

Wissenschaft - Was ist das eigentlich?

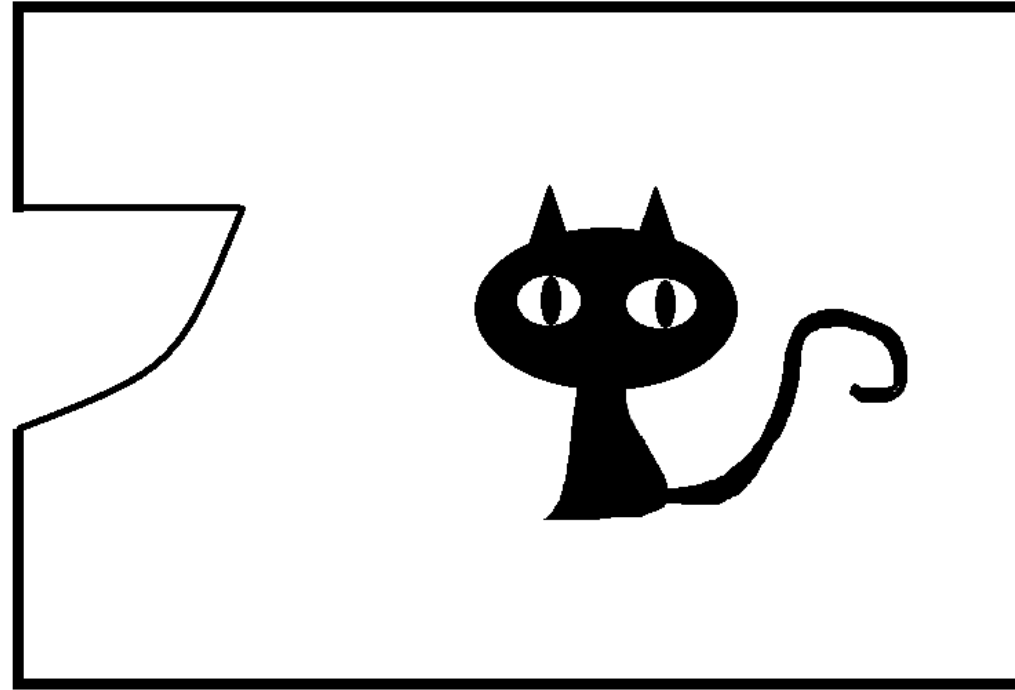
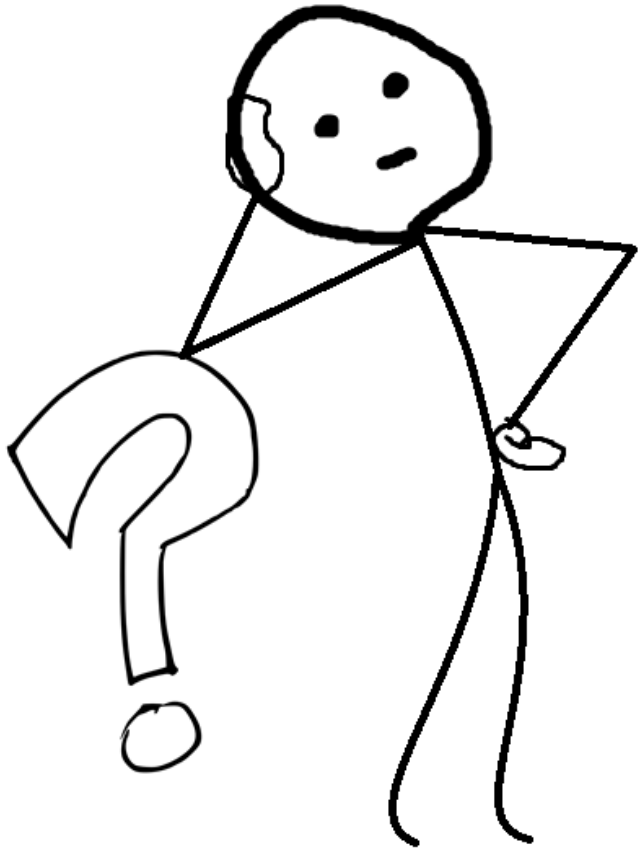
Philosophie...

Philosophie...

...ist die Suche nach einer schwarzen Katze

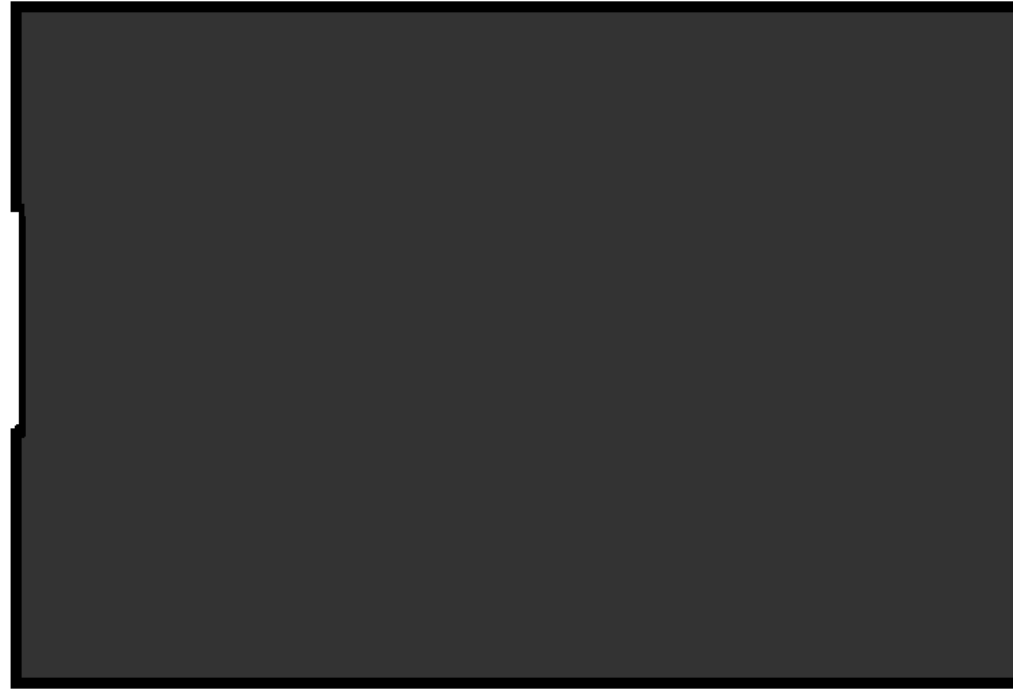
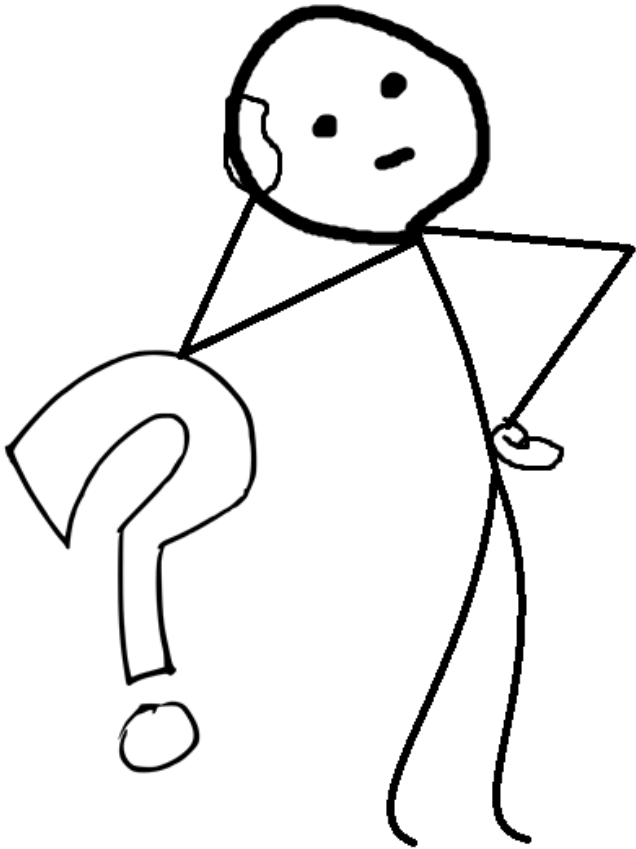
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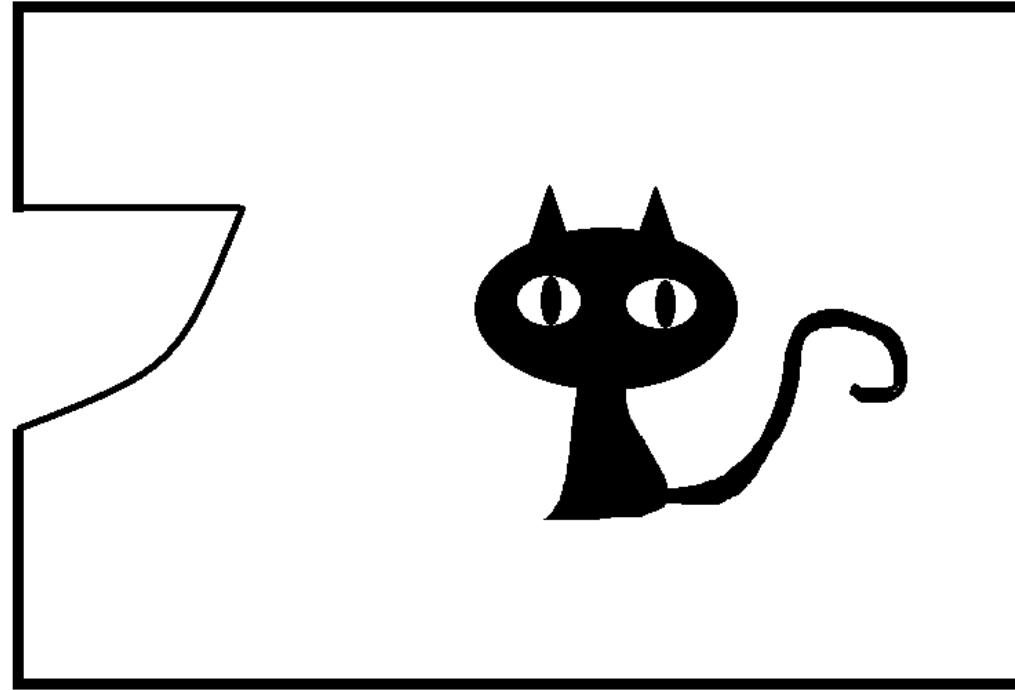
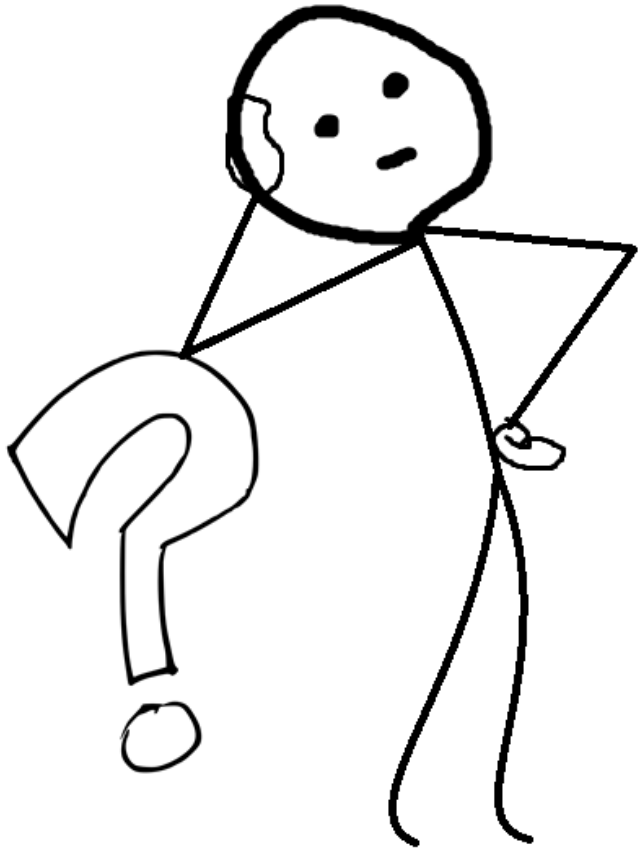


...in einem dunklen Raum!

Metaphysik...

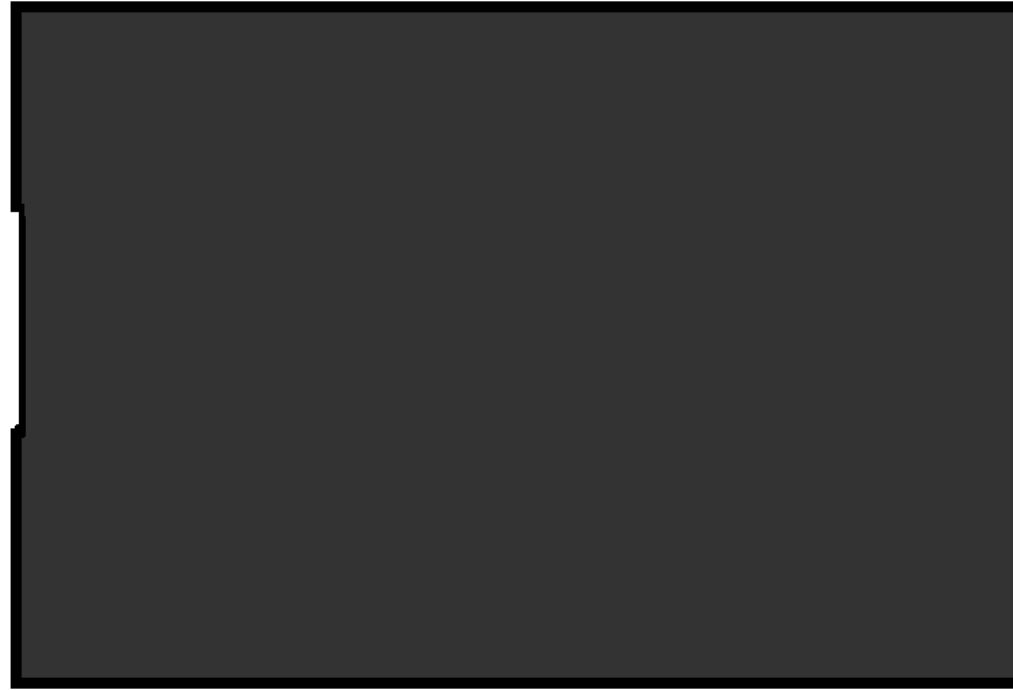
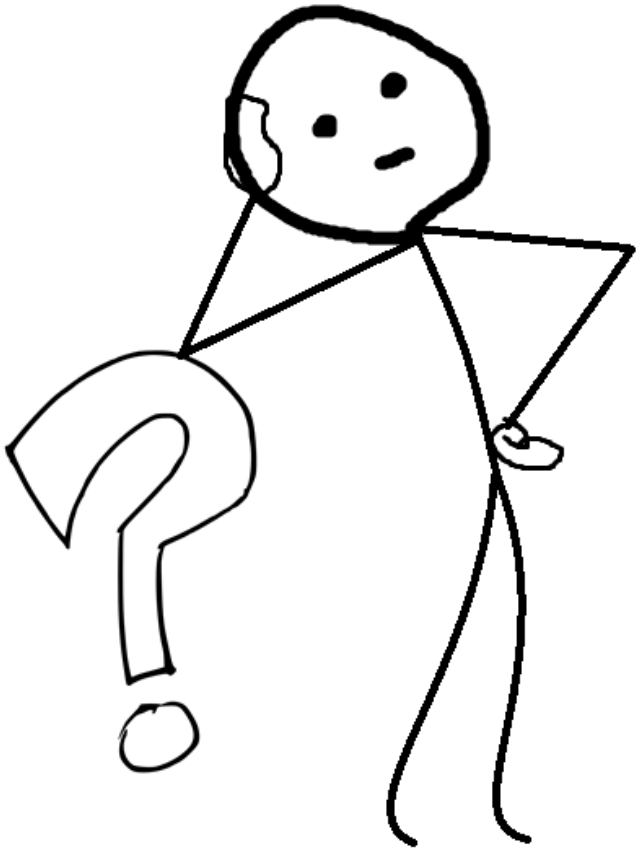
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Metaphysik...

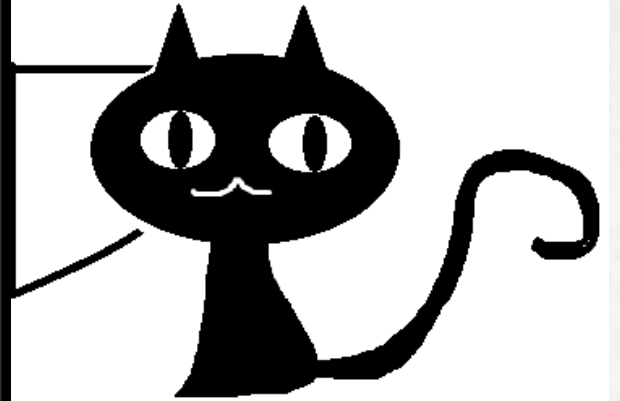
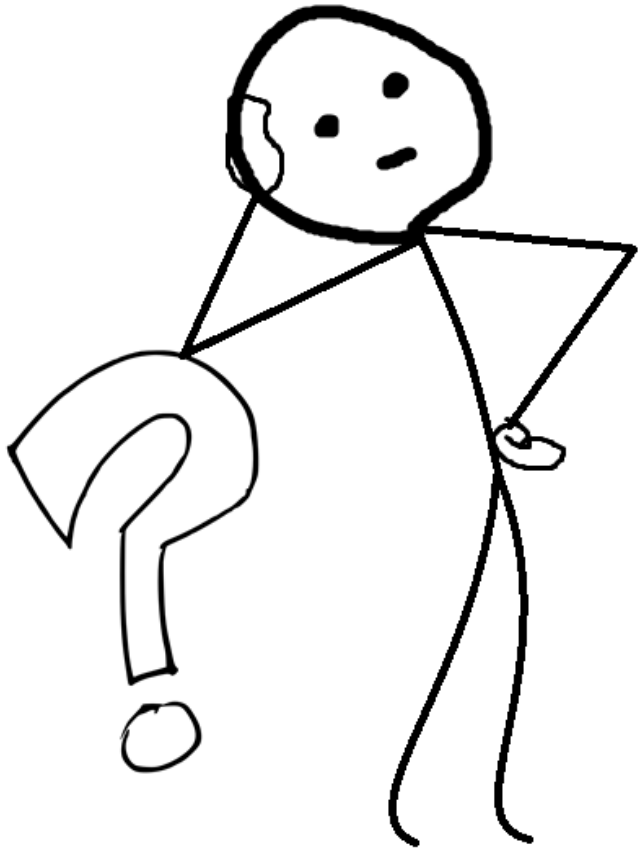
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Metaphysik...

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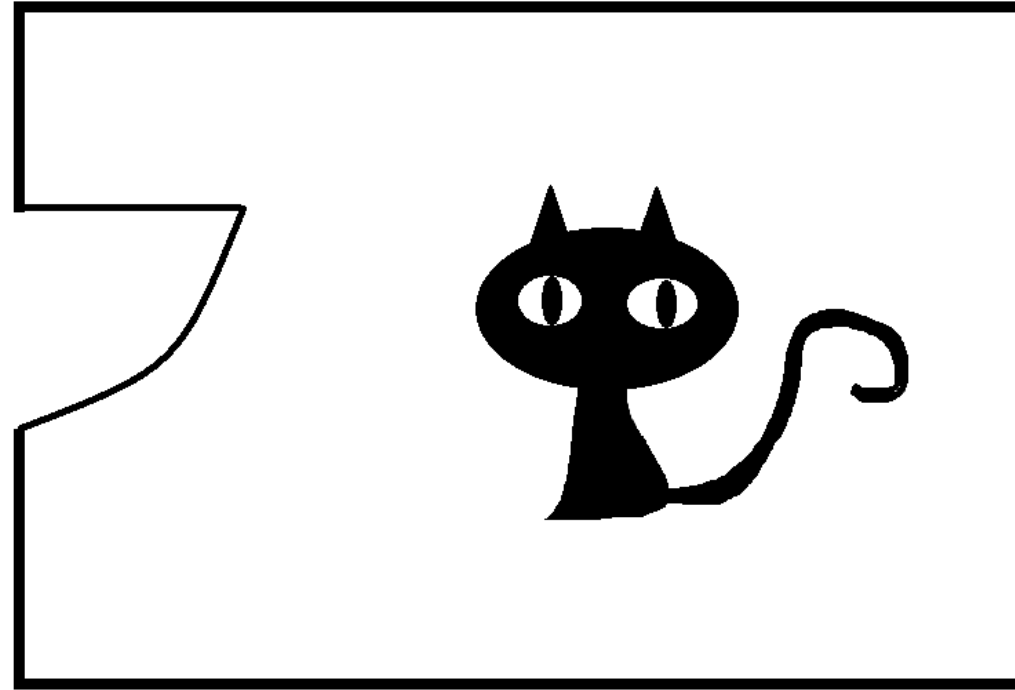
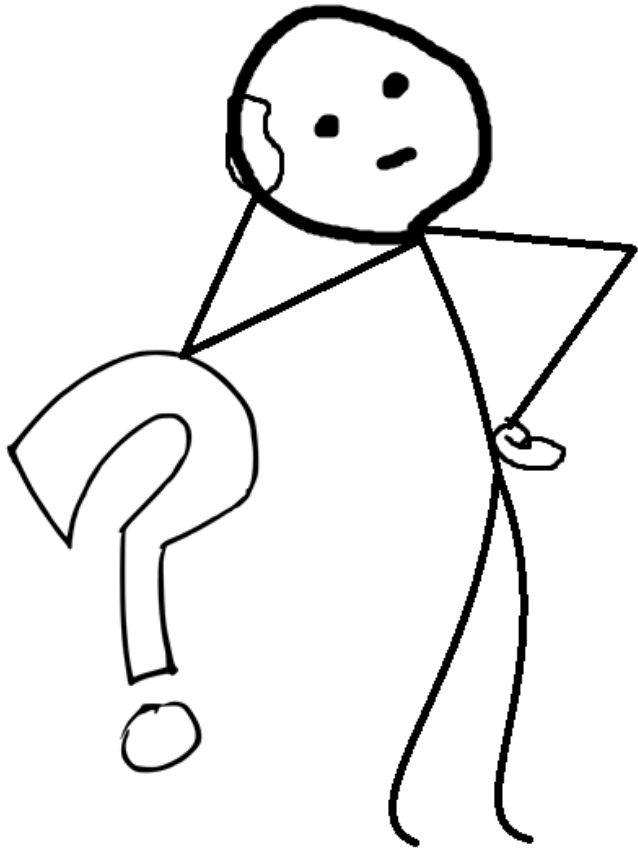


...in einem dunklen Raum,
...in dem keine Katze ist!

Religion...

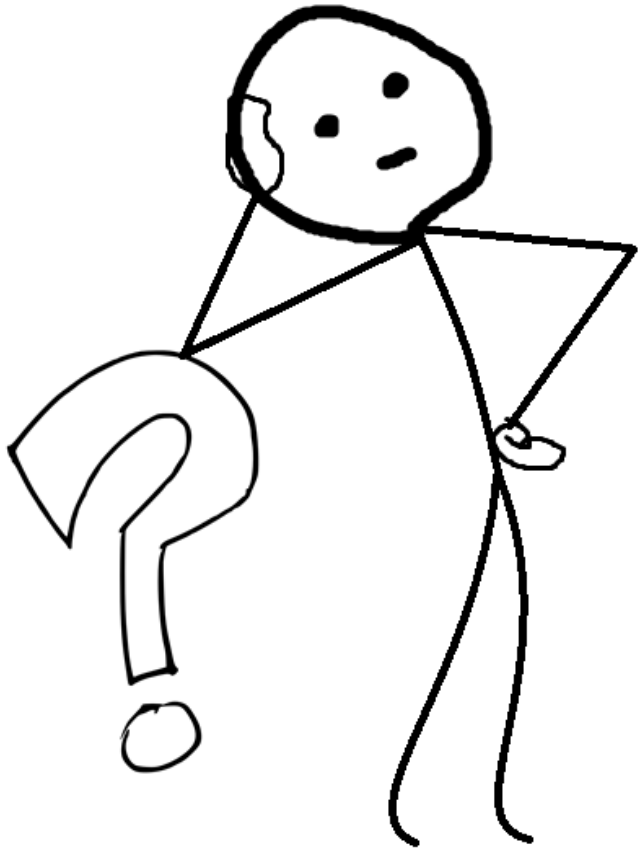
Religion...

...ist die Suche nach einer schwarzen Katze



Religion...

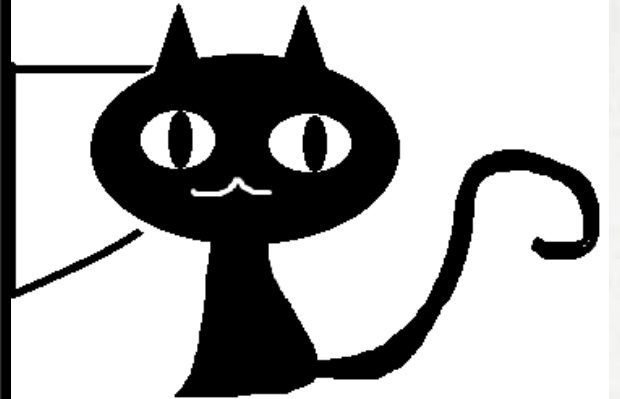
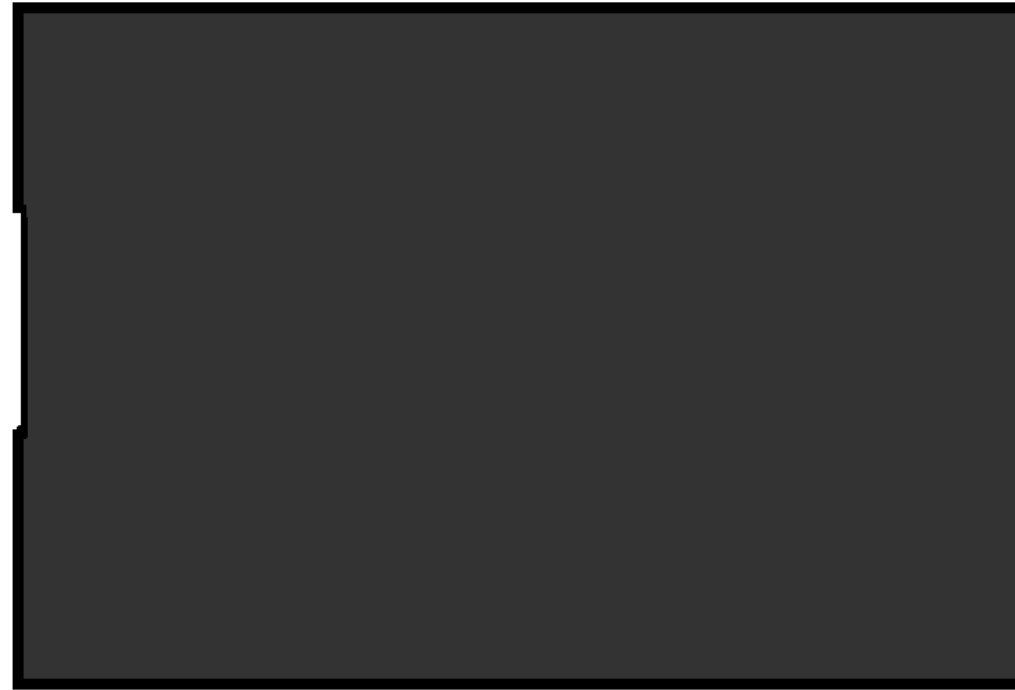
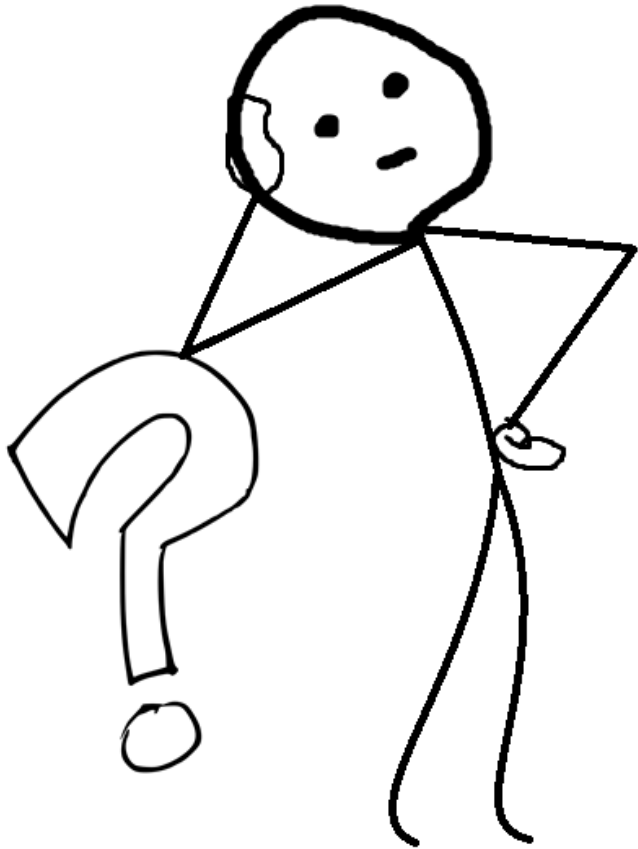
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Religion...

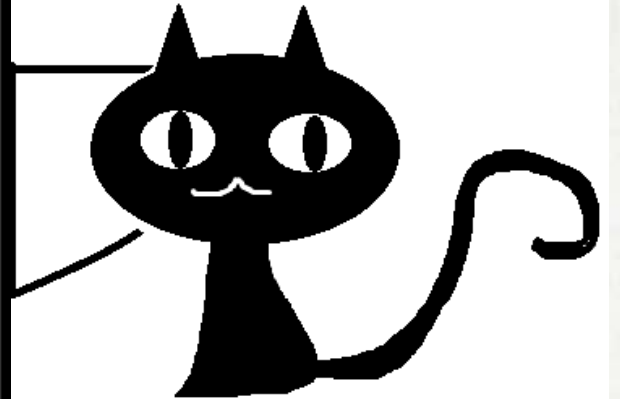
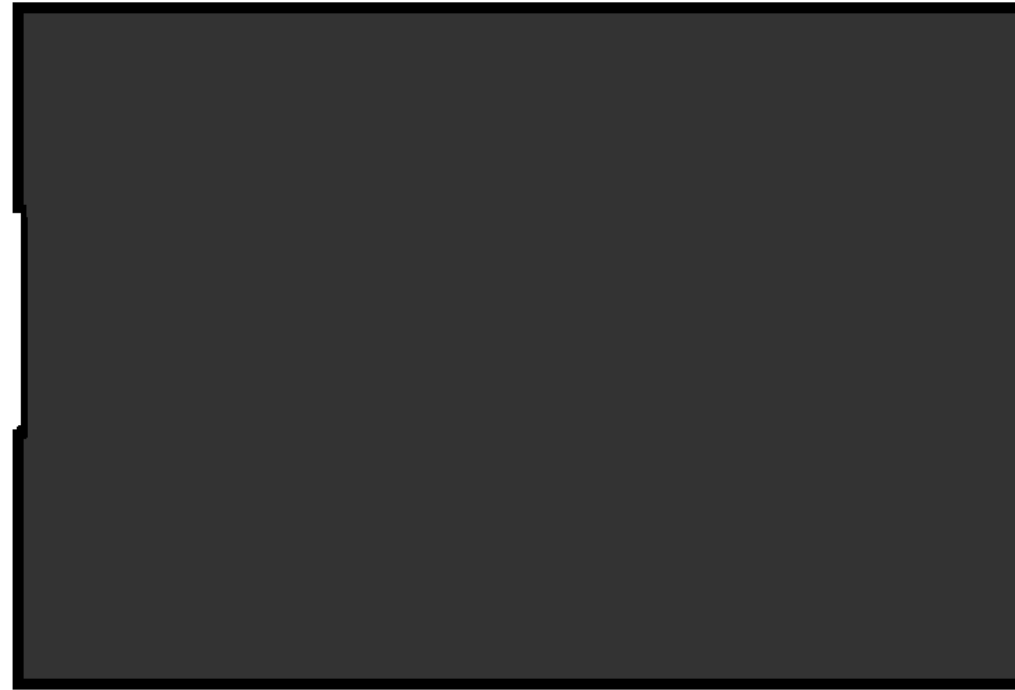
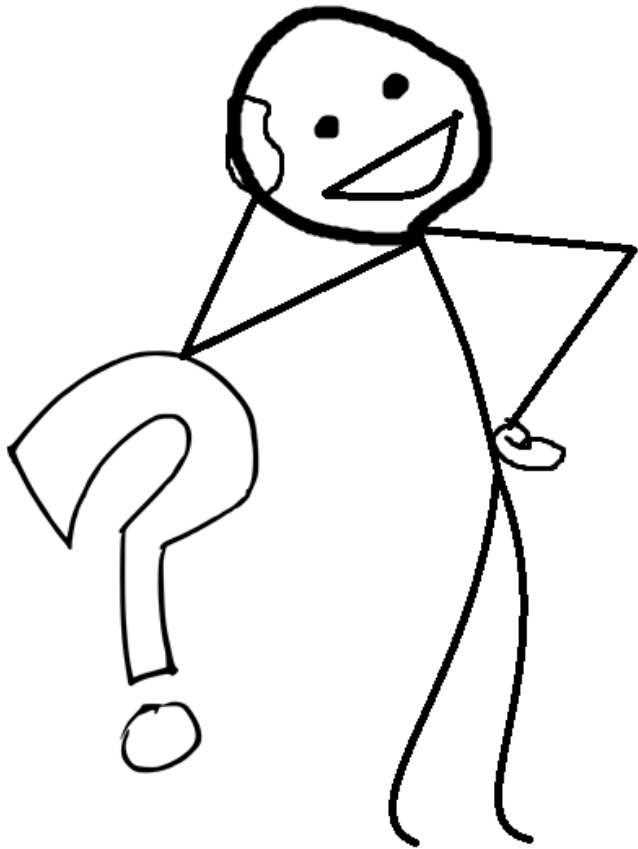
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Religion...

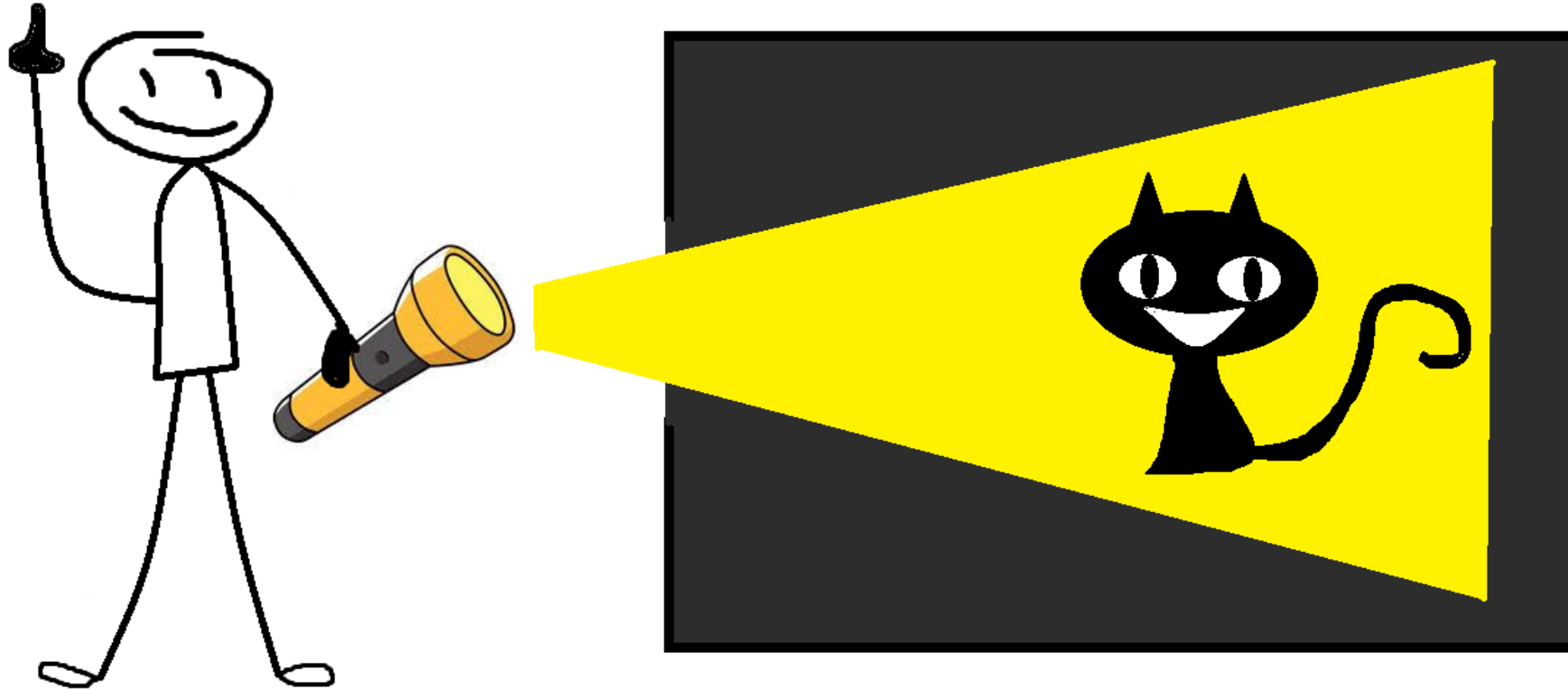
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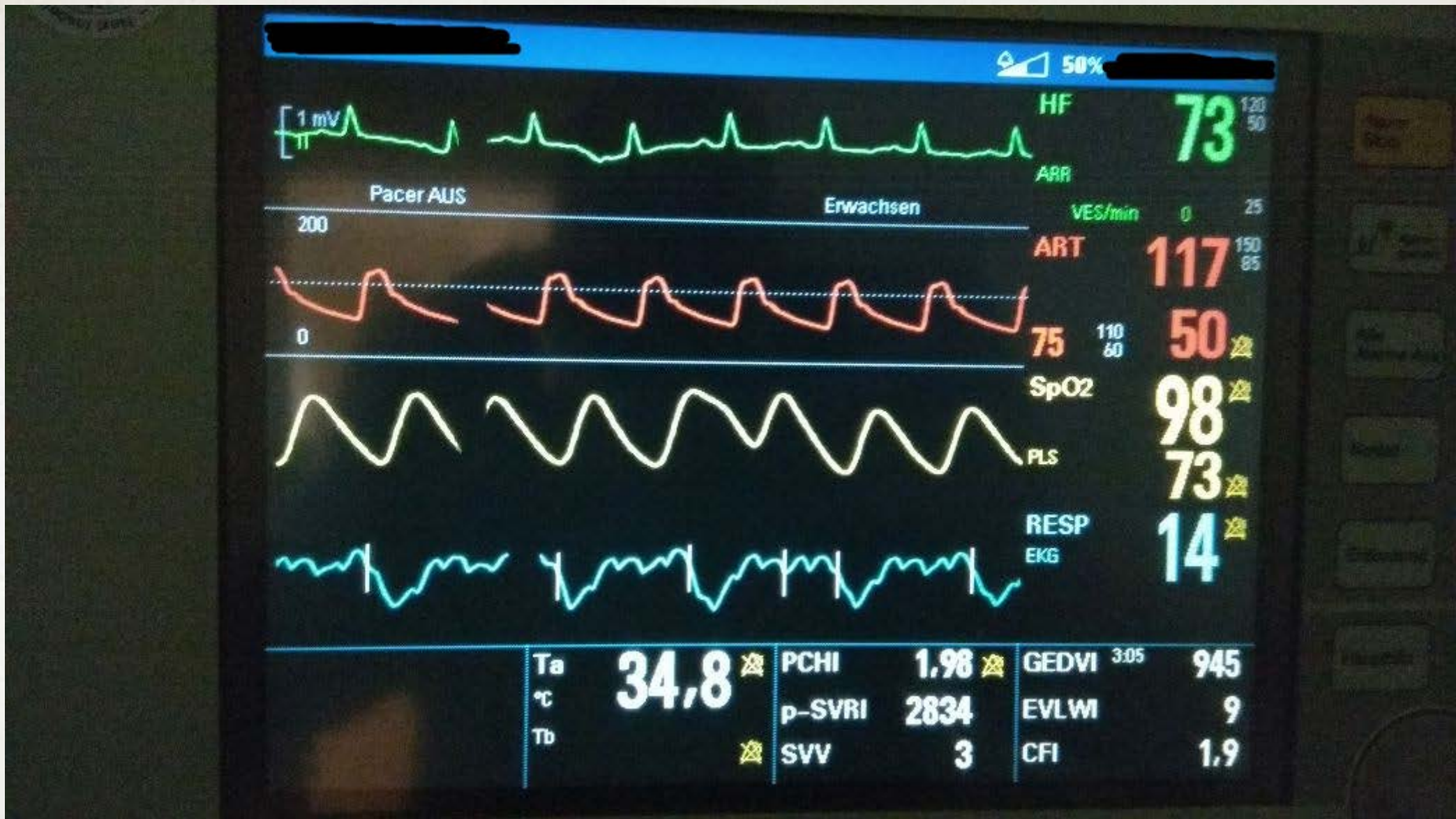
...in einem dunklen Raum,
...in dem keine Katze ist
...und zu rufen "Ich habe sie gefunden!"

Wissenschaft...

Wissenschaft...

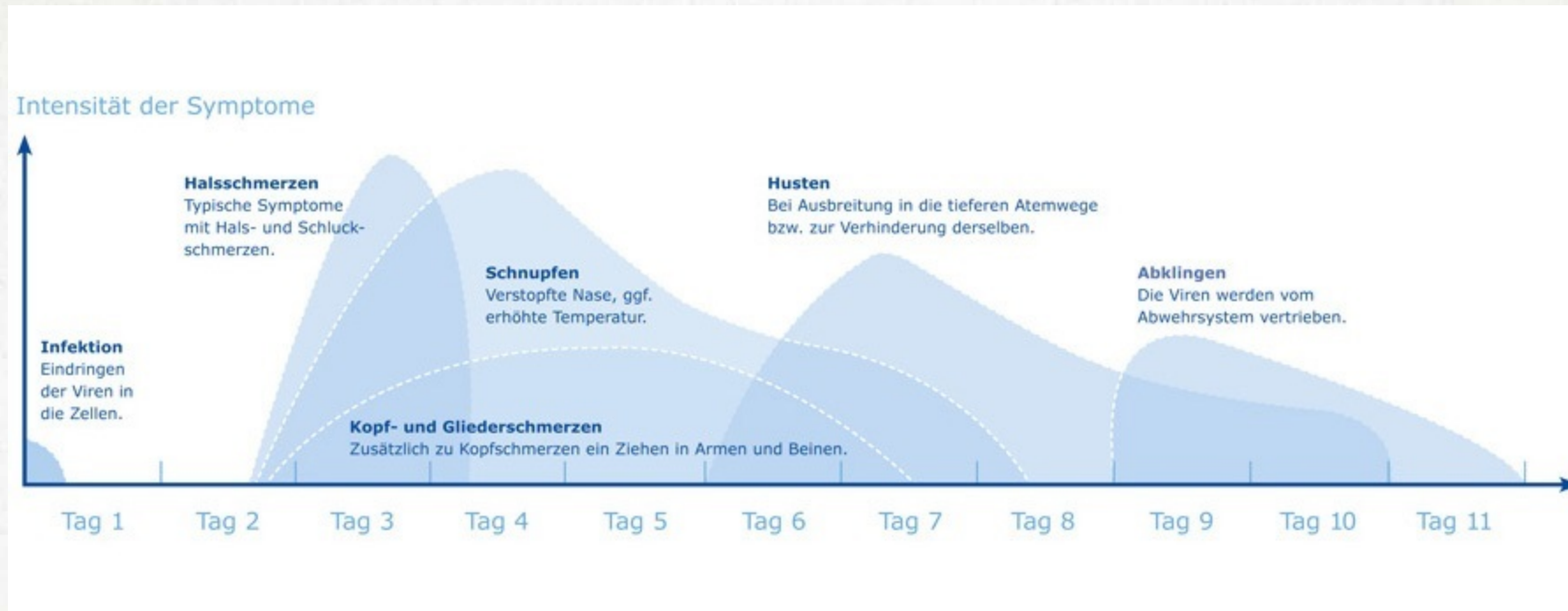


...ist die Benutzung einer Taschenlampe!





„Gummibärchen als Notfallpaket“, <https://www.ksta.de/koeln/gummibaerchen-im-notfallpaket-diabetes-ambulanz-schult-kinder-im-umgang-mit-krankheit-28729614>, 24.10.17



“Verlauf und Symptome”, https://www.erkaeltung.info/erkaeltung/symptome_erkaeltung.html, 24.10.2017



15. Gesundheitspflegekongress Hamburg - 04.11.2017 - Daniel Morciniec





„Der Exophthalmus“, <http://medicalmeds.eu/index-2137.htm>, 30.10.2017



„Der Maßstab ist die Pflegequalität“, <https://www.hogrefe.de/themen/pflege-und-health-professionals/pflegewissenschaft>, 30.10.2017



„Nichts liest sich lustiger als die Uni-Abschlussarbeit“, <https://www.welt.de/kultur/article150659102/Nichts-liest-sich-lustiger-als-die-Uni-Abschlussarbeit.html>, 30.10.2017



Phänomen

Phänomen

„Es gibt Menschen“

These

These

„Die Kinder werden vom Storch gebracht“

New evidence for the Theory of the Stork

Thomas Höfer^a, Hildegard Przyrembel^b and Silvia Verleger^c

^aFederal Institute for Risk Assessment, Berlin, ^bOffice of the National Breast Feeding Committee at BfR, Berlin, and ^cIndependent Midwife, Berlin, Germany

Summary

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Data from Berlin (Germany) show a significant correlation between the increase in the stork population around the city and the increase in deliveries outside city hospitals (out-of-hospital deliveries). However, there is no correlation between deliveries in hospital buildings (clinical deliveries) and the stork population. The decline in the number of pairs of storks in the German state of Lower Saxony between 1970 and 1985 correlated with the decrease of deliveries in that area. The nearly constant number of deliveries from 1985 to 1995 was associated with an unchanged stork population (no statistical significance). However, the relevance of the stork for the birth rate in that part of Germany remains unclear, because the number of out-of-hospital deliveries in this area is not well documented. A lack of statistical information on out-of-hospital deliveries in general is a severe handicap for further proof for the Theory of the Stork.

The intended value (disclaimer): This article is not intended to disprove the value of serious epidemiological investigations. It is an example of how studies based on popular belief and unsubstantiated theory, seconded by low quality references and supported by coincidental statistical association could lead to apparent scientific endorsement. Insofar it is a humorous case study for education in perinatal epidemiology.

Introduction

Background

Status of ThoS

A search conducted on the internet revealed that more than 20 internet domains are communicating about

(Höfer et al., 2004)

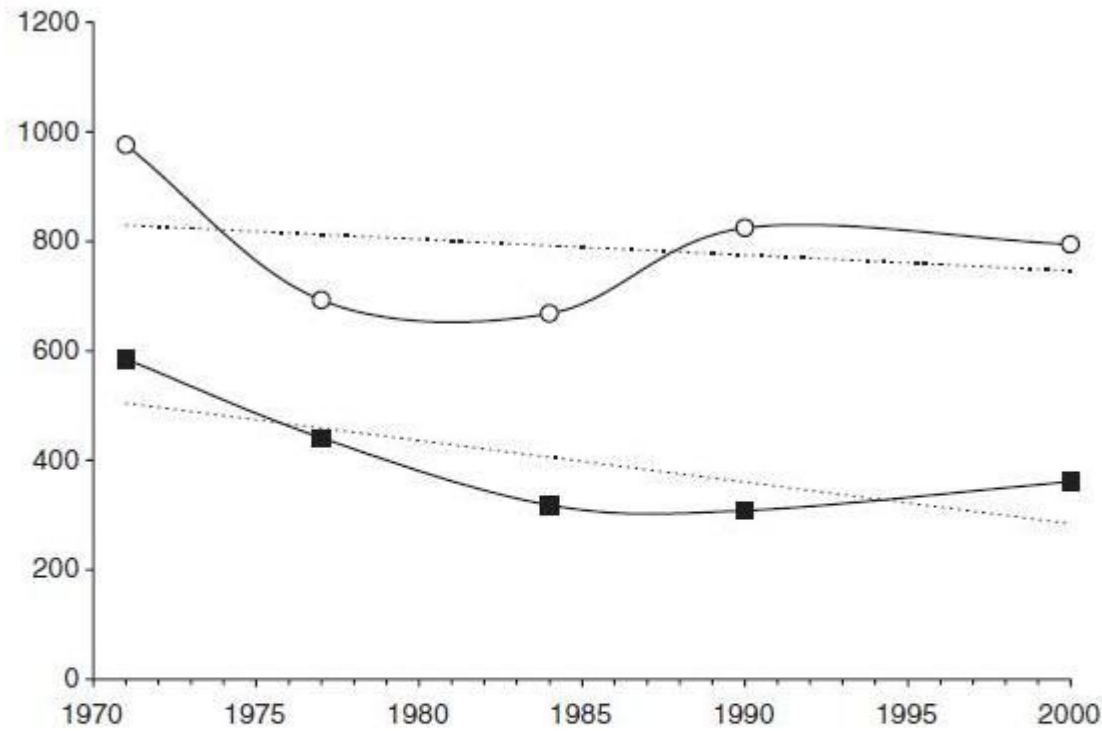
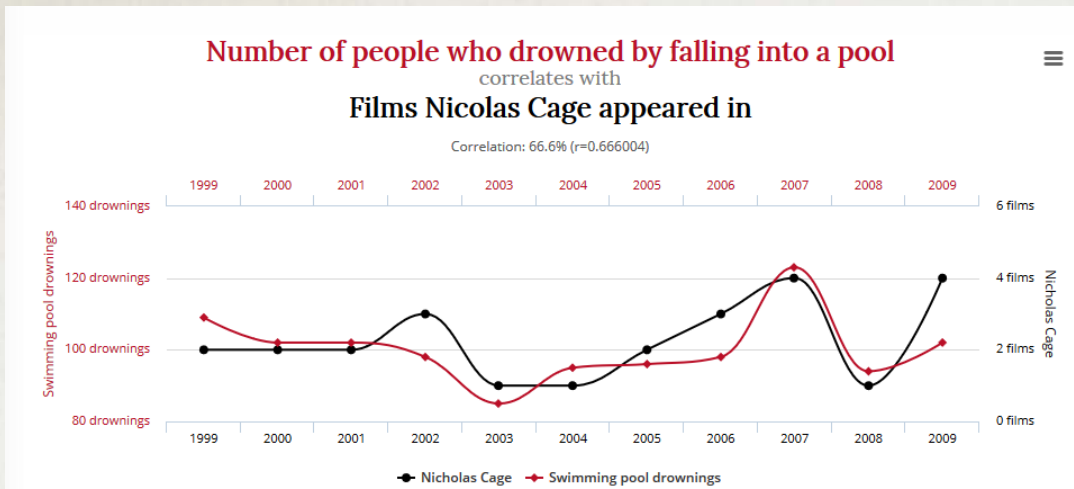
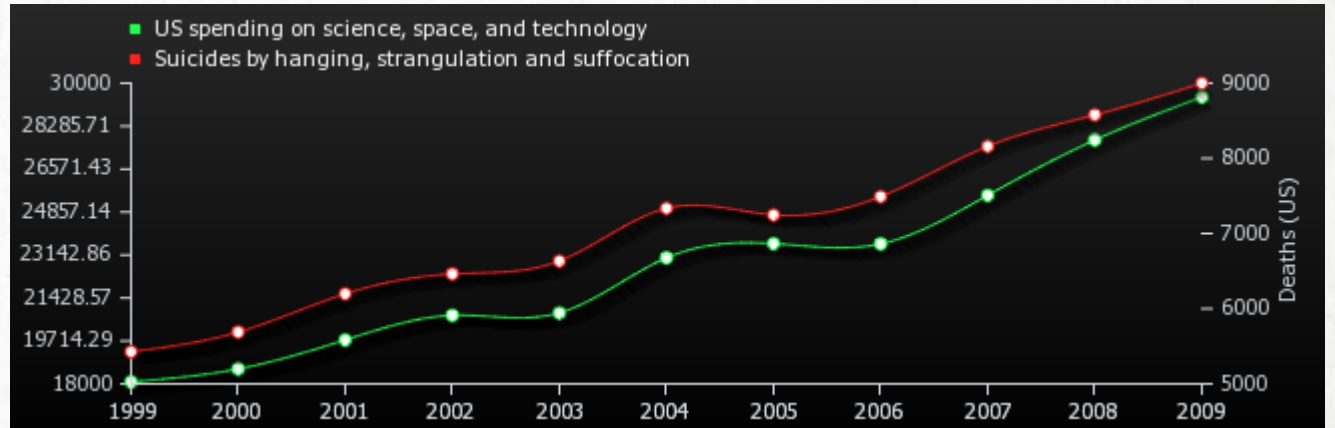


Figure 1. Storks and the birth rate in Lower Saxony, Germany (1971–2000). Open circles show yearly birthrates in hundreds in Lower Saxony. Full squares show numbers pairs of storks in Lower Saxony. Dotted lines represent linear regression trend ($y = mx + b$).

(Höfer et al. , 2004)



„Spurious Correlations“, <http://www.tylervigen.com/spurious-correlations>, 26.10.2017



„Spurious Correlations“, http://tylervigen.com/view_correlation?id=1597, 26.10.2017

Korrelation 99,97%

Korrelation \neq Kausalität

Keine Belege gefunden?

Weitersuchen!



„The Fate of the Religious Right May Be Foretold in Iowa” ,
http://www.slate.com/iowa_donald_trump_and_the_fate_of_the_religious_right.html, 01.11.2017

Religion gründen

„Die Wissenschaft von heute ist der Irrtum von morgen.“
(Jakob Johann, Baron von Uexküll)

Vielen Dank für die
Aufmerksamkeit!