Diffusion of and attitudes on ivoting

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Diffusion of ivoting

**Theory**

**Empirics**

- **43.7%**

Graph showing the diffusion of innovation over time with categories: Innovators, Early adopters, Early majority, Late majority, and Laggards.
Diffusion of ivoting
Diffusion of ivoting

Age groups and ivoters
Typical ivoter

Age distribution of all ivoters

Age distribution of e-voters 2015 vs 2019

Density

0 0.01 0.02 0.03

0 10 20 30 40 50 60 70 80 90 100

age

2015 2019

kernel = epanechnikov, bandwidth = 1.2039
Typical ivoter

Age and gender distribution of all ivoters
How do they vote

Table: Speed of voting in seconds

<table>
<thead>
<tr>
<th>Election</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 local</td>
<td>172 (2:52 min)</td>
<td>89 (1:29 min)</td>
</tr>
<tr>
<td>2014 EP</td>
<td>140 (2:20 min)</td>
<td>81 (1:21 min)</td>
</tr>
<tr>
<td>2015 national</td>
<td>193 (3:13 min)</td>
<td>96 (1:36 min)</td>
</tr>
</tbody>
</table>

Age and speed

![Graphs showing session length vs age for 2013 Local, 2014 EP, and 2015 National elections. The graphs illustrate a decrease in session length with increasing age, with separate lines for male and female voters.](image-url)
How do they vote

Multiple voting in 2019

<table>
<thead>
<tr>
<th>Times voted</th>
<th>N</th>
<th>%</th>
<th>Cumulative %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>241,944</td>
<td>97.86</td>
<td>97.86</td>
</tr>
<tr>
<td>2</td>
<td>4,838</td>
<td>1.96</td>
<td>99.82</td>
</tr>
<tr>
<td>3</td>
<td>349</td>
<td>0.14</td>
<td>99.96</td>
</tr>
<tr>
<td>4</td>
<td>49</td>
<td>0.02</td>
<td>99.98</td>
</tr>
<tr>
<td>&gt;4</td>
<td>52</td>
<td>0.02</td>
<td>100.00</td>
</tr>
<tr>
<td>Total</td>
<td>247,232</td>
<td>100.00</td>
<td></td>
</tr>
</tbody>
</table>
What do they think about ivoting

Trust towards ivoting 2005-2019
What do they think about ivoting

Trust towards ivoting 2019

Trust towards ivoting 2005-2019
What do they think about i-voting

Trust towards i-voting 2019

Trust towards i-voting 2013-19
What do they think about ivoting

- Trust is a precondition for ivoting
- User experience adds very little to it
Thank you!

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