#### History and Projections of Tombs Research in the Taiwan Area

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## The ThakBong Project: Fieldwork

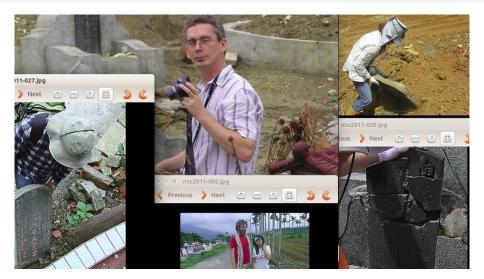


Figure 1

# The ThakBong Project: Fieldwork



Figure 2

# The ThakBong Project: GPS-Photos



Figure 3

## The ThakBong Project: Annotation and Transcription





**(b)** The transcription of a tombstone, overlaying the transcription interface

### The ThakBong Project

#### Large-Scale Survey

- since 2007
- 312.000 photos (with GPS, compass)
- 5000 audio files
- 77.000 tombs (38.000 transcribed)
- 1046 days of Fieldwork
- http://thakbong.dyndns.tv

## The ThakBong Project

#### **Data Integration**

- Researchers
- Students, friends, collaborators
- Community records
- Previous resaerch data

### The ThakBong Project: Archiving

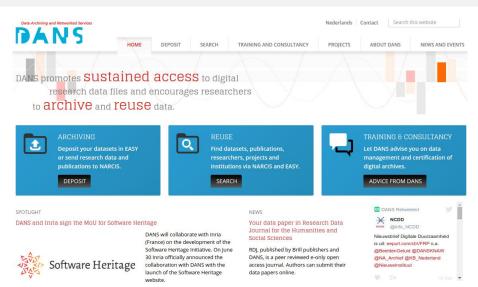
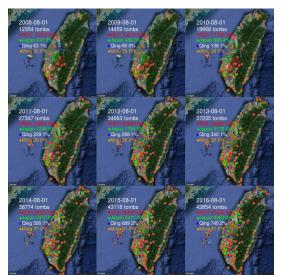


Figure 5

## Fieldwork History

#### Sampled per Year, Cumulative

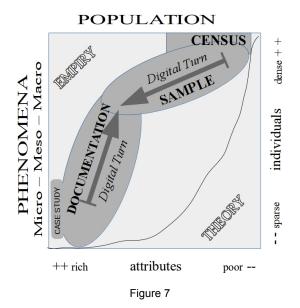


#### **Data Collection**

#### Survey

- Sampling
- Census
- Documentation
- Convenience sampling ## What is this?

#### **Data Collection**



#### Factors: Removal



Figure 8

#### Factor: Third party images

#### Researchers

#### Local administration

different themes, quantity and quality ## Older archives and research data

#### administration



# Previous Research, e.g. Wolfgang Franke

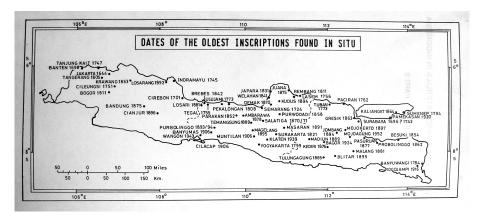


Figure 9

# Factor: Hot Spots (thematic): GU

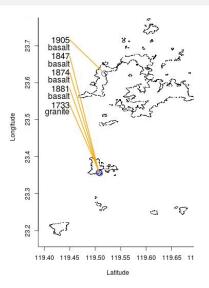


Figure 10

# Wolfgang Franke: GU



Figure 11

# Factor: Hot Spots ... Muslim graveyards



Figure 12

# Factor: Hot Spots ... Muslim graveyards



Figure 13

# Factor: Hot Spots ... Muslim graveyards



Figure 14

## Fieldwork History

#### Sampled per Year

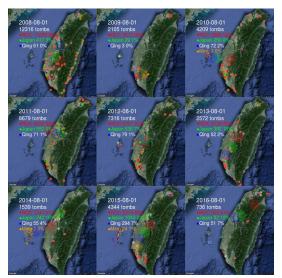


Figure 15

### Fieldwork, also Okinawa



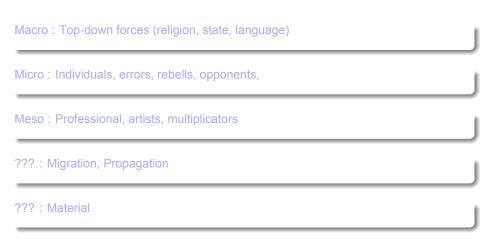
Figure 16

#### Fieldwork, also Japan



Figure 17

#### Micro - Meso - Macro: Different Agents



# Macro Phenomena (Carvers) -> Sampling

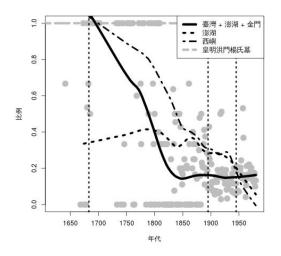


Figure 18

# Macro Phenomena (state) -> Sampling

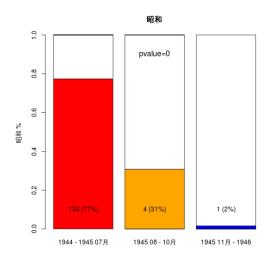


Figure 19

## Exceptions to Macro Phenomena -> ?



Figure 20

## Meso Phenomena (Space) -> Local documentation/sampling

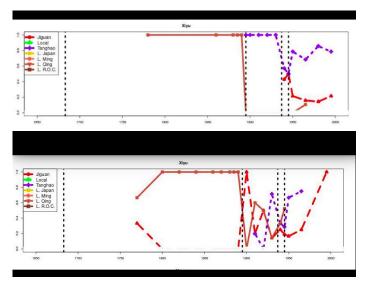


Figure 21

# Propagation -> Census



Figure 22

# Propagation -> Census ???

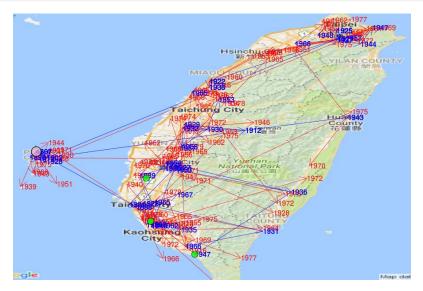


Figure 23

## Material (Natural Stone) -> Temporal Census

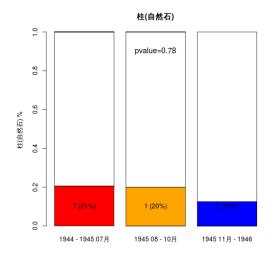


Figure 24

# Material (Artificial Stone) -> Temporal Census

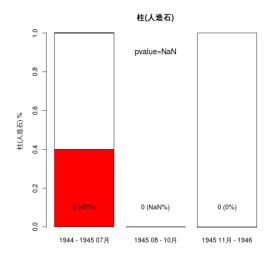


Figure 25

#### Micro + Meso + Macro == Sample ??

small statistical distortion, anyway

meaningful approaches require space and time

meaningful approaches require contrast

# Upcomming ...



That was DRGT 2015, an incredibly intense workshop. Now we are planning for DRGT 2017.



Figure 26