DATEN OHNE VERALLGEMEINERUNG SIND NUR KLATSCH

4. Zukunftsforum Rettungsdienst Hamburg

Roberto Cianella-FCTSA 2019

Offiziell gesagt…

Arbeiten mit dem Daten-Cockpit:
Tagesaktuelle Erfassung rettungsdienstlicher Einsätze

ÜBERSICHT EINSÄTZE 2018
144
JANUAR
FEBRUAR
MÄRZ
APRIL
MAI
JUNI
JULI
AUGUST
SEPTEMBER
OKTOBER
NOVEMBER
DEZEMBER

Leben retten, kerngeschäft!

Aber….

Daten sammeln=überleben

TheUpshot

THE NEW HEALTH CARE

Uber, Lyft and the Urgency of Saving Money on Ambulances

"Don't reflexively call an ambulance," a Harvard researcher says. In many cases, a cheaper way makes sense.

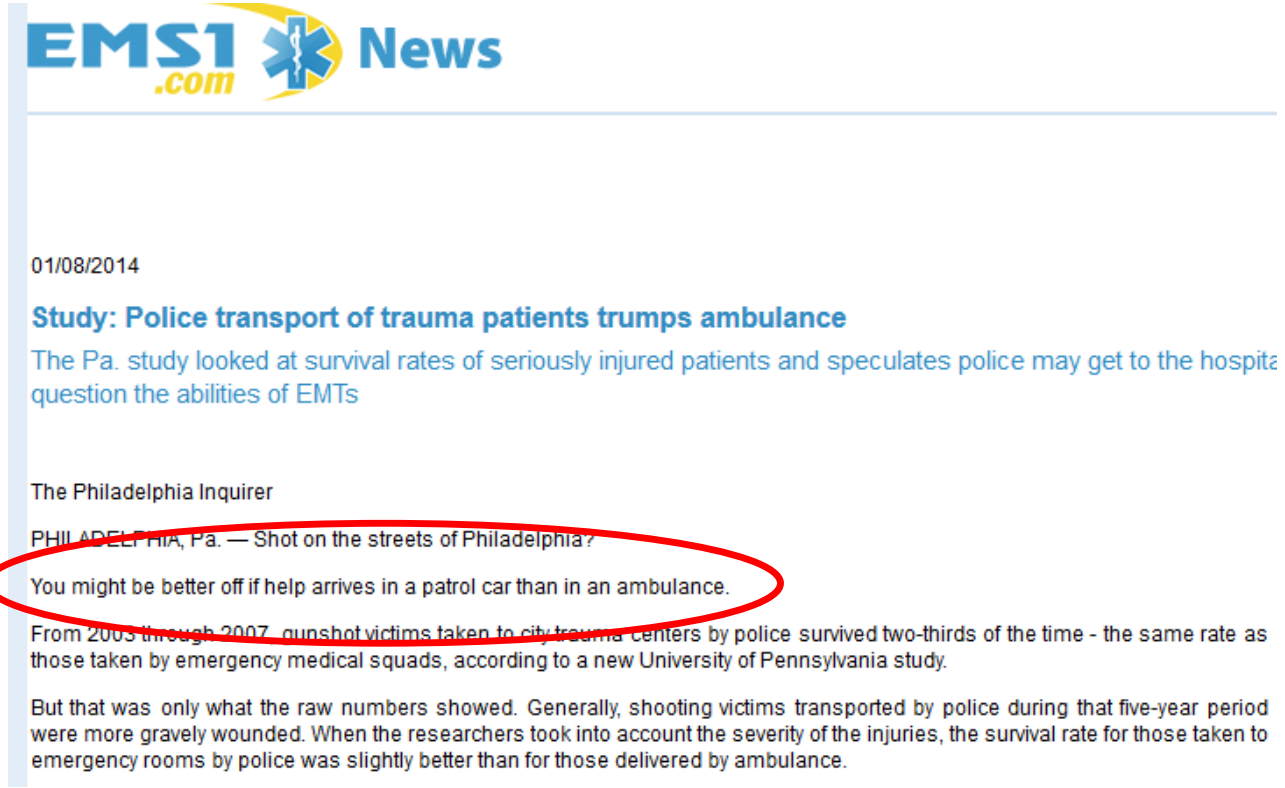
MONEYBOX | COMMENTARY ABOUT BUSINESS AND FINANCE. | SEPT. 25 2014 1:34 PM

Is There a Doctor in This Uber?

So you're going into labor. Should you use a ride-sharing app to get to the hospital?

60 69 28

By Alison Griswold



EMS1.com News

01/08/2014

Study: Police transport of trauma patients trumps ambulance

The Pa. study looked at survival rates of seriously injured patients and speculates police may get to the hospita question the abilities of EMTs

The Philadelphia Inquirer

PHILADELPHIA, Pa. — Shot on the streets of Philadelphia?

You might be better off if help arrives in a patrol car than in an ambulance.

From 2003 through 2007, gunshot victims taken to city trauma centers by police survived two-thirds of the time - the same rate as those taken by emergency medical squads, according to a new University of Pennsylvania study.

But that was only what the raw numbers showed. Generally, shooting victims transported by police during that five-year period were more gravely wounded. When the researchers took into account the severity of the injuries, the survival rate for those taken to emergency rooms by police was slightly better than for those delivered by ambulance.

article Uber 911: In NYC, the median response time for an ambulance is 6 minutes. The median wait time for an Uber is 2.42 minutes.

inviato 3 mesi fa da helicalpen

857 commenti condividi

Datenfriedhof

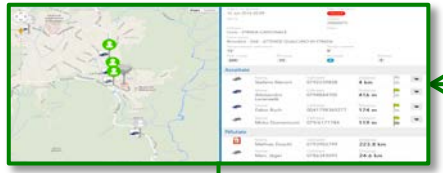
- Wie lange können Daten bevor Sie in dem Datenfriedhof landen, überleben?
- Wo befindet sich die Datenquelle?
- Welchen Inhalt haben die Daten?
- Welchen Zweck haben die Daten?

Hinweis: Einen BI Tool löst nicht die Dummheit im Vorfeld

Prozesse überwachen

EMS / HEMS

144 TICINO SOCCORSO



FONDAZIONE TICINO CUORE

Company's AED

First Responder Network

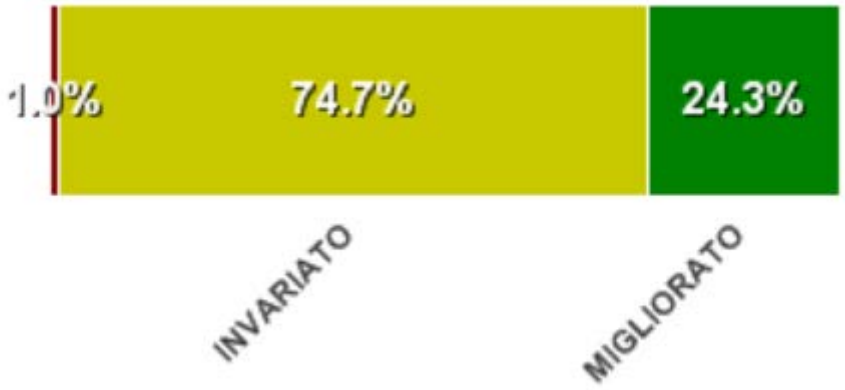
Dispatch Life Support
(DLS)

Output vs. Outcome

Interventi per priorità

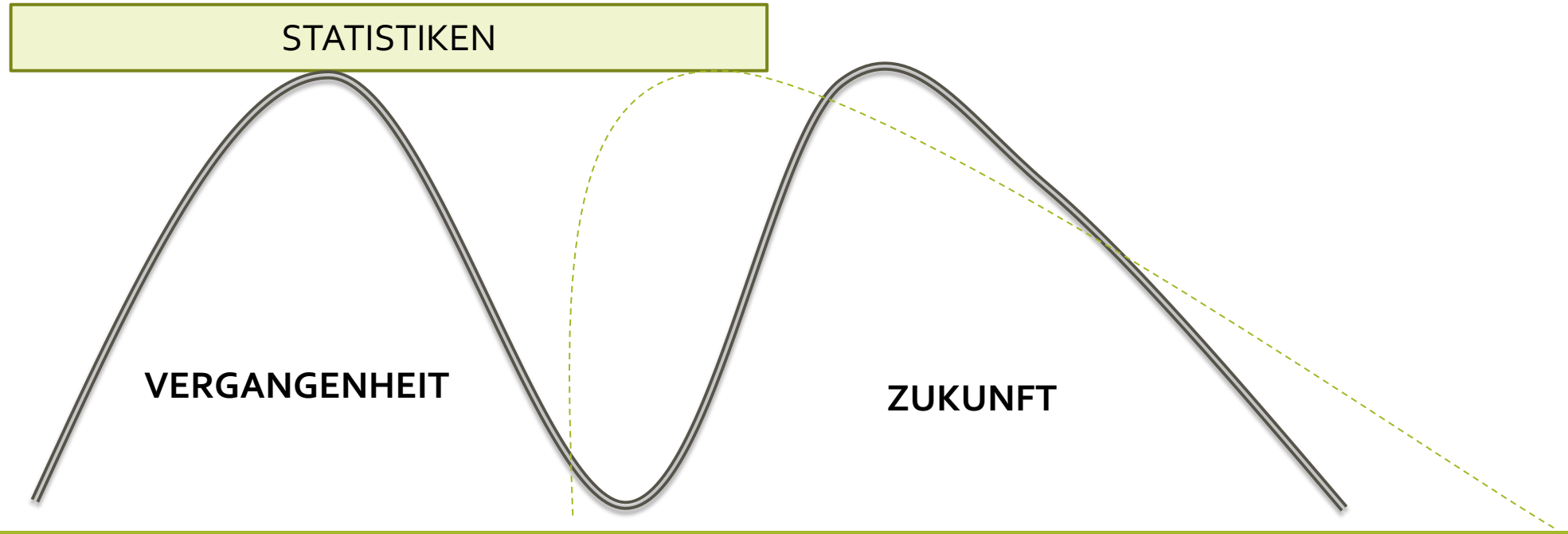
Priorità	IAS	Interventi	%
P	1	505	55.92%
	2	94	10.41%
	3	304	33.67%
	Total	**903**	**100.00%**
S	1	24	11.59%
	2	11	5.31%
	3	172	83.09%
	Total	**207**	**100.00%**
Total		**1'110**	**100.00%**

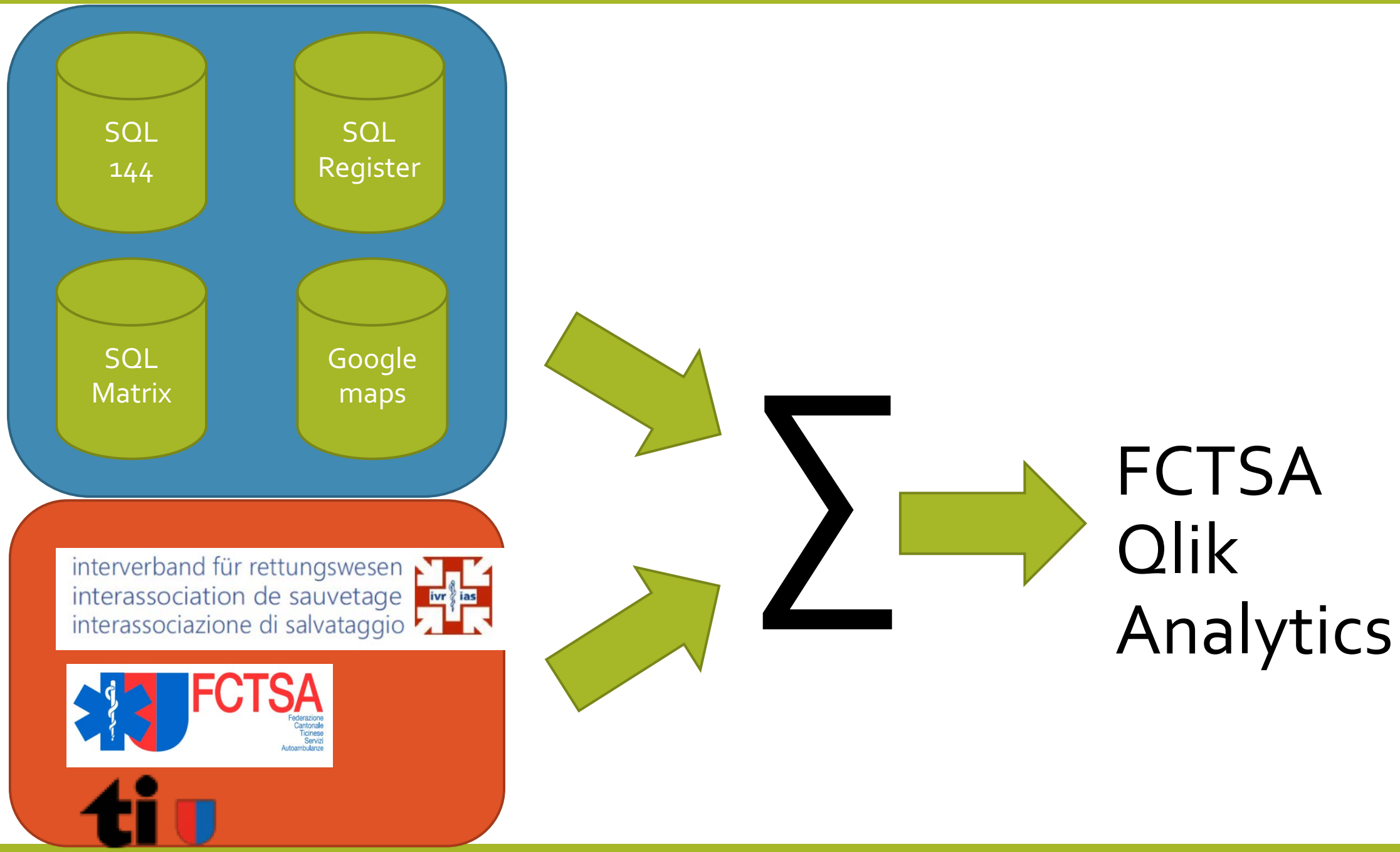
Variazione MEES **Mainz Emergency Evaluation Score**



Die Vergangenheit enthält die Zukunft

- Die Statistiken basieren Sich über Fakten die schon geschehen sind
- Wir benutzen diese Statistiken um (auch) die Zukunft zu vorhersehen
- Idealerweise mit Hilfe der retrospektive Analyse sollte man Trends identifizieren können (zB. Alterspyramide, Psychiatrische Fälle, …)




SQL
144
SQL
Register
SQL
Matrix
Google
maps
interverband für rettungswesen
interassociation de sauvetage
interassociazione di salvataggio
ivr ias
FCTSA
Federazione
Cantonale
Ticinese
Servizi
Autoambulanze
ti
∑
FCTSA
Qlik
Analytics

Live Demo

http://qlik.fctsa.ch/qlikview/index.htm

Warum?

- Beweisung
- Vergleich
- Wettbewerb
- Optimierung
  - Struktur
  - Prozesse

10-40%

Percentage of all annual EMS transports that are for low-acuity ailments like sprains or flu-like symptoms

28m+

The estimated number of annual EMS transports in the United States

30-50%

Percentage of ambulance transports to emergency departments described as inappropriate or unnecessary

Journal Prehospital Emergency Care 2013

Kosten

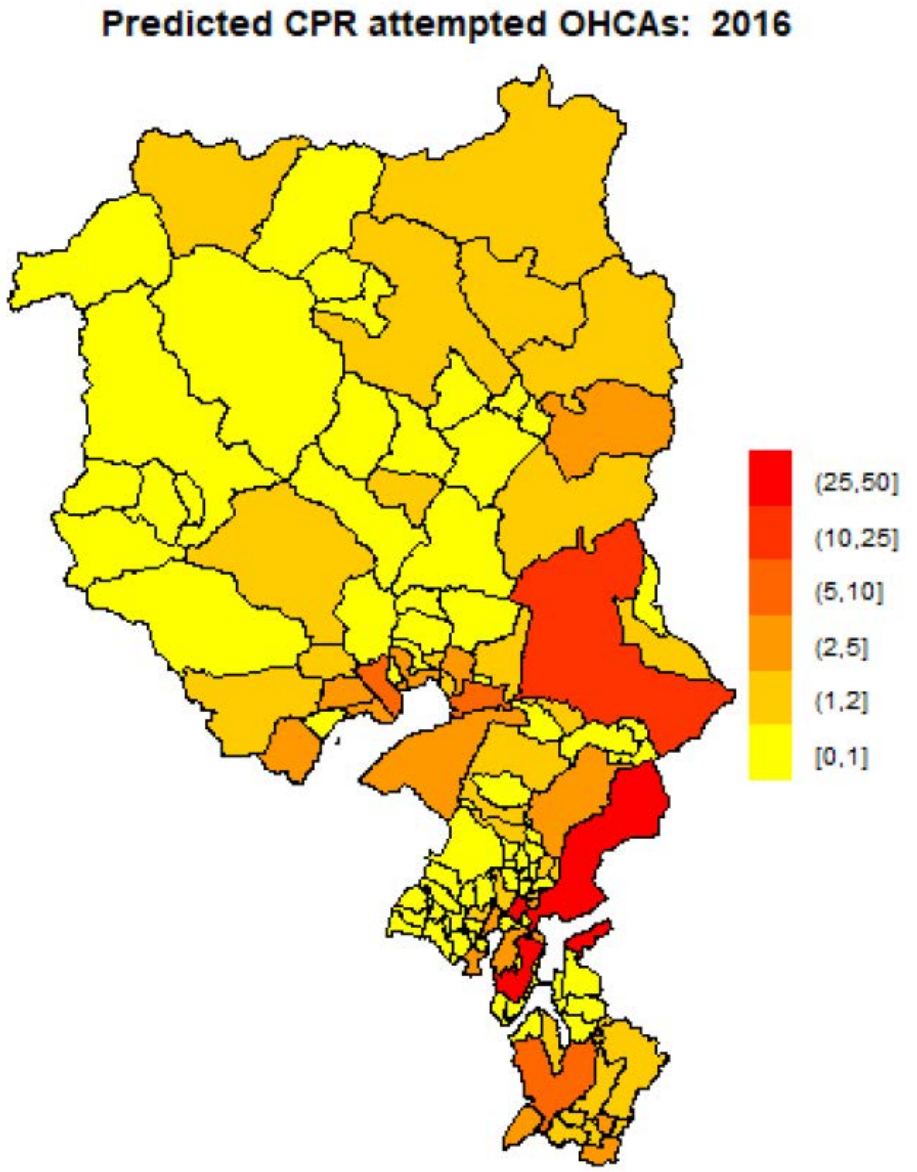
- Durchschnittliche Kosten für reine Daten : 50-80 Euro pro Einsatz
- Investitionskosten
- Betriebskosten

Mögliche Anwendungen

A Bayesian spatio-temporal statistical analy
Out-of-Hospital Cardiac Arrests

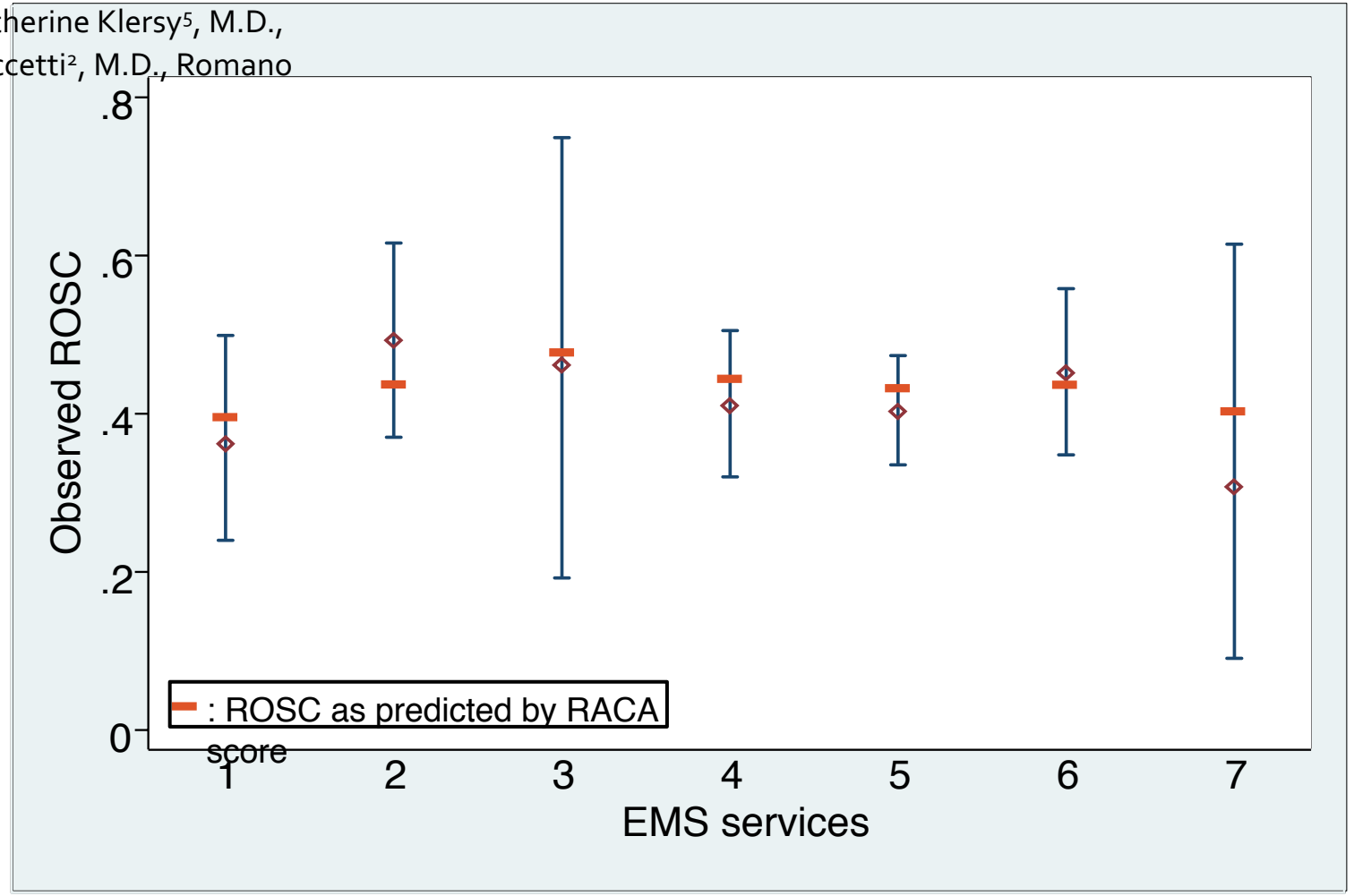
Stefano Peluso* Angelo Auricchio† Antonietta M
Claudio Benvenuti§ Roberto Cianella¶ Nicholas John
Håvard Rue** Maria Luce Caputo††

October 18, 2018



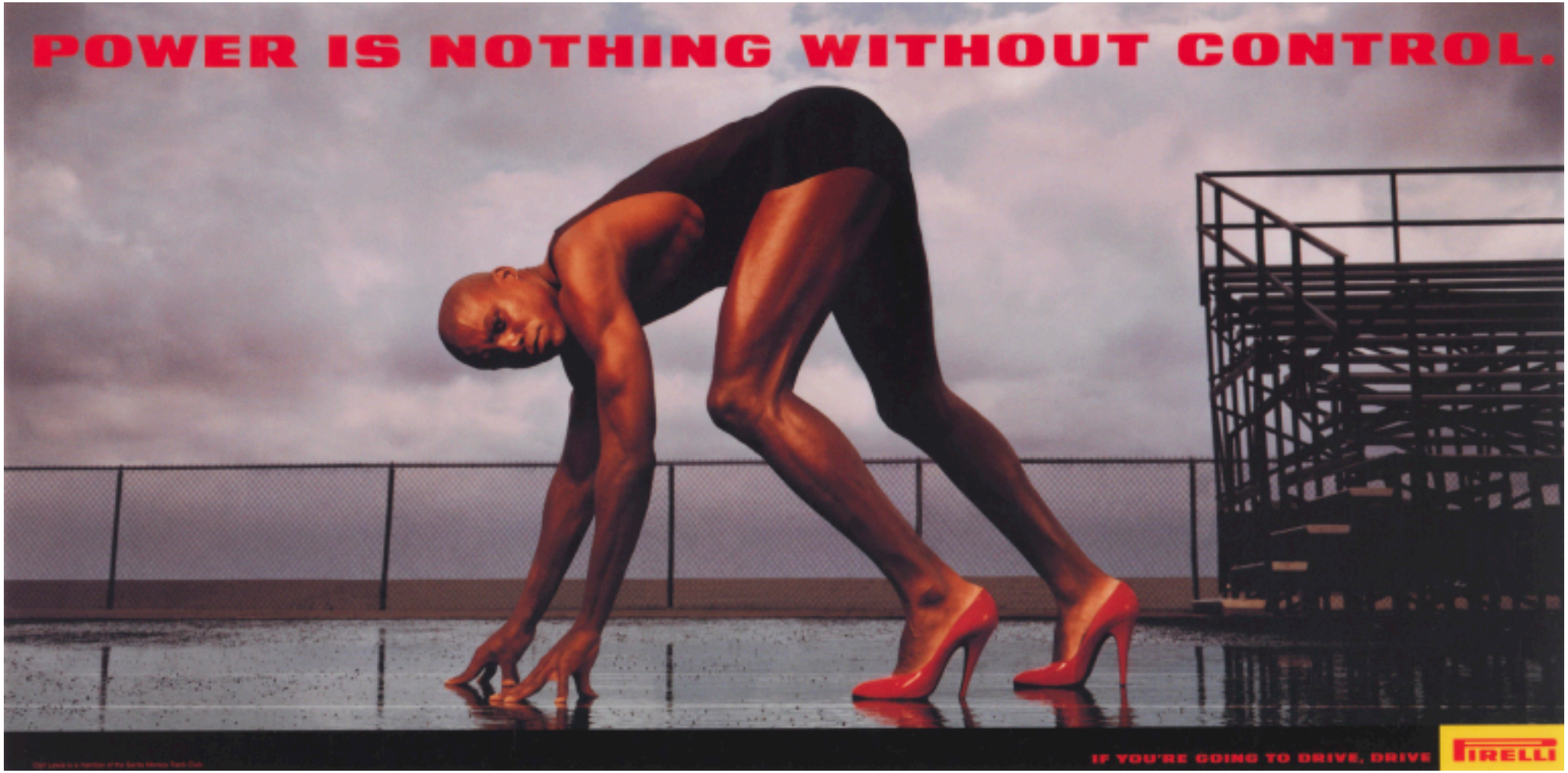
A large validation study of the return of spontaneous circulation after cardiac arrest (RACA) score performed in two different national territories.

Maria Luce Caputo[1,2] *, M.D., Enrico Baldi[3] *, M.D., Simone Savastano[3], M.D., Roman Burkart[4], R.N., Claudio Benvenuti[4], M.B.Sc., Catherine Klersy[5], M.D., Roberto Cianella[6] , Luciano Anselmi[6], M.D., Tiziano Moccetti[2], M.D., Romano Mauri[4], M.D., Gaetano M De Ferrari[1,3], M.D., Angelo Auricchio[2], M.D. Ph.D



2018-2019

- Automatisierte personalisierte Reports (pdf) (Business Report, Clinical Report)
- Dynamische Grafiken und Tabellen auf die Webseiten (End User)
- Szenarien und Tätigkeiten in zusammenhang mit Einwohner und Einsatzmittel
- Mobile Anwendungen (Smartphone, Tablet)


POWER IS NOTHING WITHOUT CONTROL.
IF YOU'RE GOING TO DRIVE, DRIVE
PIRELLI

Live Demo und Casereport

http://www.fctsa.ch/it/news

roberto.cianella@fctsa.ch