Individual contributions (Amr)  
  
Intro (Emmanuel)

* ~~Is social infection a prevalent factor in obesity spread? Does social infection play a role in obesity spread? Difference between SISa and SIS in simulation.~~

Statistical tests (Elise)

* Regression results
* Network distribution degree

Results (Elise)

* Rescale BMI/threshold
* Rescale population
* Storing results
* Correlation
* Visualization (video later for presentation)

Results interpretation: (Francois)

* Compare with article
* Phase diagram to interprete results
* Importance of a parameter
* Long term prevalence of obesity
* Limitations (homophily, social influence)
* What kind of public intervention is appropriate

Check scientific writing, citation and figures: Emmanuel

Code

Data to be included in DATA

Figures

Inset paragraph on confounding

**TABLE FOR CONFOUNDING**

{

\begin{table}[htbp]\centering

\caption{Results of OLS Model of the Obesity Prevalence in the US

\label{tabresult regress}}

\begin{tabular}{l c c }\hline\hline

\multicolumn{1}{c} {\textbf{Variable}}

& {\textbf{Coefficient}} & \textbf{(Std. Err.)} \\ \hline

Median Household Income (USD'000) & -0.188 (\*\*\*) & (0.006)\\

Intercept & 38.7 (\*\*\*) & (0.27)\\

\hline

\end{tabular}

\end{table}

}

**Presentation**  
  
I) Research paper, blabla on obesity, research question Emmanuel  
  
II) Model Dataset Francois  
  
III) Results Elise  
  
IV) Conclusion Limitations Amr

Comments:

1) Abstract

which->whom

3.1)

Missing citation (Smith \& Christakis, 2008)

Missing ampersand Christakis \& Fowler

Missing ampersand Shalizi \& Thomas

3.2)

Missing ampersand Khayal, \& Pentland

4.1)

Missing so called transmission rate \beta

The SIS model is presented in (1)

where I is the number of ... and S is the number \beta ... g ... N

4.2)

Missing model described in 2

5.1)

no intervention program in place to avoid any bias introduced by the program

One difficulty ~~encountered~~ was to

6.1)

insert space 55and

Figure reference is socially assortative as shown in figure 2

Do we add someting on homophily?

6.2) replace outcome by results (repetition of outcome)

The parameteres we get this way->The estimated parameters do not seem reliable

short time scale of the study, which was less than five months.

6.3)

dependant -> dependent

Last sentence of the paragraph unfinished

6.5)

a more holistic approach where obesity is seen

smoke-free citation

6.6

netwoek->network

~~which often contains more fat~~

References & to be replaced by \&

Sotcker, Borer, Pluess, \& Buehler (2012). Cholera Epidemic in Haiti 2010. *ETH Course* *MSSSM FS12*

Jordi, Schmid, \& Stücheli (2012). Stochastic Simulation of Epidemic Outbreak in a large Network. *ETH Course* *MSSSM FS12*