

## Datenanonymisierung

Werft einen Blick auf die E-Mail unten. Versucht in Eurer Gruppe, Daniel zu re-identifizieren, d.h. die Daten zu de-anonymisieren, indem Ihr die entsprechenden ID-Variablen (D1005 oder D1009) mit Hilfe der gegebenen Informationen extrahiert.

Wenn das funktioniert hat, diskutiert

- was uns dies über den Grad der Anonymisierung der Daten zeigt;
- wie wir auf Elizabeth reagieren sollten.

Führt diese Übung mit Daten aus der Comparative Study of Electoral Systems (CSES) durch. Die Daten sind auf die deutsche Nachwahlstudie von 2013 beschränkt und für die Verwendung in SPSS, STATA oder Excel vorbereitet. Darüber hinaus gibt es einen Auszug aus dem CSES-Codebuch.

**From:** Best, Colleague  
**Sent:** Montag, 27. Juli 2015 11:23  
**To:** Netscher, Sebastian  
**Subject:** Playing CSES matchmaker?

Hi Sebastian,

I received this email from an old friend of mine. Knowing that you were involved in the CSES which contains the German post-election study for 2013, maybe you could help Elizabeth find her lost love?

However, even if we could identify Daniel in the dataset and get his contact information (based on his ID), I doubt that we are in an ethical position to give her the information! What do you think?

Cheers,  
 Colleague

**From:** [elitru@junkmail.com](mailto:elitru@junkmail.com)  
**Sent:** Montag, 27. Juli 2015 10:44  
**To:** Best, Colleague  
**Subject:** HELP PLEASE!!!

Hi Colleague,

I'm in desperate need of help. I lost touch with a person I met briefly back in 2014 but who affected me deeply.

We met in January 2014 on a skiing holiday in St Moritz, Switzerland. You know, I never believed in love at first sight but as soon as our eyes met it became evident he was my better half. I had the sense of being and wholeness like never before –being MYSELF, being ALIVE, being in LOVE!

We spent an entire day together and planned to meet again just before he was due to fly back to Koeln (Cologne) the following morning. When I woke up that day he had slipped a love message under my door. For the first time in years I felt loved. At that moment I suddenly panicked. The wounds of my past heartbreaks resurfaced and it was too much. I didn't go to meet him before his flight. All I could do was run away.

Soon afterwards I started suffering from severe insomnia and Daniel words began haunting me: 'This is the beginning of anything you want.' I MUST find Daniel, it's the only way I can reconcile with my past heartbreaks and hopefully move on.

I spent the last year looking for him unsuccessfully. My last hope lies with you. I remember that he once said he had been interviewed for the German post-election study in the fall of 2013. I know you are involved in political research and have been working for a Germany research institute for a couple of years now. Maybe you can help me to get in contact with Daniel by asking someone who is involved in the German post-election study?

Here is what I can tell you about him. (It is funny that we shared so many profound things but I can't recall his last name or his profession.) Daniel never got married but has a dog he truly adores. I recall him saying he felt so guilty undertaking the skiing trip without his dog.

I could write so much more but I don't want to take too much of your time. All I hope is that these few lines convince you of my good intentions. I regret not seeing him on that last morning and I have to do everything I can to find him. Please help me find my lost love.

Yours hopefully,  
 Elizabeth

Hinweis:

Das deutsche Wahlsystem ist ein Zweistimmensystem. Während die Zweitstimme von einer Listenstimme in jedem Bundesland abhängt, ist die Erststimme eine Kandidatenstimme in kleinen, so genannten Einerwahlkreisen. Um Daniel zu identifizieren, solltet Ihr nach dem Hauptwahlbezirk suchen, in dem er seine Erststimme abgegeben haben könnte.

Zitation:

Netscher S. und Recker, J. (2018) Exercise: Re-identification of quantitative data. GESIS-Leibniz-Institut für Sozialwissenschaften, Köln, Deutschland. Verfügbar unter:

[https://www.cessda.eu/content/download/4310/48696/file/TTT\\_EX\\_GESIS\\_Re-IDQuant\\_v1.0.pdf](https://www.cessda.eu/content/download/4310/48696/file/TTT_EX_GESIS_Re-IDQuant_v1.0.pdf)

Der in dieser Übung verwendete Datensatz basiert auf Daten aus der Comparative Study of Electoral Systems (CSES, 2017):

The Comparative Study of Electoral Systems (2017). CSES Module 4 Second Advance Release. March 20, 2015 version. <https://doi.org/10.7804/cses.module4.2015-03-20>

Die CSES-Daten wurden für die Verwendung in dieser Übung modifiziert. Die in dieser Übung erwähnten Personen und Anträge sind fiktiv und basieren nicht auf realen Personen.