

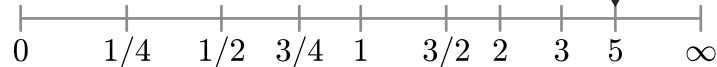
$\Omega_1$ : SNAP Participants 2012

$\Omega_2$ : SNAP Participants 2017

Divergence contribution  $\delta D_{5,\tau}^R(\%)$

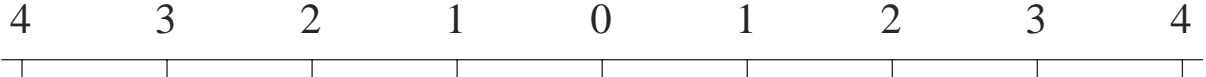
Instrument: Rank-Turbulence Divergence

$\alpha=5$



$D_5^R(\Omega_1 \parallel \Omega_2) = 0.379$   
 $\propto \sum_{\tau} \left| \frac{1}{r_{\tau,1}^5} - \frac{1}{r_{\tau,2}^5} \right|^{1/6}$

Lines of  
Constant  
 $\delta D_{5,\tau}^R$



	3 $\rightleftharpoons$ 2	17031 Cook IL
	36047 Kings NY	2 $\rightleftharpoons$ 3
	9 $\rightleftharpoons$ 6	4013 Maricopa AZ
42101 Philadelphia PA	6 $\rightleftharpoons$ 7	
36005 Bronx NY	7 $\rightleftharpoons$ 8	
36081 Queens NY	8 $\rightleftharpoons$ 9	
12086 Miami-Dade FL	10 $\rightleftharpoons$ 13	
	11 $\rightleftharpoons$ 10	6073 San Diego CA
	13 $\rightleftharpoons$ 11	48113 Dallas TX
	16 $\rightleftharpoons$ 12	6059 Orange CA
36061 New York NY	12 $\rightleftharpoons$ 16	
53033 King WA	15 $\rightleftharpoons$ 20	
	18 $\rightleftharpoons$ 15	48439 Tarrant TX
	23 $\rightleftharpoons$ 18	6065 Riverside CA
	30 $\rightleftharpoons$ 24	39049 Franklin OH
47157 Shelby TN	24 $\rightleftharpoons$ 30	
39035 Cuyahoga OH	20 $\rightleftharpoons$ 21	
12057 Hillsborough FL	21 $\rightleftharpoons$ 22	
	31 $\rightleftharpoons$ 26	12095 Orange FL
	28 $\rightleftharpoons$ 25	6067 Sacramento CA
24510 Baltimore MD	29 $\rightleftharpoons$ 44	
12011 Broward FL	22 $\rightleftharpoons$ 23	
12031 Duval FL	25 $\rightleftharpoons$ 27	
26125 Oakland MI	26 $\rightleftharpoons$ 28	
6019 Fresno CA	27 $\rightleftharpoons$ 29	
	39 $\rightleftharpoons$ 33	42003 Allegheny PA
	33 $\rightleftharpoons$ 31	6001 Alameda CA
34017 Hudson NJ	40 $\rightleftharpoons$ 59	
	37 $\rightleftharpoons$ 34	25017 Middlesex MA
26099 Macomb MI	34 $\rightleftharpoons$ 37	
12103 Pinellas FL	35 $\rightleftharpoons$ 38	
	53 $\rightleftharpoons$ 42	37119 Mecklenburg NC
	49 $\rightleftharpoons$ 41	18097 Marion IN
	38 $\rightleftharpoons$ 36	55079 Milwaukee WI
	57 $\rightleftharpoons$ 45	36103 Suffolk NY
34013 Essex NJ	48 $\rightleftharpoons$ 70	
13121 Fulton GA	43 $\rightleftharpoons$ 48	
25025 Suffolk MA	44 $\rightleftharpoons$ 49	
	36 $\rightleftharpoons$ 35	36029 Erie NY

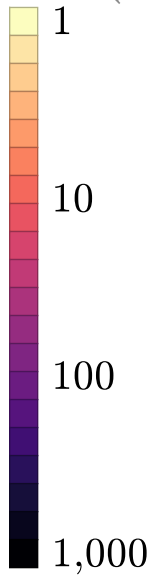
Balances:

49.6% total counts 50.4%

99.3% all Countys 99.2%

0.8% exclusive Countys 0.7%

50.3%—49.7%



Counts per cell

Rank  $r$   
for  
SNAP Participants 2012

Rank  $r$   
for  
SNAP Participants 2017