bicincittaProblems

May 6, 2015

1 Problems in the Bicincitta data set from 2013

There are problems with the Bicincitta data that we need to address before loading the data into a reliable and proper data-base. We will point out these problems using examples, and measure their magnitude using systematic analysis, and then speculate about the source of these problems.

1.1 Data

We will load the data from JSONs provided to us by Bicincitta at the end of April 2015.

```
In [593]: import os
          import json
          import pandas as pd
          import matplotlib
          matplotlib.style.use('ggplot')
          %matplotlib inline

          #because the strings in the jsons are web-quoted we will need to unquote them
          import urllib

          bikedatapath = os.path.join("Bicincitta_Drop", "datasets_2013")
          stnfile = file(os.path.join(bikedatapath, "stations.json"), "r")
          subnetfile =  file(os.path.join(bikedatapath, "subnetworks.json"), "r")
          userfile =  file(os.path.join(bikedatapath, "users.json"), "r")
          trxnfile =  file(os.path.join(bikedatapath, "transactions.json"), "r")

          subnets = json.load(subnetfile)[u'RECORDS']
          subnetfile.close()
          stations = json.load(stnfile)[u'RECORDS']
          stnfile.close()
          users = json.load(userfile)[u'RECORDS']
          userfile.close()
          trxns = json.load(trxnfile)[u'RECORDS']
          trxnfile.close()
```

The resulting data is in the form of lists of dictionaries. We can take a peek at the keys in each of the four data types, by creating a data frame and displaying the first few rows.

```
In [594]: print "a subnetwork is described by "
          pd.DataFrame(subnets).head()
```

a subnetwork is described by

```
Out[594]:    id            name
        0    1          La Cote
        1    3            Bulle
        2    4  Les Lacs-Romont
        3    5             Bâle
        4   13         PubliBike

In [595]: print "a station is described by "
          pd.DataFrame(stations).head()

a station is described by

Out[595]:     id           latitude          longitude                       name  \
        0    145  46.228466314214494  7.350518703460693             Ancien-Stand
        1    147  46.230767099149595  7.373178005218506               Bietschhorn
        2    141            46.26061            6.94682    Centre Manor - Monthey
        3    134            46.31715            6.96444            Gare d´Aigle
        4    135           46.317696           6.969498  Hotel de Ville - Aigle


             subnetwork_id
        0                7
        1                7
        2                6
        3                6
        4                6

In [596]: print "a user is described by "
          pd.DataFrame(users).head()

a user is described by

Out[596]:    address expires gender      id postal_code subnetwork_id
        0                        M   83875                          13
        1                        M       3                           9
        2                        M       5                           9
        3                        M       6                           9
        4                        M       7                           9

In [597]: print "a transaction is described by "
          pd.DataFrame(trxns).head()

a transaction is described by

Out[597]:                     created_at  direction          event_time       id  \
        0  04/29/2015 10:30:16.436905  check-out  05/03/2013 06:26:26  506249
        1   04/29/2015 10:30:16.44505   check-in  05/03/2013 06:33:38  506250
        2  04/29/2015 10:30:16.481545  check-out  05/03/2013 06:43:30  506251
        3  04/29/2015 10:30:16.486946   check-in  05/03/2013 06:43:30  506252
        4  04/29/2015 10:30:16.521075  check-out  05/03/2013 06:50:58  506253


           station_id                  updated_at user_id
        0         192  04/29/2015 10:30:16.436905   88849
        1         188   04/29/2015 10:30:16.44505   88849
        2         131  04/29/2015 10:30:16.481545   87701
        3         131  04/29/2015 10:30:16.486946   87701
        4         185  04/29/2015 10:30:16.521075   87518
```

The resulting dictionaries have ids that are UTF-8 strings. We can change these to integers to make our work easier,

```
In [600]: for sn in subnets:
              sn['id'] = int(sn['id'])

          for st in stations:
              st['id'] = int(st['id'])
              st['subnetwork_id'] = int(st['subnetwork_id'])
              st['name'] = urllib.unquote_plus(st['name'])

          for u in users:
              u['subnetwork_id'] = int(u['subnetwork_id'])
              u['id'] = int(u['id'])
              u['address'] = urllib.unquote_plus(u[u'address'])

          for t in trxns:
              t['id'] = int(t['id'])
              t['station_id'] = int(t['station_id'])
              t['user_id'] = int(t['user_id'])
```

There are keys in a transaction that do not seem to correspond to the data, but refer to the time at which the data was loaded into the JSON provided to us. We will drop these variables, and change the *event_time* to a time object. Following that we will sort the transactions by the event time

```
In [601]: from datetime import datetime

          trxns = [ {u'direction': t[u'direction'],
                     u'user_id': t[u'user_id'],
                     u'event_time': datetime.strptime(t[u'event_time'],
                                                      "%m/%d/%Y %H:%M:%S"),
                     u'station_id': t[u'station_id'],
                     u'id': t[u'id']}
                  for t in trxns]

          trxns = sorted(trxns, key = lambda t: t[u'event_time'])
```

We also sort the subnetworks and stations by their *id*.

```
In [602]: subnets = sorted(subnets, key = lambda s: s[u'id'])
          stations = sorted(stations, key = lambda s:s[u'id'])
```

Stations and users have been assigned a *subnetwork_id* in the data. We can add the subnetwork name to these data,

```
In [603]: for s in stations:
              s[u'subnetwork_name'] = subnets[s['subnetwork_id'] - 1][u'name']

          for u in users:
              i = u['subnetwork_id'] - 1
              if i < len(subnets):
                  u[u'subnetwork_name'] = subnets[i][u'name']
              else:
                  u[u'subnetwork_name'] = u'unknown'
```

1.2 Subnetworks for stations and users

Are the *subnetwork_id*s for stations and users sensible? The subnetworks that the stations fall in are

```
In [604]: stn_sns = set( [s[u'subnetwork_id'] for s in stations] )
          subnetsWithStns = [ s for s in subnets if s[u'id'] in stn_sns]
          print "Subnetworks that have stations assigned to them"
          pd.DataFrame(subnetsWithStns)
```

Subnetworks that have stations assigned to them

```
Out[604]:      id              name
          0     1           La Cote
          1     2     Agglo Fribourg
          2     3             Bulle
          3     4    Les Lacs-Romont
          4     6          Chablais
          5     7     Valais Central
          6     8  Yverdon-les-Bains
          7     9    Lausanne-Morges
          8    10            Campus
          9    11           Riviera
          10   12    Lugano-Paradiso
```

We see that stations cover only 11 of the 18 subnetworks. Looking at the subnetworks with no stations,

```
In [605]: subnetsWithoutStns = [ s for s in subnets if s[u'id'] not in stn_sns]
          print "Subnetworks without any assigned stations"
          pd.DataFrame(subnetsWithoutStns)
```

Subnetworks without any assigned stations

```
Out[605]:     id       name
          0    5       Bâle
          1   13  PubliBike
          2   14      Vevey
          3   15     Morges
          4   16      Ouchy
          5   17   Paradiso
          6   18       Cern
```

we can see why there are no stations corresponding to these subnetworks. Basel, and Cern because Bicincitta have not given us data for these regions. Vevey, Morges, Ouchy, and Paradiso include stations subsumed by other subnetworks. These networks may be a remnant from previous versions of the data. This leaves **PubliBike** unexplained. As it turns out, there are users that have been assigned the subnetwork PubliBike (*id* 13). In fact we see later that the users who have registered transactions in the data have been assigned only PubliBike, and no other subnetwork.

```
In [606]: users_pub = [u for u in users if u[u'subnetwork_id'] == 13]
          print "Number of users from subnetwork PubliBike", len(users_pub)
```

Number of users from subnetwork PubliBike 58927

Users that have been assigned subnetwork PubliBike compose 70% of the total users in the data. However we are not going to see PubliBike in any of their transactions as there are no stations for the subnetwork PubliBike! What about other subnetworks without stations?

```
In [607]: user_sns = set(u['subnetwork_id'] for u in users)

          subnetsWithUsers = [ s for s in subnets if s[u'id'] in user_sns]

          print "subnetworks assigned to users"
          pd.DataFrame(subnetsWithUsers)

subnetworks assigned to users

Out[607]:     id                name
          0    2      Agglo Fribourg
          1    6             Chablais
          2    7       Valais Central
          3    8    Yverdon-les-Bains
          4    9      Lausanne-Morges
          5   10              Campus
          6   12     Lugano-Paradiso
          7   13            PubliBike
          8   14                Vevey
          9   16                Ouchy
          10  17             Paradiso
          11  18                 Cern

In [608]: print "subnets without any users"
          subnetsWithoutUsers = [ s for s in subnets if s[u'id'] not in user_sns]
          pd.DataFrame(subnetsWithoutUsers)

subnets without any users

Out[608]:    id                name
          0   1            La Cote
          1   3              Bulle
          2   4    Les Lacs-Romont
          3   5                Bâle
          4  11            Riviera
          5  15             Morges
```
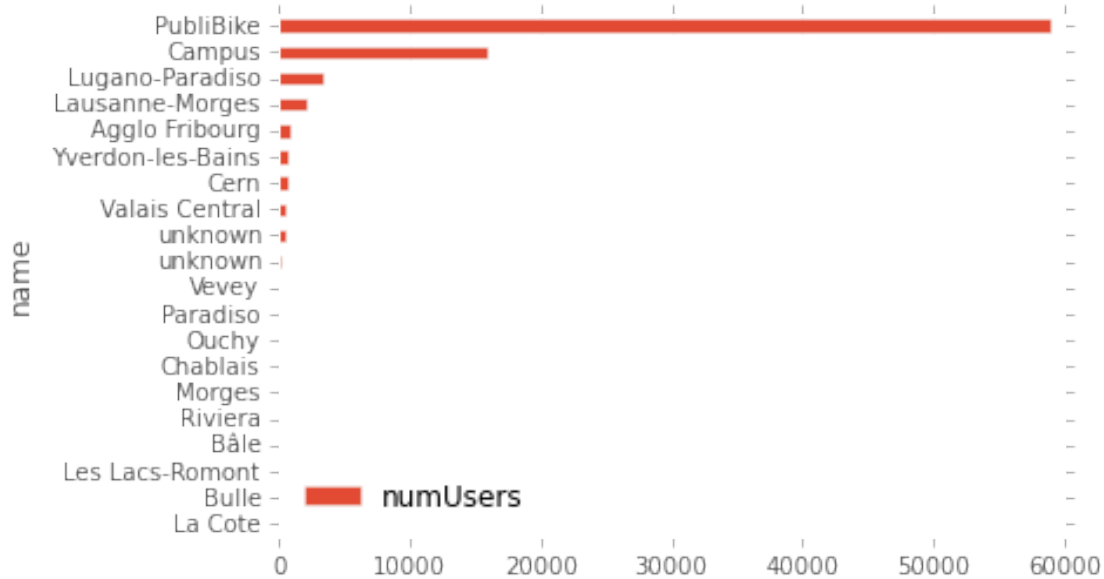
Comparing the subnets for users to subnets with stations we see that there are **only 7 subnets** for which we have stations as well as users,

```
In [609]: print "subnets with stations as well as users"
          subnetsValid = [s for s in subnets if s[u'id'] in user_sns and s[u'id'] in stn_sns]
          pd.DataFrame(subnetsValid)

subnets with stations as well as users

Out[609]:    id                name
          0   2      Agglo Fribourg
          1   6             Chablais
          2   7       Valais Central
          3   8    Yverdon-les-Bains
          4   9      Lausanne-Morges
          5  10              Campus
          6  12     Lugano-Paradiso
```

As a summary, let us tabulate the fraction of users in each of the subnets,

```
In [610]: all_sns = list(set(s['id'] for s in subnets).union(set(u['subnetwork_id'] for u in users)))
          all_sns_names = {i: subnets[i - 1][u'name'] if i <= len(subnets)
                                                         else 'unknown'
                           for  i in all_sns}
          subnet_numUsers = [{u'id': i,
                              u'name': all_sns_names[i],
                              u'numUsers': user_sns_list.count(i)}
                             for i in all_sns]
          subnet_numUsers = sorted(subnet_numUsers, key=lambda s: s[u'numUsers'] )

In [611]: pd.DataFrame(subnet_numUsers)

Out[611]:       id               name  numUsers
          0       1           La Cote         0
          1       3             Bulle         0
          2       4   Les Lacs-Romont         0
          3       5              Bâle         0
          4      11           Riviera         0
          5      15            Morges         0
          6       6          Chablais         3
          7      16             Ouchy         3
          8      17          Paradiso         3
          9      14             Vevey         4
          10   2011           unknown       152
          11   2005           unknown       469
          12      7     Valais Central       530
          13     18              Cern       721
          14      8  Yverdon-les-Bains       773
          15      2     Agglo Fribourg       810
          16      9   Lausanne-Morges      2183
          17     12    Lugano-Paradiso      3425
          18     10            Campus     15871
          19     13          PubliBike     58927

In [612]: sn_nu = pd.DataFrame(subnet_numUsers)[  ['name', 'numUsers']]
          sn_nu.index = sn_nu.name
          sn_nu.plot(kind="barh")

Out[612]: <matplotlib.axes._subplots.AxesSubplot at 0x116071510>
```

So, most of the users are in PubliBike, which could create a problem as there are no stations associated to PubliBike. Lets first look at the transactions before we try to find a solution to this problem.

1.3 Transaction users, stations, and subnetworks

We begin by looking at how many users actually use the bike system (have valid transactions)

```
In [613]: trxn_users = set( t['user_id'] for t in trxns)
          print "fraction of users who have registered a transaction", (1.*len(trxn_users))/len(users)
```

```
fraction of users who have registered a transaction 0.10673152586
```

Only 10% users have registered a transaction! Are all the transactions of a user in the same subnetwork?

```
In [614]: users_d = { u[u'id']: u for u in users}

          user_trxn_stations = {u: {u'user_id': u,
                                    u'stations': set(),
                                    u'assigned_subnet': users_d[u][u'subnetwork_id']}
                                for u in trxn_users }

          stn_subnet = { s[u'id']: s[u'subnetwork_id'] for s in stations}

          for t in trxns:
              user_trxn_stations[t[u'user_id']][u'stations'].add( t[u'station_id'])

          for u in user_trxn_stations.keys():
              user = user_trxn_stations[u]
              user[u'numStations'] = len(user[u'stations'])
              user[u'subnetworks'] = set( stn_subnet[s] for s in user[u'stations'] )
              user[u'numSubnets'] = len(user[u'subnetworks'])
```

```
In [615]: pd.DataFrame(user_trxn_stations.values()).head()
```

```
Out[615]:    assigned_subnet  numStations  numSubnets                            stations  \
          0               13            2           1                     set([163, 165])
          1               13            2           1                     set([163, 171])
          2               13            5           1   set([163, 164, 171, 166, 165])
          3               13            1           1                          set([163])
          4               13            2           1                     set([170, 172])

             subnetworks  user_id
          0   set([10])    98305
          1   set([10])    98312
          2   set([10])    98315
          3   set([10])    98318
          4   set([10])    98329
```

```
In [616]: sns = [ u[u'numSubnets'] for u in user_trxn_stations.values()]
          dict(zip(set(sns), [sns.count(s) for s in set(sns)]))
```

```
Out[616]: {1: 7139, 2: 1399, 3: 321, 4: 78, 5: 8, 6: 1, 7: 4, 8: 2}
```

```
In [617]: stns = [ u[u'numStations'] for u in user_trxn_stations.values()]
          dict(zip(set(stns), [stns.count(s) for s in set(stns)]))
```

```
Out[617]: {1: 1533,
           2: 2780,
           3: 1938,
           4: 1226,
           5: 746,
           6: 317,
           7: 219,
           8: 77,
           9: 50,
           10: 19,
           11: 16,
           12: 2,
           13: 6,
           14: 7,
           15: 4,
           18: 2,
           19: 1,
           22: 4,
           23: 1,
           43: 2,
           46: 1,
           56: 1}
```

We are getting lost here. A simple question might guide us. How many transactions belong to Publibike users (who have subnetwork_id PubliBike) ?

```
In [618]: trxn_user_subnets = [users_d[t[u'user_id']] [u'subnetwork_id'] for t in trxns]
          print "the subnetworks of the users who make transactions make a", set(trxn_user_subnets)

the subnetworks of the users who make transactions make a set([13])
```

So, **from the view point of the users, all the transactions are in the subnetwork PubliBike**

```
In [619]: len(trxns_user_subnets) - len(trxns)
```

```
Out[619]: 0
```

How many transactions in a subnetwork of the stations?

```
In [620]: stations_d = { s[u'id']: s for s in stations}
          trxn_stn_subnets = [ stations_d[t[u'station_id']] [u'subnetwork_id'] for t in trxns ]
```
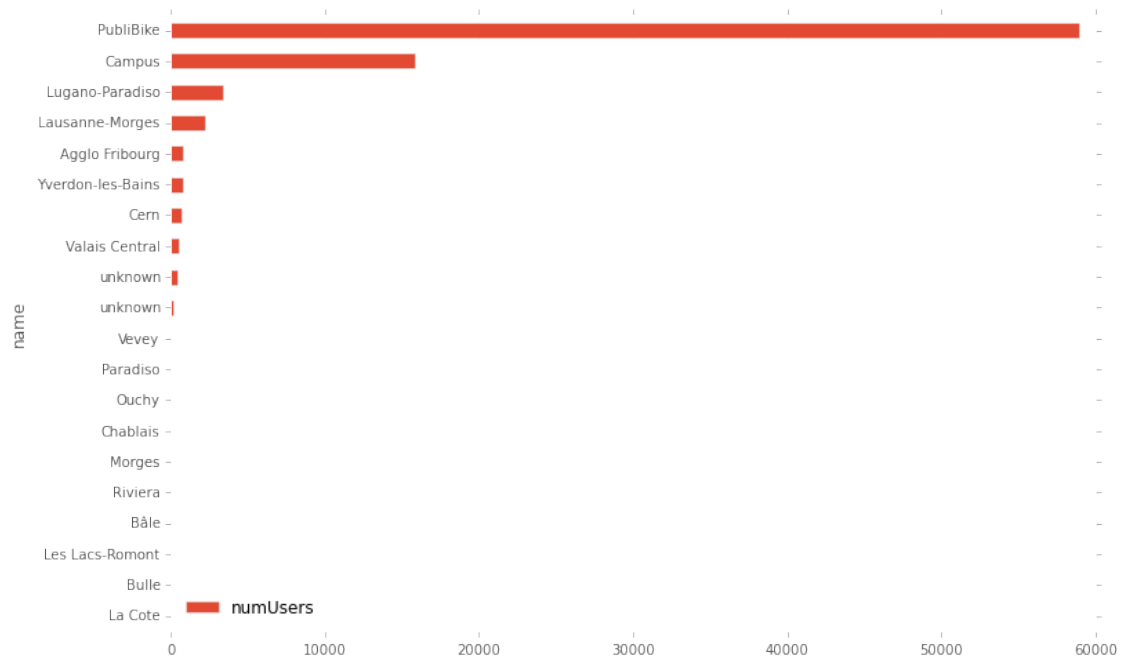
Now we can make a table for subnetworks, counting the number of trxns through user and station *subnetwork_id*, in addition to the number of users.
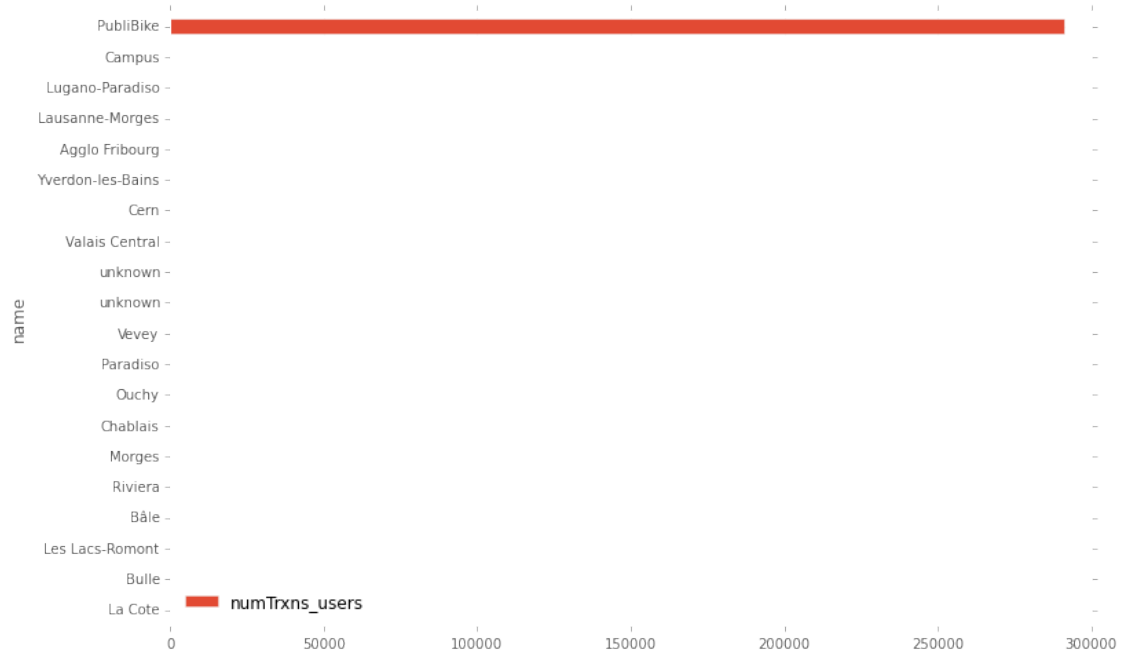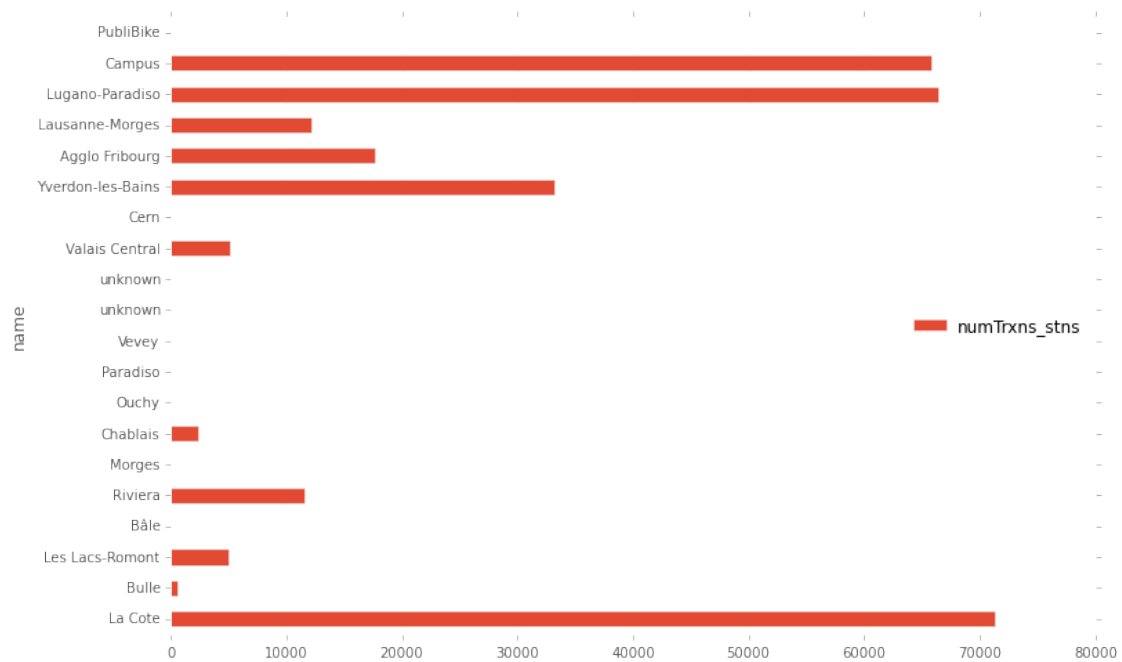
```
In [621]: all_sns = list(set(s['id'] for s in subnets).union(set(u['subnetwork_id'] for u in users)))
          all_sns_names = {i: subnets[i - 1][u'name'] if i <= len(subnets)
                                                      else 'unknown'
                          for  i in all_sns}
          stn_sns = [ s[u'subnetwork_id'] for s in stations]
          subnet_nums = [{u'id': i,
                          u'name': all_sns_names[i],
                          u'numStations': stn_sns.count(i),
                          u'numUsers': user_sns_list.count(i),
                          u'numTrxns_stns': trxn_stn_subnets.count(i),
                          u'numTrxns_users': trxn_user_subnets.count(i) }

                          for i in all_sns]
          subnet_nums = sorted(subnet_nums, key=lambda s: s[u'numUsers'] )
```

```
In [622]: subnet_nums_df = pd.DataFrame(subnet_nums)
          subnet_nums_df.index = subnet_nums_df.name
          subnet_nums_df[["numUsers"]].plot(kind="barh", figsize=(12,8))
          subnet_nums_df[["numTrxns_stns"]].plot(kind="barh",  figsize=(12,8))
          subnet_nums_df[["numTrxns_users"]].plot(kind="barh", figsize=(12,8))
```

```
Out[622]: <matplotlib.axes._subplots.AxesSubplot at 0x117ddb450>
```

```
In [623]: subnet_nums_df = subnet_nums_df.sort(['numStations'])
          pd.DataFrame(subnet_nums_df)
```

Out[623]:

	id	name	numStations	numTrxns_stns
name				
Vevey	14	Vevey	0	0

Cern	18	Cern	0	0
unknown	2005	unknown	0	0
unknown	2011	unknown	0	0
Paradiso	17	Paradiso	0	0
Ouchy	16	Ouchy	0	0
PubliBike	13	PubliBike	0	0
Morges	15	Morges	0	0
Bâle	5	Bâle	0	0
Bulle	3	Bulle	2	566
Riviera	11	Riviera	5	11576
Valais Central	7	Valais Central	7	5077
Les Lacs-Romont	4	Les Lacs-Romont	9	4964
Yverdon-les-Bains	8	Yverdon-les-Bains	9	33227
Agglo Fribourg	2	Agglo Fribourg	10	17630
Chablais	6	Chablais	10	2377
Lausanne-Morges	9	Lausanne-Morges	11	12157
Lugano-Paradiso	12	Lugano-Paradiso	13	66415
La Cote	1	La Cote	13	71292
Campus	10	Campus	15	65853

name	numTrxns_users	numUsers
Vevey	0	4
Cern	0	721
unknown	0	469
unknown	0	152
Paradiso	0	3
Ouchy	0	3
PubliBike	291134	58927
Morges	0	0
Bâle	0	0
Bulle	0	0
Riviera	0	0
Valais Central	0	530
Les Lacs-Romont	0	0
Yverdon-les-Bains	0	773
Agglo Fribourg	0	810
Chablais	0	3
Lausanne-Morges	0	2183
Lugano-Paradiso	0	3425
La Cote	0	0
Campus	0	15871

```
In [624]: users_with_adr = [u for u in users if u[u'address'] != '']
          pd.DataFrame(users_with_adr).head()
```

```
Out[624]:                 address expires gender    id postal_code  subnetwork_id  \
          0      Bd de Grancy 37           F   295        1005              9
          1      Rue du Caudray 36         F   300        1020              9
          2      Rue des Fossés 21         M   303         111              9
          3  Avenue de la Vogeaz 1         M   304        1110              9
          4  Boulevard de Grancy 5         M   305        1006              9

             subnetwork_name
          0  Lausanne-Morges
```

```
        1  Lausanne-Morges
        2  Lausanne-Morges
        3  Lausanne-Morges
        4  Lausanne-Morges
```

```python
In [693]: def addressWithZip(a, z):
              #some zip codes have 5 figures, clearly wrong for CH
              if type(z) != str: z = str(z)
              try:
                  z = "".join(list(z)[0:4]).encode("utf-8")
              except:
                  z = ""
              az = (strip(a) + "; " + strip(z)).lower()
              az = az.replace("av ", "avenue ").replace("ch ", "chemin ")
              az = az.replace("ch. ", "chemin ").replace("av. ", "avenue ").encode("utf-8")
              return az.replace("ave. ", "avenue ")


          uadr = [addressWithZip(u[u'address'], u[u'postal_code'])
                  for u in users_with_adr]


          uuadr = list(set(uadr))
          len(uadr), len(uuadr)
```

```
Out[693]: (21659, 15446)
```

```python
In [692]: type("aaaa")
```

```
Out[692]: str
```

```python
In [694]: users_byAddr = { a: [] for a in uuadr}

          for u in users_with_adr:
              a = addressWithZip(u[u'address'], u[u'postal_code'])
              users_byAddr[a].append( {u'gender': u[u'gender'],
                                       u'addressOriginal': u[u'address'],
                                       u'id': u[u'id'],
                                       u'subnetwork_id': u[u'subnetwork_id'],
                                       u'expires': u[u'expires']})

          addr_numUsers = sorted([(k, len(v)) for k, v in users_byAddr.items()], key=lambda (k, l): -l)
```

What fraction of unique addresses have multiple users?

```python
In [695]: print (1.*sum(  l > 1 for k, l in addr_numUsers))/len(addr_numUsers)
```

```
0.230545124951
```

How many users at addresses with multiple users?

```python
In [696]: print sum( l for k, l in addr_numUsers if l > 1)
```

```
9774
```

which corresponds to a fraction of all users with available address,

```python
In [697]: print (1.*sum( l for k, l in addr_numUsers if l > 1))/len(users_with_adr)
```

0.451267371531

Multiple users at the same address could be actual multiple people, or multiple registrations by the same person, or a glitch in the data. We can consider as an example the address with the most multiplicity of 53,

```
In [699]: print "address: ", addr_numUsers[0][0], ", number of users: ", addr_numUsers[0][1]
          pd.DataFrame(users_byAddr[addr_numUsers[0][0]]).head()

address:  via lambertenghi 1; 6900 , number of users:  53

Out[699]:        addressOriginal expires gender     id  subnetwork_id
          0  via lambertenghi 1              F  11352             12
          1  Via Lambertenghi 1              F  11379             12
          2  Via Lambertenghi 1              F  11609             12
          3  Via Lambertenghi 1              F  11746             12
          4  Via Lambertenghi 1              F  12289             12
```

We could say more about the multiple users at the same address if we look at their transactions. However as it turns out, we do not have addresses for users who have registered transactions in the data,

```
In [700]: print( any( users_d[uid][u'address'] != u'' for uid in trxn_users))

False
```

We can look at the subnetwork with addresses assigned to the *multi* users,

```
In [716]: users_uniqueAdr = {a: us for a, us in users_byAddr.items()
                             if len(us) == 1}

          users_multiAdr = {a: us for a, us in users_byAddr.items()
                            if len(us) > 1}

          users_multiAdr_sns = [list(set(u[u'subnetwork_id'] for u in us))
                                for a, us in users_multiAdr.items()]

          users_multiAdr_multiSN = { a: us for a, us in users_multiAdr.items()
                                     if len( set(u[u'subnetwork_id'] for u in us)) > 1}
          print "subnetworks with addresses assigned to multiple users", set([ s for sns in users_multiA
```

subnetworks with addresses assigned to multiple users set([2, 7, 8, 9, 10, 12, 18, 2005, 2011])

Some of the multi-user addresses have more than one subnetworks (through the users at that address)

```
In [702]: print "Subnetworks for users living at addresses with multiple registered users"
          subnets_d = {s[u'id']: s for s in subnets}

          multiAdrMultiSN = []
          for a, us in users_multiAdr_multiSN.items():
              snnames = set(subnets_d[s][u'name'] if subnets_d.has_key(s) else str(s)
                            for s in set(u[u'subnetwork_id'] for u in us))
              multiAdrMultiSN.append( {u'address': a,
                                       u'addressOriginal': us[0]['addressOriginal'],
                                       u'numUsers': len(us),
                                       u'subnetworks': snnames})

          #print(pd.DataFrame(multiAdrMultiSN).to_string())
          pd.DataFrame(multiAdrMultiSN).sort(['numUsers'], ascending=False)
```

Subnetworks for users living at addresses with multiple registered users

address   addressOriginal \
143   avenue des bains 9; 1007   Avenue des Bains 9
40   route cantonale 33; 1025   Route Cantonale 33
105   avenue des bains 11; 1007   Avenue des bains 11
48   place du tunnel 17; 1005   Place du Tunnel 17
90   avenue de l'eglise anglaise 12; 1006 av de l'eglise anglaise 12
74   rue de la tour 19; 1004   rue de la Tour 19
145   chemin des bruyères 4; 1007   Ch. des Bruyères 4
109   avenue d'ouchy 64; 1006   Av. d'Ouchy 64
51   chemin des rosiers 4; 1004   chemin des rosiers 4
103   avenue de la gare 40; 1003   Av. de la gare 40
147   rue de la louve 1; 1003   Rue de la Louve 1
68   chemin du reposoir 25; 1007   Chemin du Reposoir 25
41   chemin vermont 24; 1006   Chemin Vermont 24
102   place du nord 6; 1005   Place du Nord 6
93   rue chaucrau 12; 1003   Rue Chaucrau 12
95   rue de la barre 6; 1005   rue de la Barre 6
86   avenue du grey 30; 1004   Av. du Grey 30
96   chemin des cèdres 9; 1004   Ch des Cèdres 9
46   avenue de cour 83; 1007   av. de cour 83
44   avenue de cour 6a; 1007   Avenue de Cour 6a
80   avenue de morges 39; 1004   Av. de Morges 39
157   avenue dapples 14; 1006   Avenue Dapples 14
131   boulevard de grancy 35; 1006   Boulevard de Grancy 35
91   chemin de primerose 8; 1007   Chemin de primerose 8
57   rue du valentin 3; 1004   rue du Valentin 3
55   rue de lausanne 19; 1700   Rue de Lausanne 19
52   chemin des brises 8; 1958   Chemin des Brises 8
70   rue centrale 31; 1003   rue Centrale 31
124   passage perdonnet 1; 1005   Passage Perdonnet 1
123   rue du simplon; 1006   Rue du Simplon
..   ..
10   rue du midi 19; 1020   Rue du midi 19
8   chemin de publoz 11; 1070   ch de Publoz 11
5   avenue de la sallaz 35; 1010   Av. de la Sallaz 35
45   grand-rue 10; 1110   Grand-Rue 10
50   avenue de riant-mont 16; 1004   Av. de Riant-Mont 16
100   avenue mon-repos 8; 1005   Avenue Mon-Repos 8
1   chemin des terrasses 2; 1400   Chemin des terrasses 2
99   avenue de villardin 12; 1009   Avenue de Villardin 12
98   rue jean-louis galliard 2; 1004   Rue Jean-Louis Galliard 2
97   chemin de l'orio 17; 1032   Chemin de l'Orio 17
94   avenue de l'elysée 11; 1006   Avenue de l'Elysée 11
92   grand rue 15; 1110   Grand Rue 15
89   avenue de morges 17; 1004   Av. de Morges 17
87   route de corjolens 24; 1754   Route de Corjolens 24
85   rue de la barre 9; 1005   Rue de la Barre 9
84   rte cantonale 39b; 1025   Rte Cantonale 39b
81   rue du sablon 31; 1110   Rue Du Sablon 31
78   biolleyre 5; 1066   Biolleyre 5
53   rue du centre 23; 1025   Rue du centre 23
77   rue du midi 14; 1003   Rue du Midi 14

```
75                 avenue de la harpe 10; 1007         Avenue de la Harpe 10
73                  vallombreuse 107; 1008             vallombreuse 107
72                     mazerette 41; 1950                 Mazerette 41
66             chemin de la lande 12; 1008        Chemin De La Lande 12
65                     longemalle 20; 1020                longemalle 20
63           avenue de la harpe 17a; 1007           Av. de la Harpe 17a
62              avenue des baumes 2; 1814             Av. des Baumes 2
60                    rue du rivage 12; 1400            Rue du Rivage 12
58          avenue de l'europe 21,; 1870          Av. de l'Europe 21,
79                    chemin portaz 14; 1807             Ch. portaz 14


        numUsers                                            subnetworks
143        37                      set([Lausanne-Morges, Campus])
40         25                      set([Lausanne-Morges, Campus])
105        23                      set([Lausanne-Morges, Campus])
48         23                      set([Lausanne-Morges, Campus])
90          9                      set([Lausanne-Morges, Campus])
74          8                      set([Lausanne-Morges, Campus])
145         8                                 set([Campus, 2005])
109         8                      set([Lausanne-Morges, Campus])
51          7                      set([Lausanne-Morges, Campus])
103         7   set([Lausanne-Morges, Yverdon-les-Bains, Campus])
147         6                      set([Lausanne-Morges, Campus])
68          6                                 set([Campus, 2005])
41          6                      set([Lausanne-Morges, Campus])
102         6                    set([Yverdon-les-Bains, Campus])
93          5                      set([Lausanne-Morges, Campus])
95          5                      set([Lausanne-Morges, Campus])
86          5   set([Lausanne-Morges, Yverdon-les-Bains, Campu...
96          5   set([Lausanne-Morges, Yverdon-les-Bains, Campus])
46          5                      set([Lausanne-Morges, Campus])
44          5                      set([Lausanne-Morges, Campus])
80          5                      set([Lausanne-Morges, Campus])
157         5                      set([Lausanne-Morges, Campus])
131         4                      set([Lausanne-Morges, Campus])
91          4                      set([Lausanne-Morges, Campus])
57          4                      set([Lausanne-Morges, Campus])
55          4                        set([Agglo Fribourg, Campus])
52          4                        set([Campus, Valais Central])
70          4                      set([Lausanne-Morges, Campus])
124         4                      set([Lausanne-Morges, Campus])
123         4                        set([Agglo Fribourg, Campus])
..         ...                                                  ...
10          2                      set([Lausanne-Morges, Campus])
8           2                    set([Yverdon-les-Bains, Campus])
5           2                      set([Lausanne-Morges, Campus])
45          2                      set([Lausanne-Morges, Campus])
50          2                      set([Lausanne-Morges, Campus])
100         2                      set([Lausanne-Morges, Campus])
1           2                    set([Yverdon-les-Bains, Campus])
99          2                    set([Yverdon-les-Bains, Campus])
98          2                    set([Yverdon-les-Bains, Campus])
97          2                      set([Lausanne-Morges, Campus])
94          2                                 set([Campus, 2005])
```

```
92          2                        set([Lausanne-Morges, Campus])
89          2                     set([Yverdon-les-Bains, Campus])
87          2                        set([Lausanne-Morges, Campus])
85          2                        set([Lausanne-Morges, Campus])
84          2                        set([Lausanne-Morges, Campus])
81          2                        set([Lausanne-Morges, Campus])
78          2                        set([Lausanne-Morges, Campus])
53          2                        set([Lausanne-Morges, Campus])
77          2                        set([Lausanne-Morges, Campus])
75          2                        set([Lausanne-Morges, Campus])
73          2                        set([Lausanne-Morges, Campus])
72          2                         set([Campus, Valais Central])
66          2                        set([Lausanne-Morges, Campus])
65          2                        set([Lausanne-Morges, Campus])
63          2                        set([Lausanne-Morges, Campus])
62          2                                   set([Campus, 2005])
60          2                     set([Yverdon-les-Bains, Campus])
58          2                        set([Lausanne-Morges, 2011])
79          2                        set([Agglo Fribourg, Campus])

[158 rows x 4 columns]
```

These particular addresses appear sensible. There could be more than one person living at these addresses who have signed up with the bike system, albeit in different subnetworks. Or may be it is the same person with 2 different sign-ups in two different sub-networks. This raises the question: **How are users registered by the system? One individual = one signup? Or does a user need a sign-up for each subnetwork that she wants to use?** If it is the latter, then the provided *user_ids* become less useful, because the same individual will appear as different users according to the *user_ids*.

```
In [718]: users_uniqueAdr

Out[718]: {'bonne-esp\xc3\xa9rance 28; 1006': [{u'addressOriginal': u'bonne-esp\xe9rance 28',
           u'expires': u'',
           u'gender': u'F',
           u'id': 1178,
           u'subnetwork_id': 10}],
          '37 route cantonnale; 1025': [{u'addressOriginal': u'37 route cantonnale',
           u'expires': u'',
           u'gender': u'F',
           u'id': 19177,
           u'subnetwork_id': 10}],
          'avenue de la d\xc3\xb4le 4; 1005': [{u'addressOriginal': u'avenue de la d\xf4le 4',
           u'expires': u'',
           u'gender': u'F',
           u'id': 16130,
           u'subnetwork_id': 10}],
          'abbesses 21; 2012': [{u'addressOriginal': u'Abbesses 21',
           u'expires': u'',
           u'gender': u'F',
           u'id': 23263,
           u'subnetwork_id': 10}],
          'chemin de ponfilet 100; 1093': [{u'addressOriginal': u'Chemin De Ponfilet 100\r\n',
           u'expires': u'',
           u'gender': u'M',
           u'id': 13819,
```

    u'subnetwork_id': 2005}],
 'avenue victor ruffy 26; 1012': [{u'addressOriginal': u'Av. Victor Ruffy 26',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24246,
  u'subnetwork_id': 10}],
 'chemin du prieur\xc3\xa9 3; 1304': [{u'addressOriginal': u'ch. du Prieur\xe9 3',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8233,
  u'subnetwork_id': 10}],
 'chemin de \xc2\xa3mont\xc3\xa9tan 7; 1004': [{u'addressOriginal': u'Chemin de \xa3Mont\xe9ta
  u'expires': u'',
  u'gender': u'F',
  u'id': 16935,
  u'subnetwork_id': 10}],
 'residence de prevessin; ': [{u'addressOriginal': u'RESIDENCE DE PREVESSIN ',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13673,
  u'subnetwork_id': 18}],
 '17 chemin de la pi\xc3\xa8ce; 1294': [{u'addressOriginal': u'17 chemin de la Pi\xe8ce',
  u'expires': u'',
  u'gender': u'F',
  u'id': 22875,
  u'subnetwork_id': 10}],
 'cern 31-2-016; ': [{u'addressOriginal': u'CERN 31-2-016',
  u'expires': u'',
  u'gender': u'M',
  u'id': 15706,
  u'subnetwork_id': 18}],
 'avenue des jordils 4; 1006': [{u'addressOriginal': u'Avenue des Jordils 4',
  u'expires': u'',
  u'gender': u'M',
  u'id': 2814,
  u'subnetwork_id': 9}],
 "10 grand'rue; 1009": [{u'addressOriginal': u"10 Grand'rue ",
  u'expires': u'',
  u'gender': u'F',
  u'id': 23579,
  u'subnetwork_id': 10}],
 '13-3-021; ': [{u'addressOriginal': u'13-3-021',
  u'expires': u'',
  u'gender': u'F',
  u'id': 13984,
  u'subnetwork_id': 18}],
 'chemin de petol\xc3\xa8yres; 1110': [{u'addressOriginal': u'Ch. de Petol\xe8yres',
  u'expires': u'',
  u'gender': u'F',
  u'id': 19020,
  u'subnetwork_id': 10}],
 'rue du chateau 7; 1026': [{u'addressOriginal': u'rue du chateau 7',
  u'expires': u'',
  u'gender': u'F',

    u'id': 11662,
    u'subnetwork_id': 10}],
'rte de buchillon 6i; 1162': [{u'addressOriginal': u'Rte de Buchillon 6i',
    u'expires': u'',
    u'gender': u'F',
    u'id': 8909,
    u'subnetwork_id': 10}],
'11 rue de la navigation; 1201': [{u'addressOriginal': u'11 rue de la Navigation',
    u'expires': u'',
    u'gender': u'M',
    u'id': 21316,
    u'subnetwork_id': 12}],
'chemin du couvent 3a; 1807': [{u'addressOriginal': u'Chemin du Couvent 3A',
    u'expires': u'',
    u'gender': u'F',
    u'id': 3217,
    u'subnetwork_id': 10}],
'quartier pr\xc3\xa9 fontaine 52/363; 1023': [{u'addressOriginal': u'Quartier Pr\xe9 Fontaine
    u'expires': u'',
    u'gender': u'F',
    u'id': 7802,
    u'subnetwork_id': 10}],
'rue centrale 12; 1022': [{u'addressOriginal': u'Rue Centrale 12',
    u'expires': u'',
    u'gender': u'F',
    u'id': 9955,
    u'subnetwork_id': 10}],
'rue des moulins 17; 1800': [{u'addressOriginal': u'Rue des Moulins 17',
    u'expires': u'',
    u'gender': u'F',
    u'id': 1140,
    u'subnetwork_id': 9}],
'rue du caudray 9; 1020': [{u'addressOriginal': u'Rue du Caudray 9',
    u'expires': u'',
    u'gender': u'F',
    u'id': 9414,
    u'subnetwork_id': 10}],
'127 avenue de rhodanie; 1007': [{u'addressOriginal': u'127 Av de Rhodanie',
    u'expires': u'',
    u'gender': u'F',
    u'id': 14304,
    u'subnetwork_id': 10}],
'01 valmont; 1010': [{u'addressOriginal': u'01 Valmont',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21165,
    u'subnetwork_id': 10}],
"avenue d'echallens, 60; 1004": [{u'addressOriginal': u"Avenue D'Echallens, 60",
    u'expires': u'',
    u'gender': u'F',
    u'id': 23823,
    u'subnetwork_id': 10}],
'chemin du stand 13 b; 1024': [{u'addressOriginal': u'Ch. du Stand 13 B',
    u'expires': u'',

```
 u'gender': u'F',
 u'id': 22828,
 u'subnetwork_id': 10}],
'schreinerweg 9; 3012': [{u'addressOriginal': u'Schreinerweg 9',
 u'expires': u'',
 u'gender': u'F',
 u'id': 12168,
 u'subnetwork_id': 10}],
'maison des cedres (639), avenue des bains 11; 1007': [{u'addressOriginal': u'Maison des Ced
 u'expires': u'',
 u'gender': u'F',
 u'id': 21602,
 u'subnetwork_id': 10}],
'via d fontana1; 6500': [{u'addressOriginal': u'via D Fontana1',
 u'expires': u'',
 u'gender': u'F',
 u'id': 11800,
 u'subnetwork_id': 12}],
'chemin du clous 9; 1897': [{u'addressOriginal': u'Chemin du Clous 9',
 u'expires': u'',
 u'gender': u'F',
 u'id': 4059,
 u'subnetwork_id': 10}],
'vergers-de-la gottaz 25; 1110': [{u'addressOriginal': u'Vergers-de-la Gottaz 25',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1061,
 u'subnetwork_id': 10}],
'18 chemin du risoux, appartement 182; 1024': [{u'addressOriginal': u'18 chemin du risoux, a
 u'expires': u'',
 u'gender': u'F',
 u'id': 3818,
 u'subnetwork_id': 10}],
'npa (priv\xc3\xa9)  batiment 38 room 120; ': [{u'addressOriginal': u'NPA (priv\xe9)  BATIMEN
 u'expires': u'',
 u'gender': u'F',
 u'id': 14089,
 u'subnetwork_id': 18}],
'avenue du parc de la rouvraie ,8; 1018': [{u'addressOriginal': u'av du parc de la rouvraie
 u'expires': u'',
 u'gender': u'F',
 u'id': 17890,
 u'subnetwork_id': 8}],
'cr\xc3\xaat-de-plan 132; 1095': [{u'addressOriginal': u'Cr\xeat-de-plan 132',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1001,
 u'subnetwork_id': 10}],
'10, chemin des moulins de corzent; 7420': [{u'addressOriginal': u'10, chemin des moulins de
 u'expires': u'',
 u'gender': u'F',
 u'id': 22131,
 u'subnetwork_id': 10}],
'chemin des bryueres 5; 1007': [{u'addressOriginal': u'Chemin des Bryueres 5',
```

```
    u'expires': u'',
    u'gender': u'F',
    u'id': 8004,
    u'subnetwork_id': 10}],
'124 chemin de la griveliere; 3833': [{u'addressOriginal': u'124 chemin de la griveliere',
    u'expires': u'',
    u'gender': u'F',
    u'id': 17940,
    u'subnetwork_id': 10}],
'place beaulieu 6; 3960': [{u'addressOriginal': u'place Beaulieu 6',
    u'expires': u'',
    u'gender': u'F',
    u'id': 20120,
    u'subnetwork_id': 10}],
'rue st.-laurent 47; 1913': [{u'addressOriginal': u'rue St.-Laurent 47',
    u'expires': u'',
    u'gender': u'F',
    u'id': 15780,
    u'subnetwork_id': 7}],
'chemin de la dole 7; 1261': [{u'addressOriginal': u'chemin de la dole 7',
    u'expires': u'',
    u'gender': u'F',
    u'id': 10740,
    u'subnetwork_id': 10}],
'wellenacher 32; 3800': [{u'addressOriginal': u'Wellenacher 32',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21587,
    u'subnetwork_id': 10}],
'ch.plaines d loup; 1018': [{u'addressOriginal': u'ch.plaines d loup',
    u'expires': u'',
    u'gender': u'F',
    u'id': 19169,
    u'subnetwork_id': 10}],
'chemin de chandieu 4; 1006': [{u'addressOriginal': u'chemin de chandieu 4',
    u'expires': u'',
    u'gender': u'F',
    u'id': 19529,
    u'subnetwork_id': 10}],
'120 avenue des alpes; 1814': [{u'addressOriginal': u'120 avenue des Alpes',
    u'expires': u'',
    u'gender': u'F',
    u'id': 20197,
    u'subnetwork_id': 10}],
'i. de montolieu 105a; 1010': [{u'addressOriginal': u'I. de Montolieu 105A',
    u'expires': u'',
    u'gender': u'F',
    u'id': 1241,
    u'subnetwork_id': 10}],
'ami-girard 10; 2054': [{u'addressOriginal': u'Ami-Girard 10',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21746,
    u'subnetwork_id': 10}],
```

'rue du cr\xc3\xaat, 7; 1006': [{u'addressOriginal': u'Rue du Cr\xeat, 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8275,
  u'subnetwork_id': 10}],
'124, studiomodernes, valentin 24; 1004': [{u'addressOriginal': u'124, Studiomodernes, Valen
  u'expires': u'',
  u'gender': u'F',
  u'id': 12972,
  u'subnetwork_id': 10}],
'geopolis; 1015': [{u'addressOriginal': u'Geopolis',
  u'expires': u'',
  u'gender': u'F',
  u'id': 21507,
  u'subnetwork_id': 10}],
'rue charles giron 25; 1203': [{u'addressOriginal': u'rue Charles Giron 25',
  u'expires': u'',
  u'gender': u'F',
  u'id': 10725,
  u'subnetwork_id': 18}],
'avenue du servan 36; 1006': [{u'addressOriginal': u'Avenue du Servan 36',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23055,
  u'subnetwork_id': 10}],
'n650 chemin des falaises 3; 1005': [{u'addressOriginal': u'N650 Chemin des Falaises 3',
  u'expires': u'',
  u'gender': u'F',
  u'id': 20967,
  u'subnetwork_id': 10}],
'la baume 33; 1088': [{u'addressOriginal': u'La Baume 33',
  u'expires': u'',
  u'gender': u'M',
  u'id': 8472,
  u'subnetwork_id': 2005}],
'chemin pr\xc3\xa8s les bois, 64; 1066': [{u'addressOriginal': u'Ch. Pr\xe8s les Bois, 64',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3089,
  u'subnetwork_id': 10}],
'rue du torrent 8; 1800': [{u'addressOriginal': u'Rue du Torrent 8',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9840,
  u'subnetwork_id': 10}],
'vallaire 5a; 1025': [{u'addressOriginal': u'Vallaire 5A',
  u'expires': u'',
  u'gender': u'F',
  u'id': 20722,
  u'subnetwork_id': 10}],
'magnenets 7a; 1196': [{u'addressOriginal': u'Magnenets 7a',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15035,

      u'subnetwork_id': 10}],
 'via clemente maraini 20; 6900': [{u'addressOriginal': u'Via Clemente Maraini 20',
   u'expires': u'',
   u'gender': u'F',
   u'id': 24221,
   u'subnetwork_id': 12}],
 'rue des alpes 38; 1700': [{u'addressOriginal': u'Rue des alpes 38',
   u'expires': u'',
   u'gender': u'F',
   u'id': 14930,
   u'subnetwork_id': 10}],
 'cr\xc3\xaat de la rive 20; 2740': [{u'addressOriginal': u'Cr\xeat de la Rive 20',
   u'expires': u'',
   u'gender': u'F',
   u'id': 7304,
   u'subnetwork_id': 10}],
 'route de morges 1; ': [{u'addressOriginal': u'Route de Morges 1',
   u'expires': u'',
   u'gender': u'F',
   u'id': 12535,
   u'subnetwork_id': 9}],
 'avenue de montoie 25; 1007': [{u'addressOriginal': u'Avenue de Montoie 25',
   u'expires': u'',
   u'gender': u'F',
   u'id': 3248,
   u'subnetwork_id': 10}],
 "avenue d'echallens 2b; 1004": [{u'addressOriginal': u"Avenue d'Echallens 2b ",
   u'expires': u'',
   u'gender': u'F',
   u'id': 20515,
   u'subnetwork_id': 10}],
 'via vanoni 3a; 6900': [{u'addressOriginal': u'via vanoni 3A',
   u'expires': u'',
   u'gender': u'F',
   u'id': 13777,
   u'subnetwork_id': 12}],
 'chemin de la raisse, 2; 1806': [{u'addressOriginal': u'Ch. de la Raisse, 2',
   u'expires': u'',
   u'gender': u'F',
   u'id': 3369,
   u'subnetwork_id': 10}],
 '16 chemin de lucinge; 1006': [{u'addressOriginal': u'16 chemin de lucinge',
   u'expires': u'',
   u'gender': u'F',
   u'id': 8594,
   u'subnetwork_id': 10}],
 'epfl ecal lab, 11, avenue du 24-janvier; 1020': [{u'addressOriginal': u'EPFL ECAL Lab, 11, a
   u'expires': u'',
   u'gender': u'F',
   u'id': 1392,
   u'subnetwork_id': 10}],
 'avenue de crousaz 2a; 1010': [{u'addressOriginal': u'Avenue de Crousaz 2a',
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  u'id': 8968,
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  u'id': 19095,
  u'subnetwork id': 2011}],
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  u'id': 24254,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 19182,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 21005,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 13931,
  u'subnetwork id': 10}],
'dmf b\xc3\xa2t. biophore unil-sorge; 1015': [{u'addressOriginal': u'DMF b\xe2t. Biophore UNI
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  u'gender': u'F',
  u'id': 2771,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 24810,
  u'subnetwork id': 10}],
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  u'id': 4479,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 21289,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 15825,
  u'subnetwork id': 10}],
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   u'gender': u'F',
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   u'id': 11107,
   u'subnetwork_id': 10}],
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   u'id': 9015,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 7963,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 12480,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 21913,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 2874,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 1816,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 12709,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'M',
   u'id': 13951,
   u'subnetwork_id': 2005}],
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   u'expires': u'',
   u'gender': u'M',
   u'id': 464,
   u'subnetwork_id': 9}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 20829,
    u'subnetwork_id': 10}],
'rue des fosses 27; 1110': [{u'addressOriginal': u'Rue des Fosses 27',
    u'expires': u'',
    u'gender': u'F',
    u'id': 6311,
    u'subnetwork_id': 9}],
'avenue du 24 janvier 36; 1020': [{u'addressOriginal': u'avenue du 24 janvier 36',
    u'expires': u'',
    u'gender': u'F',
    u'id': 6048,
    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 9855,
    u'subnetwork_id': 10}],
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    u'gender': u'M',
    u'id': 16911,
    u'subnetwork_id': 12}],
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    u'gender': u'F',
    u'id': 5841,
    u'subnetwork_id': 12}],
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    u'gender': u'F',
    u'id': 1794,
    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 10417,
    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 3807,
    u'subnetwork_id': 10}],
'64 avenue rhodanie; 1007': [{u'addressOriginal': u'64 avenue rhodanie',
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    u'gender': u'F',
    u'id': 23204,
    u'subnetwork_id': 10}],

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  u'gender': u'F',
  u'id': 16242,
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  u'expires': u'',
  u'gender': u'F',
  u'id': 19777,
  u'subnetwork_id': 2}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9751,
  u'subnetwork_id': 10}],
'chemin des triaudes 11-313; 1024': [{u'addressOriginal': u'Chemin des Triaudes 11-313',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14855,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 2038,
  u'subnetwork_id': 9}],
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  u'gender': u'F',
  u'id': 12429,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 20586,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 5783,
  u'subnetwork_id': 12}],
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  u'id': 24555,
  u'subnetwork_id': 10}],
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  u'subnetwork_id': 10}],
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  u'gender': u'F',
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u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 8984,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 6605,
 u'subnetwork_id': 10}],
'via albano 7; 6900': [{u'addressOriginal': u'via Albano 7',
 u'expires': u'',
 u'gender': u'F',
 u'id': 18145,
 u'subnetwork_id': 12}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 18724,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
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 u'gender': u'F',
 u'id': 21782,
 u'subnetwork_id': 12}],
'tivoli 14; 2000': [{u'addressOriginal': u'Tivoli 14',
 u'expires': u'',
 u'gender': u'F',
 u'id': 22376,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 8271,
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 u'gender': u'F',
 u'id': 24819,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 19494,
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   u'id': 24278,
   u'subnetwork_id': 10}],
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   u'id': 17485,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 18862,
   u'subnetwork_id': 10}],
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   u'id': 5348,
   u'subnetwork_id': 2005}],
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   u'gender': u'F',
   u'id': 17282,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 11782,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 4283,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 13038,
   u'subnetwork_id': 9}],
'via campagna 6c; 6932': [{u'addressOriginal': u'Via Campagna 6c',
   u'expires': u'',
   u'gender': u'M',
   u'id': 6422,
   u'subnetwork_id': 12}],
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   u'gender': u'F',
   u'id': 23431,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 13679,
   u'subnetwork_id': 18}],
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    u'gender': u'F',
    u'id': 14588,
    u'subnetwork_id': 8}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 13890,
    u'subnetwork_id': 12}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 24333,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'M',
    u'id': 5529,
    u'subnetwork_id': 8}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 4049,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 2826,
    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 18683,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 17679,
    u'subnetwork_id': 12}],
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    u'gender': u'M',
    u'id': 6185,
    u'subnetwork_id': 2}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 4100,
    u'subnetwork_id': 10}],
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     u'id': 16093,
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     u'gender': u'F',
     u'id': 3923,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 1965,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 8812,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 8530,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 5901,
     u'subnetwork_id': 7}],
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     u'gender': u'F',
     u'id': 15593,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 14744,
     u'subnetwork_id': 12}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 24360,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 21462,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 8871,
     u'subnetwork_id': 10}],

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  u'id': 12815,
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  u'expires': u'',
  u'gender': u'F',
  u'id': 12203,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 17404,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 10560,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 9077,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 14221,
  u'subnetwork_id': 2011}],
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  u'gender': u'F',
  u'id': 9687,
  u'subnetwork_id': 10}],
'5 chemin rionza; 1020': [{u'addressOriginal': u'5 chemin rionza',
  u'expires': u'',
  u'gender': u'F',
  u'id': 21111,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 12424,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 9934,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 15073,
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  u'subnetwork_id': 8}],
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  u'id': 3798,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 7247,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
  u'id': 4955,
  u'subnetwork_id': 2}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22045,
  u'subnetwork_id': 10}],
'11, chemin des triaudes; 1024': [{u'addressOriginal': u'11, chemin des Triaudes ',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2723,
  u'subnetwork_id': 10}],
'chemin des esserts, 1; 1053': [{u'addressOriginal': u'chemin des Esserts, 1',
  u'expires': u'',
  u'gender': u'F',
  u'id': 19204,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 13532,
  u'subnetwork_id': 9}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 19351,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 11863,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22051,
  u'subnetwork_id': 10}],
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  u'id': 18613,
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'chemin du risoux 11; 1004': [{u'addressOriginal': u'Chemin du Risoux 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8151,
  u'subnetwork_id': 10}],
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  u'id': 6751,
  u'subnetwork_id': 12}],
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  u'expires': u'',
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  u'id': 21320,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 16845,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 12846,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3081,
  u'subnetwork_id': 10}],
"10 chemin de l'\xc3\xa9glise anglaise, chambre 006; 1006": [{u'addressOriginal': u"10 chemin
  u'expires': u'',
  u'gender': u'F',
  u'id': 21500,
  u'subnetwork_id': 10}],
'via ravecchia 21; 6500': [{u'addressOriginal': u'via Ravecchia 21',
  u'expires': u'',
  u'gender': u'F',
  u'id': 11406,
  u'subnetwork_id': 12}],
'cern hostel bat 38; 227+': [{u'addressOriginal': u'CERN HOSTEL BAT 38 ',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13692,
  u'subnetwork_id': 18}],
'ch, de la poudri\xc3\xa9re 24; 1950': [{u'addressOriginal': u'Ch, de la Poudri\xe9re 24',
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        u'gender': u'F',
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        u'subnetwork_id': 7}],
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        u'gender': u'F',
        u'id': 23052,
        u'subnetwork_id': 10}],
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        u'gender': u'F',
        u'id': 7548,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 22656,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 11763,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 12266,
        u'subnetwork_id': 10}],
 'avenue dapples 12; 1006': [{u'addressOriginal': u'av. dapples 12',
        u'expires': u'',
        u'gender': u'F',
        u'id': 18494,
        u'subnetwork_id': 10}],
 'villardiez 8; 1009': [{u'addressOriginal': u'villardiez 8',
        u'expires': u'',
        u'gender': u'F',
        u'id': 1051,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 9434,
        u'subnetwork_id': 10}],
 'chemin des hautains; 0155': [{u'addressOriginal': u'\tChemin des Hautains',
        u'expires': u'',
        u'gender': u'M',
        u'id': 13481,
        u'subnetwork_id': 18}],
 'route du village 32; 1730': [{u'addressOriginal': u'Route du village 32',
        u'expires': u'',
        u'gender': u'F',
        u'id': 24522,
        u'subnetwork_id': 10}],
 "avenue d'ouchy 60 app.52; 1006": [{u'addressOriginal': u"Av. d'Ouchy 60 App.52",
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  u'id': 20812,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3287,
  u'subnetwork_id': 10}],
'route de chavannes 42/2234; 1007': [{u'addressOriginal': u'Route de Chavannes 42/2234',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9296,
  u'subnetwork_id': 10}],
'via foce 1; 6900': [{u'addressOriginal': u'via Foce 1',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13591,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 15460,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 21569,
  u'subnetwork_id': 10}],
'51a avenue de la gare; 1022': [{u'addressOriginal': u'51A avenue de la Gare',
  u'expires': u'',
  u'gender': u'F',
  u'id': 19364,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 1230,
  u'subnetwork_id': 10}],
'via vittorio veneto 59; 2804': [{u'addressOriginal': u'Via Vittorio veneto 59',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12433,
  u'subnetwork_id': 12}],
'avenue du mont-dor; 1007': [{u'addressOriginal': u'Avenue du Mont-dOr',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8793,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22610,
  u'subnetwork_id': 10}],

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  u'gender': u'F',
  u'id': 10487,
  u'subnetwork_id': 10}],
'36/a petofi sandor; h%2d': [{u'addressOriginal': u'36/A PETOFI SANDOR ',
  u'expires': u'',
  u'gender': u'F',
  u'id': 13504,
  u'subnetwork_id': 18}],
'vignes 7; 1024': [{u'addressOriginal': u'Vignes 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1729,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 24643,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 17368,
  u'subnetwork_id': 10}],
'via agli orti 5; 6962': [{u'addressOriginal': u'Via agli Orti 5',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12482,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 4451,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 14699,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 1882,
  u'subnetwork_id': 10}],
'via borromini 23; 6500': [{u'addressOriginal': u'via Borromini 23',
  u'expires': u'',
  u'gender': u'F',
  u'id': 11640,
  u'subnetwork_id': 12}],
'rue pre du march\xc3\xa9; 1004': [{u'addressOriginal': u'Rue pre du March\xe9',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15584,

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        u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 8408,
 u'subnetwork_id': 10}],
'la riettaz 2; 1442': [{u'addressOriginal': u'La Riettaz 2',
 u'expires': u'',
 u'gender': u'F',
 u'id': 18166,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 13051,
 u'subnetwork_id': 9}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 3033,
 u'subnetwork_id': 10}],
'90 avenue des boveresses; 1010': [{u'addressOriginal': u'90 av des Boveresses',
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 u'gender': u'F',
 u'id': 9528,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 22687,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 6707,
 u'subnetwork_id': 10}],
'chamblon 42; 1400': [{u'addressOriginal': u'Chamblon 42',
 u'expires': u'',
 u'gender': u'F',
 u'id': 20750,
 u'subnetwork_id': 10}],
'20 chemin de la colline; 1023': [{u'addressOriginal': u'20 chemin de la colline',
 u'expires': u'',
 u'gender': u'F',
 u'id': 24631,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 6699,
 u'subnetwork_id': 10}],
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u'id': 441,
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 u'gender': u'F',
 u'id': 7918,
 u'subnetwork_id': 10}],
'via beltramina 10 a; 6900': [{u'addressOriginal': u'Via Beltramina 10 a',
 u'expires': u'',
 u'gender': u'F',
 u'id': 19628,
 u'subnetwork_id': 12}],
'au village 26; 1029': [{u'addressOriginal': u'au village 26',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1274,
 u'subnetwork_id': 10}],
'c/o fam kahn pierre, rue de bassenges 3b; 1024': [{u'addressOriginal': u'c/o fam Kahn Pierre
 u'expires': u'',
 u'gender': u'F',
 u'id': 20092,
 u'subnetwork_id': 10}],
'route du pavement; 1018': [{u'addressOriginal': u'Route du Pavement',
 u'expires': u'',
 u'gender': u'F',
 u'id': 21124,
 u'subnetwork_id': 10}],
'via ponteggia 13; 6814': [{u'addressOriginal': u'Via Ponteggia 13',
 u'expires': u'',
 u'gender': u'F',
 u'id': 6270,
 u'subnetwork_id': 12}],
'chemin de la comba 13; 1616': [{u'addressOriginal': u'Ch. de la Comba 13',
 u'expires': u'',
 u'gender': u'F',
 u'id': 19384,
 u'subnetwork_id': 10}],
'av.ritz 21; 1950': [{u'addressOriginal': u'Av.Ritz 21',
 u'expires': u'',
 u'gender': u'F',
 u'id': 6932,
 u'subnetwork_id': 7}],
'route cantonale 9; 1071': [{u'addressOriginal': u'route cantonale 9',
 u'expires': u'',
 u'gender': u'F',
 u'id': 23274,
 u'subnetwork_id': 10}],
'chemin de cottens 1; 1268': [{u'addressOriginal': u'ch. de Cottens 1',
 u'expires': u'',
 u'gender': u'F',
 u'id': 24275,
 u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 12973,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 18238,
     u'subnetwork_id': 10}],
 'chemin de la redoute 6; 1260': [{u'addressOriginal': u'Chemin de la Redoute 6',
     u'expires': u'',
     u'gender': u'F',
     u'id': 17934,
     u'subnetwork_id': 10}],
 "route de l'alliaz 13; 1807": [{u'addressOriginal': u"route de l'alliaz 13",
     u'expires': u'',
     u'gender': u'F',
     u'id': 7709,
     u'subnetwork_id': 10}],
 'rue de la blantsette 37; 1967': [{u'addressOriginal': u'Rue de la Blantsette 37',
     u'expires': u'',
     u'gender': u'F',
     u'id': 5476,
     u'subnetwork_id': 7}],
 'bois de la fontaine 11; 1007': [{u'addressOriginal': u'bois de la fontaine 11',
     u'expires': u'',
     u'gender': u'F',
     u'id': 19625,
     u'subnetwork_id': 10}],
 '15 chemin de passerose; 1006': [{u'addressOriginal': u'15 ch de passerose',
     u'expires': u'',
     u'gender': u'F',
     u'id': 6833,
     u'subnetwork_id': 10}],
 'avenue de rhodanie 64a/326 (chez claudia burkhar; 1007': [{u'addressOriginal': u'Av. de Rhod
     u'expires': u'',
     u'gender': u'F',
     u'id': 22789,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 1922,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 20326,
     u'subnetwork_id': 10}],
 "b\xc3\xa2t 10, n\xc2\xb0403 10, avenue de l'eglise anglaise; 1006": [{u'addressOriginal': u'
     u'expires': u'',
     u'gender': u'F',
     u'id': 9220,
     u'subnetwork_id': 10}],
 'via al castello, 28; 6865': [{u'addressOriginal': u'via al castello, 28',

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  u'expires': u'',
  u'gender': u'F',
  u'id': 17235,
  u'subnetwork_id': 12}],
'cern 512-1-001; ': [{u'addressOriginal': u'cern 512-1-001',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13522,
  u'subnetwork_id': 18}],
'11 avenue dou bouchet; 1209': [{u'addressOriginal': u'11 avenue dou Bouchet',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14713,
  u'subnetwork_id': 10}],
'chemin des berges 12 / 502; 1022': [{u'addressOriginal': u'Chemin des Berges 12 / 502',
  u'expires': u'',
  u'gender': u'F',
  u'id': 21494,
  u'subnetwork_id': 10}],
'via boschetto 44; 6883': [{u'addressOriginal': u'via boschetto 44',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12095,
  u'subnetwork_id': 12}],
'17 chemin de montelly; 1007': [{u'addressOriginal': u'17 chemin de Montelly',
  u'expires': u'',
  u'gender': u'F',
  u'id': 7301,
  u'subnetwork_id': 10}],
'rte des daillettes 2b; 1700': [{u'addressOriginal': u'Rte des Daillettes 2b',
  u'expires': u'',
  u'gender': u'M',
  u'id': 5082,
  u'subnetwork_id': 2}],
'csd ing\xc3\xa9nieurs sa\r\navenue des sports 14; 1400': [{u'addressOriginal': u'CSD Ing\xe9
  u'expires': u'',
  u'gender': u'F',
  u'id': 16986,
  u'subnetwork_id': 8}],
'rue de la madeleine 13; 1204': [{u'addressOriginal': u'Rue de la Madeleine 13',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13043,
  u'subnetwork_id': 9}],
'via la barca 17; 6934': [{u'addressOriginal': u'Via La Barca 17',
  u'expires': u'',
  u'gender': u'F',
  u'id': 22391,
  u'subnetwork_id': 12}],
'adresse cern  \t93-r-011 \r\nt\xc3\xa9l\xc3\xa9phone fixe (prof.); ': [{u'addressOriginal':
  u'expires': u'',
  u'gender': u'F',
  u'id': 13373,
  u'subnetwork_id': 18}],
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  u'gender': u'F',
  u'id': 12295,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22506,
  u'subnetwork_id': 10}],
'strada della castellanza 75; 6968': [{u'addressOriginal': u'Strada della Castellanza 75',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16905,
  u'subnetwork_id': 12}],
'rue du simplon 10; 1700': [{u'addressOriginal': u'Rue du Simplon 10',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14369,
  u'subnetwork_id': 2}],
'philosophes 8; 1400': [{u'addressOriginal': u'Philosophes 8',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16975,
  u'subnetwork_id': 8}],
"14 avenue de l'\xc3\xa9glise anglaise; 1006": [{u'addressOriginal': u"14 avenue de l'\xe9gli
  u'expires': u'',
  u'gender': u'F',
  u'id': 24834,
  u'subnetwork_id': 10}],
'rte de lausanne 142; 1052': [{u'addressOriginal': u'Rte de Lausanne 142',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3073,
  u'subnetwork_id': 10}],
'mittelstrasse 7; 3012': [{u'addressOriginal': u'Mittelstrasse 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 18055,
  u'subnetwork_id': 10}],
'epfl sti imx lsmx  - station 12 - mxg 331; 1015': [{u'addressOriginal': u'EPFL STI IMX LSMX
  u'expires': u'',
  u'gender': u'F',
  u'id': 1900,
  u'subnetwork_id': 10}],
'rue simplemont 12; 1005': [{u'addressOriginal': u'rue Simplemont 12',
  u'expires': u'',
  u'gender': u'F',
  u'id': 13201,
  u'subnetwork_id': 10}],
'327 avenue de rhodanie; 1007': [{u'addressOriginal': u'327 Avenue de Rhodanie',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14647,
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  u'subnetwork_id': 10}],
'23 rue de maupas; 1004': [{u'addressOriginal': u'23 Rue de Maupas',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24630,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 4898,
  u'subnetwork_id': 10}],
'rue de gasparin 25; ': [{u'addressOriginal': u'Rue de Gasparin 25',
  u'expires': u'',
  u'gender': u'M',
  u'id': 6391,
  u'subnetwork_id': 8}],
'chemin des cerisiers 6; 1182': [{u'addressOriginal': u'Ch. des Cerisiers 6',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2543,
  u'subnetwork_id': 10}],
'renges 14; 1024': [{u'addressOriginal': u'Renges 14',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24861,
  u'subnetwork_id': 10}],
'avenue vinet 35; 1004': [{u'addressOriginal': u'Avenue Vinet 35',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8814,
  u'subnetwork_id': 10}],
'5 rue de lausanne; 1028': [{u'addressOriginal': u'5 rue de Lausanne',
  u'expires': u'',
  u'gender': u'F',
  u'id': 4751,
  u'subnetwork_id': 10}],
'rue pestalozzi 9; 1400': [{u'addressOriginal': u'Rue Pestalozzi 9',
  u'expires': u'',
  u'gender': u'M',
  u'id': 15059,
  u'subnetwork_id': 8}],
'ave des belles roches 2; 1004': [{u'addressOriginal': u'ave des belles roches 2',
  u'expires': u'',
  u'gender': u'F',
  u'id': 19675,
  u'subnetwork_id': 10}],
'via strada di soragno 3; 6964': [{u'addressOriginal': u'Via strada di soragno 3',
  u'expires': u'',
  u'gender': u'F',
  u'id': 11449,
  u'subnetwork_id': 12}],
'4 chemin de pr\xc3\xa9fleuri; 1020': [{u'addressOriginal': u'4 chemin de pr\xe9fleuri',
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  u'gender': u'F',
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  u'gender': u'F',
  u'id': 8318,
  u'subnetwork_id': 10}],
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  u'id': 7586,
  u'subnetwork_id': 10}],
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  u'gender': u'M',
  u'id': 7355,
  u'subnetwork_id': 8}],
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  u'gender': u'F',
  u'id': 16209,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 6410,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
  u'id': 11068,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
  u'id': 669,
  u'subnetwork_id': 9}],
 '104/2-c08; cern': [{u'addressOriginal': u' 104/2-c08 ',
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  u'gender': u'M',
  u'id': 20676,
  u'subnetwork_id': 18}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22158,
  u'subnetwork_id': 10}],
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  u'id': 7389,
  u'subnetwork_id': 8}],
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  u'id': 2952,
  u'subnetwork id': 10}],
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  u'gender': u'F',
  u'id': 5648,
  u'subnetwork id': 12}],
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  u'gender': u'F',
  u'id': 7694,
  u'subnetwork id': 9}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 635,
  u'subnetwork id': 10}],
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  u'gender': u'M',
  u'id': 4936,
  u'subnetwork id': 2}],
'via stazio 10; 6900': [{u'addressOriginal': u'via Stazio 10',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12477,
  u'subnetwork id': 12}],
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  u'gender': u'F',
  u'id': 23668,
  u'subnetwork id': 10}],
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  u'gender': u'M',
  u'id': 8682,
  u'subnetwork id': 8}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 12082,
  u'subnetwork id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 14305,
  u'subnetwork id': 10}],
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   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 3244,
   u'subnetwork_id': 10}],
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   u'id': 3504,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 11772,
   u'subnetwork_id': 12}],
'c.p. 5301\r\n(via san giorgio 1a - 6976 castagnola); 6901': [{u'addressOriginal': u'C.P. 530
   u'expires': u'',
   u'gender': u'F',
   u'id': 14380,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 14595,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 6058,
   u'subnetwork_id': 10}],
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   u'gender': u'M',
   u'id': 18542,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 11011,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 2964,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
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   u'subnetwork_id': 10}],
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  u'id': 7832,
  u'subnetwork_id': 10}],
'temple 21c; 1012': [{u'addressOriginal': u'Temple 21c',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3733,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 10187,
  u'subnetwork_id': 10}],
'breitweig 22b; 3006': [{u'addressOriginal': u'Breitweig 22b',
  u'expires': u'',
  u'gender': u'M',
  u'id': 7537,
  u'subnetwork_id': 2}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 6811,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 1777,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 7852,
  u'subnetwork_id': 10}],
'chemin en sendey 12; 1867': [{u'addressOriginal': u'Ch. en sendey 12',
  u'expires': u'',
  u'gender': u'F',
  u'id': 22576,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 13849,
  u'subnetwork_id': 18}],
'epfl; 123': [{u'addressOriginal': u'epfl',
  u'expires': u'',
  u'gender': u'F',
  u'id': 7904,
  u'subnetwork_id': 10}],
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   u'id': 24188,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 22485,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 21350,
   u'subnetwork_id': 2}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 3613,
   u'subnetwork_id': 10}],
 'via mozart n\xc2\xb05; 2002': [{u'addressOriginal': u'Via Mozart n\xb05',
   u'expires': u'',
   u'gender': u'F',
   u'id': 16934,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 14003,
   u'subnetwork_id': 7}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 10091,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 8724,
   u'subnetwork_id': 10}],
 'c/o michael cordier; 1005': [{u'addressOriginal': u'c/o Michael Cordier',
   u'expires': u'',
   u'gender': u'F',
   u'id': 17468,
   u'subnetwork_id': 10}],
 'rue de la gare 4; 1607': [{u'addressOriginal': u'Rue de la Gare 4',
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   u'gender': u'F',
   u'id': 8081,
   u'subnetwork_id': 10}],
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    u'id': 3286,
    u'subnetwork id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 22248,
    u'subnetwork id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 11046,
    u'subnetwork id': 12}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 16284,
    u'subnetwork id': 10}],
'chemin de la blonde 38c; 1253': [{u'addressOriginal': u'Chemin de la Blonde 38c',
    u'expires': u'',
    u'gender': u'F',
    u'id': 23089,
    u'subnetwork id': 10}],
'via balbio 49; 6834': [{u'addressOriginal': u'Via Balbio 49',
    u'expires': u'',
    u'gender': u'F',
    u'id': 13633,
    u'subnetwork id': 12}],
'6, all\xc3\xa9e francois fauconnet; 7450': [{u'addressOriginal': u'6, all\xe9e Francois Fauc
    u'expires': u'',
    u'gender': u'F',
    u'id': 3559,
    u'subnetwork id': 10}],
'avenue valmont 20; 1010': [{u'addressOriginal': u'Av. Valmont 20',
    u'expires': u'',
    u'gender': u'F',
    u'id': 4407,
    u'subnetwork id': 10}],
'res. dei tigli 47; 6915': [{u'addressOriginal': u'Res. dei tigli 47',
    u'expires': u'',
    u'gender': u'F',
    u'id': 10911,
    u'subnetwork id': 12}],
'chemin vandelle 1, casse postale 230; 1290': [{u'addressOriginal': u'ch. Vandelle 1, casse p
    u'expires': u'',
    u'gender': u'F',
    u'id': 9127,
    u'subnetwork id': 10}],
'avenue de rhodanie 64a/130; 1007': [{u'addressOriginal': u'Avenue de Rhodanie 64A/130',
    u'expires': u'',
    u'gender': u'F',
    u'id': 9310,
    u'subnetwork id': 10}],
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   u'subnetwork_id': 10}],
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   u'id': 20755,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 15744,
   u'subnetwork_id': 7}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 1063,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 20465,
   u'subnetwork_id': 9}],
'grand-montfleury34; 1290': [{u'addressOriginal': u'Grand-Montfleury34',
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   u'gender': u'F',
   u'id': 18455,
   u'subnetwork_id': 10}],
'rte du village 31; 1112': [{u'addressOriginal': u'Rte du Village 31',
   u'expires': u'',
   u'gender': u'F',
   u'id': 1266,
   u'subnetwork_id': 10}],
'c/o swiss wealth management sa\r\nvia domenico fontana 6; 6900': [{u'addressOriginal': u'c/o
   u'expires': u'',
   u'gender': u'F',
   u'id': 16101,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 13122,
   u'subnetwork_id': 10}],
'14 rue pr\xc3\xa9 du march\xc3\xa9; 1004': [{u'addressOriginal': u'14 Rue pr\xe9 du march\xe
   u'expires': u'',
   u'gender': u'F',
   u'id': 24427,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 7173,
   u'subnetwork_id': 10}],
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    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 17230,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 18995,
    u'subnetwork_id': 2}],
'12/102 chemin des berges; 1022': [{u'addressOriginal': u'12/102 chemin des berges',
    u'expires': u'',
    u'gender': u'F',
    u'id': 22994,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 19075,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 12483,
    u'subnetwork_id': 10}],
'rue du rond-pont 1; 1006': [{u'addressOriginal': u'rue du rond-pont 1',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21450,
    u'subnetwork_id': 10}],
'chemin de praz-buchilly 75; 1066': [{u'addressOriginal': u'ch. de Praz-Buchilly 75',
    u'expires': u'',
    u'gender': u'F',
    u'id': 17663,
    u'subnetwork_id': 10}],
'avenue des alpes 123; 1814': [{u'addressOriginal': u'Av des Alpes 123',
    u'expires': u'',
    u'gender': u'F',
    u'id': 14510,
    u'subnetwork_id': 2005}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 9021,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 21449,
    u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 23777,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 18472,
 u'subnetwork_id': 10}],
'avenue jurigoz 17; 1006': [{u'addressOriginal': u'Avenue Jurigoz 17',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1623,
 u'subnetwork_id': 10}],
'chemin des bossons 1; 1018': [{u'addressOriginal': u'Ch des Bossons 1',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1916,
 u'subnetwork_id': 10}],
'en crause; ': [{u'addressOriginal': u'En Crause',
 u'expires': u'',
 u'gender': u'F',
 u'id': 2073,
 u'subnetwork_id': 8}],
'via campo sportivo 5; 6850': [{u'addressOriginal': u'Via campo sportivo 5',
 u'expires': u'',
 u'gender': u'F',
 u'id': 11505,
 u'subnetwork_id': 12}],
'via cabione 11 i; 6900': [{u'addressOriginal': u'via Cabione 11 i',
 u'expires': u'',
 u'gender': u'F',
 u'id': 11387,
 u'subnetwork_id': 12}],
'rue saint-rochemin 15; 1004': [{u'addressOriginal': u'Rue Saint-Roch 15',
 u'expires': u'',
 u'gender': u'F',
 u'id': 21929,
 u'subnetwork_id': 10}],
'18-2-020; ': [{u'addressOriginal': u'18-2-020',
 u'expires': u'',
 u'gender': u'F',
 u'id': 13962,
 u'subnetwork_id': 18}],
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 u'gender': u'F',
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    u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 21855,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 20861,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 4457,
 u'subnetwork_id': 10}],
'avenue de france 57; 1004': [{u'addressOriginal': u'Av de France 57',
 u'expires': u'',
 u'gender': u'F',
 u'id': 21985,
 u'subnetwork_id': 10}],
'37 chemin des failles; 1232': [{u'addressOriginal': u'37 ch. des failles',
 u'expires': u'',
 u'gender': u'F',
 u'id': 14316,
 u'subnetwork_id': 10}],
'ch.des pierrettes 13; 1025': [{u'addressOriginal': u'CH.DES PIERRETTES 13',
 u'expires': u'',
 u'gender': u'F',
 u'id': 1247,
 u'subnetwork_id': 10}],
'24 chemin de la fourmi; 1010': [{u'addressOriginal': u'24 chemin de la fourmi',
 u'expires': u'',
 u'gender': u'F',
 u'id': 24576,
 u'subnetwork_id': 10}],
'rue voltaire 14; 1006': [{u'addressOriginal': u'rue voltaire 14',
 u'expires': u'',
 u'gender': u'F',
 u'id': 2708,
 u'subnetwork_id': 10}],
'chemin des triaudes 5 chambre 5311; 1024': [{u'addressOriginal': u'chemin des triaudes 5 cha
 u'expires': u'',
 u'gender': u'F',
 u'id': 9032,
 u'subnetwork_id': 10}],
'rue orient-ville 2; 1005': [{u'addressOriginal': u'Rue Orient-Ville 2',
 u'expires': u'',
 u'gender': u'F',
 u'id': 2254,
 u'subnetwork_id': 10}],
'sallaz 76; 1010': [{u'addressOriginal': u'sallaz 76',
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 u'gender': u'F',
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u'id': 3305,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 20221,
  u'subnetwork_id': 10}],
'avenue de morges 149\r\ncase postale 6101; 1002': [{u'addressOriginal': u'Avenue de morges
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  u'id': 7984,
  u'subnetwork_id': 9}],
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  u'gender': u'F',
  u'id': 24800,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 7162,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 21788,
  u'subnetwork_id': 10}],
'batiment 42, chambre 112, quartier pre-fontaine; 1024': [{u'addressOriginal': u'Batiment 42
  u'expires': u'',
  u'gender': u'F',
  u'id': 19365,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 16363,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 16805,
  u'subnetwork_id': 10}],
'12 avenue eglise anglaise; 1006': [{u'addressOriginal': u'12 av Eglise Anglaise',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2897,
  u'subnetwork_id': 10}],
'stegmattstrasse 13; 3628': [{u'addressOriginal': u'Stegmattstrasse 13',
  u'expires': u'',
  u'gender': u'F',
  u'id': 17484,
  u'subnetwork_id': 10}],
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  u'expires': u'',

     u'gender': u'F',
     u'id': 3712,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 10570,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 1582,
     u'subnetwork_id': 9}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 24587,
     u'subnetwork_id': 10}],
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     u'gender': u'F',
     u'id': 1310,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 4485,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 12356,
     u'subnetwork_id': 12}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 22508,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 1307,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 15609,
     u'subnetwork_id': 10}],
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     u'expires': u'',
     u'gender': u'F',
     u'id': 12183,
     u'subnetwork_id': 10}],
 'rue de la seignette 18; 2616': [{u'addressOriginal': u'Rue De La Seignette 18',

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        u'gender': u'F',
        u'id': 21261,
        u'subnetwork_id': 9}],
 'epfl sti ibi clse station 17; 1015': [{u'addressOriginal': u'EPFL STI IBI CLSE station 17',
        u'expires': u'',
        u'gender': u'F',
        u'id': 20137,
        u'subnetwork_id': 10}],
 'avenue de bains 9 429; 1007': [{u'addressOriginal': u'Avenue de Bains 9 429',
        u'expires': u'',
        u'gender': u'F',
        u'id': 21797,
        u'subnetwork_id': 10}],
 'berg\xc3\xa8re; 1021': [{u'addressOriginal': u'berg\xe8re',
        u'expires': u'',
        u'gender': u'F',
        u'id': 19286,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 20201,
        u'subnetwork_id': 10}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 15152,
        u'subnetwork_id': 10}],
 'neumattstrasse 9; 2562': [{u'addressOriginal': u'Neumattstrasse 9',
        u'expires': u'',
        u'gender': u'F',
        u'id': 24758,
        u'subnetwork_id': 10}],
 'rue st-martin 20; 1003': [{u'addressOriginal': u'Rue St-Martin 20',
        u'expires': u'',
        u'gender': u'M',
        u'id': 6331,
        u'subnetwork_id': 9}],
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        u'expires': u'',
        u'gender': u'F',
        u'id': 3935,
        u'subnetwork_id': 10}],
 'rue des biolles; 1964': [{u'addressOriginal': u'Rue des Biolles',
        u'expires': u'',
        u'gender': u'M',
        u'id': 5442,
        u'subnetwork_id': 7}],
 'avenue tir federal 85; 1022': [{u'addressOriginal': u'avenue tir federal 85',
        u'expires': u'',
        u'gender': u'F',
        u'id': 20629,
        u'subnetwork_id': 10}],

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  u'gender': u'F',
  u'id': 22710,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 5649,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3995,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 13403,
  u'subnetwork_id': 18}],
'place des alpes, 2; 1201': [{u'addressOriginal': u'place des Alpes, 2',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3177,
  u'subnetwork_id': 10}],
'mon-loisir 13; 1006': [{u'addressOriginal': u'Mon-loisir 13 ',
  u'expires': u'',
  u'gender': u'F',
  u'id': 4538,
  u'subnetwork_id': 10}],
"rue d'yverdon 8; 1530": [{u'addressOriginal': u"Rue d'yverdon 8",
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  u'gender': u'F',
  u'id': 23827,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 16126,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 12217,
  u'subnetwork_id': 12}],
'eterpeys 11; 1010': [{u'addressOriginal': u'Eterpeys 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9370,
  u'subnetwork_id': 10}],
'18 avenue du vieux-moulin; 1018': [{u'addressOriginal': u'18 Avenue du Vieux-Moulin',
  u'expires': u'',
  u'gender': u'F',
  u'id': 19049,

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    u'subnetwork_id': 10}],
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   u'gender': u'M',
   u'id': 5188,
   u'subnetwork_id': 12}],
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   u'gender': u'F',
   u'id': 5758,
   u'subnetwork_id': 8}],
 'brugerastrasse 30; 3186': [{u'addressOriginal': u'Brugerastrasse 30',
   u'expires': u'',
   u'gender': u'F',
   u'id': 7325,
   u'subnetwork_id': 10}],
 'rue dr c\xc3\xa9sar roux 28; 1005': [{u'addressOriginal': u'Rue Dr C\xe9sar Roux 28',
   u'expires': u'',
   u'gender': u'F',
   u'id': 9642,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 13792,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 4377,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 8971,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 19299,
   u'subnetwork_id': 10}],
 '13 rue chandieu; 1202': [{u'addressOriginal': u'13 rue Chandieu',
   u'expires': u'',
   u'gender': u'F',
   u'id': 24068,
   u'subnetwork_id': 10}],
 'chailly 12; 1012': [{u'addressOriginal': u'chailly 12',
   u'expires': u'',
   u'gender': u'F',
   u'id': 18124,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
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  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 11784,
  u'subnetwork_id': 10}],
'denantou 17; 1006': [{u'addressOriginal': u'Denantou 17',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14943,
  u'subnetwork_id': 10}],
'route de marly 27; 1700': [{u'addressOriginal': u'Route de Marly 27',
  u'expires': u'',
  u'gender': u'M',
  u'id': 4939,
  u'subnetwork_id': 2}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9369,
  u'subnetwork_id': 10}],
'via delle scuole 17a; 6900': [{u'addressOriginal': u'Via delle scuole 17a',
  u'expires': u'',
  u'gender': u'F',
  u'id': 13770,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9017,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 13228,
  u'subnetwork_id': 10}],
'mara\xc3\xaeche 12; 1802': [{u'addressOriginal': u'Mara\xeeche 12',
  u'expires': u'',
  u'gender': u'M',
  u'id': 14487,
  u'subnetwork_id': 2005}],
'grand-rue 31; 1700': [{u'addressOriginal': u'Grand-Rue 31',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16357,
  u'subnetwork_id': 2}],
'rue da maupas 26; 1004': [{u'addressOriginal': u'Rue da Maupas 26',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24641,
  u'subnetwork_id': 10}],
'quartiere pre fontaine; 48': [{u'addressOriginal': u'quartiere pre fontaine ',
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    u'gender': u'F',
    u'id': 3680,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 15785,
    u'subnetwork_id': 8}],
 'bsp 718; 1015': [{u'addressOriginal': u'BSP 718',
    u'expires': u'',
    u'gender': u'F',
    u'id': 8116,
    u'subnetwork_id': 10}],
 'via madonetta 23; 6900': [{u'addressOriginal': u'Via Madonetta 23',
    u'expires': u'',
    u'gender': u'F',
    u'id': 20959,
    u'subnetwork_id': 12}],
 '13 chemin des triaudes, chambre 13110; 1024': [{u'addressOriginal': u'13 chemin des Triaude
    u'expires': u'',
    u'gender': u'F',
    u'id': 3814,
    u'subnetwork_id': 10}],
 'rue cit\xc3\xa9 devant 6; 1005': [{u'addressOriginal': u'rue cit\xe9 devant 6',
    u'expires': u'',
    u'gender': u'F',
    u'id': 7545,
    u'subnetwork_id': 10}],
 'via a. fusoni 2; 6900': [{u'addressOriginal': u'via A. Fusoni 2',
    u'expires': u'',
    u'gender': u'M',
    u'id': 13573,
    u'subnetwork_id': 12}],
 'avenue de valmont 20; 1010': [{u'addressOriginal': u'Av. de Valmont 20',
    u'expires': u'',
    u'gender': u'F',
    u'id': 20849,
    u'subnetwork_id': 10}],
 '5 avenue eug\xc3\xa8ne pittard; 1206': [{u'addressOriginal': u'5 av. Eug\xe8ne Pittard',
    u'expires': u'',
    u'gender': u'F',
    u'id': 12021,
    u'subnetwork_id': 10}],
 'chemin du couchant, 46; 1007': [{u'addressOriginal': u'chemin du couchant, 46',
    u'expires': u'',
    u'gender': u'F',
    u'id': 12187,
    u'subnetwork_id': 10}],
 'chemin ch\xc3\xa2teau-sec 8; 1009': [{u'addressOriginal': u'ch. Ch\xe2teau-sec 8',
    u'expires': u'',
    u'gender': u'F',
    u'id': 20147,
    u'subnetwork_id': 10}],
 'cheminet 6a; 1162': [{u'addressOriginal': u'Cheminet 6a',

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  u'expires': u'',
  u'gender': u'F',
  u'id': 11398,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 22104,
  u'subnetwork_id': 10}],
'bergi\xc3\xa8res 23; 1004': [{u'addressOriginal': u'Bergi\xe8res 23',
  u'expires': u'',
  u'gender': u'M',
  u'id': 7693,
  u'subnetwork_id': 9}],
"42 chemin d'eysins; 1260": [{u'addressOriginal': u"42 ch. d'Eysins",
  u'expires': u'',
  u'gender': u'F',
  u'id': 8237,
  u'subnetwork_id': 10}],
'rue de morat 31; 1700': [{u'addressOriginal': u'Rue de Morat 31',
  u'expires': u'',
  u'gender': u'M',
  u'id': 5002,
  u'subnetwork_id': 2}],
'via monte carmen 4 , 18; 6900': [{u'addressOriginal': u'via monte carmen 4 , 18',
  u'expires': u'',
  u'gender': u'F',
  u'id': 22489,
  u'subnetwork_id': 12}],
'maladi\xc3\xa8re 8; 1022': [{u'addressOriginal': u'Maladi\xe8re 8',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12978,
  u'subnetwork_id': 10}],
'gurten strasse 34; 3122': [{u'addressOriginal': u'Gurten Strasse 34',
  u'expires': u'',
  u'gender': u'F',
  u'id': 5851,
  u'subnetwork_id': 12}],
'grand-chemin 64; 1066': [{u'addressOriginal': u'Grand-Chemin 64',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2903,
  u'subnetwork_id': 10}],
"rte de l'ancien pont 1; 1786": [{u'addressOriginal': u"rte de l'ancien pont 1",
  u'expires': u'',
  u'gender': u'F',
  u'id': 16117,
  u'subnetwork_id': 2}],
'uttins 1 preverenges; 1028': [{u'addressOriginal': u'Uttins 1 Preverenges',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9603,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 1929,
  u'subnetwork_id': 10}],
'chemin des triaudes, 5; 1024': [{u'addressOriginal': u'Ch. Des Triaudes, 5',
  u'expires': u'',
  u'gender': u'F',
  u'id': 18836,
  u'subnetwork_id': 10}],
'epfl sci-ic-rb station 14; 1015': [{u'addressOriginal': u'EPFL SCI-IC-RB Station 14',
  u'expires': u'',
  u'gender': u'F',
  u'id': 20381,
  u'subnetwork_id': 10}],
'avenue de la rochelle 10; 1008': [{u'addressOriginal': u'Av. de la Rochelle 10',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2079,
  u'subnetwork_id': 10}],
'route des monts-chevreuil 6b; 1660': [{u'addressOriginal': u'Route des Monts-chevreuil 6b',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9080,
  u'subnetwork_id': 10}],
"route d'yverdon 13; 1028": [{u'addressOriginal': u"Route d'Yverdon 13",
  u'expires': u'',
  u'gender': u'F',
  u'id': 3639,
  u'subnetwork_id': 10}],
'chemin des vignes 14; 1027': [{u'addressOriginal': u'Chemin des Vignes 14',
  u'expires': u'',
  u'gender': u'M',
  u'id': 6487,
  u'subnetwork_id': 9}],
'avenue du tir-f\xc3\xa9d\xc3\xa9ral 40; 1024': [{u'addressOriginal': u'Avenue du Tir-F\xe9d\
  u'expires': u'',
  u'gender': u'F',
  u'id': 20566,
  u'subnetwork_id': 10}],
'chemin du p\xc3\xa9rou 11; 1436': [{u'addressOriginal': u'ch. du P\xe9rou 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1197,
  u'subnetwork_id': 10}],
'301-r-008; ': [{u'addressOriginal': u'301-R-008',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13516,
  u'subnetwork_id': 18}],
'chemin de pautex 8; 1860': [{u'addressOriginal': u'Chemin de Pautex 8',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24482,
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    u'subnetwork_id': 10}],
 'route de pavement 117; 1018': [{u'addressOriginal': u'Route de pavement 117',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8298,
  u'subnetwork_id': 10}],
 'rue du simplon 16; 1020': [{u'addressOriginal': u'Rue du Simplon 16',
  u'expires': u'',
  u'gender': u'F',
  u'id': 10593,
  u'subnetwork_id': 10}],
 'c/o fernandez, a.m.   avenue theodore weber 9; 1208': [{u'addressOriginal': u'C/O FERNANDEZ
  u'expires': u'',
  u'gender': u'F',
  u'id': 11450,
  u'subnetwork_id': 10}],
 'rue fauporte 2a; 3977': [{u'addressOriginal': u'rue fauporte 2A',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8502,
  u'subnetwork_id': 10}],
 'marcolet 342 quartier pre-fontaine 52; 1023': [{u'addressOriginal': u'marcolet 342 quartier
  u'expires': u'',
  u'gender': u'F',
  u'id': 18803,
  u'subnetwork_id': 10}],
 '865-1-a20; ': [{u'addressOriginal': u'865-1-A20 ',
  u'expires': u'',
  u'gender': u'M',
  u'id': 19740,
  u'subnetwork_id': 18}],
 'route des peupliers; 3960': [{u'addressOriginal': u'Route des Peupliers',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15763,
  u'subnetwork_id': 7}],
 'rue marterey  25; 1005': [{u'addressOriginal': u'Rue Marterey  25',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24159,
  u'subnetwork_id': 10}],
 'epfl-sti-lmis, station 17; 1015': [{u'addressOriginal': u'EPFL-STI-LMIS, station 17',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1277,
  u'subnetwork_id': 10}],
 'rue ambuel 4; 1950': [{u'addressOriginal': u'rue Ambuel 4',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2149,
  u'subnetwork_id': 10}],
 'rue vignettaz 1; 1054': [{u'addressOriginal': u'Rue Vignettaz 1',
  u'expires': u'',
  u'gender': u'F',
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  u'id': 20421,
  u'subnetwork_id': 9}],
'avenue b\xc3\xa9thusy 8; 1005': [{u'addressOriginal': u'Av. B\xe9thusy 8',
  u'expires': u'',
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  u'id': 15480,
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  u'gender': u'F',
  u'id': 2586,
  u'subnetwork_id': 10}],
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  u'expires': u'',
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  u'id': 13370,
  u'subnetwork_id': 18}],
'15, chemin des fraisiers; 1212': [{u'addressOriginal': u'15, chemin des Fraisiers',
  u'expires': u'',
  u'gender': u'F',
  u'id': 11340,
  u'subnetwork_id': 10}],
'epfl-imx-ltc, mxg 341, station 12; 1015': [{u'addressOriginal': u'EPFL-IMX-LTC, MXG 341, Sta
  u'expires': u'',
  u'gender': u'F',
  u'id': 21768,
  u'subnetwork_id': 10}],
'via monte br&atilde;&copy; 11; 6900': [{u'addressOriginal': u'Via Monte Br&Atilde;&copy; 11
  u'expires': u'',
  u'gender': u'F',
  u'id': 11827,
  u'subnetwork_id': 12}],
'rue de la villette 18; 1400': [{u'addressOriginal': u'Rue de la Villette 18',
  u'expires': u'',
  u'gender': u'M',
  u'id': 7400,
  u'subnetwork_id': 8}],
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  u'gender': u'F',
  u'id': 17059,
  u'subnetwork_id': 10}],
'12 avenue de la d\xc3\xb4le; 1005': [{u'addressOriginal': u'12 avenue de la D\xf4le',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3483,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3568,
  u'subnetwork_id': 10}],
'3 avenue glayre; 1004': [{u'addressOriginal': u'3 Av Glayre',
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   u'id': 8571,
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   u'gender': u'F',
   u'id': 16031,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 17802,
   u'subnetwork_id': 2}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 20573,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 1022,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 2147,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 17407,
   u'subnetwork_id': 12}],
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   u'gender': u'F',
   u'id': 21907,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 9301,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 19969,
   u'subnetwork_id': 10}],
'grise pierre 9; %092': [{u'addressOriginal': u'\tGrise Pierre 9 ',
   u'expires': u'',
   u'gender': u'M',
   u'id': 12582,
   u'subnetwork_id': 8}],
'11/305 avenue des bains; 1007': [{u'addressOriginal': u'11/305 Avenue Des Bains',
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      u'expires': u'',
      u'gender': u'F',
      u'id': 9246,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 8146,
      u'subnetwork_id': 10}],
 'via regazzoni 18; 6900': [{u'addressOriginal': u'Via Regazzoni 18',
      u'expires': u'',
      u'gender': u'M',
      u'id': 5840,
      u'subnetwork_id': 12}],
 'route de taillepied 113; 1095': [{u'addressOriginal': u'Route de Taillepied 113',
      u'expires': u'',
      u'gender': u'F',
      u'id': 23952,
      u'subnetwork_id': 10}],
 'cern 3-1-031; 1217': [{u'addressOriginal': u'Cern 3-1-031',
      u'expires': u'',
      u'gender': u'M',
      u'id': 14116,
      u'subnetwork_id': 18}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 7457,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 8923,
      u'subnetwork_id': 10}],
 'chemin bonne-esperance; 1006': [{u'addressOriginal': u'ch. Bonne-Esperance',
      u'expires': u'',
      u'gender': u'F',
      u'id': 17173,
      u'subnetwork_id': 10}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 24651,
      u'subnetwork_id': 10}],
 'bugnons 16; 1217': [{u'addressOriginal': u'Bugnons 16',
      u'expires': u'',
      u'gender': u'F',
      u'id': 17641,
      u'subnetwork_id': 10}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 2701,
      u'subnetwork_id': 10}],

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  u'gender': u'F',
  u'id': 3387,
  u'subnetwork_id': 10}],
'route de lausanne 71; 1096': [{u'addressOriginal': u'Route de lausanne 71',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24391,
  u'subnetwork_id': 10}],
'buchille 52; 1630': [{u'addressOriginal': u'Buchille 52',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12636,
  u'subnetwork_id': 9}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 20158,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3978,
  u'subnetwork_id': 10}],
'rue des jardins 10 \r\n\r\n\tc-112018-1 / \t304 1-042; %091': [{u'addressOriginal': u'\tRue
  u'expires': u'',
  u'gender': u'M',
  u'id': 13836,
  u'subnetwork_id': 18}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 19173,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 13147,
  u'subnetwork_id': 18}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 8045,
  u'subnetwork_id': 10}],
'c/o rosa lavat-antonelli 12c,place de gare; 1020': [{u'addressOriginal': u'c/o Rosa Lavat-A
  u'expires': u'',
  u'gender': u'F',
  u'id': 9785,
  u'subnetwork_id': 10}],
'via tremano 73; 6900': [{u'addressOriginal': u'via tremano 73',
  u'expires': u'',
  u'gender': u'F',
  u'id': 22294,

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    u'subnetwork_id': 12}],
'via san carlo 11; 6600': [{u'addressOriginal': u'Via San Carlo 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12990,
  u'subnetwork_id': 12}],
'inn 238; 1015': [{u'addressOriginal': u'INN 238',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12824,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 24940,
  u'subnetwork_id': 10}],
'agglomeration de fribourg\r\nbd de p\xc3\xa9rolles 2; 1700': [{u'addressOriginal': u'Agglome
  u'expires': u'',
  u'gender': u'M',
  u'id': 11960,
  u'subnetwork_id': 2}],
'via taddei, 3; 6962': [{u'addressOriginal': u'via Taddei, 3',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14603,
  u'subnetwork_id': 12}],
'altikofenstrasse 102; 3048': [{u'addressOriginal': u'Altikofenstrasse 102',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24716,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 11471,
  u'subnetwork_id': 10}],
'18 293 chemin des triaudes; 1024': [{u'addressOriginal': u'18 293 chemin des Triaudes ',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24593,
  u'subnetwork_id': 10}],
'via molinazzo 11; 6962': [{u'addressOriginal': u'Via molinazzo 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 10899,
  u'subnetwork_id': 12}],
'17 rue du valentin; 1004': [{u'addressOriginal': u'17 rue du valentin',
  u'expires': u'',
  u'gender': u'F',
  u'id': 13229,
  u'subnetwork_id': 10}],
'7, rue du midi; 1020': [{u'addressOriginal': u'7, rue du midi ',
  u'expires': u'',
  u'gender': u'F',
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  u'id': 14960,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3823,
  u'subnetwork_id': 10}],
'5 rue vallon; 7420': [{u'addressOriginal': u'5 Rue Vallon',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16705,
  u'subnetwork_id': 10}],
'rue louis-de-savoie 44; 1110': [{u'addressOriginal': u'Rue Louis-de-Savoie 44',
  u'expires': u'',
  u'gender': u'F',
  u'id': 474,
  u'subnetwork_id': 9}],
'sorengo 8; 6900': [{u'addressOriginal': u'Sorengo 8',
  u'expires': u'',
  u'gender': u'M',
  u'id': 5839,
  u'subnetwork_id': 12}],
'avenue jomini 3; 1004': [{u'addressOriginal': u'Avenue Jomini 3 ',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15042,
  u'subnetwork_id': 8}],
'chemin des plantaz 32; 1260': [{u'addressOriginal': u'Chemin des Plantaz 32',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23095,
  u'subnetwork_id': 10}],
'viale cassone 36; 6963': [{u'addressOriginal': u'Viale Cassone 36',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16914,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9473,
  u'subnetwork_id': 10}],
'avenue des bains 9b/541; 1007': [{u'addressOriginal': u'Av. des Bains 9b/541',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8159,
  u'subnetwork_id': 10}],
'route cantonale 37, b310; 1025': [{u'addressOriginal': u'Route Cantonale 37, B310',
  u'expires': u'',
  u'gender': u'F',
  u'id': 21034,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 22799,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 16869,
  u'subnetwork_id': 12}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 10100,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 6762,
  u'subnetwork_id': 12}],
'rue de la pronde 42; 1966': [{u'addressOriginal': u'Rue de la Pronde 42',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24612,
  u'subnetwork_id': 10}],
'ave wendt 31; 1203': [{u'addressOriginal': u'ave wendt 31',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9381,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 13377,
  u'subnetwork_id': 18}],
'champ du bois 7; 1052': [{u'addressOriginal': u'Champ du Bois 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 20296,
  u'subnetwork_id': 10}],
'chemin de perrailles; 1166': [{u'addressOriginal': u'Chemin De Perrailles',
  u'expires': u'',
  u'gender': u'M',
  u'id': 14586,
  u'subnetwork_id': 8}],
'rue de dr-cesar-roux 9; 1004': [{u'addressOriginal': u'Rue de Dr-Cesar-Roux 9',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3966,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 7249,
  u'subnetwork_id': 12}],
'route de chavannes 48 no 5115; 1007': [{u'addressOriginal': u'Route de Chavannes 48 No 5115

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    u'id': 17865,
    u'subnetwork_id': 10}],
 'av.de beaulieu 18; 1004': [{u'addressOriginal': u'av.de beaulieu 18',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21756,
    u'subnetwork_id': 10}],
 'avenue epenex 3; 1022': [{u'addressOriginal': u'Av. Epenex 3',
    u'expires': u'',
    u'gender': u'F',
    u'id': 24828,
    u'subnetwork_id': 10}],
 'chemin auguste-pidou, 16; 1007': [{u'addressOriginal': u'Ch. Auguste-Pidou, 16',
    u'expires': u'',
    u'gender': u'M',
    u'id': 716,
    u'subnetwork_id': 9}],
 'avenue des alpes 1; 1006': [{u'addressOriginal': u'Avenue des Alpes 1',
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    u'gender': u'F',
    u'id': 12796,
    u'subnetwork_id': 10}],
 'ch.des combes 30; 1934': [{u'addressOriginal': u'ch.des Combes 30',
    u'expires': u'',
    u'gender': u'F',
    u'id': 4495,
    u'subnetwork_id': 10}],
 'chemin des \xc3\xa9coles; 1752': [{u'addressOriginal': u'Ch. des \xe9coles',
    u'expires': u'',
    u'gender': u'F',
    u'id': 23330,
    u'subnetwork_id': 2}],
 '5/26 mona vale avenue; 8051': [{u'addressOriginal': u'5/26 mona vale avenue',
    u'expires': u'',
    u'gender': u'F',
    u'id': 13485,
    u'subnetwork_id': 18}],
 'rue st. martin 22; 1003': [{u'addressOriginal': u'Rue St. Martin 22',
    u'expires': u'',
    u'gender': u'F',
    u'id': 3735,
    u'subnetwork_id': 10}],
 '-; 6678': [{u'addressOriginal': u'-',
    u'expires': u'',
    u'gender': u'F',
    u'id': 7849,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 4330,
    u'subnetwork_id': 10}],
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 u'expires': u'',
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 u'id': 13565,
 u'subnetwork_id': 9}],
'vers-la-lac; 1071': [{u'addressOriginal': u'Vers-la-lac',
 u'expires': u'',
 u'gender': u'F',
 u'id': 16335,
 u'subnetwork_id': 10}],
'le domaine; 2013': [{u'addressOriginal': u'Le Domaine',
 u'expires': u'',
 u'gender': u'F',
 u'id': 20114,
 u'subnetwork_id': 10}],
'chemin des tuileries 11; 1066': [{u'addressOriginal': u'Chemin des Tuileries 11',
 u'expires': u'',
 u'gender': u'F',
 u'id': 19392,
 u'subnetwork_id': 10}],
'rue de gen\xc3\xa8ve 43; 0163': [{u'addressOriginal': u'rue de Gen\xe8ve 43',
 u'expires': u'',
 u'gender': u'M',
 u'id': 13148,
 u'subnetwork_id': 18}],
'chemin des terrasses 11; 1400': [{u'addressOriginal': u'Chemin des Terrasses 11',
 u'expires': u'',
 u'gender': u'M',
 u'id': 7353,
 u'subnetwork_id': 8}],
'avenue de rhodanie 64a/128; 1007': [{u'addressOriginal': u'Avenue de Rhodanie 64A/128',
 u'expires': u'',
 u'gender': u'F',
 u'id': 9097,
 u'subnetwork_id': 10}],
'via lambertenghi, 1a; 6900': [{u'addressOriginal': u'via Lambertenghi, 1A',
 u'expires': u'',
 u'gender': u'F',
 u'id': 14888,
 u'subnetwork_id': 12}],
'rue du quai 10; 1820': [{u'addressOriginal': u'Rue du Quai 10',
 u'expires': u'',
 u'gender': u'F',
 u'id': 22219,
 u'subnetwork_id': 10}],
'avenue des oiseaux3; 1018': [{u'addressOriginal': u'av. des Oiseaux3',
 u'expires': u'',
 u'gender': u'F',
 u'id': 3049,
 u'subnetwork_id': 10}],
'rue de bassenges 1; 1024': [{u'addressOriginal': u'Rue de Bassenges 1',
 u'expires': u'',
 u'gender': u'F',
 u'id': 2143,
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  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 19692,
  u'subnetwork_id': 10}],
'via cortivo 10 c; 6976': [{u'addressOriginal': u'Via Cortivo 10 c',
  u'expires': u'',
  u'gender': u'M',
  u'id': 17731,
  u'subnetwork_id': 12}],
'avenue dickens 4; 1006': [{u'addressOriginal': u'Avenue Dickens 4',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1331,
  u'subnetwork_id': 10}],
'chemin des platanes 7, avenue de leman,; 1005': [{u'addressOriginal': u'Ch. des platanes 7,
  u'expires': u'',
  u'gender': u'F',
  u'id': 22415,
  u'subnetwork_id': 10}],
'vicolo alla monda 5; 6517': [{u'addressOriginal': u'vicolo alla Monda 5',
  u'expires': u'',
  u'gender': u'F',
  u'id': 16948,
  u'subnetwork_id': 12}],
'chemin du clos \xc3\xa0 golet 7; 1678': [{u'addressOriginal': u'ch du Clos \xe0 golet 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14494,
  u'subnetwork_id': 2005}],
'chemin du repou 11; 1630': [{u'addressOriginal': u'Chemin du Repou 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23724,
  u'subnetwork_id': 10}],
'via cagliari 31; 1015': [{u'addressOriginal': u'Via Cagliari 31',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15293,
  u'subnetwork_id': 12}],
'casa chiesa; 6966': [{u'addressOriginal': u'Casa Chiesa',
  u'expires': u'',
  u'gender': u'M',
  u'id': 7289,
  u'subnetwork_id': 12}],
'14, rue de lausanne; 1030': [{u'addressOriginal': u'14, rue de Lausanne',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23836,
  u'subnetwork_id': 10}],
'c/o unil b\xc3\xa2t. biophore; 1015': [{u'addressOriginal': u'c/o UNIL B\xe2t. Biophore',
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  u'gender': u'F',
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    u'id': 22052,
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    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 18658,
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    u'gender': u'F',
    u'id': 3388,
    u'subnetwork_id': 10}],
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    u'subnetwork_id': 10}],
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       u'gender': u'M',
       u'id': 16073,
       u'subnetwork_id': 12}],
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       u'id': 24775,
       u'subnetwork_id': 10}],
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       u'subnetwork_id': 10}],
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       u'gender': u'F',
       u'id': 15564,
       u'subnetwork_id': 12}],
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       u'gender': u'F',
       u'id': 9830,
       u'subnetwork_id': 10}],
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       u'id': 4920,
       u'subnetwork_id': 2}],
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       u'gender': u'F',
       u'id': 18864,
       u'subnetwork_id': 2011}],
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       u'gender': u'F',
       u'id': 12916,
       u'subnetwork_id': 12}],
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       u'gender': u'F',
       u'id': 7293,
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  u'subnetwork_id': 10}],
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  u'id': 5088,
  u'subnetwork_id': 2}],
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  u'subnetwork_id': 2005}],
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  u'id': 22320,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 12225,
  u'subnetwork_id': 9}],
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  u'gender': u'F',
  u'id': 16765,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 8700,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 13487,
  u'subnetwork_id': 18}],
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  u'subnetwork_id': 8}],
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  u'subnetwork_id': 10}],
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   u'id': 12552,
   u'subnetwork_id': 9}],
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   u'id': 22494,
   u'subnetwork_id': 10}],
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   u'id': 1825,
   u'subnetwork_id': 10}],
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   u'id': 9530,
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   u'subnetwork_id': 10}],
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   u'subnetwork_id': 7}],
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   u'id': 15441,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 12254,
   u'subnetwork_id': 12}],
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    u'subnetwork_id': 12}],
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    u'id': 24770,
    u'subnetwork_id': 10}],
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    u'id': 6117,
    u'subnetwork_id': 2}],
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    u'gender': u'F',
    u'id': 23660,
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    u'id': 15737,
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    u'gender': u'F',
    u'id': 21297,
    u'subnetwork_id': 12}],
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    u'id': 5733,
    u'subnetwork_id': 8}],
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    u'id': 18034,
    u'subnetwork_id': 10}],
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    u'id': 18235,
    u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 19589,
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   u'id': 16533,
   u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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   u'id': 2770,
   u'subnetwork_id': 10}],
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   u'id': 3371,
   u'subnetwork_id': 10}],
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   u'id': 7190,
   u'subnetwork_id': 10}],
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   u'id': 3780,
   u'subnetwork_id': 10}],
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   u'id': 10048,
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   u'id': 18958,
   u'subnetwork_id': 12}],
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   u'id': 11432,
   u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 20256,
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   u'id': 21705,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 14864,
   u'subnetwork_id': 10}],
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 u'id': 3535,
 u'subnetwork_id': 10}],
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 u'gender': u'F',
 u'id': 22263,
 u'subnetwork_id': 10}],
'10, rue voltaire; 1006': [{u'addressOriginal': u'10, rue Voltaire',
 u'expires': u'',
 u'gender': u'F',
 u'id': 3168,
 u'subnetwork_id': 10}],
'chemin des avelines 1; %091': [{u'addressOriginal': u'Chemin des Avelines 1 ',
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 u'gender': u'F',
 u'id': 16980,
 u'subnetwork_id': 8}],
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 u'gender': u'F',
 u'id': 17273,
 u'subnetwork_id': 8}],
'rue des uttins 14; 1110': [{u'addressOriginal': u'Rue des Uttins 14',
 u'expires': u'',
 u'gender': u'M',
 u'id': 6505,
 u'subnetwork_id': 8}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 21356,
 u'subnetwork_id': 10}],
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 u'expires': u'',
 u'gender': u'F',
 u'id': 24100,
 u'subnetwork_id': 10}],
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 u'id': 7874,

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         u'subnetwork_id': 9}],
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    u'gender': u'M',
    u'id': 6307,
    u'subnetwork_id': 9}],
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    u'gender': u'F',
    u'id': 24117,
    u'subnetwork_id': 10}],
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    u'gender': u'F',
    u'id': 24559,
    u'subnetwork_id': 10}],
  'via torricelli 3; 6900': [{u'addressOriginal': u'Via Torricelli 3',
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    u'gender': u'F',
    u'id': 23177,
    u'subnetwork_id': 12}],
  'rue henri blanvalet; 1207': [{u'addressOriginal': u'Rue henri Blanvalet',
    u'expires': u'',
    u'gender': u'M',
    u'id': 13523,
    u'subnetwork_id': 18}],
  'chambre 442, maison des c\xc3\xa8dres, avenue des bains 9a; 1007': [{u'addressOriginal': u'C
    u'expires': u'',
    u'gender': u'F',
    u'id': 18418,
    u'subnetwork_id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 8846,
    u'subnetwork_id': 10}],
  'chemin de pra riond 45; 3971': [{u'addressOriginal': u'ch. de Pra Riond 45',
    u'expires': u'',
    u'gender': u'F',
    u'id': 18894,
    u'subnetwork_id': 10}],
  'rue du simplon 8; 1700': [{u'addressOriginal': u'Rue du Simplon 8',
    u'expires': u'',
    u'gender': u'M',
    u'id': 6129,
    u'subnetwork_id': 2}],
  'via mondasc 6; 6514': [{u'addressOriginal': u'Via Mondasc 6',
    u'expires': u'',
    u'gender': u'F',
    u'id': 12364,
    u'subnetwork_id': 12}],
  'avenue de pr\xc3\xa9faully 52; 1020': [{u'addressOriginal': u'av. de pr\xe9faully 52',
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      u'subnetwork_id': 9}],
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      u'id': 7994,
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      u'id': 17593,
      u'subnetwork_id': 18}],
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      u'id': 14010,
      u'subnetwork_id': 7}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 12114,
      u'subnetwork_id': 10}],
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      u'id': 22959,
      u'subnetwork_id': 10}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 20826,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 22137,
      u'subnetwork_id': 10}],
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      u'expires': u'',
      u'gender': u'M',
      u'id': 6353,
      u'subnetwork_id': 2011}],
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      u'gender': u'F',
      u'id': 13335,
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   u'id': 19772,
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   u'gender': u'F',
   u'id': 24846,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 12544,
   u'subnetwork_id': 9}],
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   u'gender': u'F',
   u'id': 7620,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 6761,
   u'subnetwork_id': 12}],
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   u'expires': u'',
   u'gender': u'M',
   u'id': 10915,
   u'subnetwork_id': 12}],
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   u'expires': u'',
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   u'id': 20910,
   u'subnetwork_id': 12}],
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   u'id': 6595,
   u'subnetwork_id': 8}],
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   u'gender': u'F',
   u'id': 23792,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 22479,
   u'subnetwork_id': 10}],
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  u'id': 1060,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 4694,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 3600,
  u'subnetwork_id': 9}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 7585,
  u'subnetwork_id': 10}],
'rue des fontenailles, 11; 1007': [{u'addressOriginal': u'Rue des Fontenailles, 11',
  u'expires': u'',
  u'gender': u'F',
  u'id': 18086,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 10677,
  u'subnetwork_id': 10}],
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  u'id': 8231,
  u'subnetwork_id': 2005}],
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  u'gender': u'F',
  u'id': 11842,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
  u'id': 10656,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 21160,
  u'subnetwork_id': 10}],

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  u'id': 3459,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 8937,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 20314,
  u'subnetwork_id': 12}],
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  u'id': 9940,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 24832,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 3119,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 11383,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 19991,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 7864,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 12146,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
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    u'subnetwork_id': 2}],
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   u'id': 8022,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 10339,
   u'subnetwork_id': 12}],
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   u'gender': u'F',
   u'id': 21019,
   u'subnetwork_id': 10}],
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   u'id': 15079,
   u'subnetwork_id': 8}],
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   u'gender': u'F',
   u'id': 1741,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'M',
   u'id': 6332,
   u'subnetwork_id': 9}],
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   u'gender': u'M',
   u'id': 10729,
   u'subnetwork_id': 18}],
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   u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 19516,
      u'subnetwork_id': 10}],
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      u'expires': u'',
      u'gender': u'F',
      u'id': 9455,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 3551,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 1394,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 20548,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 13128,
      u'subnetwork_id': 10}],
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      u'id': 5875,
      u'subnetwork_id': 7}],
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      u'gender': u'F',
      u'id': 10536,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 22526,
      u'subnetwork_id': 10}],
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      u'id': 1363,
      u'subnetwork_id': 10}],
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  u'id': 13382,
  u'subnetwork_id': 18}],
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  u'gender': u'F',
  u'id': 11693,
  u'subnetwork_id': 12}],
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  u'id': 24929,
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  u'id': 1364,
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  u'gender': u'F',
  u'id': 4674,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 20850,
  u'subnetwork_id': 10}],
 'via franco zorzi 10; 6900': [{u'addressOriginal': u'Via Franco Zorzi 10',
  u'expires': u'',
  u'gender': u'M',
  u'id': 16028,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
  u'id': 4423,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 12529,
  u'subnetwork_id': 12}],
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    u'id': 6130,
    u'subnetwork id': 2}],
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    u'gender': u'F',
    u'id': 12743,
    u'subnetwork id': 10}],
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    u'gender': u'F',
    u'id': 17099,
    u'subnetwork id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 10736,
    u'subnetwork id': 12}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 17680,
    u'subnetwork id': 10}],
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    u'gender': u'F',
    u'id': 22896,
    u'subnetwork id': 10}],
 'louis vulliemin 30; 1005': [{u'addressOriginal': u'Louis Vulliemin 30',
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    u'gender': u'F',
    u'id': 2401,
    u'subnetwork id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 8426,
    u'subnetwork id': 10}],
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    u'expires': u'',
    u'gender': u'F',
    u'id': 7628,
    u'subnetwork id': 10}],
 'affolternstrasse 106; 8105': [{u'addressOriginal': u'Affolternstrasse 106',
    u'expires': u'',
    u'gender': u'F',
    u'id': 21757,
    u'subnetwork id': 12}],

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  u'id': 12872,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 3992,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 10655,
  u'subnetwork_id': 10}],
'rue du village, 9; 1125': [{u'addressOriginal': u'Rue du Village, 9',
  u'expires': u'',
  u'gender': u'F',
  u'id': 24148,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9857,
  u'subnetwork_id': 10}],
'grand rue, 19; 1110': [{u'addressOriginal': u'Grand Rue, 19',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1327,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 14208,
  u'subnetwork_id': 2005}],
'chemin des champs 6; 1095': [{u'addressOriginal': u'Chemin des Champs 6',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13554,
  u'subnetwork_id': 9}],
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  u'expires': u'',
  u'gender': u'F',
  u'id': 9004,
  u'subnetwork_id': 10}],
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  u'gender': u'F',
  u'id': 9157,
  u'subnetwork_id': 10}],
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  u'expires': u'',
  u'gender': u'M',
  u'id': 19385,

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    u'subnetwork_id': 9}],
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   u'id': 18822,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 6682,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 9294,
   u'subnetwork_id': 10}],
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   u'gender': u'F',
   u'id': 10292,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'M',
   u'id': 5947,
   u'subnetwork_id': 7}],
 'rue de plasisance 11; 1400': [{u'addressOriginal': u'Rue de Plasisance 11 ',
   u'expires': u'',
   u'gender': u'M',
   u'id': 16968,
   u'subnetwork_id': 8}],
 'route de glion 110; 1823': [{u'addressOriginal': u'route de glion 110',
   u'expires': u'',
   u'gender': u'F',
   u'id': 24385,
   u'subnetwork_id': 10}],
 'maladi\xc3\xa8re 14; 1022': [{u'addressOriginal': u'maladi\xe8re 14',
   u'expires': u'',
   u'gender': u'F',
   u'id': 1343,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
   u'id': 15708,
   u'subnetwork_id': 18}],
 'quartier pr\xc3\xa9fintaine 48, chambre 161; 1023': [{u'addressOriginal': u'Quartier Pr\xe9f
   u'expires': u'',
   u'gender': u'F',
   u'id': 18005,
   u'subnetwork_id': 10}],
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   u'expires': u'',
   u'gender': u'F',
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      u'id': 24272,
      u'subnetwork_id': 10}],
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      u'gender': u'F',
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      u'subnetwork_id': 8}],
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      u'id': 23662,
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   u'id': 12940,
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   u'id': 5728,
   u'subnetwork_id': 8}],
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   u'id': 11692,
   u'subnetwork_id': 12}],
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      u'id': 4994,
      u'subnetwork_id': 2}],
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      u'gender': u'F',
      u'id': 9067,
      u'subnetwork_id': 10}],
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      u'subnetwork_id': 10}],
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      u'gender': u'F',
      u'id': 18159,
      u'subnetwork_id': 12}],
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      u'id': 3717,
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      u'gender': u'F',
      u'id': 23003,
      u'subnetwork_id': 10}],
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      u'id': 7202,
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      u'gender': u'F',
      u'id': 21307,
      u'subnetwork_id': 10}],
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  u'id': 6325,
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  u'id': 2242,
  u'subnetwork_id': 10}],
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  u'subnetwork_id': 9}],
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  u'subnetwork_id': 10}],
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  u'id': 20374,
  u'subnetwork_id': 12}],
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  u'gender': u'F',
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   u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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   u'id': 2614,
   u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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   u'subnetwork_id': 10}],
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  u'subnetwork_id': 10}],
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  u'id': 23977,
  u'subnetwork_id': 12}],
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  u'subnetwork_id': 10}],
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  u'id': 11635,
  u'subnetwork_id': 10}],
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  u'id': 5852,
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  u'subnetwork_id': 10}],
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  u'subnetwork_id': 12}],
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  u'id': 16104,
  u'subnetwork_id': 12}],
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  u'subnetwork_id': 10}],
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  u'subnetwork_id': 7}],
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  u'subnetwork_id': 18}],
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   u'subnetwork_id': 8}],
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   u'id': 1772,
   u'subnetwork_id': 10}],
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   u'id': 22975,
   u'subnetwork_id': 10}],
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   u'id': 19074,
   u'subnetwork_id': 10}],
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   u'subnetwork_id': 8}],
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   u'id': 9636,
   u'subnetwork_id': 10}],
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      u'id': 721,
      u'subnetwork_id': 9}],
  'avenue rolliez 18; 1800': [{u'addressOriginal': u'Av Rolliez 18',
      u'expires': u'',
      u'gender': u'F',
      u'id': 1227,
      u'subnetwork_id': 10}],
  'avenue de rhodanie 64a n126; 1007': [{u'addressOriginal': u'Avenue de Rhodanie 64A N126',
      u'expires': u'',
      u'gender': u'F',
      u'id': 15112,
      u'subnetwork_id': 10}],
  'rue edouard payot 8; 1005': [{u'addressOriginal': u'Rue Edouard Payot 8',
      u'expires': u'',
      u'gender': u'F',
      u'id': 17939,
      u'subnetwork_id': 10}],
  '9 avenue des vains; 1007': [{u'addressOriginal': u'9 Avenue des Vains',
      u'expires': u'',
      u'gender': u'F',
      u'id': 14942,
      u'subnetwork_id': 10}],
  'avenue de bains 11 residence de cedres chambre 220; 1007': [{u'addressOriginal': u'avenue de
      u'expires': u'',
      u'gender': u'F',
      u'id': 3086,
      u'subnetwork_id': 10}],
  'avenue d echallens 13; 1004': [{u'addressOriginal': u'avenue d Echallens 13',
      u'expires': u'',
      u'gender': u'F',
      u'id': 7860,
      u'subnetwork_id': 10}],
  'avenue de morges 76; 1027': [{u'addressOriginal': u'Avenue de Morges 76',
      u'expires': u'',
      u'gender': u'F',
      u'id': 13526,
      u'subnetwork_id': 9}],
  'chemin des roses 3; 1400': [{u'addressOriginal': u'Ch. des Roses 3',
      u'expires': u'',
      u'gender': u'F',
      u'id': 4910,
      u'subnetwork_id': 10}],
  'avenue du gray 78; 1008': [{u'addressOriginal': u'Av. du Gray 78',
      u'expires': u'',
      u'gender': u'F',
      u'id': 1170,
      u'subnetwork_id': 10}],
  'chemin de jolimont 12; 1700': [{u'addressOriginal': u'Chemin de Jolimont 12 ',
      u'expires': u'',

    u'gender': u'F',
    u'id': 22183,
    u'subnetwork_id': 2}],
 '40 west 72nd st; 1002': [{u'addressOriginal': u'40 West 72nd st',
    u'expires': u'',
    u'gender': u'F',
    u'id': 11674,
    u'subnetwork_id': 12}],
 'h\xc3\xb4tel de verbier; 1936': [{u'addressOriginal': u'H\xf4tel de Verbier',
    u'expires': u'',
    u'gender': u'F',
    u'id': 10531,
    u'subnetwork_id': 10}],
 'via delle scuole 16; 6900': [{u'addressOriginal': u'via delle Scuole 16',
    u'expires': u'',
    u'gender': u'M',
    u'id': 14801,
    u'subnetwork_id': 12}],
 'avenue de la fusion 208; 1920': [{u'addressOriginal': u'Avenue de la Fusion 208\r\n',
    u'expires': u'',
    u'gender': u'M',
    u'id': 13807,
    u'subnetwork_id': 2005}],
 "rue de l'union; 1800": [{u'addressOriginal': u"Rue de l'Union ",
    u'expires': u'',
    u'gender': u'F',
    u'id': 4626,
    u'subnetwork_id': 2005}],
 'chemin des jonquilles 13; 1020': [{u'addressOriginal': u'Ch. des Jonquilles 13',
    u'expires': u'',
    u'gender': u'F',
    u'id': 9866,
    u'subnetwork_id': 10}],
 '16a avenue ernest-pictet; 1203': [{u'addressOriginal': u'16a avenue ernest-pictet',
    u'expires': u'',
    u'gender': u'F',
    u'id': 22953,
    u'subnetwork_id': 10}],
 'route de mex 14; 1036': [{u'addressOriginal': u'Route de Mex 14',
    u'expires': u'',
    u'gender': u'F',
    u'id': 18950,
    u'subnetwork_id': 10}],
 'via pontegana 5; 6828': [{u'addressOriginal': u'via pontegana 5',
    u'expires': u'',
    u'gender': u'F',
    u'id': 13234,
    u'subnetwork_id': 12}],
 'paderewski 26; ': [{u'addressOriginal': u'Paderewski 26',
    u'expires': u'',
    u'gender': u'M',
    u'id': 4292,
    u'subnetwork_id': 2005}],
 '12 rue basse; 1422': [{u'addressOriginal': u'12 rue basse',

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     u'expires': u'',
     u'gender': u'F',
     u'id': 11877,
     u'subnetwork_id': 10}],
 'rte de taillepied 42; 1095': [{u'addressOriginal': u'rte de taillepied 42',
   u'expires': u'',
   u'gender': u'F',
   u'id': 2816,
   u'subnetwork_id': 10}],
 'cern bat 40 3b16; ': [{u'addressOriginal': u'CERN Bat 40 3B16',
   u'expires': u'',
   u'gender': u'F',
   u'id': 13509,
   u'subnetwork_id': 18}],
 'villette 26; 7761': [{u'addressOriginal': u'Villette 26',
   u'expires': u'',
   u'gender': u'F',
   u'id': 7357,
   u'subnetwork_id': 8}],
 '2 avenue mon loisir; 1006': [{u'addressOriginal': u'2 AVENUE MON LOISIR',
   u'expires': u'',
   u'gender': u'F',
   u'id': 10294,
   u'subnetwork_id': 10}],
 'chemin des berges 12-14, studio 140; 1022': [{u'addressOriginal': u'Chemin des Berges 12-14
   u'expires': u'',
   u'gender': u'F',
   u'id': 21339,
   u'subnetwork_id': 10}],
 'bourdonnette; 1007': [{u'addressOriginal': u'Bourdonnette',
   u'expires': u'',
   u'gender': u'F',
   u'id': 9035,
   u'subnetwork_id': 10}],
 'via livio 18; 6830': [{u'addressOriginal': u'via Livio 18',
   u'expires': u'',
   u'gender': u'F',
   u'id': 12345,
   u'subnetwork_id': 12}],
 'foyer hotel; ': [{u'addressOriginal': u'FOYER HOTEL ',
   u'expires': u'',
   u'gender': u'M',
   u'id': 14088,
   u'subnetwork_id': 18}],
 'louis ruchonnet 31; 1003': [{u'addressOriginal': u'Louis Ruchonnet 31',
   u'expires': u'',
   u'gender': u'F',
   u'id': 8810,
   u'subnetwork_id': 10}],
 'strada di soragno 6b; 6964': [{u'addressOriginal': u'Strada di Soragno 6B',
   u'expires': u'',
   u'gender': u'M',
   u'id': 6262,
   u'subnetwork_id': 12}],
```

'275 rue du journans; 0117': [{u'addressOriginal': u'275 rue du Journans',
  u'expires': u'',
  u'gender': u'F',
  u'id': 4363,
  u'subnetwork_id': 10}],
'via della posta, 25; 6951': [{u'addressOriginal': u'Via della posta, 25',
  u'expires': u'',
  u'gender': u'M',
  u'id': 6429,
  u'subnetwork_id': 12}],
'ch.des tuileries 1; 1066': [{u'addressOriginal': u'ch.des tuileries 1',
  u'expires': u'',
  u'gender': u'F',
  u'id': 5152,
  u'subnetwork_id': 9}],
'cardamines 20; 2400': [{u'addressOriginal': u'Cardamines 20',
  u'expires': u'',
  u'gender': u'F',
  u'id': 9774,
  u'subnetwork_id': 10}],
'c.p. 31; 1823': [{u'addressOriginal': u'C.P. 31',
  u'expires': u'',
  u'gender': u'F',
  u'id': 12476,
  u'subnetwork_id': 10}],
'via paese savosa 16; 6942': [{u'addressOriginal': u'Via Paese Savosa 16',
  u'expires': u'',
  u'gender': u'F',
  u'id': 17708,
  u'subnetwork_id': 12}],
'cern 73-1-013; 1217': [{u'addressOriginal': u'Cern 73-1-013 ',
  u'expires': u'',
  u'gender': u'M',
  u'id': 13708,
  u'subnetwork_id': 18}],
'rue gare 6; 1110': [{u'addressOriginal': u'Rue gare 6',
  u'expires': u'',
  u'gender': u'F',
  u'id': 6829,
  u'subnetwork_id': 10}],
'r.te cantonale 35, room 121; 1025': [{u'addressOriginal': u'R.te Cantonale 35, room 121',
  u'expires': u'',
  u'gender': u'F',
  u'id': 7233,
  u'subnetwork_id': 10}],
"14 place d'armes; 1227": [{u'addressOriginal': u"14 place d'Armes",
  u'expires': u'',
  u'gender': u'F',
  u'id': 4194,
  u'subnetwork_id': 10}],
'le vieux bourg 10; 1026': [{u'addressOriginal': u'le vieux bourg 10',
  u'expires': u'',
  u'gender': u'F',
  u'id': 15675,

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  u'subnetwork_id': 10}],
'avenue du temple 10e; 1012': [{u'addressOriginal': u'Av. du temple 10E',
  u'expires': u'',
  u'gender': u'F',
  u'id': 1114,
  u'subnetwork_id': 9}],
'avenue du rytz 18; 1950': [{u'addressOriginal': u'avenue du Rytz 18',
  u'expires': u'',
  u'gender': u'F',
  u'id': 5913,
  u'subnetwork_id': 7}],
'chemin des emetaux 7; 1131': [{u'addressOriginal': u'Chemin des Emetaux 7',
  u'expires': u'',
  u'gender': u'F',
  u'id': 21850,
  u'subnetwork_id': 10}],
'via cuserina 13; 2882': [{u'addressOriginal': u'via cuserina 13',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23739,
  u'subnetwork_id': 12}],
'rue des laurelles 6; 1304': [{u'addressOriginal': u'Rue des Laurelles 6',
  u'expires': u'',
  u'gender': u'F',
  u'id': 11460,
  u'subnetwork_id': 10}],
'via cantonale 43c; 6963': [{u'addressOriginal': u'via Cantonale 43c',
  u'expires': u'',
  u'gender': u'M',
  u'id': 15317,
  u'subnetwork_id': 12}],
'chemin de cousson 3; 1042': [{u'addressOriginal': u'Ch. de Cousson 3',
  u'expires': u'',
  u'gender': u'F',
  u'id': 14766,
  u'subnetwork_id': 10}],
'pra mathaux 151; 1724': [{u'addressOriginal': u'Pra Mathaux 151',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23179,
  u'subnetwork_id': 10}],
'rue des philosophes 71; 1400': [{u'addressOriginal': u'rue des philosophes 71',
  u'expires': u'',
  u'gender': u'F',
  u'id': 10545,
  u'subnetwork_id': 10}],
'via poncina 1; 6965': [{u'addressOriginal': u'Via Poncina 1',
  u'expires': u'',
  u'gender': u'M',
  u'id': 6231,
  u'subnetwork_id': 12}],
'via trevano 123; 6900': [{u'addressOriginal': u'Via Trevano 123',
  u'expires': u'',
  u'gender': u'M',
```

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  u'id': 16032,
  u'subnetwork_id': 12}],
'chemin des cedres 10; 1004': [{u'addressOriginal': u'Chemin des Cedres 10',
  u'expires': u'',
  u'gender': u'F',
  u'id': 3503,
  u'subnetwork_id': 10}],
'route de vallaire,2, 1024, ecublens; 1024': [{u'addressOriginal': u'ROUTE DE VALLAIRE,2, 102
  u'expires': u'',
  u'gender': u'F',
  u'id': 24114,
  u'subnetwork_id': 10}],
'avenue de cour 7; 1007': [{u'addressOriginal': u'Avenue de cour 7',
  u'expires': u'',
  u'gender': u'M',
  u'id': 6337,
  u'subnetwork_id': 9}],
'avenue de la confr\xc3\xa9rie 4 co. nicolas gobet; 1004': [{u'addressOriginal': u'Av de la C
  u'expires': u'',
  u'gender': u'F',
  u'id': 9233,
  u'subnetwork_id': 10}],
'noyers 2a; 1131': [{u'addressOriginal': u'Noyers 2A',
  u'expires': u'',
  u'gender': u'F',
  u'id': 6629,
  u'subnetwork_id': 10}],
'ch.du bois d\xc3\xa9sert 6; 1375': [{u'addressOriginal': u'Ch.du Bois D\xe9sert 6',
  u'expires': u'',
  u'gender': u'M',
  u'id': 7430,
  u'subnetwork_id': 8}],
'route des champs de la court 2a; 2013': [{u'addressOriginal': u'route des champs de la court
  u'expires': u'',
  u'gender': u'F',
  u'id': 9981,
  u'subnetwork_id': 10}],
'chemin du stand 19b; 1024': [{u'addressOriginal': u'Chemin du Stand 19B',
  u'expires': u'',
  u'gender': u'F',
  u'id': 8110,
  u'subnetwork_id': 10}],
'chemin des bruyeres 16; 1007': [{u'addressOriginal': u'Chemin des Bruyeres 16',
  u'expires': u'',
  u'gender': u'F',
  u'id': 23913,
  u'subnetwork_id': 10}],
'avenue de morges 20; 1004': [{u'addressOriginal': u'Avenue De Morges 20',
  u'expires': u'',
  u'gender': u'F',
  u'id': 2750,
  u'subnetwork_id': 10}],
'petit-bois 9; 1727': [{u'addressOriginal': u'Petit-Bois 9',
  u'expires': u'',
```

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           u'gender': u'F',
           u'id': 7534,
           u'subnetwork_id': 2}],
         'passage belle-rose 1; 1005': [{u'addressOriginal': u'Passage Belle-Rose 1',
           u'expires': u'',
           u'gender': u'F',
           u'id': 24572,
           u'subnetwork_id': 10}],
         ...}

In [719]: multiAdr = []
          for a, us in users_multiAdr.items():
              snnames = set(subnets_d[s][u'name'] if subnets_d.has_key(s) else str(s)
                            for s in set(u[u'subnetwork_id'] for u in us))
              multiAdr.append( {u'address': a,
                                u'numUsers': len(us),
                                u'numMales': sum(u['gender'] == "M" for u in us),
                                u'numFemales': sum(u['gender'] == "F" for u in us),
                                u'subnetworks': snnames})



          #print(pd.DataFrame(multiAdrMultiSN).to_string())
          multiAdr_df = pd.DataFrame(multiAdr).sort(['numUsers'], ascending=False)
          multiAdr_df[multiAdr_df['numUsers'] > 5]
```

Out[719]:

	address	numFemales	numMales
18	via lambertenghi 1; 6900	52	1
2288	chemin des falaises 3; 1005	52	0
1349	chemin des berges 12; 1022	41	0
2150	avenue des bains 9; 1007	37	0
332	via monte carmen 4; 6900	33	0
287	route cantonale 33; 1025	25	0
1444	via madonnetta 23; 6900	24	0
1649	place du tunnel 17; 1005	23	0
1826	avenue des bains 11; 1007	23	0
1997	rue de genève 76; 1004	22	0
1801	route cantonale 35; 1025	22	0
2534	via zurigo 1; 6900	20	1
325	rue du valentin 27; 1004	19	0
3395	route de chavannes 40; 1007	19	0
2562	chemin de la prairie 60; 1007	18	0
1781	etudiant unil en ã©change; 1015	16	0
2545	chemin des triaudes; 1024	16	0
2427	route de chavannes; 1007	15	0
618	rue de la blancherie 17; 1022	14	0
1667	via zurigo 3; 6900	13	1
3083	route de chavannes 46; 1007	13	0
2371	route cantonale 37; 1025	13	0
2629	cern;	10	3
3384	route de chavannes 50; 1007	13	0
3094	12 avenue de l'eglise anglaise; 1006	13	0
2418	11 avenue des bains; 1007	12	0
1554	92 avenue du tir fédéral; 1024	12	0
2590	33 route cantonale; 1025	12	0

355	avenue de rhodanie 64b; 1007	12	0
532	chemin de rionza 5; 1020	12	0
...	...	...	...
2209	chemin des berges 10; 1022	6	0
1941	103 route de geneve; 1026	6	0
3305	3 chemin de rionza; 1020	6	0
375	via stazio 6; 6900	6	0
198	via al chioso 9; 6900	6	0
479	5 chemin des triaudes; 1024	6	0
1895	rue de bassenges 2; 1024	6	0
3413	avenue floréal 5; 1006	6	0
2259	avenue du 14 avril 1; 1020	6	0
3159	place du nord 6; 1005	5	1
2260	avenue recordon 44; 1004	6	0
3134	via delle scuole 22; 6900	6	0
2851	via monte carmen 9; 6900	6	0
1280	chemin des avelines 12; 1004	6	0
2627	avenue du chablais 30; 1007	6	0
2708	64b avenue de rhodanie; 1007	6	0
1487	avenue des bains, 9; 1007	6	0
1292	rue de la blancherie 13; 1022	6	0
117	chemin sablet 2; 1110	6	0
3494	35 route cantonale; 1025	6	0
1130	route cantonale 39a; 1025	6	0
1446	quartiere maghetti 10; 6900	4	2
1214	via pedemonte 20; 6962	6	0
1309	route de la pisciculture 19; 1700	5	1
3388	77 rue de geneve; 1004	6	0
2566	eglantine 24; 1006	6	0
3497	chemin de rionza 3; 1020	6	0
2675	rue de la blancherie 38; 1022	6	0
1569	avenue de morges 74; 1004	6	0
1185	avenue de la gare 38; 1022	6	0

	numUsers	subnetworks
18	53	set([Lugano-Paradiso])
2288	52	set([Campus])
1349	41	set([Campus])
2150	37	set([Lausanne-Morges, Campus])
332	33	set([Lugano-Paradiso])
287	25	set([Lausanne-Morges, Campus])
1444	24	set([Lugano-Paradiso])
1649	23	set([Lausanne-Morges, Campus])
1826	23	set([Lausanne-Morges, Campus])
1997	22	set([Campus])
1801	22	set([Campus])
2534	21	set([Lugano-Paradiso])
325	19	set([Campus])
3395	19	set([Campus])
2562	18	set([Campus])
1781	16	set([Campus])
2545	16	set([Campus])
2427	15	set([Campus])
618	14	set([Campus])

```
1667         14              set([Lugano-Paradiso])
3083         13                     set([Campus])
2371         13                     set([Campus])
2629         13                       set([Cern])
3384         13                     set([Campus])
3094         13                     set([Campus])
2418         12                     set([Campus])
1554         12                     set([Campus])
2590         12                     set([Campus])
355          12                     set([Campus])
532          12                     set([Campus])
...          ...                             ...
2209          6                     set([Campus])
1941          6                     set([Campus])
3305          6                     set([Campus])
375           6              set([Lugano-Paradiso])
198           6              set([Lugano-Paradiso])
479           6                     set([Campus])
1895          6                     set([Campus])
3413          6                     set([Campus])
2259          6                     set([Campus])
3159          6   set([Yverdon-les-Bains, Campus])
2260          6                     set([Campus])
3134          6              set([Lugano-Paradiso])
2851          6              set([Lugano-Paradiso])
1280          6                     set([Campus])
2627          6                     set([Campus])
2708          6                     set([Campus])
1487          6                     set([Campus])
1292          6                     set([Campus])
117           6                     set([Campus])
3494          6                     set([Campus])
1130          6                     set([Campus])
1446          6              set([Lugano-Paradiso])
1214          6              set([Lugano-Paradiso])
1309          6               set([Agglo Fribourg])
3388          6                     set([Campus])
2566          6                     set([Campus])
3497          6                     set([Campus])
2675          6                     set([Campus])
1569          6                     set([Campus])
1185          6                     set([Campus])

[159 rows x 5 columns]

In [720]: uniqueAdr = []

        for a, us in users_uniqueAdr.items():
            snnames = set(subnets_d[s][u'name'] if subnets_d.has_key(s) else str(s)
                          for s in set(u[u'subnetwork_id'] for u in us))
            uniqueAdr.append( {u'address': a,
                          u'numUsers': len(us),
                          u'numMales': sum(u['gender'] == "M" for u in us),
                          u'numFemales': sum(u['gender'] == "F" for u in us),
```

```
                        u'subnetworks': snnames})

        uniqueAdr_df = pd.DataFrame(uniqueAdr)
        uniqueAdr_df
```

Out[720]:

	address	numFemales
0	bonne-espérance 28; 1006	1
1	37 route cantonnale; 1025	1
2	avenue de la dôle 4; 1005	1
3	abbesses 21; 2012	1
4	chemin de ponfilet 100; 1093	0
5	avenue victor ruffy 26; 1012	1
6	chemin du prieuré 3; 1304	1
7	chemin de £montétan 7; 1004	1
8	residence de prevessin;	0
9	17 chemin de la pièce; 1294	1
10	cern 31-2-016;	0
11	avenue des jordils 4; 1006	0
12	10 grand'rue; 1009	1
13	13-3-021;	1
14	chemin de petolèyres; 1110	1
15	rue du chateau 7; 1026	1
16	rte de buchillon 6i; 1162	1
17	11 rue de la navigation; 1201	0
18	chemin du couvent 3a; 1807	1
19	quartier pré fontaine 52/363; 1023	1
20	rue centrale 12; 1022	1
21	rue des moulins 17; 1800	1
22	rue du caudray 9; 1020	1
23	127 avenue de rhodanie; 1007	1
24	01 valmont; 1010	1
25	avenue d'echallens, 60; 1004	1
26	chemin du stand 13 b; 1024	1
27	schreinerweg 9; 3012	1
28	maison des cedres (639), avenue des bains 11; ...	1
29	via d fontana1; 6500	1
...	...	...
11855	avenue du censuy 10; 1020	1
11856	chemin des noyers 7; 1860	1
11857	basf;	1
11858	avenue de l'esplanade 18; 1012	1
11859	route d'oron 14a; 1010	1
11860	room 34, chablais 30; 1007	1
11861	via discepoli 14; 6976	1
11862	route de chavannes 107; 1007	1
11863	chemin de villars 1d; 1092	1
11864	epfl ic iif lsir; 1015	1
11865	station 6 building ch; 1015	1
11866	rue des fontenailles 9; 1007	0
11867	vissigen 88; 1950	1
11868	epfl sti imx sunmil mxg 034 (bâtiment mxg) s...	1
11869	via carona 21; 6900	0
11870	cern bat 27-1-011;	1
11871	83 chemin de plantaz; 1095	1

11872	romaine 121; 1912	1
11873	via crano 24; 6946	1
11874	chemin du verger 20; 1752	1
11875	signal 8; 2300	1
11876	chemin du frêne 4; 1004	1
11877	rue du carroz 32c; 1278	1
11878	rte de crisser 4; 1020	1
11879	rue du noux 1; %091	1
11880	grand rue 38; 1260	1
11881	18 chemin du coteau; 1009	1
11882	cheneau de bourg 5; 1003	0
11883	via soldati 8; 6900	1
11884	au village 27; 1372	1

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11884          0          1              set([Campus])

[11885 rows x 5 columns]
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In [712]: sum(u['postal_code'] != u'' for u in users)

Out[712]: 21375

In [709]: trxn_users

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