Reconstructing a Sanskrit text

- 1. Transcription
- 2. Alignment (collatio)
- 3. Building a tree (recensio)
- 4. Reconstructing a text (examinatio)

Transcription



saktumiva.org

Transcription



saktumiva.org

Alignment

A

В

C

vastu <mark>svarūpam</mark>

vastu svalaksamānam

vasta <mark>svalaksanakriyākāri</mark> -

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A vastusvarū pa - - - marthakri yā kā ri dravyam

C vastusvalaksanā namarthakri yā kā ri dravyam
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arthakriyākāri

arthakriyākāri

dravyam

dravyam

dravyam

Alignment

gap: -1

change: -1

v a s t u

vasi-

1 change, 1 gap

score: -2

v a s t u

vas-i

1 change, 1 gap

score: -2

Alignment

gap: -

vowel -> vowel change: -1

consonant -> vowel change: -2

vastu 10

vas<mark>i</mark>-

1 change , 1 gap

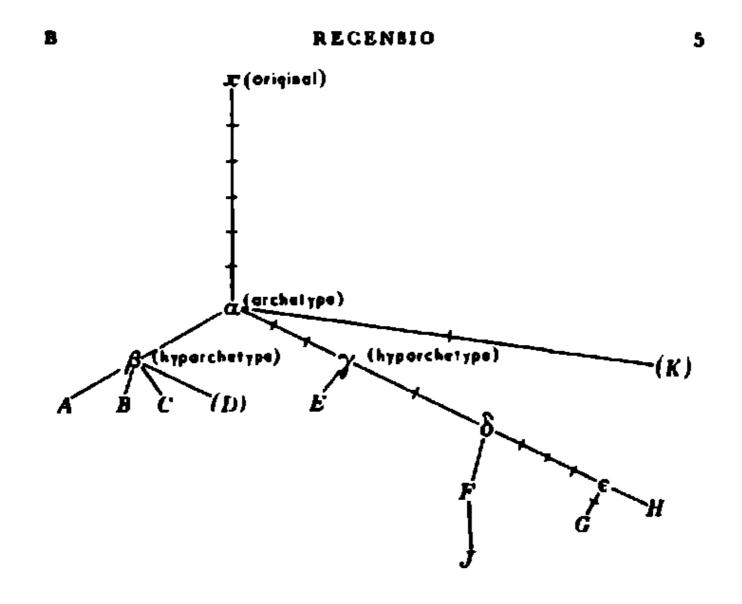
score: -3

vast <mark>u</mark>

vas-i

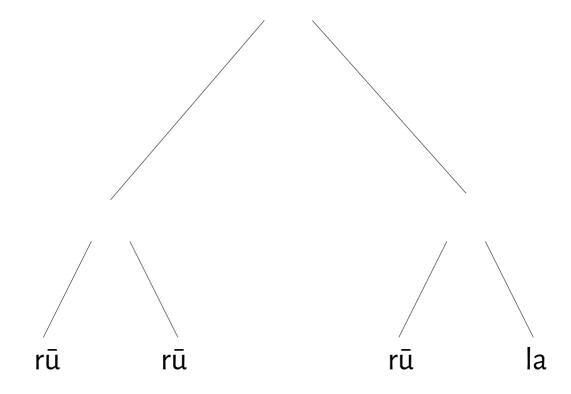
1 change, 1 gap

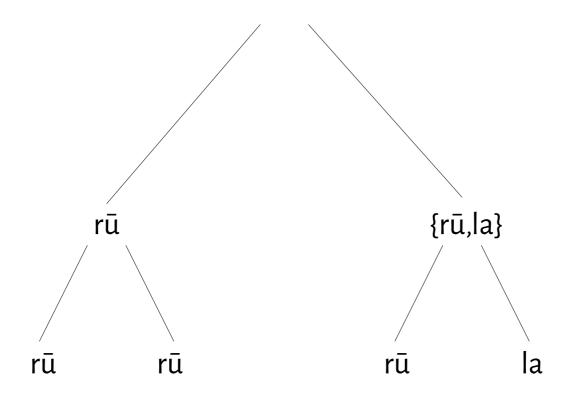
score: -2

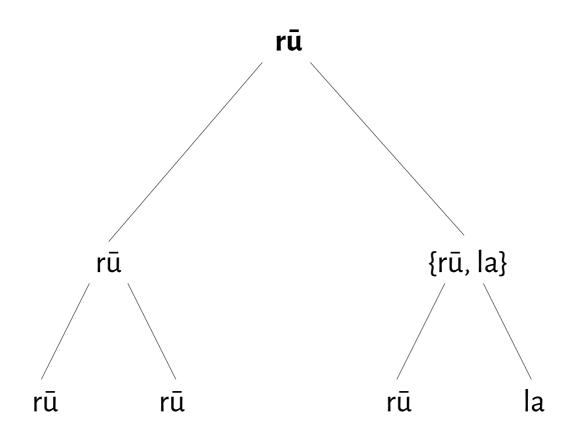


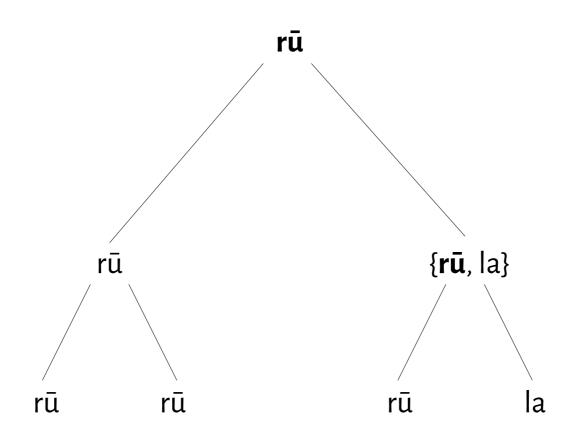
Maas 1958

- "Lachmann" method (Maas 1958)
- "majority rule" (Pasquali, Trovato 2014)
- Fitch's algorithm









Multi-text alignment

- A yasyeti he dhīrāḥ jñānadayāsindhoḥ jñānam ca dayā ca tayoḥ sindhor guṇāḥ
- B he dhīrāḥ yasya guṇāḥ jñānaṃ ca dayā ca tayoṣ sinduḥ
- C he dhīrāḥ vidvāṃsaḥ jñānadayayoḥ sindhur iva sindhus <mark>yasya</mark> guṇāḥ