The Application of Competition Law in Big Data and Sharing Economy

——Yin Jie
I. Data, Big Data, Sharing Economy

II. Competition Law from the Perspective of Big Data and Sharing Economy
What is data?

What is big data?

What is sharing economy?
Physical symbols or their combinations

Numbers, letters, figures...

Light, sound, smell...
Data collection

Beyond the scope of software capabilities of traditional databases

Mass scale
Fast flow
Multiple types
Low value density

usage
Sharing Economy

共享經濟
## 2017 Global Unicorn Companies Rankings

<table>
<thead>
<tr>
<th>Rankings</th>
<th>Global Dujiaoshou Company</th>
<th>Valuation (100 million U.S. dollars)</th>
<th>COUNTRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Uber</td>
<td>68</td>
<td>America</td>
</tr>
<tr>
<td>2</td>
<td>ANT FINANCIAL SERVICES GROUP</td>
<td>60</td>
<td>China</td>
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<tr>
<td>3</td>
<td>Didi</td>
<td>50</td>
<td>China</td>
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<tr>
<td>4</td>
<td>Xiaomi</td>
<td>46</td>
<td>China</td>
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<td>5</td>
<td>Airbnb</td>
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<td>America</td>
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<td>6</td>
<td>Palantir Technologies</td>
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<td>7</td>
<td>LU.com</td>
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<td>Meituan Dianping.com</td>
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<td>WeWork</td>
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<tr>
<td>10</td>
<td>Space X</td>
<td>12</td>
<td>America</td>
</tr>
</tbody>
</table>
Cases concerning data competition

Phase 1: Software Interference, Malicious Attacks, and Snatching Users
Phase 2: Crawl and use other company’s data
Challenges to the Application of Anti-monopoly Law brought by Big Data and Sharing Economy Development

- Who take ownership of big data?
- How to identify issues related to new areas?
- The relationship between big data and market power?
- Is traditional analysis framework still suitable?

Ownership of static rights → Dynamic data behavior
China Sharing Economic Development Report

Average annual growth rate of 40%

Sharing economy trade in 2020 GDP10%+

Sharing economy is not an exception to antitrust law

5 to 10 Platforms will become ‘super platforms’ in the next 10 Years

The sharing economy should also respect the antitrust law
Thank you