

*Transparency at Work:*

**Monitoring Corruption with the  
Government Integrity Index System**

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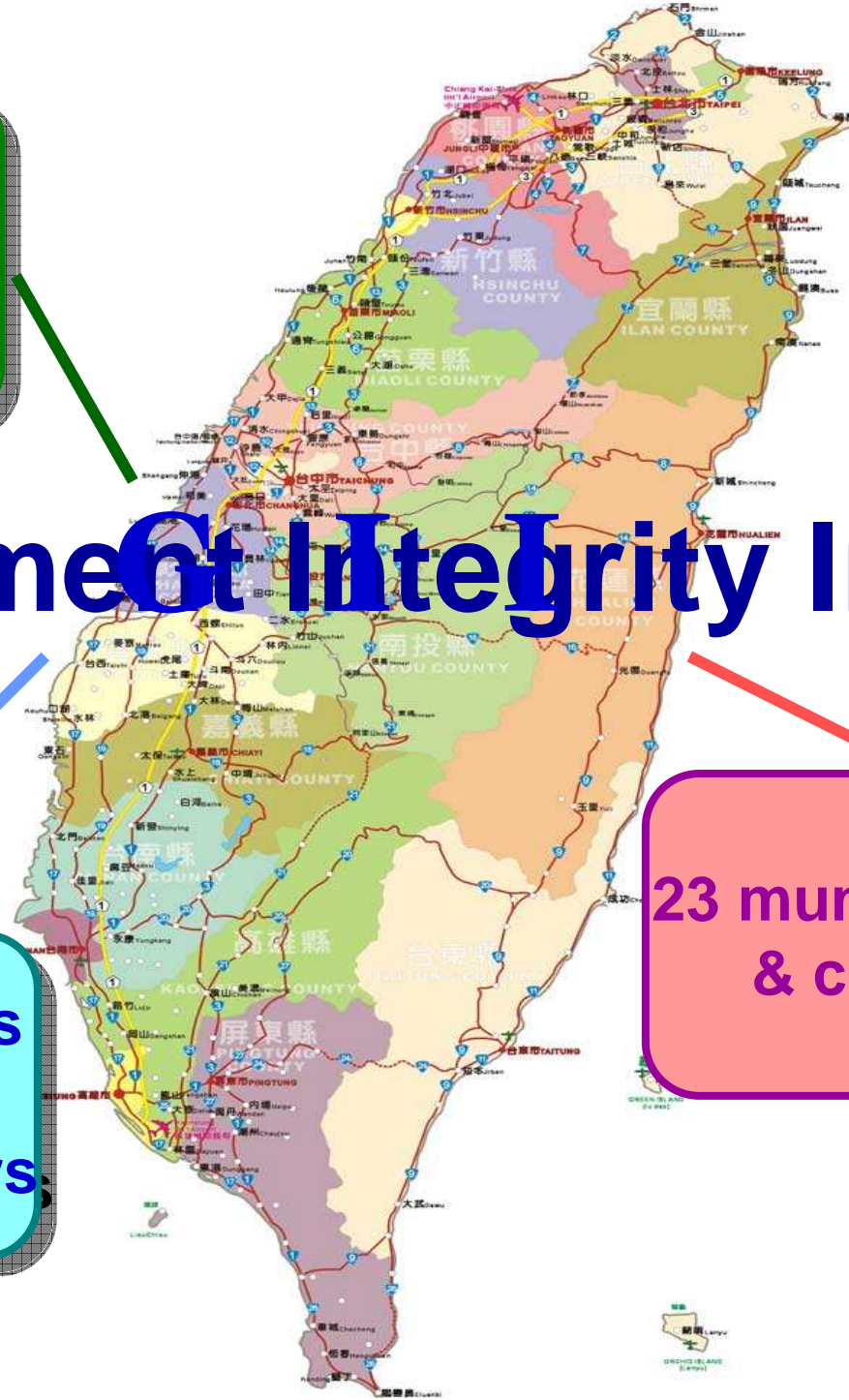
**Taipei, Taiwan**

**Director of Knowledge Management**

**TI-Chinese Taipei**

**4 Dimensions**  
**13 Constructs**  
**27 Indicators**

# Government Integrity Index

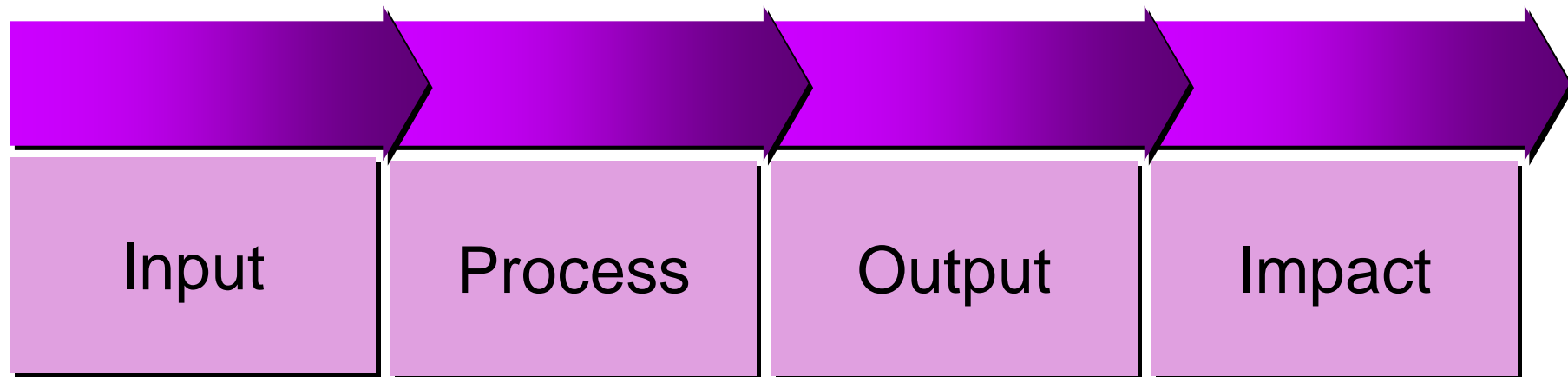


**23 municipalities  
& counties**

**Objective Indicators  
&  
Subjective Indicators**

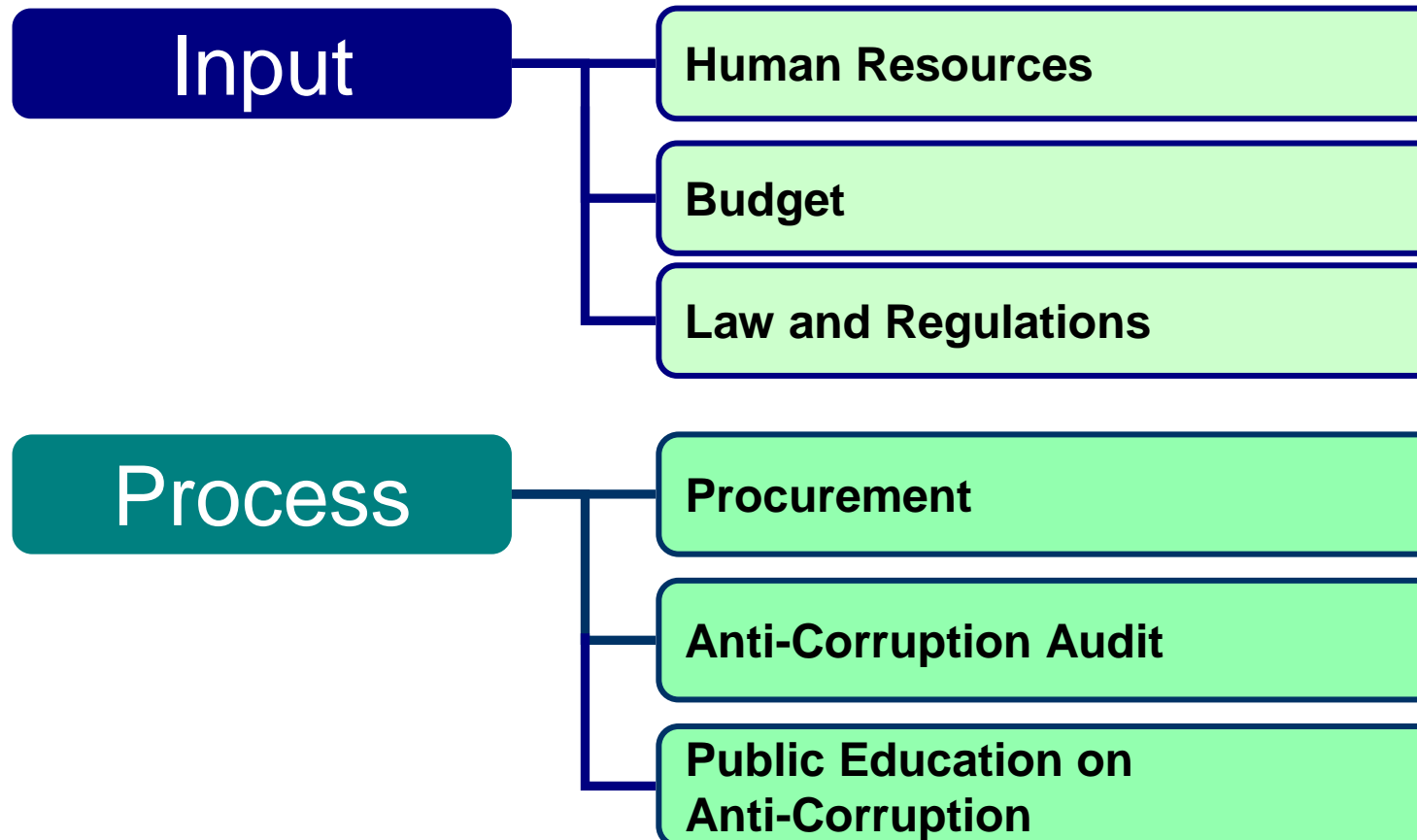
## Structure of Government Integrity Index (GII)

**4 Dimensions**

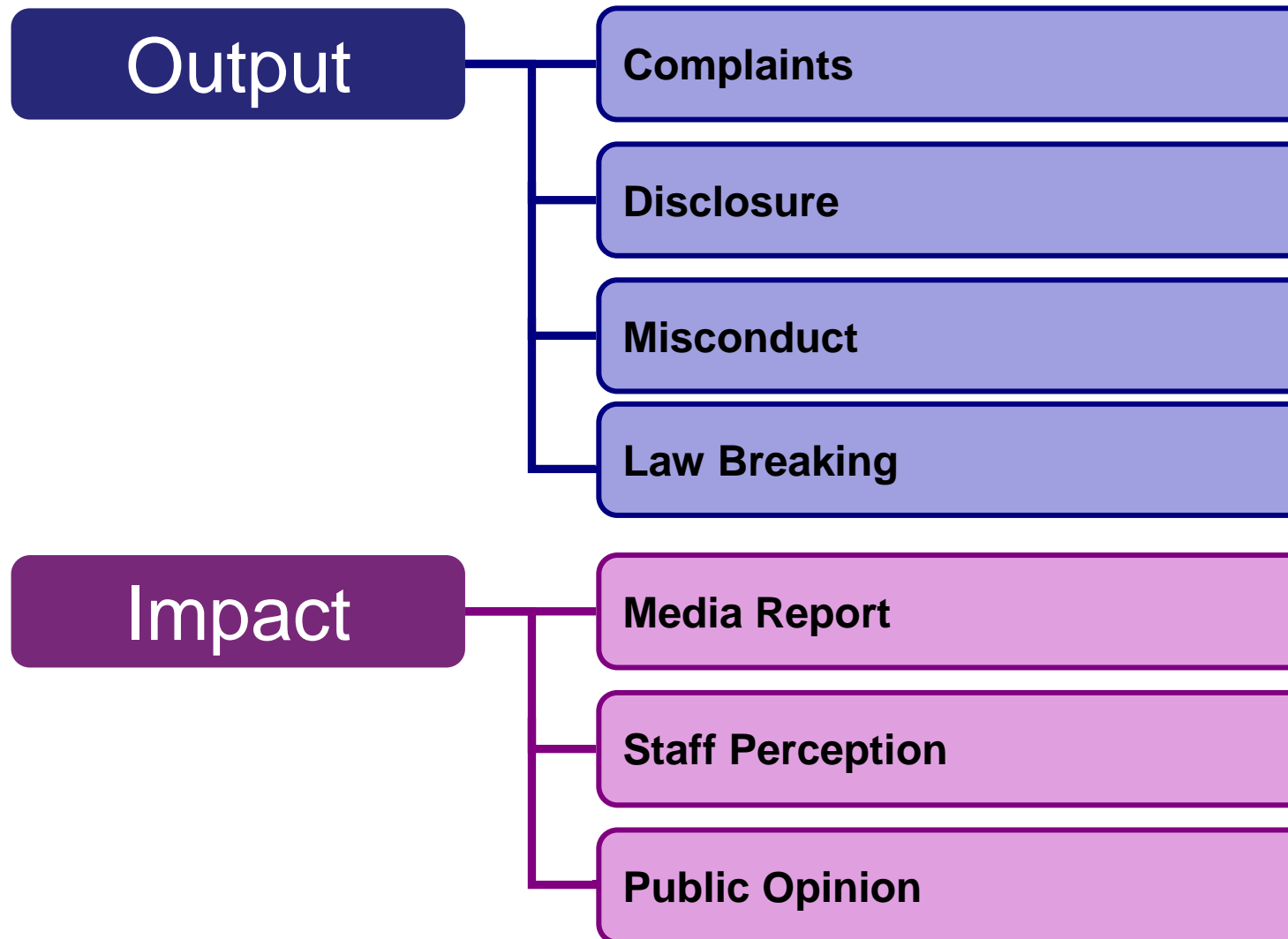


# Structure of Government Integrity Index (GII)

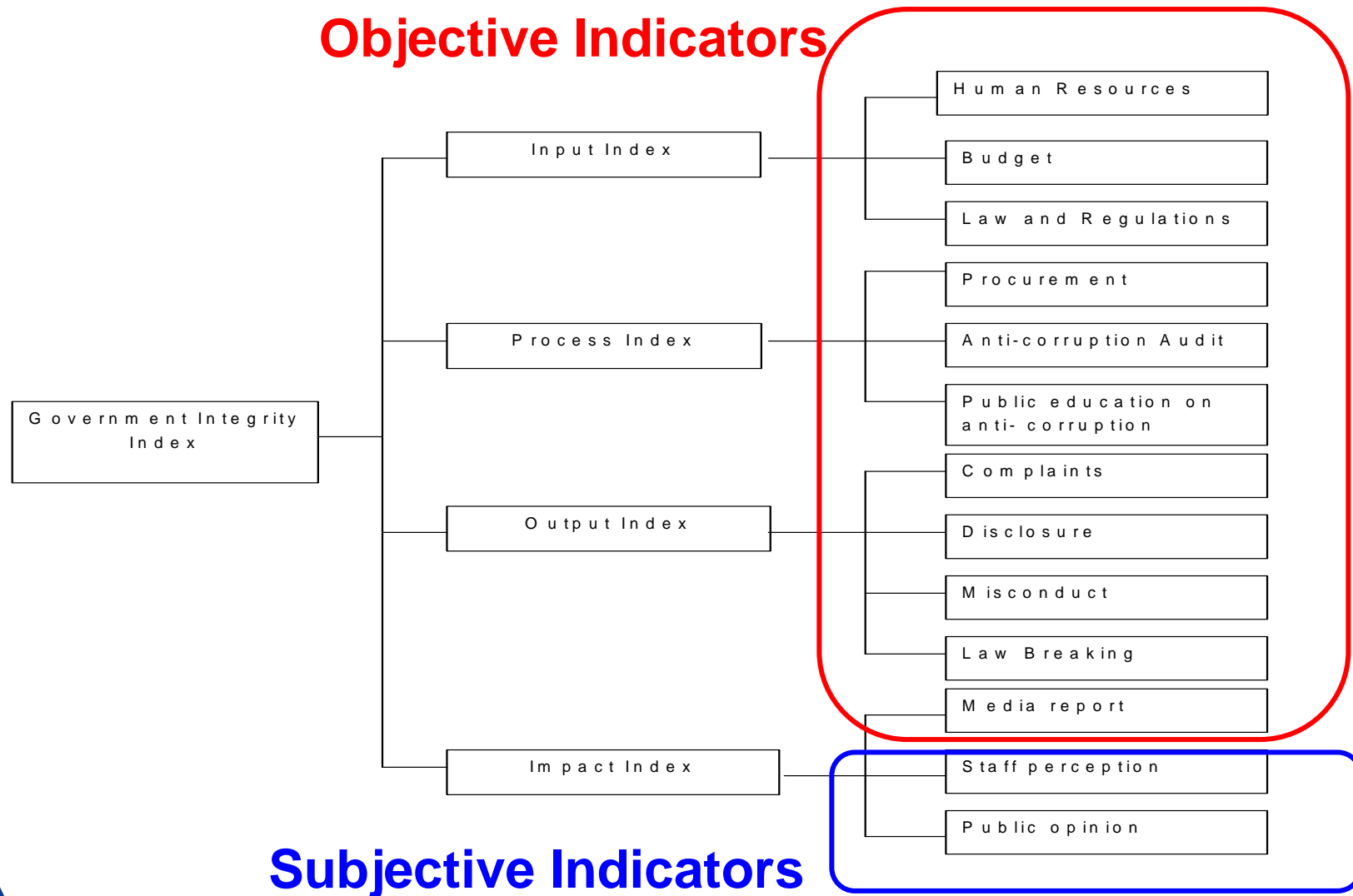
## 13 Constructs



## Structure of Government Integrity Index (GII)



# Structure of Government Integrity Index (GII)



## Structure of Government Integrity Index (GII)

- **Objective Indicators:** come from official statistics
- **Subjective Indicators:** come from two surveys
  - **Public opinion telephone survey** (hereafter Public Opinion Survey)
  - **Staff mailing survey** (hereafter Staff Survey)

## Operationalization of GII

### Stage 1

- **Standardization:** from original statistics to standardized Z scores.
- **Normalization:** multiply each standardized Z score by **-1**, if necessary
  - If the statistics look neutral, use their correlations with public opinion survey results to determine the directions



## Operationalization of GII

### Stage 2

➤ **Combining** normalized standardized scores into sub-dimension scores.

- Weighting method:

(1) using consensus by Delphic method, or

(2) performing factor analysis for each sub-dimension

extract only the first factor then using regression

method to get weights

## Operationalization of GII

### Stage 3

- **Combining** sub-dimension scores into dimension scores.

Weighting method:

- (1) using consensus by Delphic method, or
- (2) performing factor analysis for each dimension

- **Dimension score adjustment** using linear transformation,

- $SAx = 70 + (10 * Sx)$

## Operationalization of GII

### Stage 4

- **Combining** dimension scores into final index.

Weighting method:

- (1) using consensus by Delphic method, or
- (2) performing factor analysis on six dimension scores

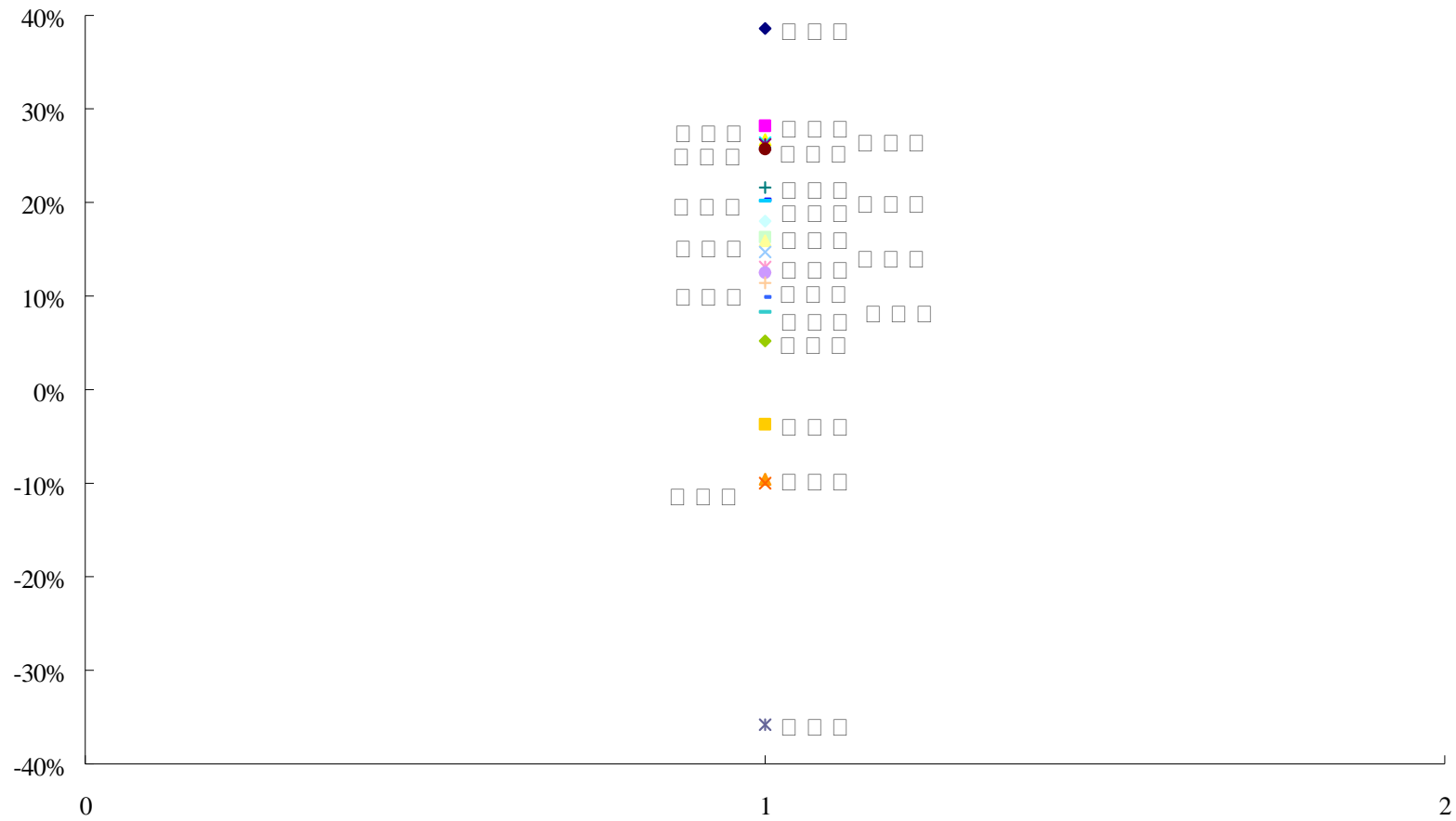
- **Final index adjustment**  
using linear transformation

$$GII = 70 + (10 * FI)$$

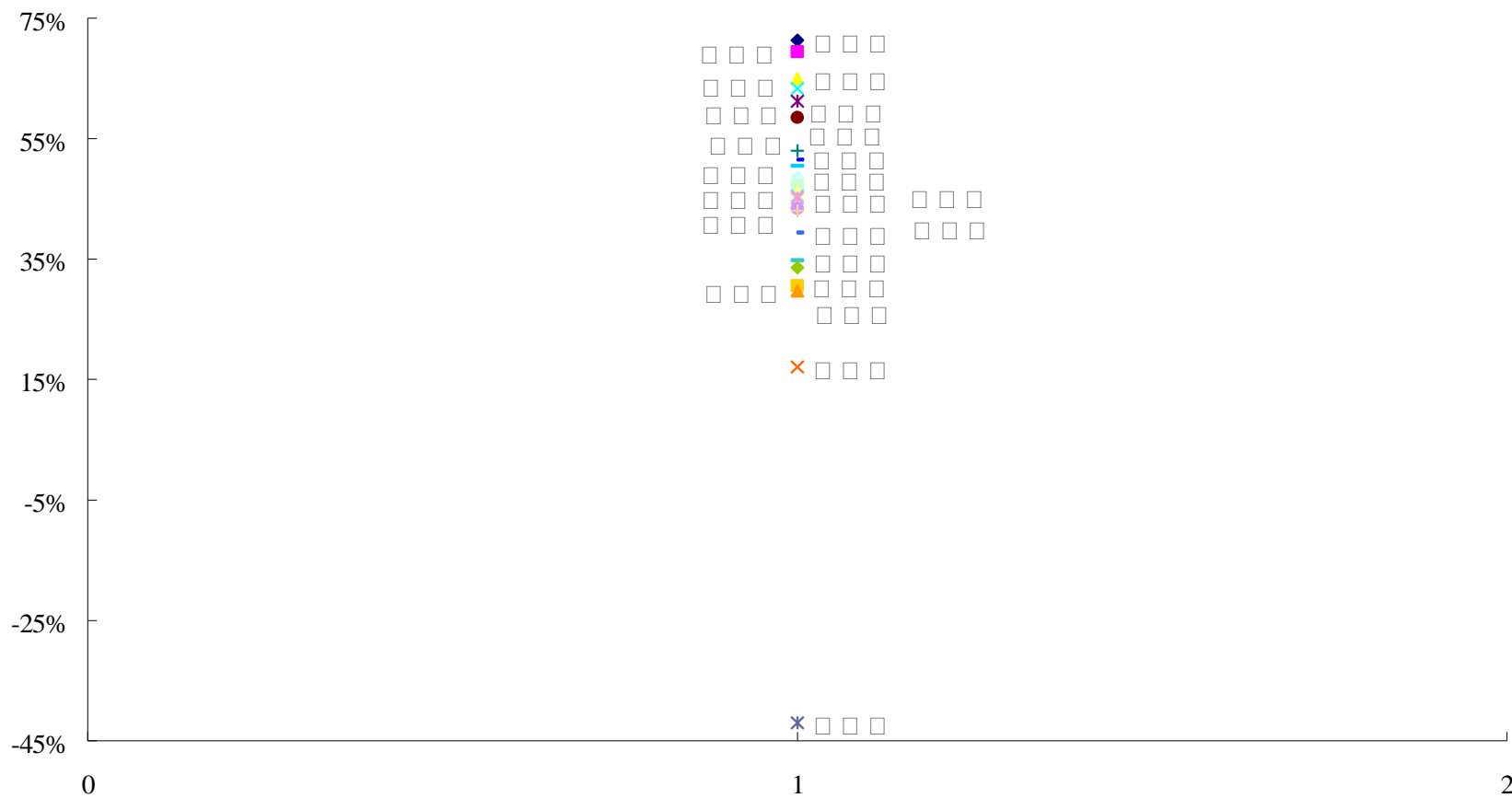
## Features of GII Results

- We have finished our **Beta Version** of GII with data from 23 municipalities/counties
  - We are working on the second round data collection
- **Grouping** rather than **ranking** by **multiple comparison technique**

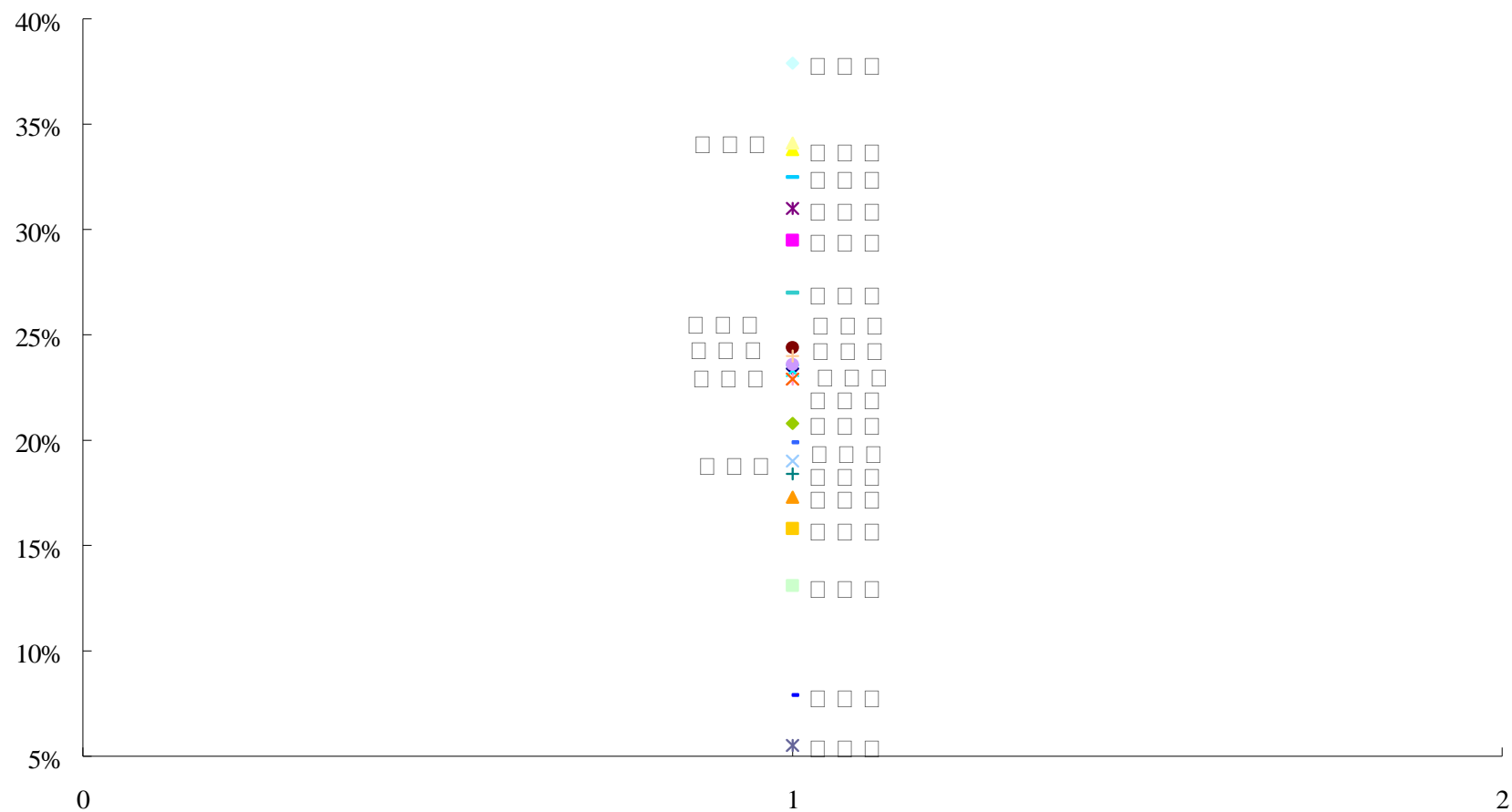
## Citizens' Assessment on Governmental Integrity in General



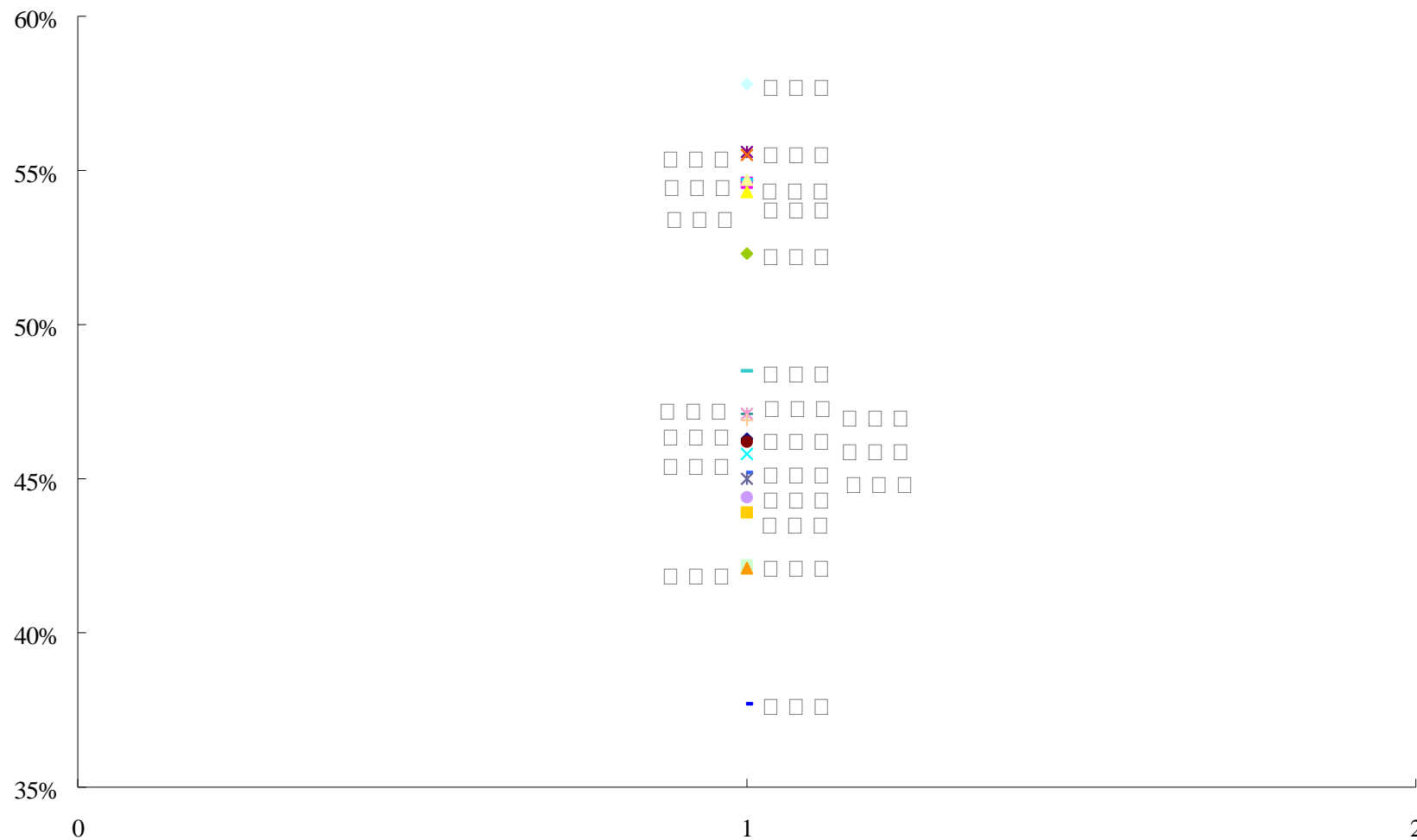
## Citizens' Assessment on Magistrates/Mayors' Integrity



## Citizens' Assessment on Department Chiefs' Integrity

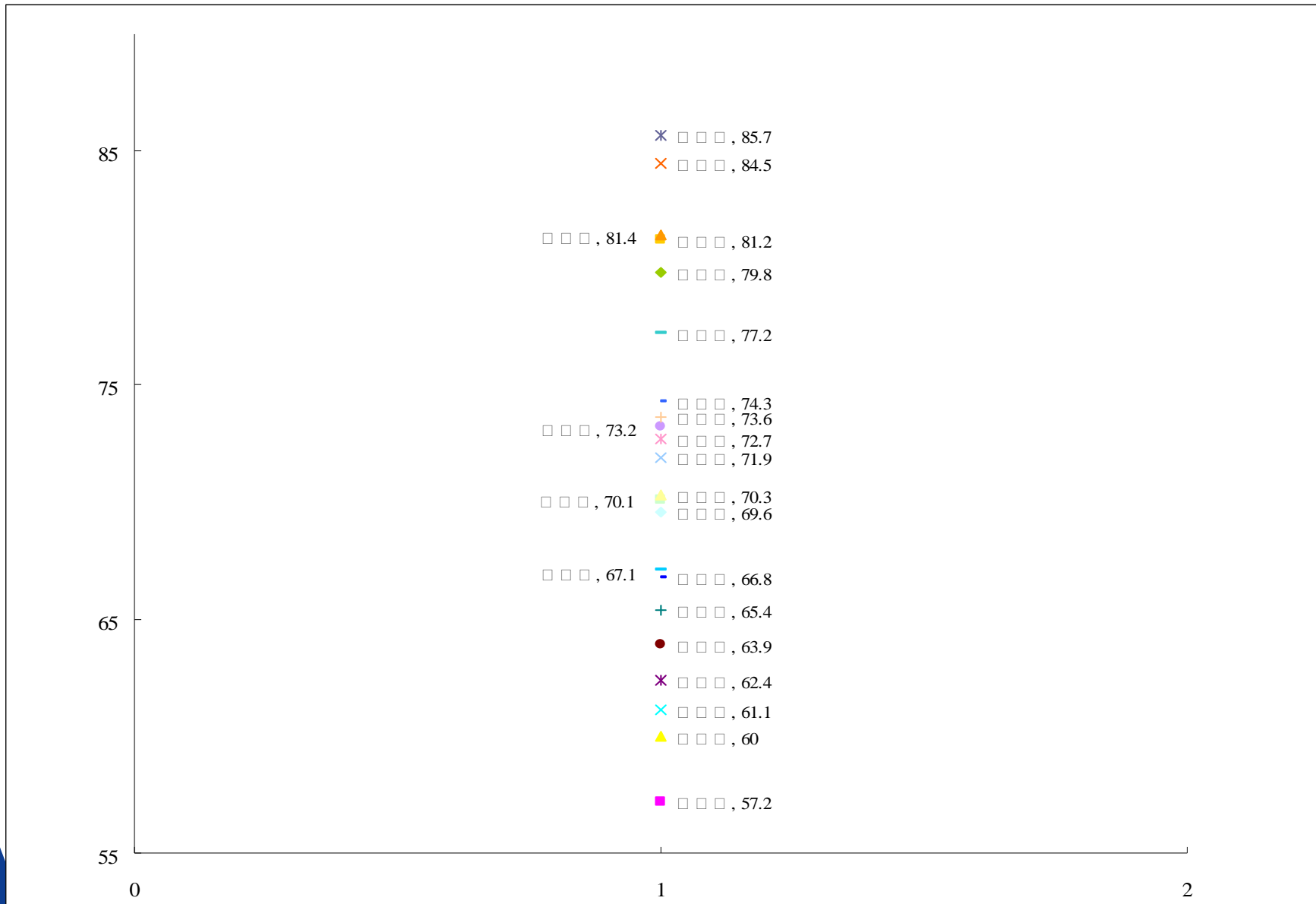


## Citizens' Assessment on Public Employees' Integrity





# Final Scores in GII Beta Version



## *Why grouping?*

Think about this...

If the score difference between the Last No.4 city/country and the Last No.3 is **50**, while the difference between the Last No.2 and the Last No.1 is **0.5**...

***Can we say this ranking is fair??***

## Conclusions

- We believe that
- Using **grouping technique** rather than ranking method has some advantages:
    - **taking the concept of “variation” into account,**
    - **making the assessment results are fairer and more acceptable,**
    - **minimizing the emotional overreaction or critique from the evaluated objects.**

## Conclusions

### Who has been involved in the GII measurement?

#### ➤ **Directly involved:**

- Citizens
- Public employees

#### ➤ **Indirectly involved:**

- The media (by news reports/coverage)
- Governments themselves (by official statistics input)

## Conclusions

### ➤ Impacts:

- Educating public officials that corruption/integrity can be measured.
- Requesting agencies to collect needed data regularly.
- Promoting the idea of “indicator management” to government-wide Department of Government Ethics.

### ➤ Challenges:

- Responding rate of staff survey is quite low, probably due to the sensitivity of the issue.
- Need to prevent from the systematic bias occurring from specific departments/local governments.

Thank You !