894	0
ps29_08	ČSNS	43,976	43,975	+1 (OK, counts in the database are correct)
ps29_10	ČSDSD	135,495	135,496	-1 (OK, counts in the database are correct)
ps29_11	JSLŠ	5,395	5,395	0
ps29_12	Liga	1,810	1,810	0
ps29_13	ČSND	53,770	53,770	0
ps29_14	ČSL	36,578	36,707	-129 (it is OK, the error was based on the original statistical report, see paragraph no. 2 in the chapter 3.1, “municipalities in the Rožňava district”)
ps29_15	RSZML	278,919	278,790	+129 (it is OK, the error was based on the original statistical report, see paragraph no. 2 in the chapter 3.1, “municipalities in the Rožňava district”)
ps29_16	ČSŽOSS	30,138	30,138	0
ps29_18	HSLŠ	403,680	403,680	0

The largest discrepancy is represented by the total numbers of voters, which are the most difficult to check (as opposed to, e.g., numbers of valid votes, which can be checked through numbers of votes for electoral subjects). In the first instance, the check was done through comparison with total results in districts for each electoral region. The comparison has shown that sums for regions (but not for districts) in the original statistical report are different from sums included in the publication by the Statistical Office of the Slovak Republic (i.e., *Elections to legislative bodies in Slovakia 1920 – 2006*). The error was due to incorrect calculation of results for districts in all regions, which was published in the original statistical report. However, even after modifications, there are discrepancies in all regions between sums in the database (i.e., based on the results in municipalities) and regional sums (i.e., based on the sums for districts) that were included in the original statistical report and in the above-mentioned report published by ŠÚ SR.

Checked numbers of voters, 1929

A	B	C	D	E	F
Region	Database, subtotals for municipalitites	Sums based on sums for districts included in the report	Corrected sums based on sums for districts	Publication published by Št. Office of SR	Difference between B and D (E)
Trnava	243,766	243,773	243,781	243,781	-15
N. Zámky	362,826	362,212	362,772	362,772	+54
Turč. Sv. Martin	283,993	284,089	284,091	284,091	-98
B. Bystrica	182,558	182,472	182,468	182,468	-90
Lipt. Sv. Mikuláš	129,945	129,941	129,949	129,949	-4
Košice	210,666	210,620	210,667	210,667	-1
Prešov	212,366	212,476	212,325	212,325	+41
total	1,626,120	1,625,583	1,626,053	1,626,053	+67

There are discrepancies; sums in the database are correct

Subsequently, I checked the regions. All errors were caused by incorrect counting of municipalities data in sums for districts, which were included in the original statistical report and thus influenced also other figures. However, the principle that data concerning districts, regions, and the whole Slovakia come from electoral data in municipalities (i.e., they are based on people's voting in municipalities) has to be respected. Explanations of specific discrepancies follow.

In the Trnava region, the discrepancy was present in the Piešťany district due to incorrect counting of data in municipalities in the district, which was included in the original statistical report (the correct number of voters is 20,976 instead of 20,991).

In the Nové Zámky region, the discrepancy occurred in the Vráble district and was caused by incorrect counting of results in its municipalities, which was included in the original statistical report (the correct number of voters is 6,210 instead of 6,156).

The most considerable discrepancy in numbers of voters (i.e., 98 voters) was present in the Turčiansky Svätý Martin region, specifically in the Ilava district. In the original statistical report, the sum of 12,240 voters was incorrectly calculated from results in municipalities in the Ilava district. The correct sum of 12,142 voters is included in the database.

In the Banská Bystrica region, the discrepancy was found in the Banská Štiavnica district (the correct number of voters is 12,142 instead of 12,052).

In the Liptovský Sv. Mikuláš region, the number of voters, based on municipalities data in the database, was by four voters more than the number included in the statistical report. Subsequent check of the regional sum, which was based on subtotals in districts, has shown that the statistical report has presented an incorrect sum of 129,941 voters instead of 129,949 voters. The regional sum in the database was thus not by four voters higher, but lower. The discrepancy was then located in the Levoča district (the correct sum is 6,803 instead of 6,807 voters).

In the Košice region, the discrepancy was present in the Užhorod district (six municipalities in the district belonged to the electoral region of Košice) and was caused by incorrect counting of results in municipalities in the district, which was included in the original statistical report (the correct number of voters is 1,098 instead of 1,099).

In the Prešov region, discrepancies were found in the districts Giraltovce (the correct number of voters in 8,076 instead of 8,075), Košice – Country (24,947 instead of 24,927), Sabinov (17,303 instead of 17,300), Stropkov (12,317 instead of 12,292), and Trebišov (19,764 instead of 19,772).

The data concerning the election in 1929 that were included in the database were thus confirmed to be correct.

Similarly, the same procedure (i.e., checking the data firstly through regional sums and subtotals in districts, and then by recounting results in municipalities in the detected district) was applied also to examination of discrepancies in figures regarding four electoral subjects in 1929. In all cases, figures in the electronic database have proved to be correct. With regard to the original statistical report, the errors, which were caused by incorrect data calculations in several districts, were subsequently counted in the sums for districts and then to the „upper“ levels as well. In the same form, they were later incorporated

also into other printed documents concerning electoral statistics. The discrepancies were identified as follows:

- the discrepancy in the number of votes for the Communist was detected in the Košice region and specifically in the Lučenec district – the correct sum is 5,235 instead of 5,234 votes, which was included in the statistical report
- the discrepancy in the number of votes for the KKS was located in the Košice region and the Lučenec district as well – the correct number is 6,297 instead of 6,298
- the discrepancy in the number of votes for the National Socialists was found in the Prešov region, specifically in the Medzilaborce district -. the correct sum of votes is 320 instead of 319
- the discrepancy in the number of votes for the Social Democrats was identified in the Prešov region and the Medzilaborce districts as well – the correct number is 233 instead of 234

Census data in 1930

Before making any calculations, the row *Bratislava* or parts of the city have to be excluded and the row *Košice* included

Indicator	Sum	Comparison with sums included in publication on the Census 1930
obyv30	3,329,793	OK, exactly
cs30	2,345,909	OK, exactly
rusi30	91,079	OK, exactly
nemci30	147,501	OK, exactly
madari30	571,988	OK, exactly
zidia30	65,385	OK, exactly
ina30	32,327	OK, exactly
cudzin30	75,604	OK, exactly
rkat30	2,384,355	OK, exactly
gkat30	213,721	OK, exactly
evav30	400,258	OK, exactly
reform30	145,829	OK, exactly
izrael30	136,737	OK, exactly
inebez30	48,893	The number 48,893, taken as a sum of “other and unknown religion” + “no religion” + “other Evangelic religion than of the Augsburg Confession”, is OK (the number of the “the other Evangelic religion” was 9,813).

Election in 1935

Before making any calculations, the rows *Bratislava* and *Košice* have to be included

No. political party	Abbreviation	No. valid votes in		Difference
		database	original statistical report and book by St. Office of SR	
pph35	No. valid votes	1,625,549	1,625,549	0
ps35_01	RSZML	286,739	286,739	0
ps35_02	ČSDSD	184,389	184,389	0
ps35_03	ČSNS	51,935	51,930	+5 (OK, the sum in the database is correct)
ps35_04	KSČ	210,754	210,785	-31 (OK, the sum in the database is

ps35_05	ČSL	37,510	37,489	correct) +21 (OK, the sum in the database is correct)
ps35_06	DSDAP	5,409	5,409	0
ps35_07	AB	489,631	489,641	-10 (OK, the sum in the database is correct)
ps35_08	BdL	255	255	0
ps35_10	ČSŽOSS	42,002	41,996	+6 (OK, the sum in the database is correct)
ps35_11	KKSMNSW	230,708	230,713	-5 (OK, the sum in the database is correct)
ps35_12	SDP	27,558	27,558	0
ps35_13	NOF	32,609	32,609	0
ps35_15	HSD	546	546	0
ps35_16	NárSj	25,489	25,490	-1 (OK, the sum in the database is correct)

All discrepancies were checked; figures included in the database are correct. The errors in the statistics originated historically due to incorrect counting of results in municipalities. Details of the check follow.

The most considerable discrepancy in numbers of votes for a political party concerned votes for the Communists (ps35_4). A check of data on the level of regions (i.e., comparing subtotals in the database with regional sums both in the original statistical report and in the above-mentioned publication *Elections to legislative bodies in Slovakia 1920 – 2006* by ŠÚ SR) has shown that in five electoral regions, no discrepancy was present. However, discrepancies were found in two other regions – i.e., in the Prešov and Turčiansky Svätý Martin regions – and were represented by 24 and 7 votes, respectively (in both cases, the numbers were higher in the printed documents than in the electronic database). Therefore, I started to check the sums on the level of districts in the two regions. In the Prešov region, the discrepancies were located in the Vranov nad Topľou and Snina districts (and were represented by 22 and 2 votes, respectively). Subsequently, results in all municipalities in the two districts were checked. In the original statistical report, as well as in the publication by ŠÚ SR, the Communists were incorrectly assigned 995 votes in total in the Vranov nad Topľou district – as opposed to 973 votes counted from the same data in our database. Similarly, while the Communists got 1,048 votes in the Snina district (in the Prešov region) according to the figures in the database, both the original statistical report and the publication by ŠÚ SR included incorrect sum of 1,050 votes. The same checking procedure was applied to the Turčiansky Svätý Martin region. The discrepancy of seven votes was located in the Trenčín district and a recount of the votes has shown that the sum in the electronic database is correct, as opposed to the number included in the original statistical report and in the publication by ŠÚ SR.

The same procedure was applied also to examination of other discrepancies in the electoral statistics regarding the election in 1935. In all cases, data included in the electronic database were correct. Except for one case, all errors were due to incorrect counting of data in some districts, which originated in the statistical report and were later incorporated also into other printed documents.

- discrepancies in the numbers of votes for the National Socialists were found in the Nové Zámky region, specifically in the Galanta district (the correct sum is 282 votes), as well as in the Turčiansky Svätý Martin region – in the Trenčín district (the correct number is 808) - and in the Prešov region – in the Snina (153 votes) and Vranov nad Topľou districts (81 votes)

- discrepancies in the numbers of votes for the People's Party (*Lidovci*) were located in the Turčiansky Svätý Martin region, specifically in the Trenčín district (the correct sum is 1,472 votes), and in the Prešov region – in the Vranov nad Topľou district (the correct number of votes is 471)
- a discrepancy in the number of votes for the Autonomist Bloc was found in the Prešov region, specifically in the Sobrance district (the correct sum is 2,854 votes)
- discrepancies in the numbers of votes for the Trades' were present in the Turčiansky Svätý Martin region, specifically in the Turčiansky Svätý Martin and Trenčín districts (the correct numbers of votes are 849 and 1,102, respectively)
- discrepancies in the numbers of votes for the KKS were identified in the Turčiansky Svätý Martin region – in the Turčiansky Svätý Martin district (the correct sum is 442 votes) – and in the Prešov region – in the Sobrance and Vranov nad Topľou districts (the correct numbers of votes are 2,441 and 59, respectively)
- the last discrepancy concerns the number of votes for the National Union and was located in the Prešov region, specifically in the Vranov nad Topľou district. However, the error was not caused by incorrect data counting, it is rather a “transmission error”. More specifically, although the correct sum of 397 votes in all municipalities in the district was present on the district level, an incorrect sum of 398 votes was included on the regional level and thus influenced other figures. The sum included in the database is correct.

Election in 1946

Before making any calculations, the rows *Bratislava* and *Košice* have to be included

Indicator, no. political party	Abbreviation	Sum	Comparison with sums included in original statistical report (A) and with data in publication by ŠÚ SR (B)
pph46		1,612,216	OK, exactly the same as in (A). The sum in (B) is smaller by 17.
ps46_01	Spráce	50,079	OK, exactly the same as in (A). The sum in (B) is larger by 8.
ps46_02	DS	999,622	OK, exactly the same as in (A). The sum in (B) is larger by 28.
ps46_03	KSS	489,596	OK, exactly the same as in (A). The sum in (B) is smaller by 33.
ps46_04	Sslob	60,195	OK, exactly the same as in (A) and (B)
empty46	empty	12,724	OK, exactly the same as in (A). The sum in (B) is smaller by 20.

Note: Sums in the database are exactly the same as in the original statistical report; they just slightly differ from data published in the report by ŠÚ SR

Population in 1991, 1997, 2001 and 2011

Before making any calculations, the rows *Bratislava* and *Košice* (*typobce = 3*) or parts of both cities (*typobce = 1*) have to be excluded

Indicator	Sum	Comparison with data published by the Statistical Office SR, difference
1991		
population	5,274,335	0
Slovaks	4,519,328	0
Hungarians	567,296	0
Romani people	75,802	0
Rusyns	17,197	0

Ukrainians	13,281	0
Czechs/Bohemians	52,884	0
Moravians	6,037	0
Germans	5,414	0
other nationalities	17,096	0
Roman Catholics	3,187,383	0
Greek Catholics	178,733	0
Lutheran Church	326,397	0
Christian Reformed Conf.	82,545	0
Orthodox	34,376	0
Jehovah's Witnesses	10,501	0
Jews	912	0
other religion	20,102	0
no religion	515,551	0
unknown religion	917,835	0
1997		
population	5,387,650	0
2001		
population	5,379,455	0
Slovaks	4,614,854	0
Hungarians	520,528	0
Romani people	89,920	0
Rusyns	24,201	0
Ukrainians	10,814	0
Czechs/Bohemians	44,620	0
Moravians	2,348	0
Germans	5,405	0
other + unknown nationalities	66,765	0
Roman Catholics	3,708,120	0
Greek Catholics	219,831	0
Lutheran Church	372,858	0
Christian Reformed Conf.	109,735	0
Orthodox	503,63	0
Jehovah's Witnesses	20,630	0
Jewish religion	2,310	0
other religion	37,702	0
no religion	697,308	0
unknown religion	160,598	0
2011		
population	5397036	0
Slovaks	4352775	0
Hungarians	458467	0
Romani people	105738	0
Rusyns	33482	0
Ukrainians	7430	0
Czechs/Bohemians	30367	0
Germans	4690	0
Polish nationality	3084	0

Croats	1022	0
Serbs	698	0
Russians	1997	0
Jews	631	0
Moravians	3286	0
Bulgarians	1051	0
other nationalities	9825	0
unknown nationalities	382493	0
Roman Catholics	3347277	0
Lutheran Church	316250	0
Greek Catholics	206871	0
Christian Reformed conf.	98797	0
Orthodox	49133	0
Jehovah's Witnesses	17222	0
Evangelical Methodist Church	10328	0
Christian Congregations	7720	0
Apostles Church	5831	0
Baptist Brethren	3486	0
Seventh-day Adventist Church	2915	0
Brethren Church	3396	0
Jewish religion	1999	0
Old Catholic Church	1687	0
Czechoslovak Hussite Church	1782	0
New Apostolic Church	166	0
Baha'i Church	1065	0
Church of Jesus Christ of the Latter-day Saints	972	0
other religion	23340	0
no religion	725362	0
unknown religion	571437	0

Elections from 1990 to 2016

Before making any calculations, the rows *Bratislava* and *Košice* (*typobce* = 3) or parts of both cities (*typobce* = 1) have to be excluded

Election, indicator, no. political party	Abbreviation	No. valid votes in database	Comparison with data published by ŠÚ SR, difference
1990			
pzv90	number of registered voters	3,622,650	0
pvo90	number of ballot envelopes given to voters	3,455,651	0
poo90	number of received ballot envelopes	3,451,767	0
pph90	number of valid votes	3,377,726	0
ps90_01	SSL	60,041	0
ps90_02	DS	148,567	0
ps90_03	ČSS	1,166	0
ps90_05	VPN	991,285	0
ps90_06	SB	3,326	0

ps90_08	VDSPR	7,023	0
ps90_10	KSC	450,855	0
ps90_11	SPV	85,060	0
ps90_12	ESWMK	292,636	0
ps90_13	CSDF	515	0
ps90_14	DURS	24,797	0
ps90_16	SNS	470,984	0
ps90_17	KDH	648,782	0
ps90_18	SZ	117,871	0
ps90_19	HCSF	13,417	0
ps90_21	SD	61,401	0
1992			
pzv92	number of registered voters	3,770,073	0
pvo92	number of ballot envelopes given to voters	3,174,436	0
poo92	number of received ballot envelopes	3,168,307	0
pph92	number of valid votes	3,082,696	0
ps92_04	HSD-SMS	3,986	0
ps92_06	HZSP-SRÚ	2,103	0
ps92_07	HZDS	1,148,625	0
ps92_08	SDĽ	453,203	0
ps92_09	SPI	29,818	0
ps92_11	HZOS	7,169	0
ps92_12	SSL-SNZ	9,414	0
ps92_16	SKDH	94,162	0
ps92_20	MKM-EGY	228,885	0
ps92_21	HSS	3,411	0
ps92_23	SZ	33,372	0
ps92_25	KDH	273,945	0
ps92_26	ODÚ	124,503	0
ps92_28	ZPR-RCS	10,069	0
ps92_29	NALI	2,500	0
ps92_30	SZS	66,010	0
ps92_32	ROI	18,343	0
ps92_34	SDSS	123,426	0
ps92_35	KSS	23,349	0
ps92_36	DS-ODS	102,058	0
ps92_37	SNS	244,527	0
ps92_39	SLS	9,129	0
ps92_40	MPP-MOS	70,689	0
1994			
pzv94	number of registered voters	3,876,555	0
pvo94	number of ballot envelopes given to voters	2,932,669	0
poo94	number of received ballot envelopes	2,923,265	0
pph94	number of valid votes	2,875,458	0
ps94_01	HZPCS	30,292	0
ps94_02	SD	7,121	0
ps94_03	ZRS	211,321	0
ps94_04	MK	292,936	0

ps94_05	SP.VOLBA	299,496	0
ps94_06	DÚ	246,444	0
ps94_07	SPK	37,929	0
ps94_08	ZPR-REP	1,410	0
ps94_09	DS	98,555	0
ps94_11	NS	38,369	0
ps94_12	KSS	78,419	0
ps94_13	ROISR	19,542	0
ps94_14	SNS	155,359	0
ps94_15	KDH	289,987	0
ps94_16	HZDS-RSS	1,005,488	0
ps94_17	KSÚ	59,217	0
ps94_18	RSDSS	3,573	0
1998			
pzv98	number of registered voters	4,023,191	0
pvo98	number of ballot envelopes given to voters	3,389,346	0
poo98	number of received ballot envelopes	3,385,536	0
pph98	number of valid votes	3,359,176	0
ps98_01	HZDS	907,103	0
ps98_02	MLHZP	6,587	0
ps98_03	NaAS	3,034	0
ps98_04	SMK	306,623	0
ps98_05	NSK	16,192	0
ps98_06	B-RRS	4,391	0
ps98_07	SOP	269,343	0
ps98_08	SDK	884,497	0
ps98_09	SNS	304,839	0
ps98_10	NIE	6,232	0
ps98_11	SLS	9,227	0
ps98_12	HTC	2,515	0
ps98_13	SDL	492,507	0
ps98_14	KSS	94,015	0
ps98_15	JSP	3,574	0
ps98_16	ZRS	43,809	0
ps98_17	SNJ	4,688	0
2002			
pzv02	number of registered voters	4,157,802	0
pvo02	number of ballot envelopes given to voters	2,913,267	0
poo02	number of received ballot envelopes	2,909,998	0
pph02	number of valid votes	2,875,081	0
ps02_01	SZS	28,365	0
ps02_02	SDKÚ	433,953	0
ps02_03	SDPO	6,716	0
ps02_04	SDL	39,163	0
ps02_05	SMER	387,100	0
ps02_06	HZDS	560,691	0

ps02_07	OKS	9,422	0
ps02_08	HZD	94,324	0
ps02_09	ROMA	6,234	0
ps02_10	KSS	181,872	0
ps02_11	SMK	321,069	0
ps02_12	KDH	237,202	0
ps02_14	LS	763	0
ps02_15	ZRS	15,755	0
ps02_16	LB	6,441	0
ps02_17	ANO	230,309	0
ps02_18	B-RRS	2,818	0
ps02_19	ŽaR	12,646	0
ps02_20	SDA	51,649	0
ps02_21	SNJ	4,548	0
ps02_22	NOSNP	26,205	0
ps02_23	SNS	95,633	0
ps02_24	ROSA	8,699	0
ps02_25	ROISR	8,420	0
ps02_26	P SNS	105,084	0
2006			
pzv06	number of registered voters	4,272,517	0
pzuc06	number of participants	2,335,917	0
zcudz06	from abroad	3,427	0
osobne06	in person	2,329,852	0
pph06	number of valid votes	2,303,139	0
ps06_01	LB	9,174	0
ps06_02	SOS	2,498	0
ps06_03	Misia 21	2,523	0
ps06_04	SDL	2,906	0
ps06_05	ZRS	6,864	0
ps06_06	KDH	191,443	0
ps06_07	SLNKO	4,016	0
ps06_08	ANO	32,775	0
ps06_09	HZS	14,728	0
ps06_10	SMK	269,111	0
ps06_11	SF	79,963	0
ps06_12	OKS	6,262	0
ps06_13	PS	3,118	0
ps06_14	LS-HZDS	202,540	0
ps06_15	ASV	3,160	0
ps06_16	KSS	89,418	0
ps06_17	SLS	3,815	0
ps06_18	SDKÚ-DS	422,815	0
ps06_19	SMER	671,185	0
ps06_20	SNS	270,230	0

ps06_21	NÁDEJ	14,595	0
2010			
pzv10	number of registered voters	4,362,369	0
pzucast	number of participants	2,566,779	0
z cudziny	from abroad	5,861	0
osobne	in person	2,558,565	0
pph10	number of valid votes	2,529,385	0
ps10_01	EDS	10,332	0
ps10_02	Únia	17,741	0
ps10_03	SRK	6,947	0
ps10_04	Paliho kapurková	14,576	0
ps10_05	SaS	307,287	0
ps10_06	SDĽ	611,37	0
ps10_07	SMK	109,638	0
ps10_08	ĽS-HZDS	109,480	0
ps10_09	KSS	21,104	0
ps10_10	SNS	128,490	0
ps10_11	ND	7,962	0
ps10_12	ZRS	6,196	0
ps10_13	KDH	215,755	0
ps10_14	ĽS NS	33,724	0
ps10_15	SDKÚ-DS	390,042	0
ps10_16	AZEN	3,325	0
ps10_17	SMER	880,111	0
ps10_18	MOST-HÍD	205,538	0
2012			
pzv12	number of registered voters	4,392,451	0
pzuc12	number of participants	2,596,443	0
zcudz12	from abroad	7,051	0
osobne12	in person	2,587,198	0
pph12	number of valid votes	2,553,726	0
ps12_01	Zelení	7,860	0
ps12_02	KDH	225,361	0
ps12_03	SDĽ	4,844	0
ps12_04	SNS	116,420	0
ps12_05	OLaNO	218,537	0
ps12_06	SaS	150,266	0
ps12_07	PaS	10,604	0
ps12_08	Náš kraj	4,859	0
ps12_09	SZ	10,832	0
ps12_10	ĽSNS	40,460	0
ps12_11	SMER-SD	1,134,280	0
ps12_12	Zmena zdola, DÚ	33,155	0
ps12_13	NaS - ns	16,234	0
ps12_14	KSS	18,583	0

ps12_15	SRÚS	2,891	0
ps12_16	MOST-HÍD	176,088	0
ps12_17	99 %	40,488	0
ps12_18	ĽS-HZDS	23,772	0
ps12_19	+ 1 hlas	779	0
ps12_20	SF	8,908	0
ps12_21	Obyčajní ľudia	4,320	0
ps12_22	SDKÚ-DS	155,744	0
ps12_23	SOSKA	3,836	0
ps12_24	SMK	109,483	0
ps12_25	SSS-NM	31,159	0
ps12_26	SŽS	3,963	0
2016			
pzv16	number of registered voters	4,426,760	0
pzuc16	number of participants	2,648,184	0
zcudz16	from abroad	17,278	0
osobne16	in person	2,628,548	0
pph16	number of valid votes	2,607,750	0
ps16_01	TIP	18,845	0
ps16_02	SMS	4,559	0
ps16_03	OL'ANO - NOVA	287,611	0
ps16_04	DS - Ľudo Kaník	1,998	0
ps16_05	Šanca	6,522	0
ps16_06	Sme Rodina	172,860	0
ps16_07	SZS	17,541	0
ps16_08	Spoločne za Slov.	1,777	0
ps16_09	MKDA-MKDSZ	2,426	0
ps16_10	VZDOR	3,182	0
ps16_11	Most – Híd	169,593	0
ps16_12	SNS	225,386	0
ps16_13	Odvaha	3,428	0
ps16_14	KSS	16,278	0
ps16_15	SDKÚ-DS	6,938	0
ps16_16	SMER-SD	737,481	0
ps16_17	KDH	128,908	0
ps16_18	SKOK!	21,785	0
ps16_19	ĽS NS	209,779	0
ps16_20	SIET'	146,205	0
ps16_21	SMK-MKP	105,495	0
ps16_22	PD	3,595	0
ps16_23	SaS	315,558	0

Checking the preservation of municipalities' identities in rows

The database consists of 3621 data rows; and almost each of them (with the above-mentioned exceptions) corresponds to one municipality. Furthermore, 432 columns serve for the variables in question in the period 1929 – 2016. One of the requirements of the database is to keep data from different time periods that are related to the same municipality in one and the same row. The database was being created by matching data from one time period with data from another period. However, there were three main problems when matching the data: massive historical renaming of municipalities, administrative changes in municipalities (especially their mergence and separation), and technical problems when matching rows from two distinct data files (i.e., a file with „primary“ order of municipalities and a file that was being matched and contained a different order). The likelihood of errors was thus substantial. The checking procedure was being done continually and repeatedly, and it was very time-consuming. However, I decided to apply it also to the final database testing. Although the check of sums in columns, which was presented above, is important, it is not able to detect all changes in rows, e.g., if a column contains all data, but in a different order. A method of checking subtotals in regions and districts is much more contributing. It was thus applied and presented above. Moreover, another data check was done in 2010: in 37 municipalities, which were randomly selected and represent 1 per cent of all municipalities in our database, one or more features (columns, variables) were checked in all time periods. I thus examined names(s) of the municipalities in the different periods, their administrative affiliations with districts and regions, results in the election in 1929, data from the Census 1930, results in the elections in 1935 and 1946, results in the elections to the Slovak National Council in 1990 and 1992, data from the Census 1991 and 2001, as well as results in the elections to the National Council of the Slovak Republic from 1994 until 2010. In other words, the data in the database were compared with the original sources, which were usually available in a printed form. No error was found in the 37 municipalities. In other words, there was no damaging mix of data in rows with data belonging to other municipalities. In this regard, the final check of a few municipalities has improved the reliability of the database.

6. Acknowledgments

Most of the data were issued after the year 1989 and are available to public on the website of the Statistical Office of the Slovak Republic. I am particularly grateful to the **Statistical Office of the Slovak Republic** and especially to **Ing. Mária Šimová** from the Department of Electoral Statistics. She was very helpful in combining results from the individual elections into a broader database, as well as in providing data in times when data publishing has not yet reached its current level. Furthermore, I often asked Ing. Šimová to help me to clarify particular ambiguities and I always got a quick and reasonable reply.

Around 2004, I was convinced that there was no historical record of results in elections in the First Czechoslovak Republic on the level of municipalities. Therefore, I thought statistical results may be analysed only on the level of regions (“regions”, “districts”). Although I first gave up my earlier search for data, I commenced it again later in the form of questioning several people and institutions. A successful hint was mentioned by **RNDr. Tomáš Kostecký, Ph.D.**, a colleague from the Institute of Sociology of the Academy of Sciences of the Czech Republic. Subsequently, I got an unexpected, short, and cheering reply from the **National Archives of the Czech Republic**: “Yes, we have historical statistical publications with the desired data, you may visit us!”. I thus obtained results in municipalities from the elections in 1929, 1935, and 1946 and my project got another – historical – dimension. However, at the same time, new complications, caused by shifts in municipalities' administrative identity and their massive postwar renaming, emerged. Since then, my project has been changed from a socio-technical task to a cultural and historical challenge. My tribute thus belongs to the National Archives of the Czech

Republic for a perfect fulfilment of their function: they preserved the unique data, made them available, and provided them in a comfortable way. For a few years, I communicated with several employees of the National Archives and their professional and humane approach was extremely productive and encouraging for me. I had no negative experience and I am thus grateful to the institution and its employees. I am not able to name all of them, but I would like to thank especially Mrs. Jana Nováková. Furthermore, I would like to emphasise a further point. When communicating with the National Archives, I repeatedly mentioned my deadlines of completion of the database. However, as the deadlines approached and passed, my work was still not finished. Firstly, as I delved into the task, it required more and more time. Secondly, for several months, I worked only on other projects that were either fixed by a contract or institution or more strongly demanded. Therefore, I am glad that in spite of the delay, the employees of the National Archives were still very helpful.

Naturally, historical results of the elections in 1929, 1935, and 1946 (as well as the results of the Census 1930) were available only as printed documents. I thus used an OCR (Optical Character Recognition) program to convert the data into an electronic form, which, however, subsequently required considerable inspection of the data by the author. Although the program often interchanged the number 3 with the number 8 and thus made the inspection more difficult, in general, it enabled me to work faster and with less complications. Therefore, I am grateful to people who helped me with the conversion. Firstly, my colleague **Ing. et Mgr. Miloslav Bahna, Ph.D.** mentioned and tested the technical option. Secondly, **Jarmila Štrbavá** from the Institute for Sociology SAS then converted loads of data from the three elections (and from the Census 1930) into the electronic form and thus helped me to advance to the inspection stage. My thanks belong to both of them.

The database was being created for several years, mostly without any grant and only partially within a project 2/6067/26 supported by the grant agency VEGA (in the years 2006 – 2008). The English translation of the instructions for use was financed from resources of the project APVV 0529-07. The latest update of the database has been supported by the VEGA grant agency within the project no. 2/0007/16 „Elections 1946 and Election 2016 in Slovakia“.

7. Terms of use and way to cite

The author decided to make the database available to public. It can be found on the Slovak Archive of Social Data website (http://sasd.sav.sk/sk/data_katalog_abs.php?id=sasd_2010001) and after registration, one can download it.. On condition that proper citation is kept, it can be used for browsing or analysing the data. The way to cite the source:

Krivý, V.: Elections results in all Slovak municipalities from 1929 until 2016,
http://sasd.sav.sk/sk/data_katalog_abs.php?id=sasd_2010001

The author of the database is not responsible for its improper use by other persons.

8. Goals in the near future

If I am able, I would like to supplement the database with future parliamentary elections results. I will gladly embrace any of your positive or negative experience with the database. I am interested in all complications and errors you encounter when using the database. You may contact me either via mail –

my address is Vladimír Krivý, Sociologický ústav SAV, Klemensova 19, 813 64 Bratislava, Slovakia –,
e-mail – vladimir.krivy@savba.sk –, or via the Slovak Archive of Social Data website –
<http://sasd.sav.sk/sk/>. Thank you in advance!

Bratislava, November 2016

Vladimír Krivý, Ph.D.
author of the database

Version of the database: db29112016 - data from the Parliamentary Elections 2016 have been added.