



LUND UNIVERSITY

Cómo la ‘descripción abierta’ impacta la documentación:



Un caso de estudio en el chatino de San Juan Quiahije

kyaq14: Denoting ‘uphill’ or ‘on the mountain,’ this term is used to refer to the upward direction of the uphill-downhill axis. When the slope is abstracted from the incline of the mountainside along which the San Juan town was built, the ‘uphill’ direction is approximately 177° SSE as located on a compass. When the slope is abstracted from the gentle valley incline underlying the village of Cieneguilla, the ‘uphill’ direction is approximately 302° WNW as located on a compass.

qya4: Denoting ‘downhill,’ this term is used to refer to the downward direction of the uphill-downhill axis. When the slope is abstracted from San Juan’s overall topography, the ‘downhill’ direction is approximately 357° NNW as located on a compass. When the term is abstracted from overall incline of Cieneguilla, the ‘downhill’ direction is approximately 122° ESE as located on a compass.

tsuq32: Denoting ‘along the side’ or ‘across,’ this term is used to label either end of an axis transecting the slope-derived ‘uphill-downhill’ axis. While there is another term used to refer to the two directions of the transverse axis, *tsuq32* is the unmarked lexical item.

qne1: Denoting ‘ahead,’ the transecting axis of the speaker is used to describe report that *qne1* may be used independent of the speaker’s orientation, and is used to refer to distal referents on the transecting axis. Still other speakers report that the term may be used independently of the speaker’s orientation and is used to refer to proximal referents on the transecting axis.



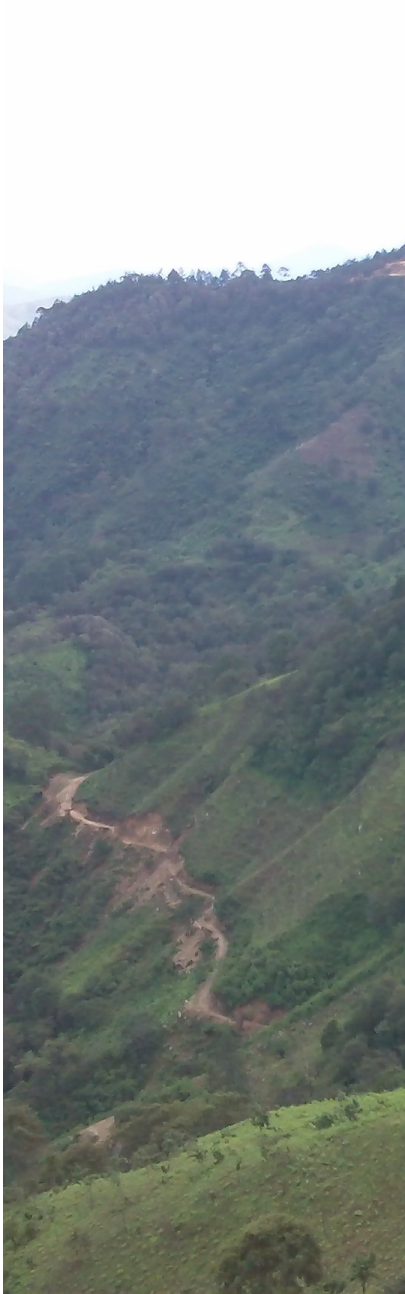


qa sa **qne** kwa

unh-hnn

‘hacia **el lado**, allá’

Índice



Contexto:

- Lingüística descriptiva y documental
- Ciencia abierta
- Términos para cuadrantes basado en la inclinación

El caso de *qne1* en el chatino de San Juan Quiahije

- Método de “descripción abierta”
- Su impacto en un proyecto documental

Discusión/Conclusión

Contexto: Enfoques de proyectos lingüísticos.

- **Lingüística descriptiva:**
 - se enfoque en estructuras lingüísticas
 - depende de juicios gramaticales
 - produce un resultado específico (p.e., diccionario)
- **Lingüística documental:**
 - pregunta cómo el discurso se organiza en una comunidad particular;
 - produce grabaciones (“textos”) anotadas

(Cf. Himmelman 2006; discusión en Austin 2014)

Contexto: Enfoques de proyectos lingüísticos.

- **Lingüística descriptiva:**

- **Lingüística documental:**

...son enfoques relacionados: la descripción nos permite entender qué pasa en el discurso, y decidir si los registros documentales son representativos

(Cf. Austin & Grenoble 2007)

Contexto: “Ciencia Abierta”

- Hacer todos los datos de un proyecto disponibles al público
- Describe los métodos en una manera clara y transparente

(Cf. Nosek et al., 2015; Gawne et al, 2017; Berez-Kroeker et al 2018)

Contexto: Términos para cuadrantes basado en la inclinación

Marcos de referencia (MdR): sistemas de coordenadas que definen a zonas en el espacio como direcciones.

MdRes geomórficos: localizan a entidades en relación con características de la topografía local.

(cf. Bohnemeyer et al. 2012)



Contexto: Términos para cuadrantes basado en la inclinación

Marcos de referencia (MdR): sistemas de coordenadas que define a zonas en el espacio como direcciones.

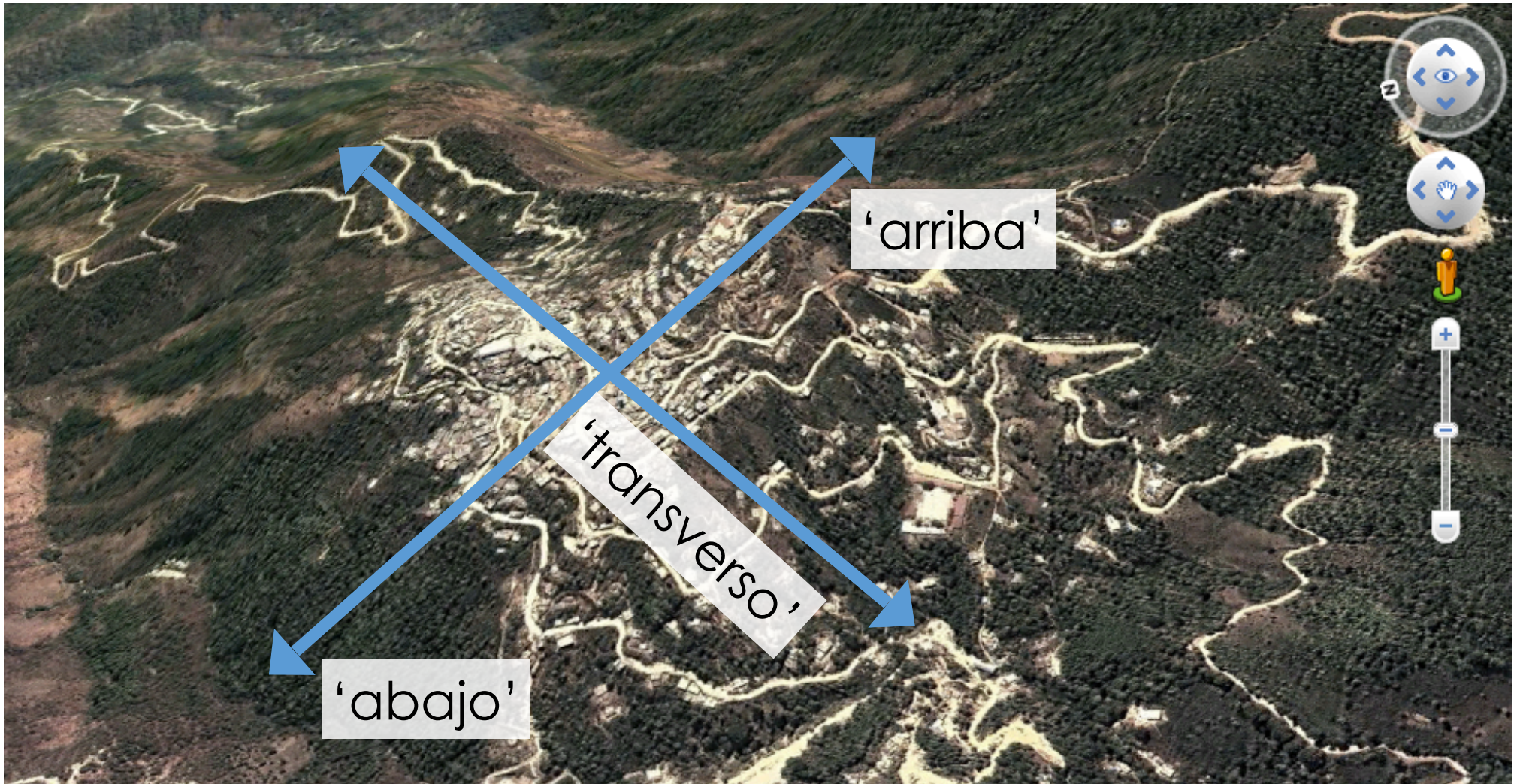
MdRes geomórficos: localizan a entidades en relación a características de la topografía local.

...p.e., la **inclinación de la topografía local.**

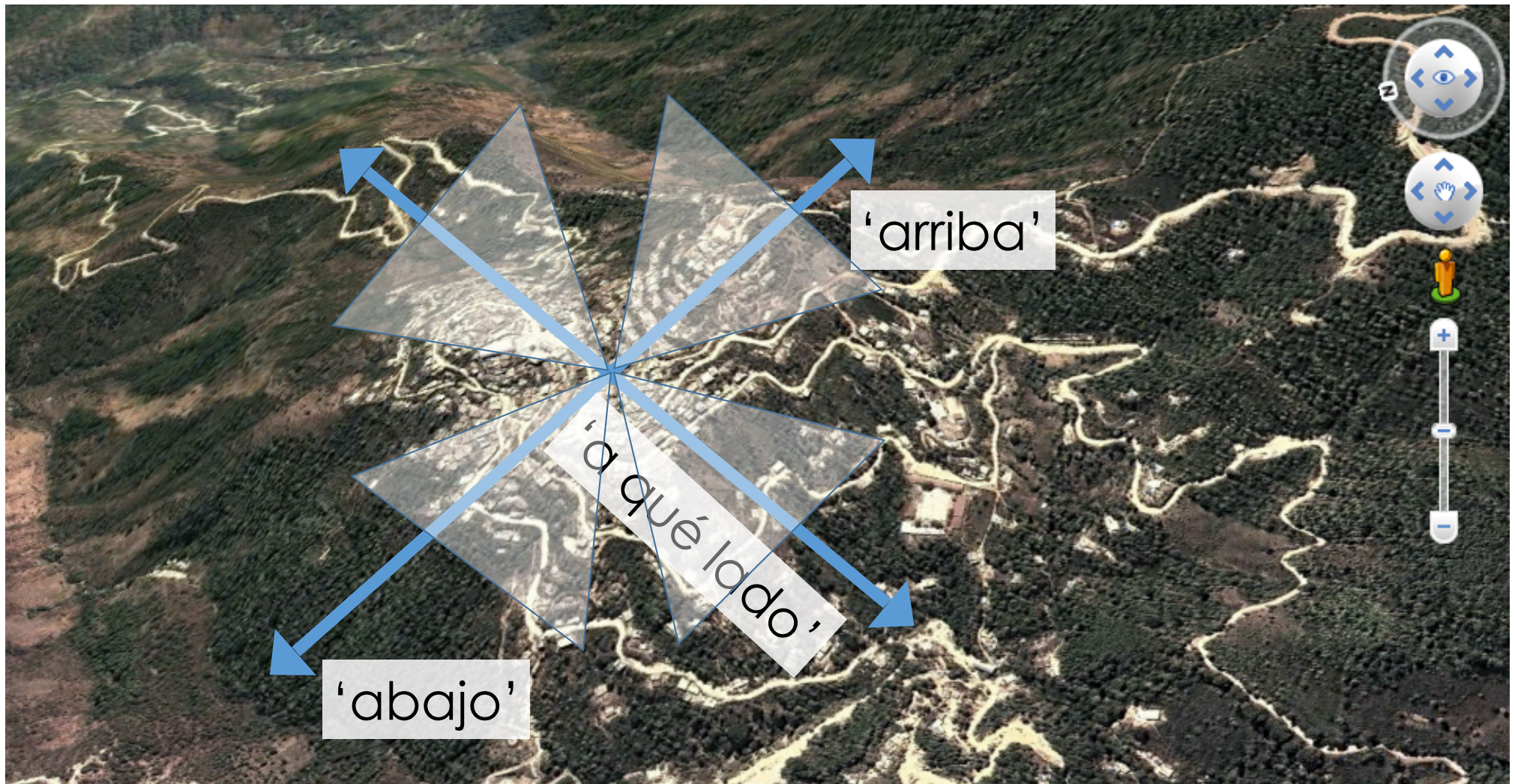




Los hablantes conceptualizan un eje con extremos en las direcciones “arriba” y “abajo”



...y superimponen un eje transversal



El sistema resultante: términos para cuadrantes basados en la inclinación

Términos para cuadrantes basado en la inclinación **en Mesoamerica**

Tzeltal de Tenejapa (Maya)

Brown & Levinson (1993); Levinson (2003); Polian & Bohneymeyer (2011)

Meseño Cora (Uto-Azteco)

Vásquez Soto (2011)

San Juan Quiahije Chatino (Oto-mangue)

¹Mesh (2017)

El caso de *qne1* en el chatino de San Juan Quiahije

...y el enfoque de “descripción abierta”

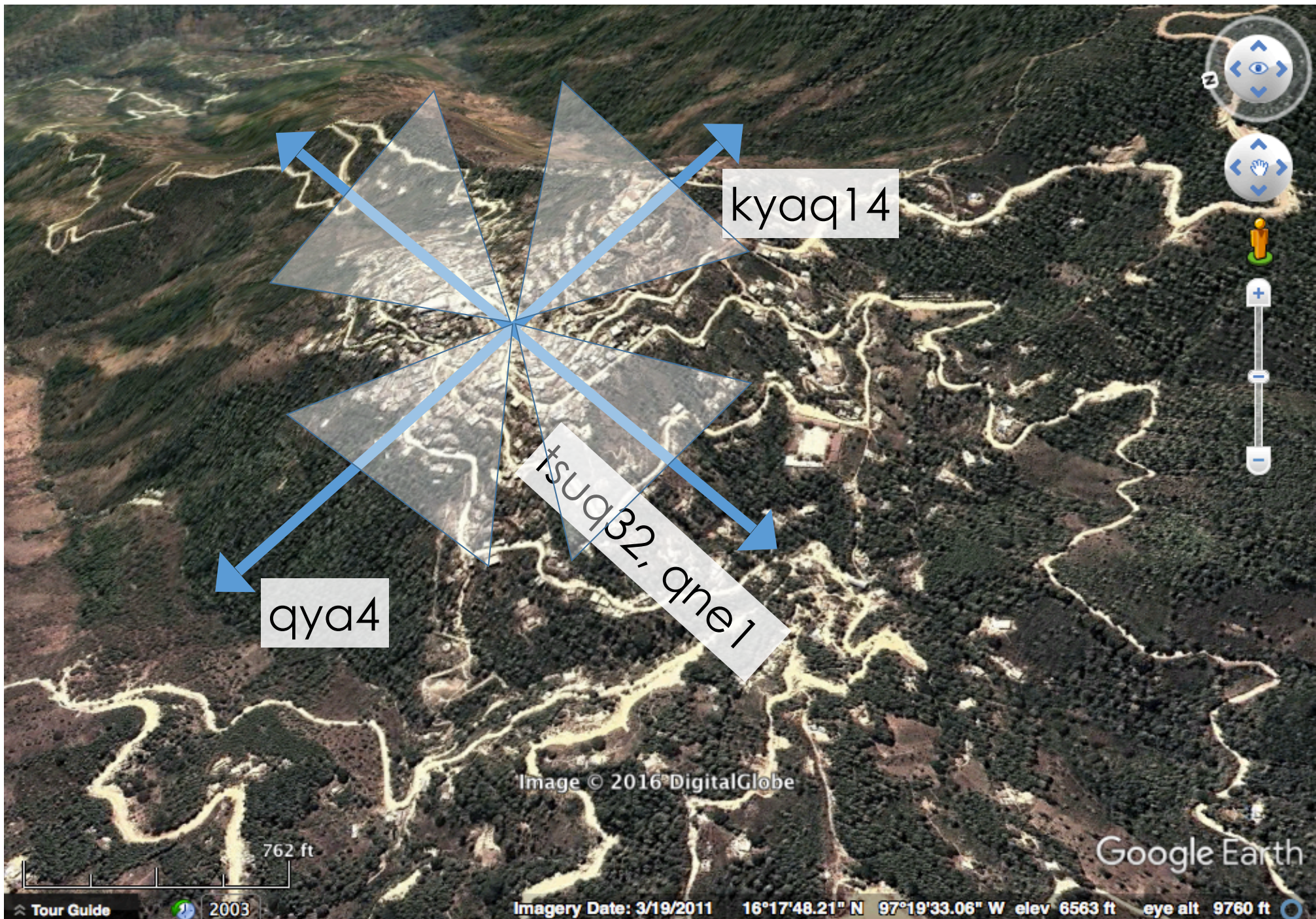


El Chatino de San Juan Quiahije

Oto-mangue, Zapoteco, Chatino

- Oaxaca, Mexico: Municipio de San Juan Quiahije
- ~3700 hablantes (INEGI 2014)





kyaq14

qya4

tsuq32, qne1

Image © 2016 DigitalGlobe

Google Earth

762 ft

Tour Guide



2003

Imagery Date: 3/19/2011

16°17'48.21" N 97°19'33.06" W elev 6563 ft eye alt 9760 ft

Método: Entrevistas metalingüísticas

Participantes

- C1: Mujer, ~45, ama de casa
- C4: Mujer, ~55, maestra
- C2: Hombre, ~40, campesino
- C3: Hombre, ~45, campesino
- C5: Hombre, ~50, maestro

Image © 2016 DigitalGlobe

Google Earth

762 ft

Tour Guide



2003

Imagery Date: 3/19/2011

16°17'48.21" N

97°19'33.06" W

elev 6563 ft

eye alt 9760 ft



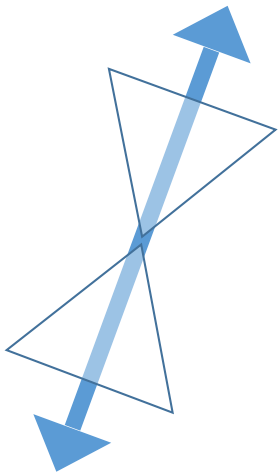
Método: Entrevistas metalingüísticas

Los participantes proporcionaron:

- Un **ejemplo** de cómo usarían cada término
- Un juicio de aceptabilidad del término para 8 **contextos de uso** inventados

*p.e., ud. está en la iglesia; su amiga está en la escuela X.
Se puede decir que su amiga está en la dirección que1?*
- Una opinión: hay **desacuerdo** sobre el uso del término?
- Una traducción del término en Español, y/o una explicación de las dificultades de traducción

Resumen de respuestas: **Acuerdo** sobre las términos para los **cuadrantes arriba y abajo**



kyaq14

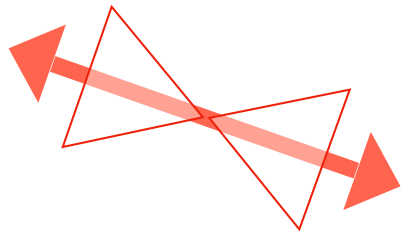
'arriba' en el eje
arriba-abajo

qya4

'abajo' en el eje
arriba-abajo

Resumen de respuestas: **Desacuerdo** sobre términos para **cuadrantes en el eje transverso**

tsuq32



Lit. 'a que lado.'

Referentes al eje transverso que no están en una ubicación destacada (*no marcado*)

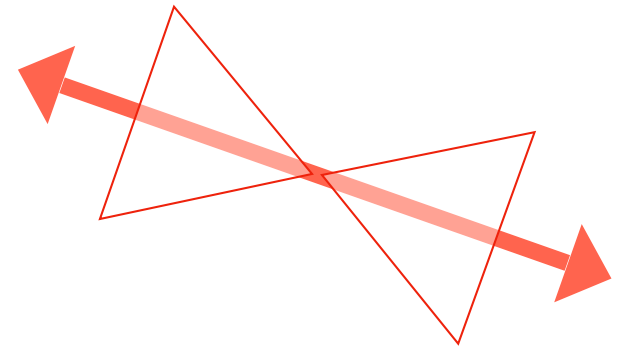
qne1

Lit. 'en frente'

Referentes al eje transverso que están:

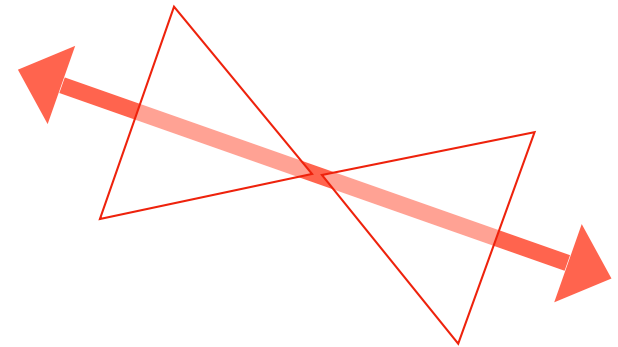
1. Frente al hablante..... C2, C4, C5
2. Lejos del sitio conversational..... C1, C4
3. Proximos al sitio conversational... C3

Qué hacer con este grupo de respuestas?



Qué hacer con este grupo de respuestas?

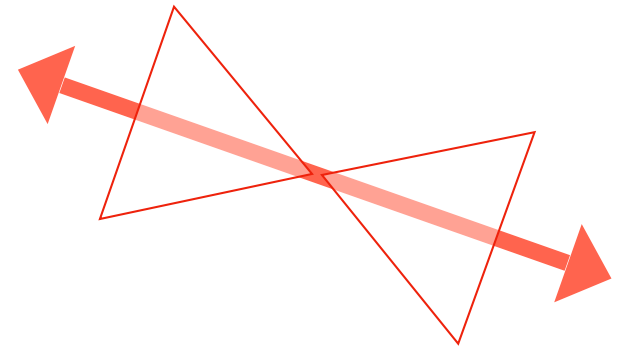
Crear una descripción “abierta,”
con juicios atribuidos a
participantes específicos.



Qué hacer con este grupo de respuestas?

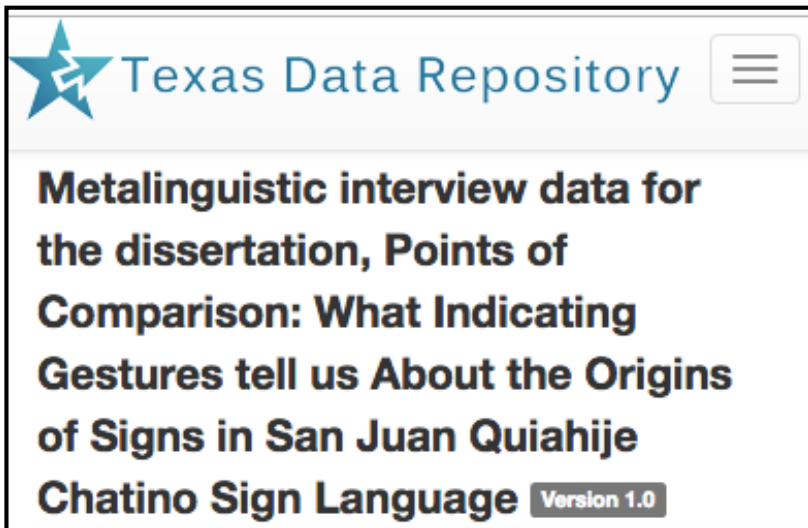
Crear una descripción “abierta,”
con juicios atribuidos a
participantes específicos.

El resultado: un lexema
que reflejó múltiples
sistemas gramaticales.



Qué hacer con este grupo de respuestas?

Crear una descripción
“abierta,” con juicios
atribuidos a participantes
específicos.



The screenshot shows the Texas Data Repository logo (a blue star with a white lightning bolt) and the text "Texas Data Repository" in blue. To the right is a hamburger menu icon. Below the header, the dataset title is displayed in bold black text: "Metalinguistic interview data for the dissertation, Points of Comparison: What Indicating Gestures tell us About the Origins of Signs in San Juan Quiahije Chatino Sign Language". A small grey box at the bottom right of the title area contains the text "Version 1.0".

kyaq14: Denoting ‘uphill’ or ‘on the mountain,’ this term is used to refer to the upward direction of the uphill-downhill axis. When the slope is abstracted from the incline of the mountainside along which the San Juan town was built, the ‘uphill’ direction is approximately 177° SSE as located on a compass. When the slope is abstracted from the gentle valley incline underlying the village of Cieneguilla, the ‘uphill’ direction is approximately 302° WNW as located on a compass.

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qne1: Denoting ‘ahead,’ *qne1* is an alternative term for identifying directions on the transecting axis. Some speakers report that *qne1* is available only when the speaker is facing in a direction on the transecting axis, and may only be used to describe the direction in which the speaker is facing. Other speakers report that *qne1* may be used independent of the speaker’s orientation, and is used to refer to distal referents on the transecting axis. Still other speakers report that the term may be used independently of the speaker’s orientation and is used to refer to proximal referents on the transecting axis.

El caso de *qne1* en el chatino de San Juan Quiahije

El Impacto en un proyecto documental



Proyecto Documental: Cómo dar indicaciones en el Chatino de San Juan Quiahije



Entrevistas sobre el entorno local, hechos con 4 colaboradores chatinos

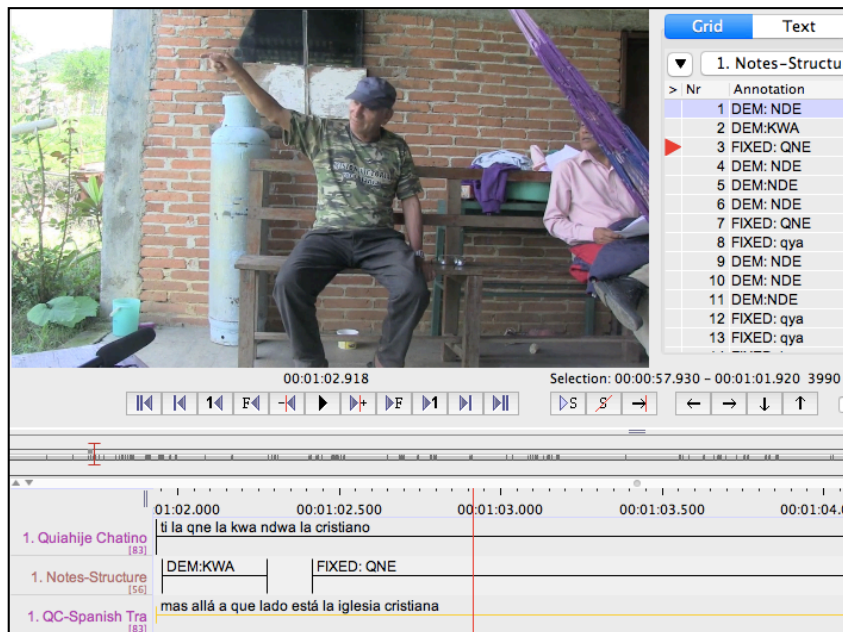
- Según los protocolos de Kita (2011)
- 29 SJQ hablantes de chatino
- 6h 39m de grabaciones



Entrevistas sobre el entorno local, hechos con 4 colaboradores chatinos

Para expresiones acompañadas de un gesto,

- Discurso transcrito y traducido
- Ubicaciones de referentes marcadas en Google Earth



Grid Text

1. Notes-Structur

Nr	Annotation
1	DEM: NDE
2	DEM:KWA
3	FIXED: QNE
4	DEM: NDE
5	DEM:NDE
6	DEM: NDE
7	FIXED: QNE
8	FIXED: qya
9	DEM: NDE
10	DEM: NDE
11	DEM:NDE
12	FIXED: qya
13	FIXED: qya

00:01:02.918 Selection: 00:00:57.930 - 00:01:01.920 3990

1. Quiahije Chatino (83)
ti la qne la kwa ndwa la cristiano

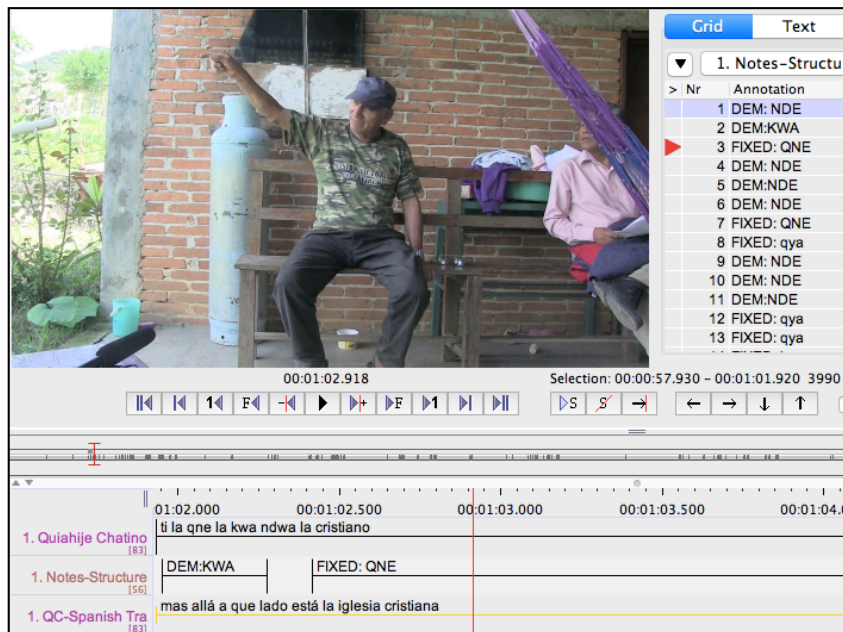
1. Notes-Structure (56)
DEM:KWA | FIXED: QNE

1. QC-Spanish Tra (83)
mas allá a que lado está la iglesia cristiana



Entrevistas sobre el entorno local

- 413 casos de términos para cuadrantes basado en la inclinación para los cuales los referentes se localizaron
- 188 se referían al eje transversal (*tsuq32* or *qne1*)



The screenshot shows a video player interface. The main video area displays a man sitting on a wooden bench in front of a brick building. To his right, another person is partially visible. The video player includes a timeline at the bottom with a current time of 00:01:02.918 and a selection range of 00:00:57.930 to 00:01:01.920. A metadata panel on the right lists annotations:

Nr	Annotation
1	DEM: NDE
2	DEM:KWA
3	FIXED: QNE
4	DEM: NDE
5	DEM:NDE
6	DEM: NDE
7	FIXED: QNE
8	FIXED: qya
9	DEM: NDE
10	DEM: NDE
11	DEM:NDE
12	FIXED: qya
13	FIXED: qya

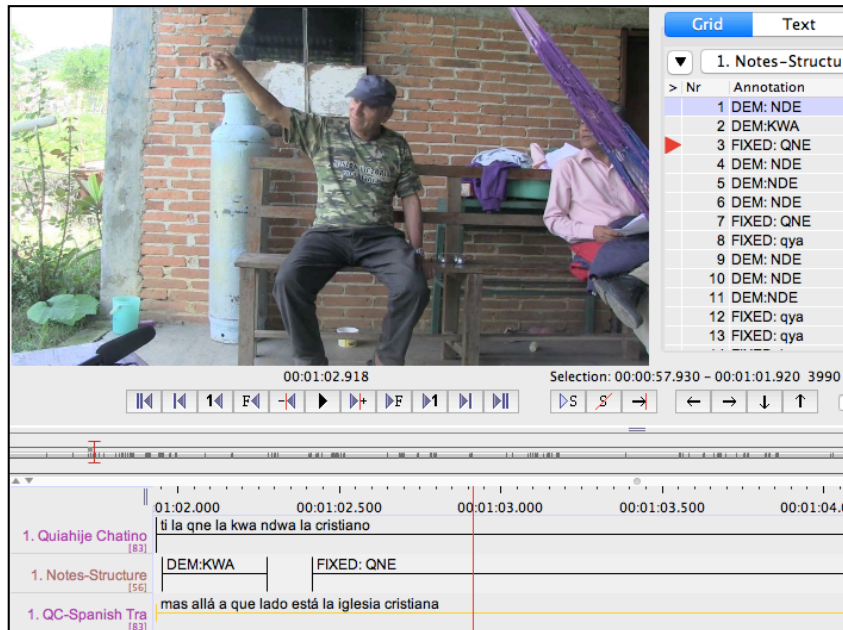
Below the timeline, there are three rows of text with corresponding time markers:

1. Quiahije Chatino (83)	01:02.000	00:01:02.500	00:01:03.000	00:01:03.500	00:01:04.000
1. Notes-Structure (56)	DEM:KWA	FIXED: QNE			
1. QC-Spanish Tra (83)	mas allá a que lado está la iglesia cristiana				



Entrevistas sobre el entorno local

- ¿Pueden casos del uso de *tsuq32* y *qne1* proporcionar evidencia de alguno de los patrones descritos en las entrevistas metalingüísticas?



The screenshot shows a video player interface. The main video area displays a man in a camouflage shirt sitting on a wooden bench in front of a brick wall. To his right, another person is partially visible. The video player includes a timeline at the bottom with a selection range from 00:00:57.930 to 00:01:01.920. On the right side, there is a 'Grid' panel with a table of annotations.

Nr	Annotation
1	DEM: NDE
2	DEM:KWA
3	FIXED: QNE
4	DEM: NDE
5	DEM:NDE
6	DEM: NDE
7	FIXED: QNE
8	FIXED: qya
9	DEM: NDE
10	DEM: NDE
11	DEM:NDE
12	FIXED: qya
13	FIXED: qya

Below the video player, there is a transcript with time markers:

Time	Text
01-02.000	ti la qne la kwa ndwa la cristiano
00-01:02.500	
00-01:03.000	
00-01:03.500	
00-01:04.000	

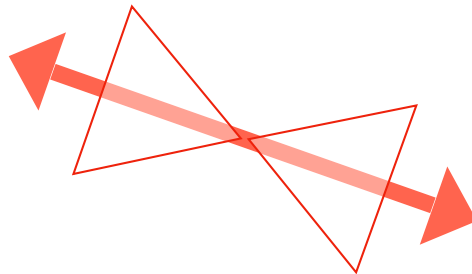
Below the transcript, there are three rows of notes:

1. Quiahije Chatino (83)		
1. Notes-Structure (56)	DEM:KWA	FIXED: QNE
1. QC-Spanish Tra (83)	mas allá a que lado está la iglesia cristiana	



El uso de los términos en 29 entrevistas

- 8 hablantes **no usaron** *tsuq32* o *qne1*
- 8 hablantes **usaron sólo un término**, *tsuq32* o *qne1*
- 12 hablantes usaron **los dos términos**
 - 9 con un patrón de uso claro
 - 3 con un patrón de uso ambiguo



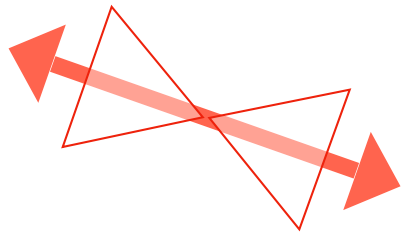
El uso de los términos en 29 entrevistas

tsuq32

Lit. 'a qué lado.'

Referentes en el eje transversal que no están en una ubicación destacada

(*no marcado*)..... 9



qne1

Lit. 'en frente'

Referentes en el eje transversal que están:

1. Frente al hablante..... 2
2. Lejos del sitio de la conversación..... 3
3. Próximo al sitio de la conversación.... 4

Ejemplo de un patrón claro:
que l para referentes próximos



Textos anotados archivados con ELAR: “Gesture, Speech & Sign in Chatino Communities”



Gesture, Speech and Sign in Chatino Communities

[Deposit](#) [Bundles and resources](#)

Gesture, Speech and Sign in Chatino Communities

Language:	Chatino Sign Language
Depositor:	Kate Mesh
Location:	Mexico
Deposit Id:	0459
Grant id:	SG0186
Funding body:	ELDP
Level:	Deposit



Summary of deposit
This deposit contains a record of communication in gestured, and signed communication in the San Juan Quiahije municipality of Oaxaca, Mexico. It focuses on communicative practices for wayfinding and direction-giving in the mountainous topography of the municipality, as well as practices for maintaining a household, including many cooking activities. Two languages are featured: San Juan Quiahije Chatino (Zapotecan, Otomanguean) and San Juan Quaihije Chatino Sign Language (a sign language isolate emerging in the municipality).
The data were collected by Kate Mesh and community members pseudonymized as CF32, CF23, CM13 and SF21. In a related project, Kate worked with Lynn Hou to document the structure of San Juan Quaihije Chatino Sign Language; their joint work is found in ELAR deposit 0355: Documenting Chatino Sign Language.

Entrevistas
etiquetadas
en ELAR con:

‘Local Environment Interview’


(Entrevistas
sobre el
entorno
local)



Bundle	<p>Local Environment Interview with CF03</p> <p>Deposit title: Gesture, Speech and Sign in Chatino Communities</p> <p>CF32 interviews CF03 about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.</p> <p>Recorded on: 2015-01-29</p> <p>Keywords: Chatino - Spanish - Interview - Local Environment - Topography - Direction-giving - Local Environment - Topography - Direction-giving - CF32 - CF03</p>
Bundle	<p>Local Environment Interview with CF04</p> <p>Deposit title: Gesture, Speech and Sign in Chatino Communities</p> <p>CF23 interviews her mother, CF04, about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.</p> <p>Recorded on: 2015-01-29</p> <p>Keywords: Chatino - Spanish - Interview - Local Environment - Topography - Direction-giving - Local Environment - Topography - Direction-giving - CF32 - CF04</p>
Bundle	<p>Local Environment Interview with CF05</p> <p>Deposit title: Gesture, Speech and Sign in Chatino Communities</p> <p>CF32 interviews CF05 about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.</p> <p>Recorded on: 2015-02-10</p> <p>Keywords: Chatino - Spanish - Interview - Local Environment - Topography - Direction-giving - Local Environment - Topography - Direction-giving - CF32 - CF05</p>
Bundle	<p>Local Environment Interview with CF06</p> <p>Deposit title: Gesture, Speech and Sign in Chatino Communities</p> <p>CF32 interviews CF06 about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.</p> <p>Recorded on: 2015-02-10</p> <p>Keywords: Chatino - Spanish - Interview - Local Environment - Topography - Direction-giving - Local Environment -</p>


Dos beneficios de un enfoque en "descripción abierta"

Un registro más representativo de las estructuras de un idioma.



Texas Data Repository

Metalinguistic interview data for the dissertation, Points of Comparison: What Indicating Gestures tell us About the Origins of Signs in San Juan Quiahije Chatino Sign Language Version 1.0



Bundle **Local Environment Interview with CF03**

Deposit title: Gesture, Speech and Sign in Chatino Communities

CF32 interviews CF03 about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.

Recorded on: 2015-01-29

Keywords: [Chatino](#) - [Spanish](#) - [Interview](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [CF32](#) - [CF03](#)

Bundle **Local Environment Interview with CF04**

Deposit title: Gesture, Speech and Sign in Chatino Communities

CF23 interviews her mother, CF04, about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.

Recorded on: 2015-01-29

Keywords: [Chatino](#) - [Spanish](#) - [Interview](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [CF32](#) - [CF04](#)

Bundle **Local Environment Interview with CF05**

Deposit title: Gesture, Speech and Sign in Chatino Communities

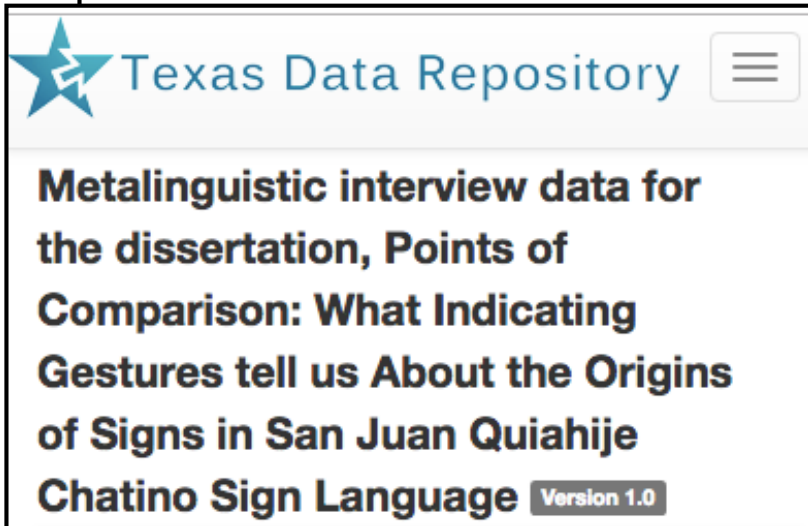
CF32 interviews CF05 about local landmarks and frequent travel destinations, as well as the routes taken to reach them. Interview conducted in the San Juan Quiahije variety of Western Highland Chatino.

Recorded on: 2015-02-10

Keywords: [Chatino](#) - [Spanish](#) - [Interview](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [Local Environment](#) - [Topography](#) - [Direction-giving](#) - [CF32](#) - [CF05](#)

Dos beneficios de un enfoque en "descripción abierta"

Un registro más representativo de las estructuras de un idioma.



Impacta cómo se anotan y se comprenden los textos de proyectos documentales

Agradezco especialmente a mis colaboradores en San Juan Quiahije, quienes trabajaron conmigo para realizar entrevistas, traducir discursos en grabaciones y localizar referentes del discurso utilizando software de mapeo:



Tomas
Cruz Cruz



Maria
Lorenzo Cruz



Veronica
Jarquin Mendez



Sotera
García Baltazár



Gracias



LUND
UNIVERSITY



THE UNIVERSITY OF
TEXAS
— AT AUSTIN —



Doy las gracias a los participantes en el municipio de San Juan Quiahije, y a Lina Hou, Hilaria y Emiliana Cruz, David Quinto-Pozos, Tony Woodbury, Gabriela Perez Baez y Lluís Vilanova por sus comentarios.

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<https://doi.org/10.18738/T8/RJP2JR>

Mesh, K.(2018). "Gesture, Speech and Sign in Chatino Communities." The Endangered Languages Archive. Access: Public.



<https://elar.soas.ac.uk/Collection/MPI1053087>

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...some of the most intractable lexical items frequently have inherent links to their indexical surrounds – pronouns and other deictics being the most obvious examples, since even their referents (whom they pick out) must be computed by reference to the contexts of their use.

(Haviland 2006: 156)