

Feature Overview

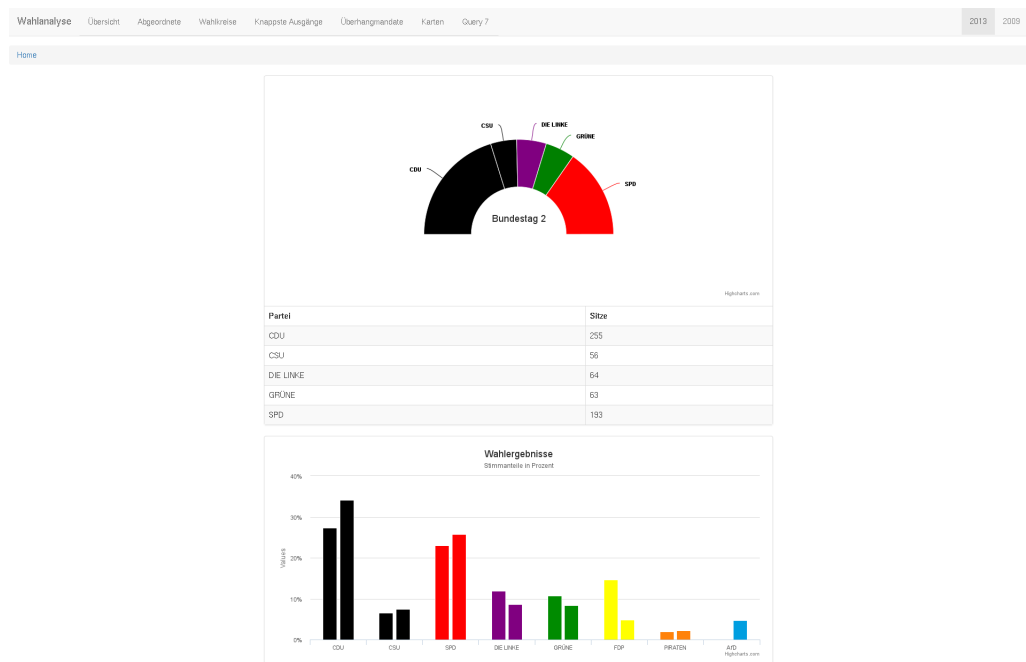
Raul Persa, Lukas Vogel

January 16, 2016

Note: at all times, the displayed election can be changed via the toggle on the top right or by changing the electionID parameter in the URL.

Analysis

Overview



reachable via `/wahlanalyse/<electionID>` or directly via the Übersicht button on the navigation header.

It shows the composition by seats of the chosen election as half donut chart and as table. A bar chart comparing the results with the election before (if available) is also shown.

Abgeordnete

| | | | | | | | | | |
|--------------------|-----------|-------------|------------|-----------------|------------------|--------|---------|------|------|
| Wahlanalyse | Übersicht | Abgeordnete | Wahlkreise | Knappe Ausgänge | Übergangsmandate | Karten | Query 7 | 2013 | 2009 |
| Home » Abgeordnete | | | | | | | | | |

Abgeordnete im Bundestag

| Vorname | Nachname | Partei | Bundesland | Wahlkreis |
|-------------------------|--------------|-----------|---------------------|------------------------------------|
| Jen Paul | Alien van | DIE LINKE | Hamburg | |
| Stephan | Albani | CDU | Niedersachsen | |
| Katrin | Absteiger | CSU | Bayern | |
| Agnes | Alpers | DIE LINKE | Bremen | |
| Peter | Altmaier | CDU | Saarland | Saarlouis |
| Luke | Antberg | GRÜNE | Schleswig-Holstein | |
| Kerstin | Andreas | GRÜNE | Baden-Württemberg | |
| Niels | Annen | SPD | Hamburg | Hamburg-Eimsbüttel |
| Ingrid | Arndt-Brauer | SPD | Nordrhein-Westfalen | |
| Rainer | Arnold | SPD | Baden-Württemberg | |
| Artur Friedrich | Auerhammer | CSU | Bayern | |
| Helke | Bathrens | SPD | Baden-Württemberg | |
| Annelene Charlotte Alma | Bierbeck | GRÜNE | Brandenburg | |
| Ulrike Renate Martina | Bahr | SPD | Bayern | |
| Dorothee | Bär | CSU | Bayern | Bad Kissingen |
| Heinz-Joachim | Bardmann | SPD | Niedersachsen | |

reachable via `/wahlanalyse/<electionID>/abgeordnete` or directly via the Abgeordnete button on the navigation header.

All representatives that won a mandate are listed together with their Bundesland and party (if applicable). If they won a direct mandate, their Wahlkreis is also displayed as hyperlink leading to an overview of the Wahlkreis.

Wahlkreise

| | | | | | | | | | |
|-------------------|-----------|-------------|------------|-----------------|------------------|--------|---------|------|------|
| Wahlanalyse | Übersicht | Abgeordnete | Wahlkreise | Knappe Ausgänge | Übergangsmandate | Karten | Query 7 | 2013 | 2009 |
| Home » Wahlkreise | | | | | | | | | |

Wahlkreise

| Nummer | Name | Gewinner Erststimme | Gewinner Zweitstimme |
|--------|---|---------------------|----------------------|
| 1 | Flensburg – Schleswig | CDU | CDU |
| 2 | Nordfriesland – Dithmarschen Nord | CDU | CDU |
| 3 | Steinburg – Dithmarschen Süd | CDU | CDU |
| 4 | Rendsburg-Eckernförde | CDU | CDU |
| 5 | Kiel | SPD | SPD |
| 6 | Plön – Neumünster | CDU | CDU |
| 7 | Pinnberg | CDU | CDU |
| 8 | Segeberg – Stormarn-Mitte | CDU | CDU |
| 9 | Oxhöften – Stormarn-Nord | CDU | CDU |
| 10 | Herzogtum Lauenburg – Stormarn-Süd | CDU | CDU |
| 11 | Lübeck | SPD | CDU |
| 12 | Schwerin – Ludwigslust-Parchim I – Nordwestmecklenburg I | CDU | CDU |
| 13 | Ludwigslust-Parchim II – Nordwestmecklenburg II – Landkreis Rostock I | CDU | CDU |
| 14 | Rostock – Landkreis Rostock II | CDU | CDU |
| 15 | Vorpommern-Rügen – Vorpommern-Greifswald I | CDU | CDU |
| 16 | Mecklenburgische Seenplatte I – Vorpommern-Greifswald II | CDU | CDU |

reachable via `/wahlanalyse/<electionID>/wk` or directly via the Wahlkreise button on the navigation header.

All constituencies are listed here together with the parties that won the first/second vote. Clicking on a table row leads to an overview of the constituency.

Wahlkreisübersicht

Wahlanalyse

Übersicht

Abgeordnete

Wahlkreise

Knappste Ausgänge

Überhangmandate

Karten

Query 7

2013

2009

Home » Wahlkreis » 251

Kurzübersicht

Name: Esslingen

Wahlbeteiligung: 77.7%

Abgeordneter: Markus Gröbel

| Auswertung Erststimmen | | | | |
|------------------------|-----------|---------|-------------|-----------------------|
| Name | Partei | Stimmen | Stimmanteil | Vergleich zur Vorwahl |
| Markus Gröbel | CDU | 55825 | 51.3% | +7.8% |
| Michael Wechsler | SPD | 32379 | 25.2% | -3.4% |
| Jürgen Menzel | GRÜNE | 14236 | 11.1% | -1.4% |
| Stefan Dreier | DIE LINKE | 4788 | 3.7% | -1.3% |
| Anna Schupack | AID | 3871 | 3.0% | - |
| Marco Hauke | PIRATEN | 2336 | 2.3% | - |
| Stefan Schreckenbauer | FDP | 2474 | 1.9% | -6.8% |
| Eberhard Köhler | REP | 1004 | 0.8% | - |
| Martin Krämer | NPD | 912 | 0.7% | -9.7% |

| Auswertung Zweitstimmen | | | | |
|-------------------------|---------|-------------|-----------------------|--|
| Partei | Stimmen | Stimmanteil | Vergleich zur Vorwahl | |
| CDU | 57598 | 44.8% | +11.2% | |
| SPD | 28205 | 21.9% | +1.2% | |
| GRÜNE | 15483 | 12.0% | -3.6% | |
| FDP | 7859 | 6.1% | -12.3% | |
| DIE LINKE | 5862 | 4.6% | -1.8% | |
| AID | 5835 | 4.5% | - | |
| PIRATEN | 2871 | 2.2% | +0.6% | |
| Tierschutzpartei | 1110 | 0.9% | +0.4% | |
| NPD | 880 | 0.7% | -0.2% | |
| REP | 873 | 0.7% | -0.6% | |
| FREIE WÄHLER | 647 | 0.5% | - | |
| ÖDP | 302 | 0.2% | ±0.0% | |
| RENTNIER | 245 | 0.2% | - | |
| PBC | 165 | 0.1% | -0.1% | |
| Volksabstimmung | 152 | 0.1% | -0.1% | |
| BIG | 143 | 0.1% | - | |
| MLPD | 111 | 0.1% | ±0.0% | |
| VERMUNFT | 89 | 0.1% | - | |
| pro Deutschland | 88 | 0.1% | - | |
| BüSe | 18 | 0.0% | ±0.0% | |

reachable via `/wahlanalyse/<electionID>/wk/<wahlkreisID>` or by clicking on an element in the Wahlkreise list.

The following information is shown:

Kurzübersicht Showing the most important information: Name of the constituency, percent of voters participating and the winning candidate.

Auswertung Erststimmen The electable candidates, their party (if any), votes, percentage of votes and comparison to the previous election (by party).

Auswertung Zweitstimmen The parties with a Landesliste in the Bundesland of the constituency, votes , percentage of votes and comparison to the previous election (if one exists).

Query 7

reachable via `/wahlanalyse/<electionID>/q7/<wahlkreisID>` or directly via the Query7 button on the navigation header.

Shows the same information as the Wahlkreisübersicht but on unaggregated data. To see the result for other constituencies, change the wahlkreisID in the URL.

Knappste Sieger

| | | | | | | | | | |
|------------------------------|-----------|-------------|------------|-------------------|-----------------|--------|---------|------|------|
| Wahlanalyse | Übersicht | Abgeordnete | Wahlkreise | Knappste Ausgänge | Überhangmandate | Karten | Query 7 | 2013 | 2009 |
| Home » Knappste Ausgänge » 7 | | | | | | | | | |

Knappste Ausgänge: PIRATEN

| Name | Wahlkreis | Differenz |
|---------------------------|--|-----------|
| Michael Polte | Prignitz – Ostprignitz-Ruppin – Havelland I | -31482 |
| Therese Lehnien | Berlin-Mitte | -33897 |
| Jürgen Voigt | Uckermark – Barnim I | -35338 |
| Frank Stehert | Brandenburg an der Havel – Potsdam-Mittelmark I – Havelland III – Teltow-Fläming I | -37269 |
| Anne Helm | Berlin-Neukölln | -38434 |
| Martin Hampel | Frankfurt (Oder) – Oder-Spree | -39845 |
| Sascha Kähle | Cottbus – Spree-Neiße | -41412 |
| Kurt Alexander Klein | Duisburg II | -41850 |
| René Schernikau | Altmark | -42145 |
| Fabrizio Martins do Carmo | Berlin-Pankow | -43066 |

reachable via `/wahlanalyse/<electionID>/ks/<partyID>` or directly via the Knappste Ausgänge button on the navigation header.

Showing the closest winners for each party. If no candidate of the party has won a constituency, the 10 closest losers are shown instead. If navigating through the menu or leaving out the partyID, a party has to be chosen first.

Überhangmandate

| | | | | | | | | | |
|------------------------|-----------|-------------|------------|-------------------|-----------------|--------|---------|------|------|
| Wahlanalyse | Übersicht | Abgeordnete | Wahlkreise | Knappste Ausgänge | Überhangmandate | Karten | Query 7 | 2013 | 2009 |
| Home » Überhangmandate | | | | | | | | | |

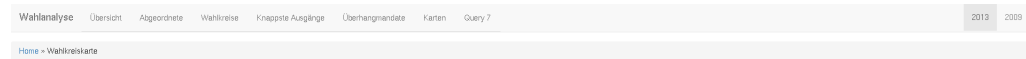
Überhangmandate in Wahl 2

| Bundesland | Partei | Überhangmandate |
|----------------|--------|-----------------|
| Brandenburg | CDU | 1 |
| Saarland | CDU | 1 |
| Sachsen-Anhalt | CDU | 1 |
| Thüringen | CDU | 1 |

reachable via `/wahlanalyse/<electionID>/ueh` or directly via the Überhangmandate button on the navigation header.

All overhang mandates grouped by bundesland and party are shown.

Karten



Reachable via a variety of paths all starting with `/wahlanalyse/<electionID>/wkmap` or directly via the **Karten** button and the subsequent dropdown menus.

An assortment of maps can be shown:

Zweitstimmen → **Wahlkreissieger** shows the party with the most second votes per constituency.

Zweitstimmen → **SomeParty** shows the percentage of votes for the given party in a constituency compared to the best result the party has obtained in this election.

Erststimmen → **Wahlkreissieger** shows the party of the winner of the directmandate (if any).

Erststimmen → **SomeParty** shows the percentage of votes for the candidate

of the given party in a constituency compared to the best result a candidate of this party has obtained in this election.

Beliebtheit des Abgeordneten Shows the popularity of the winning representative. Popularity is determined by the amount of votes a candidate got in comparison to the amount of votes his party got in the second vote. Green is better than average, red worse.

The actual percentage compared to the other constituencies is visualized by the opacity. The opacity is calculated in such a way that the best result is always set at 100% opacity.

Voting

Ballot

Stimmzettel
für die Wahl zum Deutschen Bundestag im Wahlkreis 1 Flensburg – Schleswig
am 02. Sep 2013

Sie haben 2 Stimmen

hier 1 Stimme **hier 1 Stimme**

für die Wahl **eines/einer Wahlkreis-abgeordneten** für die Wahl **einer Landesliste (Partei)**
- maßgebende Stimme für die Verteilung der Sitze insgesamt auf die einzelnen Parteien -

Erststimme **Zweitstimme**

| | | | |
|--------------------------|-----------|----------------------------------|--|
| Brodersen, Carsten-Peter | FDP | <input type="radio"/> | <input type="radio"/> GRÜNE |
| Jezewski, Heinz-Werner | DIE LINKE | <input type="radio"/> | <input type="radio"/> FDP |
| Lindenberg, Nadine | PIRATEN | <input type="radio"/> | <input type="radio"/> SPD |
| Lühr, Marlene | GRÜNE | <input checked="" type="radio"/> | <input type="radio"/> AfD |
| Peddinghaus, Dirk | SPD | <input type="radio"/> | <input type="radio"/> DIE LINKE |
| Pest, Hans-Ulrich | ADP | <input type="radio"/> | <input type="radio"/> CDU |
| Schimmel, Wolfgang | NPD | <input type="radio"/> | <input type="radio"/> MLPD |
| Sütterlin-Waack, Sabine | CDU | <input type="radio"/> | <input type="radio"/> PIRATEN |
| UNGÜLTIG WÄHLEN | | <input type="radio"/> | <input type="radio"/> Tierschutzpartei |
| | | | <input type="radio"/> REPENTNER |
| | | | <input type="radio"/> NPD |
| | | | <input type="radio"/> FREE WÄHLER |
| | | | <input checked="" type="radio"/> UNGÜLTIG WÄHLEN |

STIMME ABGEBEN

reachable via `/wahl/<electionID>/<wahlkreisID>`

The Ballot for a given election and wahlkreis.
The edit field to the bottom left has to be filled with a valid token. Afterwards a vote can be given by pressing STIMME ABGEBEN. If UNGÜLTIG WÄHLEN is selected for one or two of the votes, the vote is marked invalid.

Token Generation

Generated tokens!

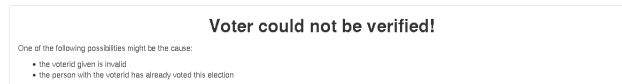
```
a2bedac0-4006-8d2a-9b2f-9b2f1114534  
75b38333-b0f1-4d59-9799-950e8ca9e9f  
f8af1db0-0240-4979-8308-e8772ae789  
20f2f59-8a66-42b1-6315-4620a6a1329  
4b135ae03-7d53-4d21-9509-1320f691Kab  
e50ae059-4a26-4711-ba5c-4b0692da351  
238ae050a-9700-401e-a257-8c0ae755ae7  
33077a6b-4b15-4110-a2e4-4aefc8b13be2  
788f617d-8403-4ae9-8537-401ab02ac2576  
104d1625-3317-4ac2-9439-7f591af4626b
```

reachable via `/wahl/tokens/<electionID>/<wahlkreisID>/<tokenAmount>`

Used to generate valid tokens needed to vote. The generated tokens are

associated with the particular wahlkreis and election.
This page is just a proof of concept. In an actual election it would obviously only be reachable by authenticating in some way. For more information please read the documentation of the voting process.

Voter verification



reachable via `/wahl/verify/<electionID>/<voterID>`

Used to verify that the voter with voterID has not already voted. If he already voted, an error message is shown. Otherwise a success message is shown and the voter can be given a token by the Wahlhelfer. The voter is then set to already having voted.