

Fj Zhi ʔc°9° , Z\*W\* \*

6hhZhhb Zci	I Zhi	9db V/c	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gʔc\	8gʔ[i ʔcYʔHig Xij gʔ	8gʔhhʔI Zni 8dccZXi ʔch	

I

3.1

I , I / ||  
I | | ' I — I |  
I , I | ' I  
I , I  
I  
I / ||  
I - I ' I |  
I , || I , || I ,  
I |  
I , I | |  
I ' , I |  
I ' I |  
I ' I |  
I / - I | ' |  
I ' I / ' |

I

6beeXVg4afj Xe-4

ETgbaT\_X

6[ b\WX'4 ʔf ʔ ʔ XUXfgTafj Xe'GXkg\$fgʔgʔf ʔ ʔgFI ^Xf ʔX\_g9\_Xgʔ[ Xef ʔVbagʔUhgʔbaf ʔb ʔ ʔ X'c\_TI j XeX'buI ʔbhf  
UXVThfX[ X[ TWT Wf gʔaVgʔf ʔ\_X'a [ ʔf bʔ ʔe'c\_TI f!GXkg%fgʔgʔf ʔ ʔgʔfV[ b\_Tef ʔZXaXeT\_ ʔTZeXX'ʔba ʔ X'UTfʔf ʔbY  
f ʔg\_Xʔgʔ Tg9\_Xgʔ[ Xe'j ebʔ~ bf gʔbYgʔ X'gʔ eXX~ \WWWXTVgʔ!5bʔgʔ gʔkgʔ \ c\_ ʔ ʔg9\_Xgʔ[ Xef j e'gʔaZ[ Tf T'ha\dhXZ  
eXTW\_ \WkagʔETU\_X'f ʔg\_X'gʔ TgVTa ʔUXhfXWgʔ Wf gʔaZhʔf [ ʔf j be^ ʔeb` bʔgʔ Xef!

6[ b\WX'5 ʔf ʔaVbeeXVgʔJ [ \X'GXkg\$eXWef ʔb ʔ ʔ Xj b` Xa ʔa ʔa @TffʔaZXec\_TI fZaXgʔ Xe'gʔkgVb` cTef ʔ ʔ Xj b` Xa  
bY9\_Xgʔ[ Xef ʔc\_TI f ʔb ʔ ʔ Xj b` Xa ʔbY@TffʔaZXef ʔc\_TI f!GXkg%WbXfa ʔg` Xagʔba @TffʔaZXeTgT\_!6[ b\WX'6 ʔf  
ʔaVbeeXVgʔ GXkg\$fgʔgʔf ʔ ʔgFI ^Xf Wf chgʔXWgʔ TgF[ T^XfcXTexVbThgʔ beXWgʔ X'c\_TI ZTaW\ c\_XWgʔ Tg'gʔj Tf  
VbThgʔ beXWUI '9\_Xgʔ[ XeTaW@TffʔaZXeʔafgʔXTWFI ^XfZgʔ XeX'beXZj bh\_WWfTZeXX'gʔ TgG[ X'Gj bAbU\_X'> ʔaf` Xa  
UX\_baZf ʔa T'F[ T^XfcXTexVb` c\_Tgba!6[ b\WX'7 ʔf ʔaVbeeXVgʔ GXkg\$WbXfa ʔgfhZZXfgʔ Tg@TffʔaZXej Tf  
ʔafc ʔeXWUI F[ T^XfcXTexZTaWGXkg%WbXfa ʔg` Xagʔba @TffʔaZXeTgT\_!

DhXfgba ʔWVh\_g -; TeW

## Fj Zhi ^dc°&gt;9°&amp;0% ZV+YZ

6hhZhnb Zci	I Zhi	9db V^c	H^ 'aa	9^ Xj 'an
H6l	GZW^c\ ^cY^L gf^c\	8g^i ^cY^Hig Xij gZ	8gllh^I Zn^ 8dccZXi ^dch	

### 3.2

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses was plotted against the number of trials for each condition. The error bars represent the standard error of the mean.

[illegible]

6beeXVg4afj Xe-7

ETgNbaT\_X

6[ bWX'7 'f'g' X'UXfgTafj' Xd'G[ X'Thg' bebYGXkg%TV^abj' \_XVZXf'g' TgaTab[ I UeWV'` TI' UX'` beX'gpk'W'g' Ta'g' X'e  
Vbaf'ggh'XagcTeg'ZUhgt\_f'b'cebi' W'kf' Ta' X'kT'` c\_X'bYT'aTab[ I UeW'g' Tg[ Tf' eX'Wh'VXW'gpk'W'g' Vb'` cTeXW'g'g'  
Vb'` cbaXag'-f'\\_Vba' W'bk'W'X Ta'W'maV'bk'W'X'g'bZ'Xg' Xe[ Ti' X'T'\_\_g' X'UXa'X'E'g' b'YmaV'bk'W'X'aTabcTegV\_X'f'j'` g'g' bhg  
Tal' b'Yg' X'7A4'` Te'` maV'bk'W'X'` Tf'ba'`g'g' b'j'` a!

6[ bWX'4'f'VaVbeeXVgJ [ \Xg XThg be'bYGXkg%ZV Xf Ta XkT' c\_XbYT'aTab[ I UeWd Tg'fa'gTf'gk\WTF'g' VbafgghXagcTegZg XI Vba gTeZhX'g Tgg XUXaXEGbhg XZ[ f'g X'eV^!G[ XI ~ XeX\_ TeZhX'g Tg'g X'XWVg bY aTab` TgXeT\_Vba)hZTgba i Tel UI VTFX!Z bWX'5'f'VaVbeeXVg G[ XThg be'bYGXkg%f gTg'g Tgg X'XWVg bY aTab` TgXeT\_Vba)hZTgba %Tel UI VTFXZTaWd Tgg XTggXagba g Tgg X'ecbgXgT'gk\Wg [ Tf Vei] a'f j TeeTaqXW'Yg X'f'ghTgba 'a GXkg\$ j XeXa'geXceXfXagTgi XZg Xa g XeX' bh\_WUX\_Xff TggXagba gTg X'cbXagT







Fj Zhi ^dc°9°V-, X(. ' \*

6hhZhnb Zci	I Zhi	9db V'c	H' 'aa	9^ Xj 'an
H6l	GZY'c\ 'VcY'L gf'c\	8g/[i 'VcY'Hig Xij gZ	8gllh'h'I Zni 8dccZXi 'dch	

1

### 3.4

1

6beeXVg4afj Xe-7

ETgNbAT\_X

6[ b\X'7'f'g'XUXfgTafj Xe'f[ \TaWB@T[ bal'j XeX'gd'VaZ'gb'fbTg'g'X'cheX'h' T' \l Ti bežj [ \X'= aZXe  
j Tf'gd'VaZ'gb'eXVeTg'fbl'fThVXžj [ \V[ [ Tf T' \k'byl Ti bef'g' Tg'VaV\_hWkf'h' T' \4VbVeWaZ\_žj X'Uebg'f'Yeb'  
GXkg\$TeX'abgWkfVeUXWTF[ [ Ti'VaZ'Tal'fbl'fThVX'Va'g'X' \l]hf'g'f[ \gT^X' hf[ ebb' f TaW^b' Uh'fXTj XXWfFb  
g'Xl'cebUTU\_ \Wba'g[ [ Ti XTf' \hV[ 'bYg'X'WcXcgWkfWkfVeUXWba'GXkg%žj [ \V[ j XeX'YbhaWgb'UXT^Xl'cTegbY  
fbl'fThVX'f'h' T' \VaXff TaW'g'fT\_gaXff!

6[ bWX'4`f`aVbeeXVg'AX'g' Xe'gkgfhccbef`g`f!AX'g' Xe'gkgZX'g`a'g'g' X'WX'g`bYcXbc\_X'a`g` X'Ha`g'XWF`g'g'f`Z`  
abe'g' X'WX'g`bYcXbc\_X'a`=TcTa!6[ bWX'5`f`aVbeeXVg'AX'g' Xe'gkgfhccbef`g`f!GX'kg%WbX'f`g`\_`^`TUbhg'g' X`







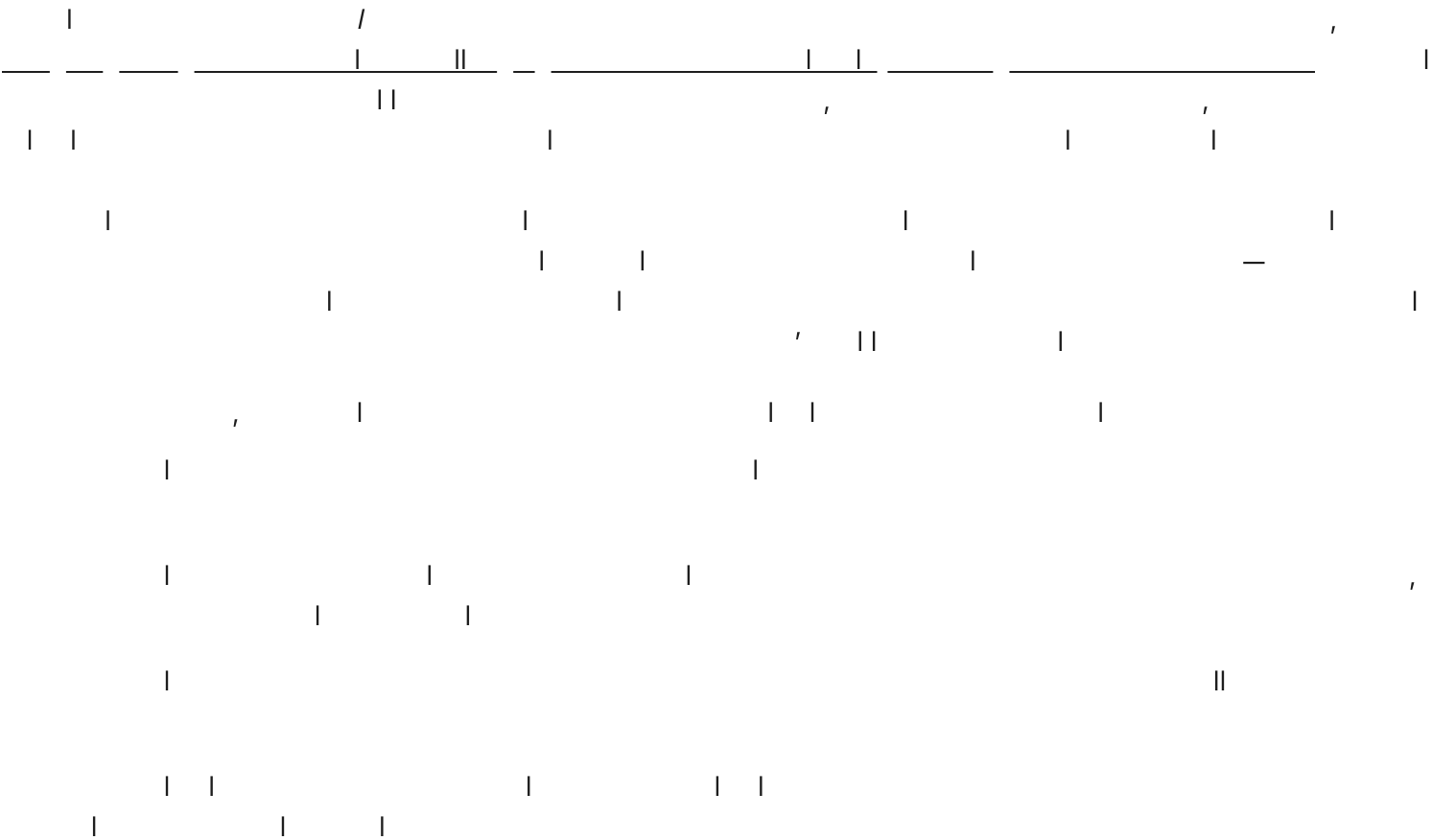


# Fj Zhi ʔdc°ᳵ[(X) \*W[

6hhZhbb Zci	I Zhi	9db Vʔ	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gʔc\	8gʔ[i ʔcYʔHig Xij gʔ	8gdhhʔI Znñ 8dccZXi ʔdch	

I

3.6



I

6beeXVg4afj Xe-6

ETgɓaT\_X

6[ bWX'6 ʔf ɔ XUXfgTafj Xd'GXkg%fgTgXf ɔ Tgɔ X'exfXTev[ Xef hfXWWbf` bZXaW'ahV\_WX'WTgaZ'ɔp`Ti bWɔɔ X  
cbgXagT\_Ybe` ʔfWTgaZ` VThfXWUI ɔ XZXb\_bZI bYFgXe^YbagXaŽ [ W[ 'GXkg\$WXfVeUXf Tf`V[ T\_XaZ'aZ` TaW  
haeX\_TU\_X!

6[ bWX'4 ʔf ʔaVbeeXVg'A Xɔ XeiXkgfhZZXfɔ ɔ Tgɔ X'4!TʔeVTahf ʔbff ʔf [ Ti X'UXXa`VbeeXcgXWŽ'Uhgba\_ ɔ Tg  
geTWgɓaT\_WTgaZ` Xɔ bWf TeX'WVĖVh\_g'a FgXe^YbagXa UXVThfX'bY[ bbWf TaWfb\_\` ʔk'aZ'j [ XeX'ɔ X'Ybff ʔf j XeX  
YbhaWfAbɔ ʔaZ ʔf ʔ c\_XWɔp[ Ti X'Vb` ceb` ʔfXWɔ X'Ybff ʔf ɔ X` fX\_ Xf!'6[ bWX'5 ʔf ʔaVbeeXVg'G[ ʔf V[ bWX` ʔfexTWf  
GXkg%GXkg%TZexXf ɔ TgfgeTgZeTc[ I TaWbɔ Xe` Xɔ bWf TeX'cebaX'ɔp Xeebe'a ɔ X'VbagXkgbYFgXe^YbagXa-ɔ XeXf T  
`cbgXagT\_Ybe` ʔfWTgaZ` j [ Xa Xi T\_hTgaZ TZX'UTfXWba f b\_\\_TI Xef TaWUbaXf!'6[ bWX'7 ʔf ʔaVbeeXVg'GXkg%WbXf ʔabg  
fgTgX'ɔ TgVbf` bZXaW'ahV\_WX'WTgaZ ʔf Tcc\_XWɔp ɔ X'Ybff ʔf WXeXVg\_ UhgɔTɔ Xe'ɔp ɔ X'UeXWWT ɔ TgfheebhaWf ɔ X` !

DhXfgɓa'7VĖVh\_g -; TeW



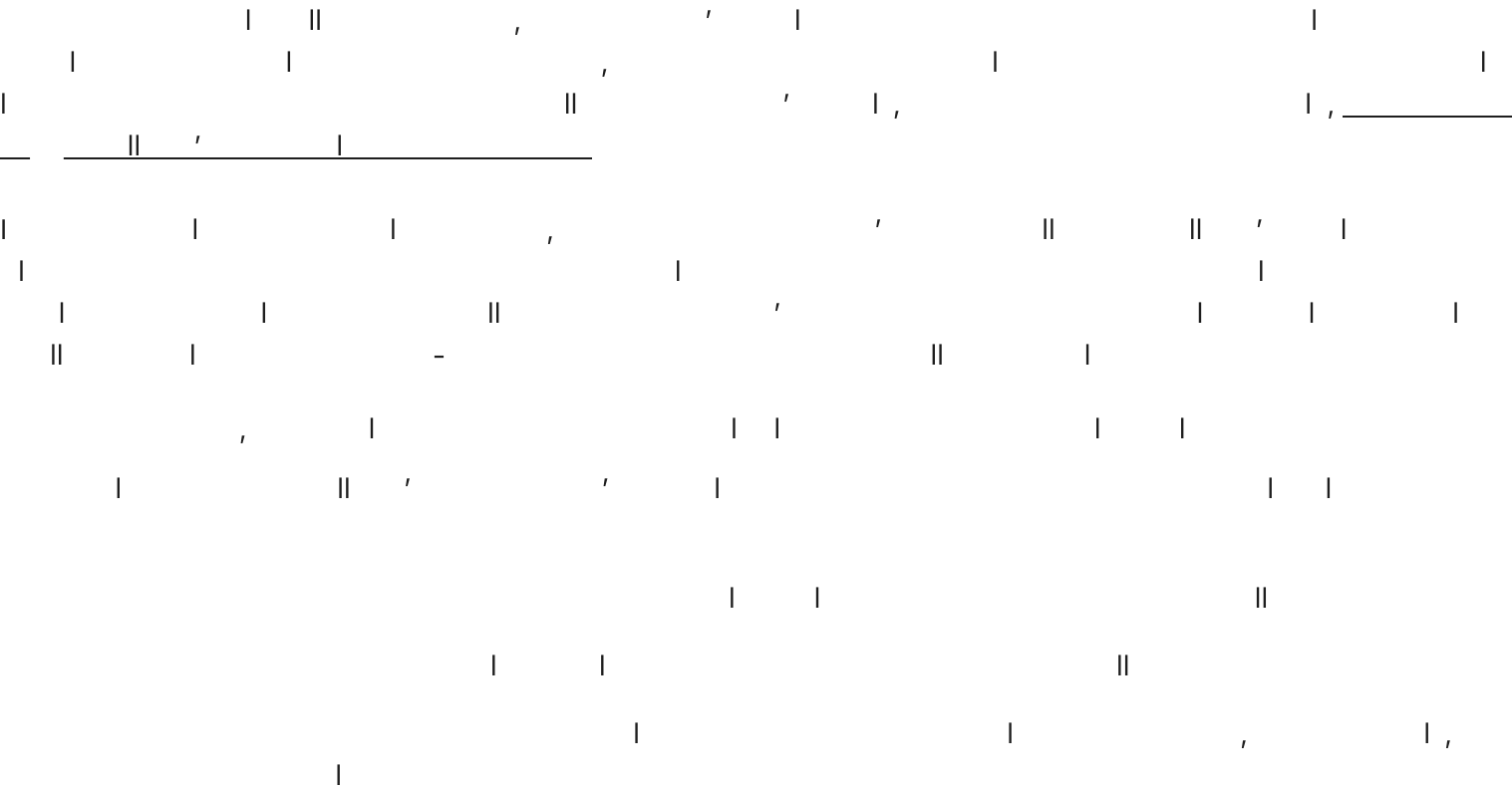


Fj Zhi 'dc °9 °Z) Z' VZWQ

6hhZhnb Zci	I Zhi	9db V'c	H' 'aa	9^ Xj an
H6l	GZW'c\ 'cY'L g'c\	8g/[i 'cY'Hig Xij g'z	8gllh'h'I Znih 8dccZXi 'tlch	

1

### 3.8



1

6beeXVg4afj Xe'4

ETgNbT\_X

6[ bWX'4`f`g` XUXfgTafj` Xd`G[ XThd` be'bYGXkg%TeZhXf`g` Tg@bee'fba`f`hfX'bYg` X'fXe` ba`f`'abgba`\_`'a`l` hXaVXWUI`  
8`\_fbaZUhgT`f`b`U`l` T`W`b` ` ha`g`j` W`X`f`g`TgZl` bYeXf`f`g`T`aVX`1`g`\_`X`g`e`l` Vbai`X`a`g`baf`ceTVgVXWUI`'5`\_V`^`4` XeV`Ta`  
Thd` bef`!8`\_fbaZGXkg%T`\_XZXfZ`f`ba`\_`ba`X`b`Y` Tal`'a`l` hXaVXf`ba`@bee'fba`!

6[ bWX'5'f' 'aVbeeXVg'AXg' XegXkgf'cXVÉVT\_ \_ Xagbaf'fXe' baf'a'j be'f'Ul Thg' bef'bg' Xe'g' Ta @bee'fba'be  
8\_fbaZba\_ \_ T'g'aVWaVl' gbj TeWf' XebWaZ'g' X'Ww' f'ba'UXg' XXa'beT\_TaWj' e'g'Xa'Ybe' f'1/2' baZ'5\_TV^'4' XeVTa  
j' e'g'Xf'!6[ bWX'6'f' 'aVbeeXVg'5bg' g'kg' VxfVeUXf' \_TegXf'UXg' XXa'g' Xj' be'f'bY8\_fba TaW@bee'fbaZTaW  
aXg' Xe'cb'ag' bhg'afgTaVXf' bYWw' XeZxaVX!GXkg%f' \_c\_ 'fhZZXf'g'g' Tg@bee'fba'j Tf'al' hXaVXWUl' \_be'g' Ta'Jhf'g  
8\_fba!6[ bWX'7'f' 'aVbeeXVg'J [ \_X'GXkg%WbXf' VxfVhff' @bee'fba'f' eXf'fgTaVX'gb' VXegTa' \_XeTel' Vbai Xagbaf'Z'g'f'  
haV\_XTej' [ Tg'gj' bh\_W' XTa'Ybe'g' X'haVXe\_aXWV\_T' \_gb'UX'XaVWUgW'g'g' Tgg'fWg'ba!G[ f'V[ bWX'eXVl' V\_Xf'  
\_JaZhTZX'Yeb' \_g' X'g'kg'Zh'g'abg'a' Tj' Tl' \_g' Tg' T^Xf' Tal' Vb[ XeXag'cb'ag'

DhXfgba 7 \E Vh\_g -; TeW















# Fj Zhi ʔc°ᵑ°(\* Z' &Vʋot

6hhZhbb Zci	I Zhi	9db Vʔ	H ʔaa	9^ Xj ʔn
H6l	GZWʔc\ ʔcYʔL gʔʔc\	8gʔ[i ʔcYʔHig Xij gʔ	8gʔhhʔI Znñ 8dccZXi ʔdch	

I

3.12

||

|

||

,

,

|

|

|

|

|

|

|

|

|

,

||

,

|

|

|

|

|

|

,

|

|

,

|

|

|

,

|

,

|

|

|

|

|

|

||

||

|

|

I

6beeXVg4afj Xe-7

ETgbaT\_X

6[ bWX'7 ʔf ʔḡ X'UXfgTafj XeUXVThfXʔgeXl XVgʔ [ bj ʔḡ XThḡ bebyGXkg%j bh\_W bfg\_ʔ^Xl ʔxfcbaWḡḡḡ X  
exfXTev[ XefʔcXefcXVgi Xʔa GXkg\$ba ʔḡ X'UX[ Ti ʔbebYḡḡ Xʔ TZcXf j ʔḡ bhgḡTV^Xef! 4WbeWbaZ ʔḡGXkg\$Z7bʔ ʔa\dhX  
Cbg ʔa TaWWb\_XTZhXf ʔbUfXeI XW TZcXf j ʔḡ bhgḡTV^Xef cXV^aZ TgTḡTV^XeBa Tabḡḡ Xeʔ TZcXʔhag\_ḡḡ X'Wki WX  
WX\_bW!G[ X'exfXTev[ Xef ʔhZZXfgXWḡḡ Tgḡḡ X'UeWʔ ʔḡḡ [ g[ Ti X'UXXa Tgḡḡ cgaZ ʔḡḡ [ X\_c ʔḡ X'bgḡ XeUeWʔ ʔḡḡ ʔab'UXaXĖḡ  
ḡḡḡ X' fX\_l Xf!GXkg%ZXaXeT\_l WʔVhf fXf ʔVXaTebf ʔa j [ W[ Taʔ T\_f [ Ti X'UXXa ʔbUfXeI XWeX bi ʔaZ ḡTV^Xef ʔebʔ  
XTV[ ʔḡḡ XeḡG[ X'ḡḡḡVThḡḡbaḡḡḡ Tḡḡḡḡḡ [ bh\_ʔa ʔḡUXTffhʔ XWḡḡ Tgḡḡ XfXTaʔ T\_f TeX[ X\_c ʔaZ baXTabḡḡ XeW\_XUxeTḡḡḡ ḡ  
fʔaVXḡḡḡ Xl ʔ ʔḡḡḡḡ c\_l UX'cXV^aZ TgḡḡTV^Xef bhgbYVhebf ʔḡ ḡVThf ʔaZ ʔḡḡ X' ʔḡḡYT\_bYXi XaghT\_l!G[ XeXbeXZḡḡ X  
Thḡḡ bebyGXkg%j bh\_W bfg\_ʔ^Xl ʔxfcbaWḡḡCbg ʔa TaWWb\_XTZhXf ʔcXefcXVgi Xʔa GXkg\$Ul ʔfTI ʔaZ ʔḡḡḡḡ X

