

# #HEJC transcript

## Healthcare Social Media Transcript

**From:** Thu Feb 26 14:45:00 PST 2015  
**To:** Thu Feb 26 16:15:00 PST 2015  
*change time period*

What is **#HEJC**? Who were the influencers during this time period? **#HEJC analytics**

Healthcare Conference - Healthcare Tweet Chats - Healthcare Analytics

**aheblog**

**#HEJC** begins in 15 minutes. For more info visit: <http://t.co/BTzOwICP6b>  
Thu Feb 26 14:45:38 PST 2015

**aheblog**

Welcome to the latest **#HEJC**. For links to the paper and some possible discussion points visit <http://t.co/BTzOwICP6b>  
Thu Feb 26 15:02:19 PST 2015

**soggenis**

Good morning/afternoon/evening, welcome to **#HEJC** Topic: effect of income on obesity, focussing on Canadian study: <http://t.co/7aCMnfyIO2>  
Thu Feb 26 15:03:03 PST 2015

**soggenis**

So to get started, the study agreed with earlier Lindahl (2005) study in demonstrating a negative relationship between income and BMI **#HEJC**  
Thu Feb 26 15:05:30 PST 2015

**aheblog**

Feel free to introduce yourself and let us know what you thought of the paper. **#HEJC**  
Thu Feb 26 15:05:33 PST 2015

**aheblog**

A good way to track the conversation is via the **#HEJC @Twubs** page at <http://t.co/uf7M2dEqfC>  
Thu Feb 26 15:05:33 PST 2015

**soggenis**

But others (eg. Schmeiser (2009),Cawley (2010) found POSITIVE or NO relationship Why might there be significant variation in findings? **#HEJC**  
Thu Feb 26 15:06:57 PST 2015

**soggenis**

RT **@aheblog**: Feel free to introduce yourself and let us know what you thought of the paper. **#HEJC**  
Thu Feb 26 15:07:11 PST 2015

- chrissampson87** Hello #HEJC! Studies of this nature are majorly dependent on assumptions and modelling approaches  
Thu Feb 26 15:08:07 PST 2015
- chrissampson87** Not all that surprised by the variation. Makes it hard to know what to believe! #HEJC  
Thu Feb 26 15:08:31 PST 2015
- sognenis** For comparison, I'll provide a summary of each study, and their methodology. #HEJC  
Thu Feb 26 15:10:58 PST 2015
- chrissampson87** @SOgnenis squeezing the findings of a study into a tweet is a skill worth honing! #HEJC  
Thu Feb 26 15:12:17 PST 2015
- chrissampson87** I thought this study was a bit lacking in its reporting #HEJC  
Thu Feb 26 15:12:37 PST 2015
- chrissampson87** BMI data can be pretty dodgy. Would like to know what checks the authors did. Could be useful to others. #HEJC  
Thu Feb 26 15:13:34 PST 2015
- leathaleconomic** #HEJC how about we create a new BMI we all can agree on in future - irony on  
Thu Feb 26 15:15:52 PST 2015
- sognenis** Kpelitse et al (main study): Canadian Canadian Community Health Survey x5 Ages: 18 to 65, nonpregnant #HEJC <http://t.co/CAaGJjzTJc>  
Thu Feb 26 15:16:04 PST 2015
- chrissampson87** @leathaleconomic we can dream. Problem with BMI is you can combine erroneous height/weight and end up with realistic BMI #HEJC  
Thu Feb 26 15:16:42 PST 2015
- sognenis** Lindahl (2005) Sweden 1968 to 1981 Winners of lottery prizes ('truly exogenous factor' income) 1% income inc.=0.39% dec. in overweight #HEJC  
Thu Feb 26 15:18:02 PST 2015
- sognenis** @ChrisSampson87 @leathaleconomic If using same BMI calc however, does this mean the studies have more validity in results? #HEJC  
Thu Feb 26 15:19:00 PST 2015
- chrissampson87** The authors don't mention whether household income was normalised to household size #HEJC  
Thu Feb 26 15:20:54 PST 2015
- sognenis** Schmeiser 2009 USA Nat Longitudinal Survey of Youth 1979 cohort Income diff: Earned Income Tax Credit (EITC) #HEJC  
Thu Feb 26 15:21:00 PST 2015
- sognenis** Schmeiser 2009 results \$1k inc income=gain 0.84 to 1.84 lb (women) No significant effect found in men #HEJC  
Thu Feb 26 15:21:12 PST 2015

- chrissampson87** If not tendencies to have more or fewer children could bias results. I've found it important in the past. #HEJC  
Thu Feb 26 15:21:57 PST 2015
- chrissampson87** The study finds that larger household size = higher BMI and prob of obesity. But larger hh effectively = lower income per person #HEJC  
Thu Feb 26 15:22:59 PST 2015
- chrissampson87** Some of the effect may be lost #HEJC  
Thu Feb 26 15:23:13 PST 2015
- soggenis** Cawley 2010 USA Elderly Social Security Benefits Notch (<http://t.co/tOrGA3dPQt>) National Health Interview Survey #HEJC  
Thu Feb 26 15:23:33 PST 2015
- soggenis** Cawley 2010 results Some correlation found (obesity fell with income i.e. pos relationship) no significant causal relationship found #HEJC  
Thu Feb 26 15:23:57 PST 2015
- soggenis** @ChrisSampson87 good question. Confidential survey helps. Also p7: "individuals generally underreport weight and overreport height..." #HEJC  
Thu Feb 26 15:25:57 PST 2015
- soggenis** @ChrisSampson87 "...we address measurement error using self reported BMI bias correction proposed by Gorber (2008)". #HEJC  
Thu Feb 26 15:26:28 PST 2015
- chrissampson87** @SOggenis Still doesn't account for data reporting that people are 30ft tall and weighing half a ton!! #HEJC  
Thu Feb 26 15:28:22 PST 2015
- soggenis** @ChrisSampson87 Touché! Also from p7: "excluding individuals with missing or extreme BMI values." No definition of extreme, however. #HEJC  
Thu Feb 26 15:29:40 PST 2015
- chrissampson87** Are there any systematic reviews of methodologies used to determine income/health relationship? Would be useful #HEJC  
Thu Feb 26 15:29:45 PST 2015
- hpiandycowper** RT @ChrisSampson87: Are there any systematic reviews of methodologies used to determine income/health relationship? Would be useful #HEJC  
Thu Feb 26 15:30:15 PST 2015
- soggenis** Moving on to next discussion point: Are there ways in which #unemployment and neighbourhood #income might directly influence #BMI? #HEJC  
Thu Feb 26 15:33:57 PST 2015
- chrissampson87** @SOggenis If there are it would undermine their instrument #HEJC  
Thu Feb 26 15:35:10 PST 2015
- chrissampson87** Could suppose that unemployment = more leisure time = more exercise, but not sure #HEJC  
Thu Feb 26 15:36:09 PST 2015

**leathaleconomic**

#HEJC super old but useful <http://t.co/xIPr64IqWi>

Thu Feb 26 15:36:13 PST 2015

**sogennis**

@ChrisSampson87 It's funny you should ask! Campbell (2014) <http://t.co/iUrfEMr6As> but "should be read as discussion rather than guide" #HEJC

Thu Feb 26 15:36:46 PST 2015

**leathaleconomic**

#HEJC depends which unemployment- long term unemployment leads to depression and worsen health physio

Thu Feb 26 15:37:30 PST 2015

**chrissampson87**

@SOgennis sounds like a good basis for further review #HEJC

Thu Feb 26 15:38:28 PST 2015

**sogennis**

@ChrisSampson87 This was a confounder of original Grossman model: high opp. cost of time in high incomers = less time exercise #HEJC

Thu Feb 26 15:38:35 PST 2015

**sogennis**

RT @leathaleconomic: #HEJC super old but useful <http://t.co/xIPr64IqWi>

Thu Feb 26 15:38:49 PST 2015

**chrissampson87**

@leathaleconomic don't think the authors identified duration of unemployment. Could be important. #HEJC

Thu Feb 26 15:40:37 PST 2015

**sogennis**

@leathaleconomic Very interesting! There are supposed calorie counting watches around now. So won't be long I wouldn't have thought. #HEJC

Thu Feb 26 15:41:13 PST 2015

**chrissampson87**

Worrying that so many observations were dropped because income data missing. Other datasets aren't that bad. Wonder what went wrong. #HEJC

Thu Feb 26 15:41:31 PST 2015

**sogennis**

@ChrisSampson87 Is that an invitation to the good population of #HEJC?

Thu Feb 26 15:41:39 PST 2015

**sogennis**

@ChrisSampson87 @leathaleconomic certainly could be. Have reviewed paper and no mention of duration. CCHS takes snapshot every 2 yrs. #HEJC

Thu Feb 26 15:43:00 PST 2015

**chrissampson87**

RT @leathaleconomic: @ChrisSampson87 true, but creating the same with long und short unemployment dummy would be helpful, just to see #HEJC

Thu Feb 26 15:43:31 PST 2015

**mariamparwaiz**

RT @aheblog: #HEJC will begin in 1 hour. For more info visit: <http://t.co/BTzOwICP6b>

Thu Feb 26 15:44:44 PST 2015

**sogennis**

@ChrisSampson87 could this be due to the size of the survey? n = 100,000+ each survey Other studies generally smaller data sets. #HEJC

Thu Feb 26 15:44:52 PST 2015

**chrissampson87**

In places the authors talk about increases/decreases, when they are really talking about static differences. Gets confusing #HEJC

Thu Feb 26 15:45:13 PST 2015

**chrissampson87**

@SOgnenis Maybe. Almost a quarter dropped due to missing income data. Seems a lot for a survey of this nature. #HEJC

Thu Feb 26 15:47:27 PST 2015

**sognenis**

@leathaleconomic @ChrisSampson87 Yes! <http://t.co/4ALVpPIgDt> <http://t.co/dBEUv2yPyz> Also causal both ways? <http://t.co/beq7In8YWs> #HEJC

Thu Feb 26 15:47:35 PST 2015

**sognenis**

Next point, on broader policy note Is it concern policies to increase household income be regarded pure, explicit pub health policy? #HEJC

Thu Feb 26 15:49:50 PST 2015

**sognenis**

Also interesting to find through literature often a difference in income/weight relationship between men and women #HEJC

Thu Feb 26 15:50:49 PST 2015

**sognenis**

In Kpelitse, women: 1% rise income=0.113 BMI dec; 0.76% dec obese, effect across BMI levels (but larger effect at higher BMI) #HEJC

Thu Feb 26 15:52:04 PST 2015

**chrissampson87**

Study seems to show that if we should give money to anybody, it's to women #HEJC

Thu Feb 26 15:52:29 PST 2015

**sognenis**

However, In Kpelitse, men: 1% rise income=0.027 BMI dec; 0.27% dec obese, effect ONLY at higher BMI distribution #HEJC

Thu Feb 26 15:52:40 PST 2015

**chrissampson87**

Not a policy initiative I have any problem with! #HEJC

Thu Feb 26 15:53:20 PST 2015

**sognenis**

@leathaleconomic @ChrisSampson87 Also the study found variation: Men: neg effect on BMI only if employed; neg effect obesity if UE #HEJC

Thu Feb 26 15:54:11 PST 2015

**sognenis**

@leathaleconomic @ChrisSampson87 Women: consistent relationship, across employment status. #HEJC

Thu Feb 26 15:54:36 PST 2015

**chrissampson87**

I'd like to know to what extent the test sample is representative of Canadian adults, and what kind of people were dropped from data #HEJC

Thu Feb 26 15:54:48 PST 2015

**sognenis**

@ChrisSampson87 large survey, and F/U every 2 yrs. All ages essentially, all provinces. But some areas eg. Indian reserves excluded #HEJC

Thu Feb 26 15:57:55 PST 2015

**chrissampson87**

@leathaleconomic #HEJC: demanding answers since 2013

Thu Feb 26 15:59:07 PST 2015

**sognenis**

@ChrisSampson87 Would certainly be interested in that. Study just 4 iterations = less people dropped? #HEJC

Thu Feb 26 15:59:26 PST 2015

**sogennis**

@leathaleconomic @ChrisSampson87 Great idea! Unfortunate that none on Twitter. But certainly worth doing! #HEJC.

Thu Feb 26 16:01:44 PST 2015

**chrissampson87**

@SOgennis we need a lot more information to determine whether the findings are generalisable #HEJC

Thu Feb 26 16:02:19 PST 2015

**chrissampson87**

Well that's another useful #HEJC done and dusted. Where were you, #healthconomics world?

Thu Feb 26 16:04:54 PST 2015

**aheblog**

That's all for #HEJC for now. Thanks for taking part. A transcript will be available shortly at <http://t.co/BTzOwICP6b>

Thu Feb 26 16:05:25 PST 2015

**sogennis**

@ChrisSampson87 fair point, though fair to say on balance, women side of ledger more promising in terms of effect, and thus ?policy #HEJC

Thu Feb 26 16:06:04 PST 2015

**sogennis**

RT @aheblog: That's all for #HEJC for now. Thanks for taking part. A transcript will be available shortly at <http://t.co/BTzOwICP6b>

Thu Feb 26 16:06:22 PST 2015

**chrissampson87**

@SOgennis I think I'd agree with that! #HEJC

Thu Feb 26 16:06:45 PST 2015

**leathaleconomic**

Alright guys it was a pleasure, good night #HEJC

Thu Feb 26 16:11:20 PST 2015

**sogennis**

RT @leathaleconomic: Alright guys it was a pleasure, good night #HEJC

Thu Feb 26 16:12:53 PST 2015