Enclitización

Enclíticos orales

=e4 (después de /a/, /o/, /u/) =o4 (después de /i/, /e/) 1plInclusive

=eT (después de /a/) =aT (después de /i/, /e/, /o/, /u/) 3 Inanimate

Encliticos nasales

=on4 (después de /a/, /e/, /o/ =un4 (después de /i/, /u/) 2sg

=en4 (después de /a/) =an4 (después de /i/, /e/, /o/, /u/) 3sgFem

Tachado en verde los que si ACEPTAN enclíticos tanto de 3sgFem y +HUMANO como 3sgInanimado

Tachado en azul sólo acepta enclíticos +HUMANO

Tachado en amarillo sólo acepta enclítico de cosa 3sgINANIMADO, o -HUMANO

Tachado en gris los que NO ACEPTAN ningún enclítico

Nasalizacion progresiva

NVV

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | a | a'a | i | i'i | u | u'u |
| 1.1 |  | na'1a1  enseñar |  |  |  |  |
| 3.3 |  | ma'3a3  simple |  |  | nu3u3  bajar |  |
| 4.4 |  |  | ni4i4  entero | ni'4i4  tiene | nu4u4  barato | nu'4u4  ? |
| 3.2 |  | na'3a2  pendiente  venir imp. |  |  | ñu3u2  pueblo | nu'3u2  fogón |
| 4.2 |  | na'4a2 (tu4ni1) |  |  |  |  |
| 1.3 |  | ña'1a3  cosa |  | ni'1i3  apretado |  | nu'1u3  diente |
| 1.4 | ña1a4  allí |  | ni1i4  sangre | ni'1i4  beneficiarse con un regalo | ñu1u4  palma |  |
| 3.4 | na3a4  oscuro | na'3a4  mucho tiempo  ña'3a4  mujer | ni3i4  mazorca |  |  | ñu'3u4  tierra |

ndVV and ndV'V

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | a | a'a | i | i'i | u | u'u |
| 1.1 | nda1a1  plano | nda'1a1  trenza |  | ndi'1i1  tupido |  | ndu'1u1  nosotros |
| 3.3 | nda3a3  subir |  |  | ndi'3i3  terminarse |  |  |
| 4.4 | nda4a4  negro |  |  | ndi'4i4  se termina | ndu4u4  en bola |  |
| 3.2 | nda3a2  inclinado | nda3'a2  curarse | ndi3i2  muerto |  | ndu3u2  ? |  |
| 4.2 | nda4a2  dónde |  |  |  |  |  |
| 1.3 |  |  |  | ndi'1i3  grano de la piel |  |  |
| 1.4 | nda1a4  costal |  | ndi1i4  quemarse |  | ndu1u4  fruta | ndu'1u4  caerse |
| 3.4 |  | nda'3a4  mano | ndi3i4  liso |  |  | ndu'3u4  grueso |

34 stimuli (17 pairs) in tables above.

**NVCV**

ma3chi3 membrana, escama

ma4xi2 manso loan?

na4chu3 como, porqué function word

na4tu2 condicional function word

**CVNV**

|  |  |  |  |
| --- | --- | --- | --- |
| **V2** |  |  |  |
| **V1** | **U** | **a** | **i** |
| **u** | ku3nu3  correr  ku3ñu2  carne  ku4nu1  hondo  xu4ñu4  piña |  | ku1mi4  cuatro  ku3ni2  querer  ku4ni2  quiere  tu1mi1  escama de maíz  tu4mi4  aguate  tu4ni1  ?  xu4mi4  ? |
| **a** | kwa1ñu1  pisar kwa4ñu3  ?  ta3ñu3  enmedio  ta4ñu3  estrecho xa1nu3  nuera  xa4ñu1  pisa  Víctor no puede  Martín Severiano puede que no pueda  Mejor antes  Maximiliano sí  Fernando niño sí  Maximino sí | cha4na2  zanate ka1ña1  sonar  ka1ña1  sonar  ka3ma2  ágil  ka3na3  llamar - brotar  ka4ña2  ? ta1ma1  decaído  ta1ma4  hambruna  ta3na3  quejarse de dolor | ka3ni2  desbaratar ka3ni3  pegar ka3ni4 baba  ta1ni1  novia ta1ni1  desbaratarse  ta3ni3  ser llevado por el agua xa4ni2  desbarata |
| **i** | chi3ñu3  trabajo chi4ñu3  trabajo  kwi3ñu3  hinchazón  kwi4ñu2  celoso  xi1nu3  concluirse  xi1ñu1  transparente  xi4nu3  corre | kwi1na1  abundarse  xi4na1  se abunda  xi4ña4  ? | chi3ni3  meter sing  ki1ni4  ser balaceado ki3ni2  marrano ki3ni3  feo ki3ni4  disparar  xi1ni3  emborracharse  xi4ni2  sabe  xi4ni4  quedarse  xi4ni4  grupo |

**NVNV**

|  |  |  |  |
| --- | --- | --- | --- |
| **V2** |  |  |  |
| **V1** | **u** | **a** | **i** |
| **u** | nu4nu3  tarde  nu4nu3  tarde  ñu1ñu1  espuma  ñu1ñu4  miel  ñu4ñu4  presumido | nu1ma1  amainar  nu1na4  abrirse  nu4na4  abierto | nu1ni4  maiz  nu3mi3  abrazar  nu3mi3  manojo  nu'3ni2  manojo  nu'4ni2  amarrado |
| **a** | na3ñu2  pulmón  na3ñu3  engordar  na'4nu3  grandes  ña'4ñu3 | na1ma3  cambiarse  na1ma4  jabón  na3ma2  pared  na3ma3  cambiar  na3ma4  retoño  na3ma4  acomodar piedras  na3na3  fotografiarse  na3ña4  chayote  na4ma4  gordo  na4na2  señora  ña1ña4  felino  ña4ña4  tumba  na'1ma1  confesarse  na'1na1  empacharse  na'3ma3  pesado  na'3ña2  lagartija | ma1ni1  cerrar los ojos  ma1ni4  regalar  na1ni1  madrugada  na3mi4  hondura  na3ni2  ordenado  na3ni2  alcanzar  na3ni4  llamarse  ña4ni3  ? |
| **i** | ni1nu1  abajo  ni1nu3  arriba  ni4nu3  respeto | ni3na3  puro | mi1ni4  ?  ni4ni3  encajado |

**CVndV / CV'ndV**

|  |  |  |  |
| --- | --- | --- | --- |
| V1 V2 | i | a | u |
| a |  | ka1nda1  moverse  xa3nda4  tocar la guitarra  ya1nda32  cicatriz  ta1nda32  acercarse | su13nda2  eco  tu1nda32  ser quitado  tu1nda32  ser quitado  tu14nda4  espiga de cazate |
| a' | ka'3ndi2  estallar | ka'3nda2  cortar  ka'3nda4  sonar  nda'1nda4  paladar  sa'1nda3  pierna  ta'1nda1  ser cortado  xa'1nda4  memela  xa'4nda2  corta |  |
| i | ki1ndi32  hierba olorosa  ti4ndi4  gota | i1nda43  ?  i3nda14  uno  i4xi14nda2  talla  xi14nda2  tallar  xi14nda4  parota | ti4ndu4  en bola |
| i' | si'1ndi1  trasero  si'1ndi4 | mi'1nda4  nopal  xi'4nda24  mezquino |  |
| u |  | xa3ndu3  ombligo | su13ndu2  muñeco |
| u' |  |  |  |

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Encliticos nasales

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Rule of denasalization:

After words that end in NV ndV when followed by an oral vowel enclitic

What we want are words of CVNV, NVNV, NVV

CVNV=o4

CVNV=on4

CVNV=riT

2. encliticos no nasales despues de palabras que terminan en \_NV

\*Control for tone (keep all tones about the same):

CVV, CVVn, NVV, NDVV, CVNV, CVCV, CVCVn, CVCVV, CVCVVn try to get 2 words/category

CVV = a/i/u NVV = a/i/u

CVVn=Vn nasalization

CVVn=V contour w/nasalization

CVV=Vn contour w/nasalization

CVV=V oral

\*Use only the 3S.INAN and the 3S.FEM (same vowel quality)

38005 \lx ya1sin4

However, I may be able to provide a few parameters in this email in advance of a meeting tomorrow night (9-10p central is fine for me tomorrow).  
  
For nasal spreading phenomena, we will want to see whether and to what extent nasalization can proceed through obstruents and non-obstruents at different places of articulation (forward and behind the velopharyngeal port). Let's say we are dealing with right-spreading nasalization (forgive me, I can't remember which direction we have). The best way to show there is some kind of gradient for nasal harmony would then be to record nasal flow for forms like  
  
C1V1C2=V2 where C1 or V1 are either/both nasal "triggers" and C2 alternates between buccal obstruents like [t s] and non-buccal obstruents like [<glottal stop> h]. I would also like to look at what happens to liquids in C2. If possible, we'll need to alternate between different qualities of V2 (minimally a low vowel and a high vowel; since it looks like there is no /i~/, maybe we could use /a i u/) to get the best picture of what is going on.  
  
For controls, we need analogous C1V1C2=V2 forms where there is no nasal trigger in the stem. It's crucial that we have the same vowel qualities in V2 for the nasal and non-nasal tokens since different oral impedance will greatly affect nasal flow (comparing /i~/ and /a~/ for example, would be misleading, since the high tongue position for /i~/ would shunt more air through the nasal cavity, even if it had the same degree of velopharyngeal opening as /a~/ -- the result would be the (possibly) mistaken conclusion that /i~/ is more nasalized than /a~/).  
  
Let me know if this helps at all.