

# Mapping half a million petition signatures using R

Andy South

[andysouth.co.uk](http://andysouth.co.uk)

@southmapr

# La plataforma de peticiones ¿Qué quieres cambiar?

Inicia una petición

La unidad de cardiología infantil en Las Palmas no se cierra

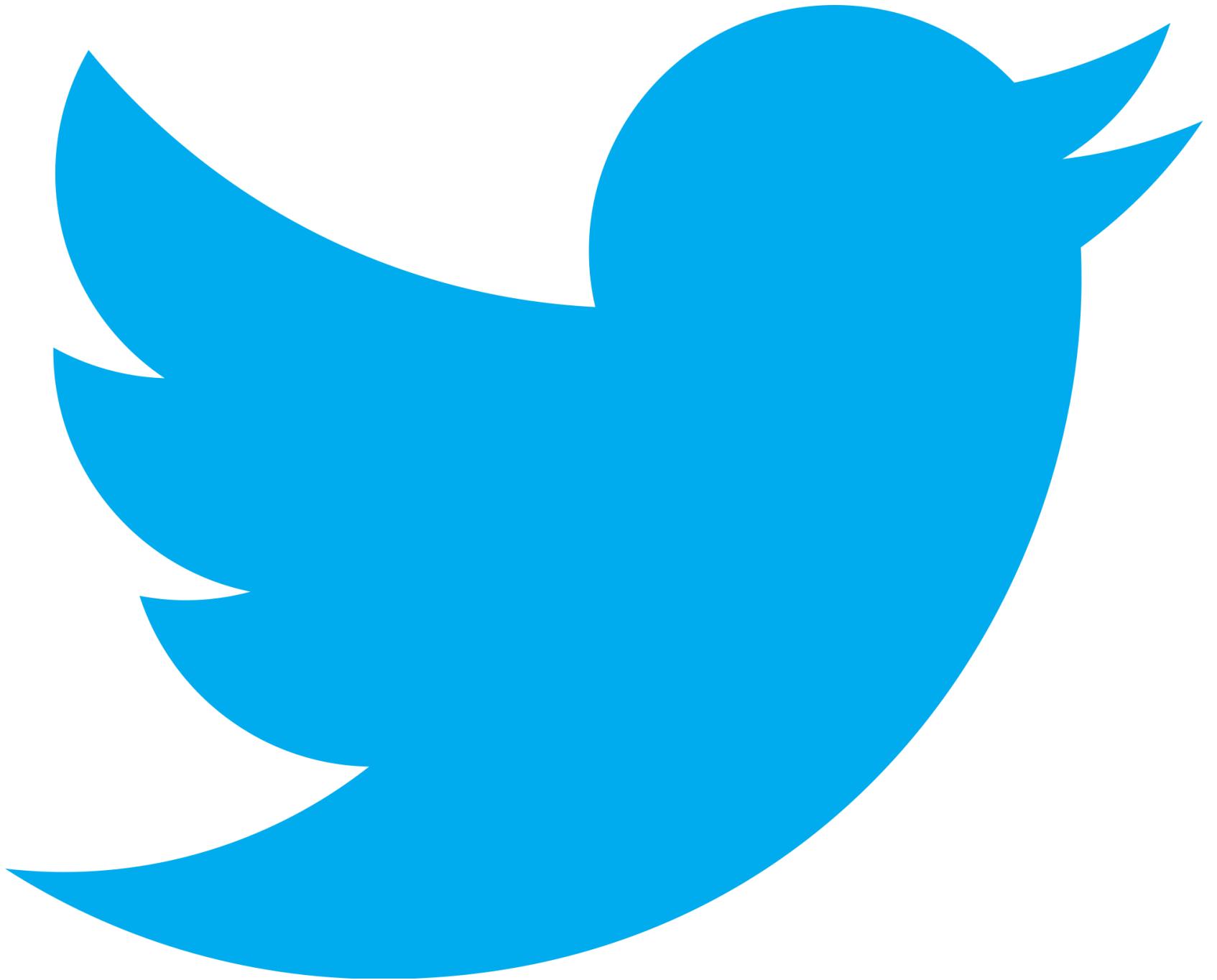
Ganada con 46.788 firmas



Está pasando

196 países · 188.871.636 firmas · Miles de





# £53/wk? Prove it IDS

Petitioning Iain Duncan Smith ▾

## Iain Duncan Smith: Iain Duncan Smith to live on £53 a week.

### Sign this petition

with 478,254 supporters



First Name

Last Name

Email

City

Why is this important to you?  
(Optional)

Sign >

Display my signature on Change.org

By signing, you accept Change.org's [terms of service](#) and [privacy policy](#).

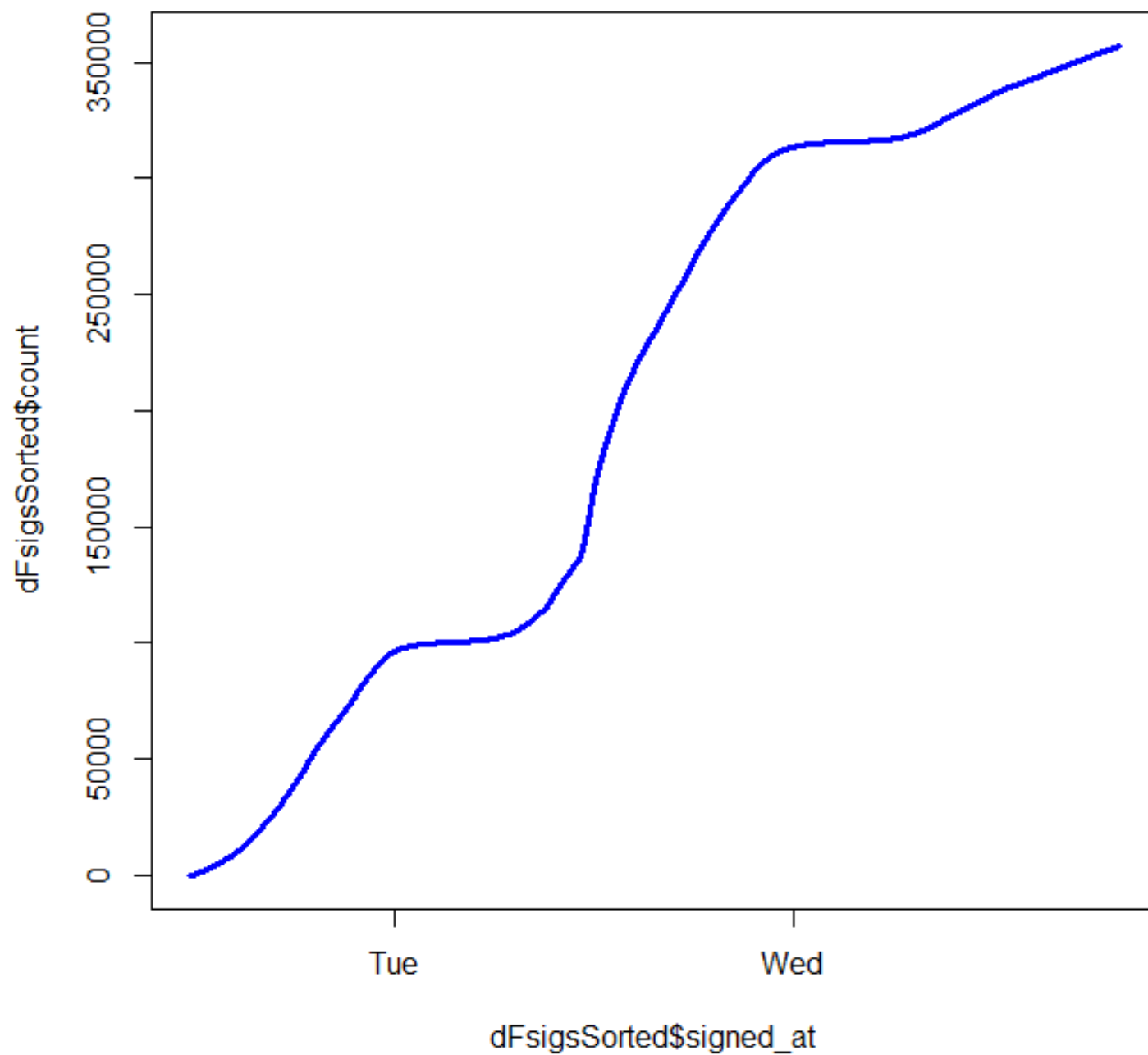
**API\***

\*application programming interface



Barry  
Rowlingson

[https://github.com/  
barryrowlingson/changer](https://github.com/barryrowlingson/changer)





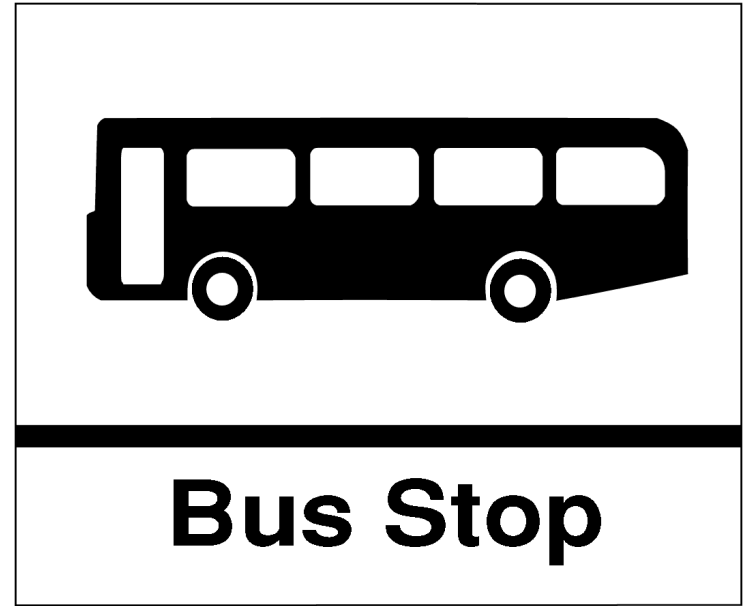
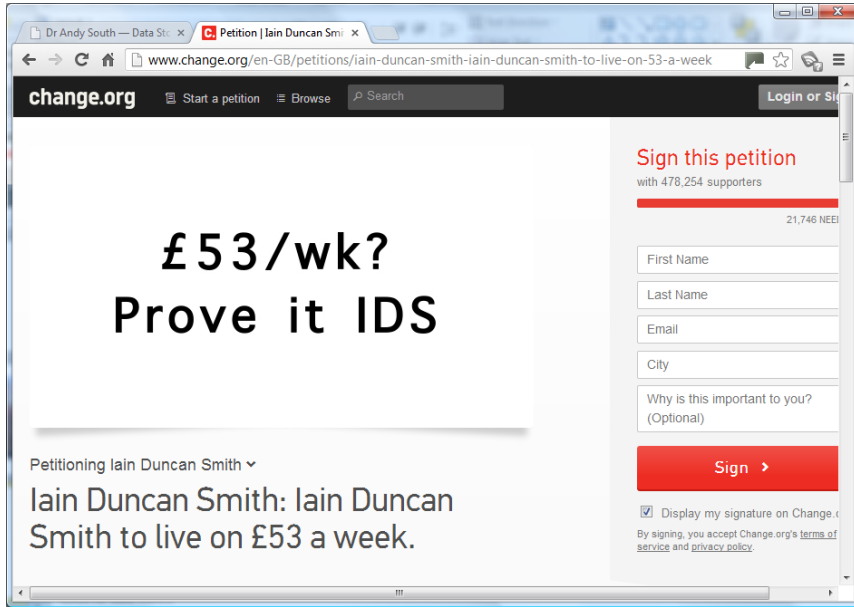
# Geocode\*

\*finding geographic coordinates from other data



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**Bus Stop**



coordinates

Javier Bardem  
Penelope Cruz  
Julio Medem

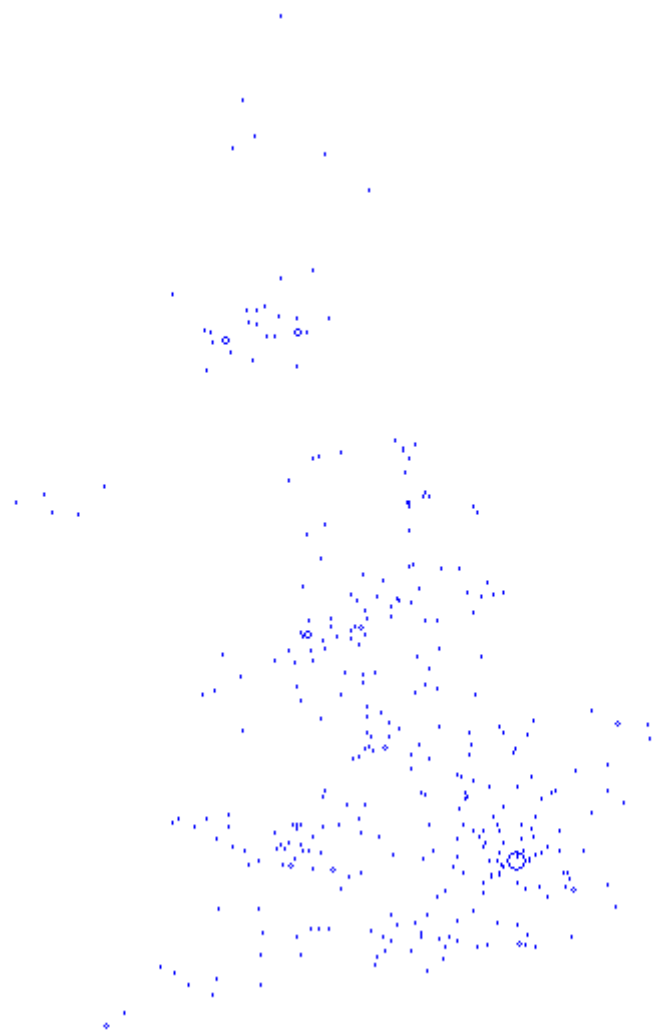
Burnley  
Doncaster  
Norwich

Northampton	68,18
Norwich	76,24
Nottingham	56,32



symbols( x = dFcity\$Easting,  
y = dFcity\$Northing,  
circles = dFcity\$numSignatures )

First 1,000 signatures in 33 mins



# How many signed the IDS petition in your town ?

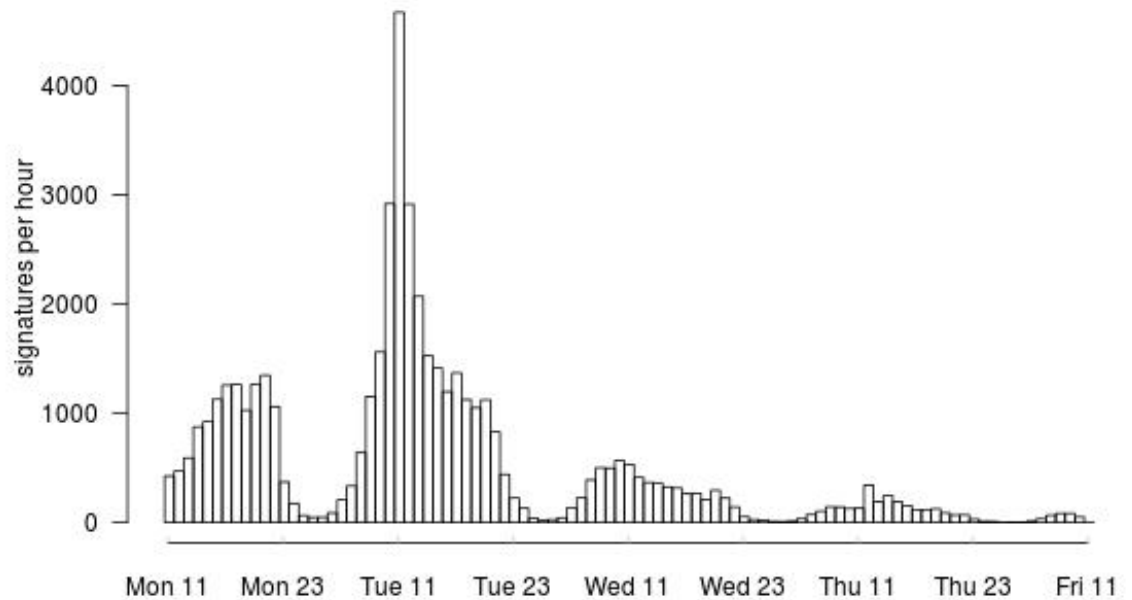
Town starting with :

2nd Letter :

Choose a town :

[Map](#) [Rank Table](#) [Bars](#) [Timeline \(slow\)](#) [About](#)

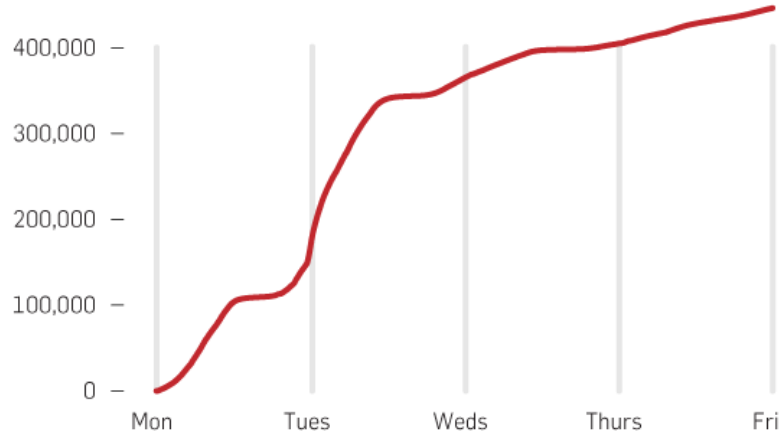
54292 people from London signed.



# CHANGE.ORG IDS PETITION

We call on Iain Duncan Smith to prove his claim to be able to live on £7.57 a day, or £53 a week, by doing so for one year.

**438,000 of us (and counting)**



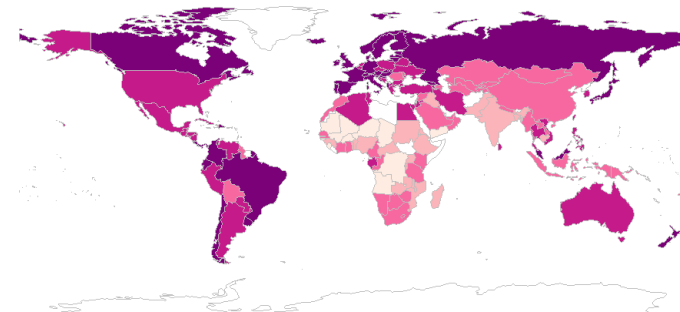
**From every corner  
of Great Britain**



Made using R by  
@southmapr  
@carbonrich  
@geospacedman

andysouth.co.uk  
@southmapr

worldmap



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