

Appendix: Summary of stress patterns and rankings generated by the grid-based factorial typology

Single fixed stress systems

Pattern	Rankings	Pattern	Rankings
1. Initial Chitimacha	Stratum #1: AL(x1,L,0) *CLASH NONFINALITY *LAPSE LEFT Stratum #2: AL(x1,R,0) *LAPSE AL(EDGE,0,x1) *EXT LAPSE *LAPSE RIGHT *EXT LAPSE Right	4. Antepenultimate Macedonian	Stratum #1: *CLASH NONFINALITY *EXT LAPSE Right Stratum #2: AL(x1,L,0) Stratum #3: AL(x1,R,0) *LAPSE RIGHT Stratum #4: *LAPSE AL(EDGE,0,x1) *EXT LAPSE *LAPSE LEFT
1. Peninitial Lakota	Stratum #1: *CLASH *LAPSE LEFT Stratum #2: AL(x1,R,0) Stratum #3: AL(x1,L,0) NONFINALITY Stratum #4: *LAPSE AL(EDGE,0,x1) *EXT LAPSE *LAPSE RIGHT *EXT LAPSE Right	5. Penultimate Nahuatl	Stratum #1: *CLASH NONFINALITY *LAPSE RIGHT *EXT LAPSE Right Stratum #2: AL(x1,L,0) AL(x1,R,0) Stratum #3: *LAPSE AL(EDGE,0,x1) *EXT LAPSE *LAPSE LEFT
3. Peninitial plus Nonfinality, [10] No q.i.; Hopi(q.s.)	Stratum #1: *CLASH NONFINALITY *LAPSE LEFT Stratum #2: AL(x1,R,0) Stratum #3: AL(x1,L,0) *LAPSE AL(EDGE,0,x1) *EXT LAPSE *LAPSE RIGHT *EXT LAPSE Right	6. Final Atayal	Stratum #1: AL(x1,R,0) *CLASH *LAPSE RIGHT *EXT LAPSE Right Stratum #2: AL(x1,L,0) *LAPSE NONFINALITY AL(EDGE,0,x1) *EXT LAPSE *LAPSE LEFT

Dual fixed stress systems

Initial plus final	
<p>1. Initial & final, clash OK</p> <p>[11] Stratum #1:</p> <p>[101] AL(EDGE, Wd, ´)</p> <p>[1001] *Lapse Right</p> <p>[10001] *Lapse Left</p> <p>[100001] *Ext Lapse Right</p> <p>[1000001] Stratum #2: AL(´, L, Wd)</p> <p>[10000001] AL(´, R, Wd)</p> <p> *Clash</p> <p> Nonfinality</p> <p> Stratum #3: *Lapse</p> <p> *Ext Lapse</p> <p>Primary on initial: None</p> <p>Primary on final: Quebec French</p>	<p>2. Initial & final, no clash [10]</p> <p>[10] Stratum #1: *Clash</p> <p>[101] *Lapse Right</p> <p>[1001] *Lapse Left</p> <p>[10001] *Ext Lapse Right</p> <p>[100001] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[1000001] Stratum #3: AL(´, L, Wd)</p> <p>[10000001] Nonfinality</p> <p> Stratum #4: AL(´, R, Wd)</p> <p> *Lapse</p> <p> *Ext Lapse</p> <p>Primary on initial: None</p> <p>Primary on final: None</p>
<p>3. Initial & final, no clash [01]</p> <p>[01] Stratum #1: *Clash</p> <p>[101] *Lapse Right</p> <p>[1001] *Lapse Left</p> <p>[10001] *Ext Lapse Right</p> <p>[100001] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[1000001] Stratum #3: AL(´, R, Wd)</p> <p>[10000001] Stratum #4: AL(´, L, Wd)</p> <p> *Lapse</p> <p> NonFinality</p> <p> *Ext Lapse</p> <p>Primary on initial: None</p> <p>Primary on final: Udihe</p>	
Initial plus penultimate	
<p>4. Initial & penult, no clash [100]</p> <p>[10] Stratum #1: *Clash</p> <p>[100] Nonfinality</p> <p>[1010] *Lapse Left</p> <p>[10010] *Ext Lapse Right</p> <p>[100010] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[1000010] Stratum #3: AL(´, R, Wd)</p> <p>[10000010] *Lapse Right</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> *Lapse</p> <p> *Ext Lapse</p> <p>Primary on initial: Lower Sorbian</p> <p>Primary on penult: None</p>	<p>5. Initial & penult, no clash [010]</p> <p>[10] Stratum #1: *Clash</p> <p>[010] Nonfinality</p> <p>[1010] *Lapse Right</p> <p>[10010] *Lapse Left</p> <p>[100010] *Ext Lapse Right</p> <p>[1000010] Stratum #2: AL(´, L, Wd)</p> <p>[10000010] AL(EDGE, Wd, ´)</p> <p> Stratum #3: AL(´, R, Wd)</p> <p> *Lapse</p> <p> *Ext Lapse</p> <p>Primary on initial: None</p> <p>Primary on penult: Sanuma</p>
<p>6. Initial & penult, clash OK</p> <p>[10] Stratum #1: Nonfinality</p> <p>[110] *Lapse Right</p> <p>[1010] *Lapse Left</p> <p>[10010] *Ext Lapse Right</p> <p>[100010] Stratum #2: AL(´, L, Wd)</p> <p>[1000010] AL(EDGE, Wd, ´)</p> <p>[10000010] Stratum #3: AL(´, R, Wd)</p> <p> *Clash</p> <p> *Lapse</p> <p> *Ext Lapse</p> <p>Primary on initial: None</p> <p>Primary on penult: None</p>	<p>7. Initial & penult, no clash [010], [0010]</p> <p>[10] Stratum #1: *Clash</p> <p>[010] NonFinality</p> <p>[0010] *Lapse Right</p> <p>[10010] *Ext Lapse Right</p> <p>[100010] Stratum #2: AL(´, L, Wd)</p> <p>[1000010] Stratum #3: *Ext Lapse</p> <p>[10000010] Stratum #4: AL(´, R, Wd)</p> <p> Stratum #5: *Lapse</p> <p> AL(EDGE, Wd, ´)</p> <p> *Lapse Left</p> <p>Primary on initial: None</p> <p>Primary on penult: None</p>

Initial plus antepenultimate	
<p>8. Initial & antepenult, clash OK</p> <p>[10] Stratum #1: Nonfinality</p> <p>[100] *<i>Lapse Left</i></p> <p>[1100] *<i>Ext Lapse Right</i></p> <p>[10100] Stratum #2: AL(´, L, Wd)</p> <p>[100100] AL(EDGE, Wd, ´)</p> <p>[1000100] Stratum #3: AL(´, R, Wd)</p> <p>[10000100] *<i>Clash</i></p> <p> *<i>Lapse</i></p> <p> *<i>Ext Lapse</i></p> <p> *<i>Lapse Right</i></p> <p>Primary on initial: None</p> <p>Primary on antepenult: None</p>	<p>9. Initial & antepenult, no clash [0100]</p> <p>[10] Stratum #1: *<i>Clash</i></p> <p>[100] Nonfinality</p> <p>[0100] *<i>Lapse Left</i></p> <p>[10100] *<i>Ext Lapse Right</i></p> <p>[100100] Stratum #2: AL(´, L, Wd)</p> <p>[1000100] Stratum #3: AL(´, R, Wd)</p> <p>[10000100] *<i>Lapse</i></p> <p> AL(EDGE, Wd, ´)</p> <p> *<i>Ext Lapse</i></p> <p> *<i>Lapse Right</i></p> <p>Primary on initial: None</p> <p>Primary on antepenult: Georgian</p>
<p>10. Initial & antepenult, no clash [1010]</p> <p>[10] Stratum #1: *<i>Clash</i></p> <p>[100] Nonfinality</p> <p>[1010] *<i>Lapse Left</i></p> <p>[10100] *<i>Ext Lapse Right</i></p> <p>[100100] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[1000100] Stratum #3: AL(´, L, Wd)</p> <p>[10000100] Stratum #4: AL(´, R, Wd)</p> <p> *<i>Lapse</i></p> <p> *<i>Ext Lapse</i></p> <p> *<i>Lapse Right</i></p> <p>Primary on initial: Walmatjari ([10010 option])</p> <p>Primary on antepenult: None</p>	<p>11. Initial & antepenult, no clash [1010][00100]</p> <p>[10] Stratum #1: *<i>Clash</i></p> <p>[100] Nonfinality</p> <p>[0100] *<i>Ext Lapse Right</i></p> <p>[00100] Stratum #2: AL(´, L, Wd)</p> <p>[100100] Stratum #3: *<i>Ext Lapse</i></p> <p>[1000100] *<i>Lapse Right</i></p> <p>[10000100] Stratum #4: AL(´, R, Wd)</p> <p> Stratum #5: *<i>Lapse</i></p> <p> AL(EDGE, Wd, ´)</p> <p> *<i>Lapse Left</i></p> <p>Primary on initial: None</p> <p>Primary on antepenult: None</p>
Penitial plus penultimate	
<p>12. Peninitial & penult, clash OK</p> <p>[10] Stratum #1: Nonfinality</p> <p>[010] *<i>Lapse Right</i></p> <p>[0110] *<i>Lapse Left</i></p> <p>[01010] *<i>Ext Lapse Right</i></p> <p>[010010] Stratum #2: AL(´, R, Wd)</p> <p>[0100010] Stratum #3: AL(´, L, Wd)</p> <p>[01000010] *<i>Clash</i></p> <p> *<i>Lapse</i></p> <p> AL(EDGE, Wd, ´)</p> <p> *<i>Ext Lapse</i></p> <p>Primary on peninitial: None</p> <p>Primary on penultimate: None</p>	<p>13. Peninitial & penult, no clash [10] [1010]</p> <p>[10] Stratum #1: *<i>Clash</i></p> <p>[010] Nonfinality</p> <p>[1010] *<i>Lapse Right</i></p> <p>[01010] *<i>Lapse Left</i></p> <p>[010010] *<i>Ext Lapse Right</i></p> <p>[0100010] Stratum #2: AL(´, R, Wd)</p> <p>[01000010] Stratum #3: AL(´, L, Wd)</p> <p> *<i>Lapse</i></p> <p> AL(EDGE, Wd, ´)</p> <p> *<i>Ext Lapse</i></p> <p>Primary on peninitial: None</p> <p>Primary on penultimate: None</p>
<p>14. Peninitial & penult, no clash [10] [0100]</p> <p>[10] Stratum #1: *<i>Clash</i></p> <p>[010] *<i>Lapse Left</i></p> <p>[0100] *<i>Ext Lapse Right</i></p> <p>[01010] Stratum #2: AL(´, R, Wd)</p> <p>[010010] Stratum #3: AL(´, L, Wd)</p> <p>[0100010] NonFinality</p> <p>[01000010] *<i>Ext Lapse</i></p> <p> Stratum #4: *<i>Lapse</i></p> <p> AL(EDGES, Wd, ´)</p> <p> *<i>Lapse Right</i></p> <p>Primary on peninitial: None</p> <p>Primary on penultimate: None</p>	

Penitial plus final

15. Peninitial & final, clash OK	16. Peninitial & final, no clash [010] [0100]
<p>[01] Stratum #1: *Lapse Right [011] Lapse Left [0101] *Ext Lapse Right [01001] Stratum #2: AL (´, R, Wd) [010001] Stratum #3: *Lapse [0100001] AL (EDGES, PrWd, ´) [01000001] *Ext Lapse Stratum #4: AL (´, L, Wd) *Clash NonFinality</p> <p>Primary on peninitial: None Primary on final: None</p>	<p>[01] Stratum #1: *Clash [010] *Lapse Left [0100] *Ext Lapse Right [01001] Stratum #2: AL (´, R, Wd) [010001] Stratum #3: AL (´, L, Wd) [0100001] Nonfinality [01000001] *Ext Lapse Stratum #4: *Lapse AL (EDGE, Wd, ´) *Lapse Right</p> <p>Primary on peninitial: None Primary on final: None</p>
<p>17. Peninitial & final, no clash [010]</p> <p>[01] Stratum #1: *Clash [010] *Lapse Right [0101] Lapse Left [01001] *Ext Lapse Right [010001] Stratum #2: AL (´, R, Wd) [0100001] Stratum #3: AL (´, L, Wd) [01000001] *Lapse NonFinality AL (EDGES, PrWd, ´) *Ext Lapse</p> <p>Primary on peninitial: None Primary on final: None</p>	

Binary stress systems

Simple Binary	
<p>1. Even-numbered from L</p> <p>[01] Stratum #1: *Clash [010] *<i>Lapse</i> [0101] *<i>Ext Lapse</i> [01010] *<i>Lapse Right</i> [010101] *<i>Lapse Left</i> [0101010] *<i>Ext Lapse Right</i> [01010101] Stratum #2: AL(´, R, Wd) Stratum #3: AL(´, L, Wd) *<i>Nonfinality</i> AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: Araucanian Rightmost is primary: No q.i, Creek (q.s.)</p>	<p>2. Odd-numbered from R</p> <p>[01] Stratum #1: *Clash [101] *<i>Lapse</i> [0101] *<i>Ext Lapse</i> [10101] *<i>Lapse Right</i> [010101] *<i>Lapse Left</i> [1010101] *<i>Ext Lapse Right</i> [01010101] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: AL(´, R, Wd) Stratum #4: AL(´, L, Wd) *<i>Nonfinality</i></p> <p>Leftmost is primary: No q.i. Rightmost is primary: Urubu Kaapor</p>
<p>3. Even-numb'd from R</p> <p>[10] Stratum #1: *Clash [010] *<i>Lapse</i> [1010] *<i>Nonfinality</i> [01010] *<i>Ext Lapse</i> [101010] *<i>Lapse Right</i> [0101010] *<i>Lapse Left</i> [10101010] *<i>Ext Lapse Right</i> Stratum #2: AL(´, L, Wd) AL(´, R, Wd) AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: Malakmalak Rightmost is primary: Cavineña</p>	<p>4. Odd-numb'd from L</p> <p>[10] Stratum #1: *Clash [101] *<i>Lapse</i> [1010] *<i>Ext Lapse</i> [10101] *<i>Lapse Right</i> [101010] *<i>Lapse Left</i> [1010101] *<i>Ext Lapse Right</i> [10101010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: AL(´, L, Wd) *<i>Nonfinality</i> Stratum #4: AL(´, R, Wd)</p> <p>Leftmost is primary: Maranungku Rightmost is primary: Palestinian Arabic (q.s.)</p>
Binary plus clash	
<p>5. Even-numb'd from L & final, clash OK</p> <p>[01] Stratum #1: *<i>Lapse</i> [011] *<i>Ext Lapse</i> [0101] *<i>Lapse Right</i> [01011] *<i>Lapse Left</i> [010101] *<i>Ext Lapse Right</i> [0101011] Stratum #2: AL(´, R, Wd) [01010101] Stratum #3: AL(EDGE, Wd, ´) Stratum #4: AL(´, L, Wd) *<i>Clash</i> *<i>Nonfinality</i></p> <p>Leftmost is primary: None Rightmost is primary: Central Alaskan Yupik utterance-medial</p>	<p>6. Even-numb'd from L & penult, clash OK</p> <p>[10] Stratum #1: *<i>Lapse</i> [010] *<i>Nonfinality</i> [0110] *<i>Ext Lapse</i> [01010] *<i>Lapse Right</i> [010110] *<i>Lapse Left</i> [0101010] *<i>Ext Lapse Right</i> [01010110] Stratum #2: AL(´, R, Wd) Stratum #3: AL(´, L, Wd) *<i>Clash</i> AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: Southern Paitue Rightmost is primary: None</p>
<p>7. Odd-numb'd from L & final, clash OK</p> <p>[11] Stratum #1: *<i>Lapse</i> [101] AL(EDGE, Wd, ´) [1011] *<i>Ext Lapse</i> [10101] *<i>Lapse Right</i> [101011] *<i>Lapse Left</i> [1010101] *<i>Ext Lapse Right</i> [10101011] Stratum #2: AL(´, R, Wd) *<i>Clash</i> *<i>Nonfinality</i> Stratum #3: AL(´, L, Wd)</p> <p>Leftmost is primary: Gosiute Shoshone Rightmost is primary: None</p>	<p>8. Odd-numb'd from L & penult, clash OK</p> <p>[10] Stratum #1: *<i>Lapse</i> [110] *<i>Nonfinality</i> [1010] *<i>Ext Lapse</i> [10110] *<i>Lapse Right</i> [101010] *<i>Lapse Left</i> [1010110] *<i>Ext Lapse Right</i> [10101010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: AL(´, R, Wd) *<i>Clash</i> Stratum #4: AL(´, L, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>

<p>9. Even-numb'd from R & initial, clash OK</p> <p>[10] Stratum #1: *Lapse *Nonfinality</p> <p>[110] *Ext Lapse *Lapse Right</p> <p>[1010] *Lapse Left</p> <p>[11010] *Ext Lapse Right</p> <p>[101010] Stratum #2: AL(´, L, Wd) AL(EDGE, Wd, ´)</p> <p>[1101010] Stratum #3: AL(´, R, Wd)</p> <p>[10101010] *Clash</p> <p>Leftmost is primary: None Rightmost is primary: Biangai</p>	<p>10. Odd-numb'd from R & initial, clash OK</p> <p>[11] Stratum #1: *Lapse</p> <p>[101] AL(EDGE, Wd, ´)</p> <p>[1101] *Ext Lapse</p> <p>[10101] *Lapse Right</p> <p>[110101] *Lapse Left</p> <p>[1010101] *Ext Lapse Right</p> <p>[11010101] Stratum #2: AL(´, L, Wd) *Clash</p> <p> *Nonfinality</p> <p> Stratum #3: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: Tauya</p>
Binary plus lapse	
<p>11. Odd-numb'd from L & penult, no clash [010]</p> <p>[10] Stratum #1: *Clash</p> <p>[010] *Nonfinality</p> <p>[1010] *Ext Lapse</p> <p>[10010] *Lapse Right</p> <p>[101010] *Lapse Left</p> <p>[1010010] *Ext Lapse Right</p> <p>[10101010] Stratum #2: AL(EDGE, Wd, ´)</p> <p> Stratum #3: *Lapse</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> Stratum #5: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: Piro</p>	<p>12. Odd-numb'd from L & penult, no clash [100]</p> <p>[10] Stratum #1: *Clash</p> <p>[100] *Nonfinality</p> <p>[1010] *Ext Lapse</p> <p>[10010] *Lapse Left</p> <p>[101010] *Ext Lapse Right</p> <p>[1010010] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[10101010] Stratum #3: *Lapse *Lapse Right</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> Stratum #5: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>13. Odd-numb'd from L minus final</p> <p>[10] Stratum #1: *Clash</p> <p>[100] *Nonfinality</p> <p>[1010] *Ext Lapse</p> <p>[10100] *Lapse Left</p> <p>[101010] *Ext Lapse Right</p> <p>[1010100] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[10101010] Stratum #3: *Lapse</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> Stratum #5: AL(´, R, Wd) *Lapse Right</p> <p>Leftmost is primary: Pintupi Rightmost is primary: None</p>	<p>14. Odd-numb'd from L & final [10]</p> <p>[10] Stratum #1: *Clash</p> <p>[101] *Ext Lapse</p> <p>[1001] *Lapse Right</p> <p>[10101] *Lapse Left</p> <p>[101001] *Ext Lapse Right</p> <p>[1010101] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[10101001] Stratum #3: *Lapse *Nonfinality</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> Stratum #5: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>15. Odd-numb'd from L & penult, clash in trisyl.</p> <p>[10] Stratum #1: *Nonfinality</p> <p>[110] *Ext Lapse</p> <p>[1010] *Lapse Right</p> <p>[10010] *Lapse Left</p> <p>[101010] *Ext Lapse Right</p> <p>[1010010] Stratum #2: AL(EDGE, Wd, ´)</p> <p>[10101010] Stratum #3: *Clash</p> <p> Stratum #4: *Lapse</p> <p> Stratum #5: AL(´, L, Wd)</p> <p> Stratum #6: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>16. Odd-numb'd from L & final, clash in disyl.</p> <p>[11] Stratum #1: AL(EDGE, Wd, ´)</p> <p>[101] *Ext Lapse</p> <p>[1001] *Lapse Right</p> <p>[10101] *Lapse Left</p> <p>[101001] *Ext Lapse Right</p> <p>[1010101] Stratum #2: *Clash</p> <p>[10101001] *Nonfinality</p> <p> Stratum #3: *Lapse</p> <p> Stratum #4: AL(´, L, Wd)</p> <p> Stratum #5: AL(´, R, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>

<p>17. Even-numb'd from R & init., no clash, [010]</p> <p>[10] Stratum #1: *Clash [010] *Nonfinality [1010] *Ext Lapse [10010] *Lapse Right [101010] *Lapse Left [1001010] *Ext Lapse Right [10101010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: *Lapse Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: Indonesian</p>	<p>18. Even-numb'd from R & initial, clash in trisyl.</p> <p>[10] Stratum #1: *Nonfinality [110] *Ext Lapse [1010] *Lapse Right [10010] *Lapse Left [101010] *Ext Lapse Right [1001010] Stratum #2: AL(EDGE, Wd, ´) [10101010] Stratum #3: *Clash Stratum #4: *Lapse Stratum #5: AL(´, R, Wd) Stratum #6: AL(´, L, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>19. Even-numb'd from R & init., no clash [100]</p> <p>[10] Stratum #1: *Clash [100] *Nonfinality [1010] *Ext Lapse [10010] *Lapse Left [101010] *Ext Lapse Right [1001010] Stratum #2: AL(EDGE, Wd, ´) [10101010] Stratum #3: *Lapse *Lapse Right Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd)</p> <p>Leftmost is primary: Garawa Rightmost is primary: None</p>	<p>20. Even-numb'd from R plus peninitial [1010]</p> <p>[10] Stratum #1: *Clash [010] *Nonfinality [1010] *Ext Lapse [01010] *Lapse Right [010010] *Lapse Left [10101010] *Ext Lapse Right [01001010] Stratum #2: AL(´, R, Wd) Stratum #3: AL(´, L, Wd) *Lapse AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>21. Odd-numb'd from R & initial, no clash, [01]</p> <p>[01] Stratum #1: *Clash [101] *Ext Lapse [1001] *Lapse Right [10101] *Lapse Left [100101] *Ext Lapse Right [1010101] Stratum #2: AL(EDGE, Wd, ´) [10010101] Stratum #3: *Lapse Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd) *Nonfinality</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>22. Odd-numb'd from R & initial, clash in disyl.</p> <p>[11] Stratum #1: AL(EDGE, Wd, ´) [101] *Ext Lapse [1001] *Lapse Right [10101] *Lapse Left [100101] *Ext Lapse Right [1010101] Stratum #2: *Clash [10010101] *Nonfinality Stratum #3: *Lapse Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>23. Odd-numbered from R plus initial [10]</p> <p>[10] Stratum #1: *Clash [101] *Ext Lapse [1001] *Lapse Right [10101] *Lapse Left [100101] *Ext Lapse Right [1010101] Stratum #2: AL(EDGE, Wd, ´) [10010101] Stratum #3: *Lapse *Nonfinality Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd)</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	

Ternary stress systems

Simple Ternary	
<p>1. Ternary from L, Leftmost stress on 3rd syl. [02] Stratum #1: *Clash [002] *Ext Lapse [0020] *Ext Lapse Right [00200] Stratum #2: AL (´, R, Wd) [002001] Stratum #3: AL (´, L, Wd) [0020010] Nonfinality [00200100] *Lapse Left Stratum #4: *Lapse AL (EDGE, Wd, ´) *Lapse Rig</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>2. Ternary from L, Leftmost stress on peninit. [02] Stratum #1: *Clash [020] *Ext Lapse [0200] *Lapse Left [02001] *Ext Lapse Right [020010] Stratum #2: AL (´, R, Wd) [0200100] Stratum #3: AL (´, L, Wd) [02001001] Nonfinality Stratum #4: *Lapse AL (EDGE, Wd, ´) *Lapse Right</p> <p>Leftmost is primary: Ioway-Oto Rightmost is primary: None</p>
<p>3. Ternary from R, Rightmost stress on antepenult [20] Stratum #1: *Clash [200] Nonfinality [0200] *Ext Lapse [00200] *Ext Lapse Right [100200] Stratum #2: AL (´, L, Wd) [0100200] Stratum #3: AL (´, R, Wd) [00100200] *Lapse Right Stratum #4: *Lapse AL (EDGE, Wd, ´) *Lapse Left</p> <p>Leftmost is primary: None Rightmost is primary: Cayuvava</p>	<p>4. Ternary from R, Rightmost stress on penult [20] Stratum #1: *Clash [020] Nonfinality [0020] *Ext Lapse [10020] *Lapse Right [010020] *Ext Lapse Right [0010020] Stratum #2: AL (´, L, Wd) [10010020] Stratum #3: AL (´, R, Wd) Stratum #4: *Lapse AL (EDGE, Wd, ´) *Lapse Left</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
Ternary plus clash	
<p>5. Ternary from L & final, Leftmost stress on peninitial, clash OK [02] Stratum #1: *Ext Lapse [021] *Lapse Right [0201] *Lapse Left [02001] *Ext Lapse Right [020011] Stratum #2: AL (´, R, Wd) [0200101] Stratum #3: *Lapse AL (EDGE, Wd, ´) Stratum #4: AL (´, L, Wd) *Clash Nonfinality</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>6. Ternary from L & final, Leftmost stress on 3rd syl., clash OK [02] Stratum #1: *Ext Lapse [002] *Lapse Right [0012] *Ext Lapse Right [00102] Stratum #2: AL (´, R, Wd) [001002] Stratum #3: *Lapse AL (EDGE, Wd, ´) *Lapse Left Stratum #4: AL (´, L, Wd) *Clash Nonfinality</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>7. Tern. from L & final, Lmost stress on init., clash OK [21] Stratum #1: [201] AL (EDGE, Wd, ´) [2001] *Ext Lapse [20011] *Lapse Right [200101] *Lapse Left [2001001] *Ext Lapse Right [20010011] Stratum #2: AL (´, R, Wd) Nonfinality Stratum #3: AL (´, L, Wd) *Clash *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>8. Ternary from L, & penult, Lmost stress on init., clash OK [20] Stratum #1: Nonfinality [210] *Ext Lapse [2010] *Lapse Right [20010] *Lapse Left [200110] *Ext Lapse Right [2001010] Stratum #2: AL (EDGE, Wd, ´) Stratum #3: AL (´, R, Wd) Stratum #4: AL (´, L, Wd) *Clash *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>

<p>9. Ternary from L & penult, Lmost stress on 3rd syl, clash OK [20]</p> <p>[20] Stratum #1: Nonfinality</p> <p>[020] *Ext Lapse</p> <p>[0020] *Lapse Right</p> <p>[00120] *Ext Lapse Right</p> <p>[001020] Stratum #2: AL (´, R, Wd)</p> <p>[0010020] Stratum #3: AL (´, L, Wd)</p> <p>[00100120] *Clash</p> <p> *Lapse</p> <p> AL(EDGE, Wd, ´)</p> <p> *Lapse Left</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>	<p>10. Ternary from L & penult, Lmost stress on 3rd syl, clash OK [02]</p> <p>[20] Stratum #1: Nonfinality</p> <p>[020] *Ext Lapse</p> <p>[0020] *Lapse Right</p> <p>[00210] *Ext Lapse Right</p> <p>[002010] Stratum #2: AL (´, R, Wd)</p> <p>[0020010] Stratum #3: AL (´, L, Wd)</p> <p>[00200110] *Clash</p> <p> *Lapse</p> <p> AL (EDGE, Wd, ´)</p> <p> *Lapse Left</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>
<p>11. Ternary from L & penult, Lmost stress on peninitial</p> <p>[20] Stratum #1: Nonfinality</p> <p>[020] *Ext Lapse</p> <p>[0210] *Lapse Right</p> <p>[02010] *Lapse Left</p> <p>[020010] *Ext Lapse Right</p> <p>[0200110] Stratum #2: AL (´, R, Wd)</p> <p>[02001010] Stratum #3: AL (´, L, Wd)</p> <p> *Clash</p> <p> *Lapse</p> <p> AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>	<p>12. Tern from R & initial, Rmost stress on antepenult, clash OK</p> <p>[20] Stratum #1: Nonfinality</p> <p>[200] *Ext Lapse</p> <p>[2100] *Lapse Left</p> <p>[20100] *Ext Lapse Right</p> <p>[200100] Stratum #2: AL (´, L, Wd)</p> <p>[2100100] AL (EDGE, Wd, ´)</p> <p>[20100100] Stratum #3: AL (´, R, Wd)</p> <p> *Clash</p> <p> *Lapse</p> <p> *Lapse Right</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>
<p>13. Ternary from R & initial, Rmost stress on penult, clash OK</p> <p>[20] Stratum #1: Nonfinality</p> <p>[210] *Ext Lapse</p> <p>[2010] *Lapse Right</p> <p>[20010] *Lapse Left</p> <p>[210010] *Ext Lapse Right</p> <p>[2010010] Stratum #2: AL (´, L, Wd)</p> <p>[20010010] AL (EDGE, Wd, ´)</p> <p> Stratum #3: AL (´, R, Wd)</p> <p> *Clash</p> <p> *Lapse</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>	<p>14. Ternary from R & initial, Rmost stress on final, clash OK</p> <p>[21] Stratum #1:</p> <p>[201] AL (EDGE, Wd, ´)</p> <p>[2001] *Ext Lapse</p> <p>[21001] *Lapse Right</p> <p>[201001] *Lapse Left</p> <p>[2001001] *Ext Lapse Right</p> <p>[21001001] Stratum #2: AL (´, L, Wd)</p> <p> Nonfinality</p> <p> Stratum #3: AL (´, R, Wd)</p> <p> *Clash</p> <p> *Lapse</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>
<p>Ternarity plus binarity</p>	
<p>15. Ternary from L & peninitial, Lmost stress on penult., no clash [20]</p> <p>[20] Stratum #1: *Clash</p> <p>[020] Nonfinality</p> <p>[0200] *Ext Lapse</p> <p>[02010] *Lapse Left</p> <p>[020010] *Ext Lapse Right</p> <p>[0200100] Stratum #2: AL (´, R, Wd)</p> <p>[02001010] Stratum #3: AL (´, L, Wd)</p> <p> *Lapse</p> <p> AL (EDGE, Wd, ´)</p> <p> *Lapse Right</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>	<p>16. Ternary from L & penult, Lmost stress on init., no clash</p> <p>[20] Stratum #1: *Clash</p> <p>[200] Nonfinality</p> <p>[2010] *Ext Lapse</p> <p>[20010] *Lapse Left</p> <p>[200100] *Ext Lapse Right</p> <p>[2001010] Stratum #2:</p> <p>[20010010] AL (EDGE, Wd, ´)</p> <p> Stratum #3: AL (´, R, Wd)</p> <p> Stratum #4: AL (´, L, Wd)</p> <p> *Lapse</p> <p> *Lapse Right</p> <p>Leftmost is primary: None</p> <p>Rightmost is primary: None</p>

<p>17. Ternary from L & penult, Lmost stress on init., clash in trisyl. [20] Stratum #1: Nonfinality [210] *Ext Lapse [2010] *Lapse Right [20010] *Lapse Left [201010] *Ext Lapse Right [2001010] Stratum #2: AL(EDGE, Wd, ´) [20010010] Stratum #3: *Clash Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>18. Ternary from L, & penult, Lmost on 3rd syl, no clash [20],[020] [20] Stratum #1: *Clash [020] Nonfinality [0020] *Ext Lapse [00200] *Ext Lapse Right [002010] Stratum #2: AL(´, R, Wd) [0020010] Stratum #3: AL(´, L, Wd) [00200100] *Lapse AL(EDGE, Wd, ´) *Lapse Right *Lapse Left</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>19. Tern from L & penult, Lmst on init., no clash [200] [20] Stratum #1: *Clash [200] Nonfinality [2010] *Ext Lapse [20010] *Lapse Left [201010] *Ext Lapse Right [2001010] Stratum #2: AL(EDGE, Wd, ´) [20010010] Stratum #3: *Lapse Right Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>20. Tern from L & penult, Lmst on 3rd syll., no clash [20] Stratum #1: *Clash [020] Nonfinality [0020] *Ext Lapse [02010] *Lapse Right [002010] *Ext Lapse Right [0020010] Stratum #2: AL(´, R, Wd) [00201010] Stratum #3: AL(´, L, Wd) *Lapse AL(EDGE, Wd, ´) *Lapse Left</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>21. Tern from L & penult, Lmost on initial no clash [020] [2001010] [20] Stratum #1: *Clash [020] Nonfinality [2010] *Ext Lapse [20010] *Lapse Right [201010] *Lapse Left [2001010] *Ext Lapse Right [20010010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: AL(´, R, Wd) Stratum #4: AL(´, L, Wd) *Lapse</p> <p>Leftmost is primary: Estonian (q.s.) Rightmost is primary: None</p>	<p>22. Tern from L & penult, Lmost on initial [020] [2010010] [20] Stratum #1: *Clash [020] Nonfinality [2010] *Ext Lapse [20010] *Lapse Right [201010] *Lapse Left [2010010] *Ext Lapse Right [20010010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: AL(´, L, Wd) Stratum #4: AL(´, R, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>23. Ternary from L & final, Lmost on init., clash in disyl. [21] Stratum #1: AL(EDGE, Wd, ´) [201] *Ext Lapse [2001] *Lapse Right [20101] *Lapse Left [200101] *Ext Lapse Right [2001001] Stratum #2: *Clash [20010101] Nonfinality Stratum #3: AL(´, R, Wd) Stratum #4: AL(´, L, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>24. Ternary from L & final, Lmost on init., no clash [20] Stratum #1: *Clash [201] *Ext Lapse [2001] *Lapse Right [20101] *Lapse Left [200101] *Ext Lapse Right [2001001] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: Nonfinality Stratum #4: AL(´, R, Wd) Stratum #5: AL(´, L, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>

<p>25. Ternary from L & final, Lmost on init., no clash</p> <p>[02] Stratum #1: *Clash [102] *Ext Lapse [1002] *Lapse Right [10102] *Lapse Left [100102] *Ext Lapse Right [1001002] Stratum #2: [10010102] AL(EDGE, Wd, ´) Stratum #3: AL(´, R, Wd) Stratum #4: AL(´, L, Wd) *Lapse Nonfinality</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>26. Ternary from L & final, Lmost on peninit., no clash</p> <p>[02] Stratum #1: *Clash [020] *Ext Lapse [0201] *Lapse Right [02001] *Lapse Left [020010] *Ext Lapse Right [0200101] Stratum #2: [02001001] AL(´, R, Wd) Stratum #3: AL(´, L, Wd) *Lapse Nonfinality AL(EDGE, Wd, ´)</p> <p>Leftmost is primary: None Rightmost is primary: No q.i., Pacific Yupik (q.s)</p>
<p>27. Ternary from L & final, Lmost on 3rd syl., no clash</p> <p>[02] Stratum #1: *Clash [002] *Ext Lapse [0020] *Lapse Right [00201] *Ext Lapse Right [002001] Stratum #2: [0020010] AL(´, R, Wd) [00200101] Stratum #3: AL(´, L, Wd) *Lapse Nonfinality AL(EDGE, Wd, ´) *Lapse</p> <p>Leftmost is primary: Winnebago (q.s.) Rightmost is primary: None</p>	
<p>28. Ternary from R & initial, Rmost on antepen., no clash [2010]</p> <p>[20] Stratum #1: *Clash [200] Nonfinality [2010] *Ext Lapse [20100] *Lapse Left [200100] *Ext Lapse Right [2010100] Stratum #2: [20100100] AL(EDGE, Wd, ´) Stratum #3: AL(´, L, Wd) Stratum #4: AL(´, R, Wd) *Lapse *Lapse Right</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>29. Ternary from R & initial, Rmost stress on penult, clash in trisyl.</p> <p>[20] Stratum #1: [210] Nonfinality [2010] *Ext Lapse [20010] *Lapse Right [201010] *Lapse Left [2010010] *Ext Lapse Right [20010010] Stratum #2: AL(EDGE, Wd, ´) Stratum #3: *Clash Stratum #4: AL(´, L, Wd) Stratum #5: AL(´, R, Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>

<p>30. Ternary from R & initial, Rmost on penult, no clash</p> <p>[20] Stratum #1: *Clash [200] Nonfinality [2010] *Ext Lapse [20010] *Lapse Left [201010] *Ext Lapse Right [2010010] Stratum #2: AL (EDGE , Wd, ´) [20010010] Stratum #3: *Lapse Right Stratum #4: AL (´ , L , Wd) Stratum #5: AL (´ , R , Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>31. Ternary from R & initial, Rmost on final, no clash</p> <p>[20] Stratum #1: *Clash [201] *Ext Lapse [2001] *Lapse Right [20101] *Lapse Left [201001] *Ext Lapse Right [2001001] Stratum #2: AL (EDGE , Wd, ´) [20101001] Stratum #3: AL (´ , L , Wd) Nonfinality Stratum #4: AL (´ , R , Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>
<p>32. Ternary from R & initial, Rmost on final, clash in disyl.</p> <p>[21] Stratum #1: AL (EDGE , Wd, ´) [201] *Ext Lapse [2001] *Lapse Right [20101] *Lapse Left [201001] *Ext Lapse Right [2001001] Stratum #2: *Clash Nonfinality Stratum #3: AL (´ , L , Wd) Stratum #4: AL (´ , R , Wd) *Lapse</p> <p>Leftmost is primary: None Rightmost is primary: None</p>	<p>33. Ternary from R & initial, Rmost on antepenult, no clash</p> <p>[20] Stratum #1: *Clash [200] Nonfinality [0200] *Ext Lapse [10200] *Lapse Left [100200] *Ext Lapse Right [0100200] Stratum #2: AL (´ , L , Wd) [10100200] Stratum #3: AL (´ , R , Wd) *Lapse AL (EDGE , Wd, ´) *Lapse Right</p> <p>Leftmost is primary: None Rightmost is primary: None</p>