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Orders in the Lebanese Arabic DP

Online Appendix to:

Intra-linguistic Word Order Variation in Lebanese Arabic DPs
in Support of Low Numerals. *Linguistic Inquiry* Vol X Issue Y

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This online appendix provides Lebanese Arabic data in support of the [Linguistic Inquiry](#) squib 'Word Order Variation in Lebanese Arabic DPs in Support of Low Numerals' published in Fall 2016. All but the core examples have been excluded in the main article for reasons of space. The grammaticality claims in this appendix are based on the native judgments of one of the co-authors and a four other native speakers from North Lebanon.

1. Twenty four orders of DEM - NUM - ADJ - N

There are $4! = 4 \times 3 \times 2 \times 1 = 24$ possible permutations of the elements DEM NUM ADJ N, and hence 24 possible word orders for a DP containing four such items. Throughout this section, the non-intersective adjective *seebe* 'former' is used.

1.1. Thirteen ungrammatical orders

1.1.1. Eight ungrammatical orders ruled out by *Cinque constraint*¹

1. *haydol s-seeb?-iin t-tlat mhands-iin (DEM-A-NUM-N)
these the-former-pl the-three engineer-pl
2. *t-tleeteh haydol s-seeb?-iin l-mhands-iin (NUM-DEM-A-N)
The-three these the-former-pl the-engineer-pl
3. *t-tleeteh haydol l-mhands-iin s-seeb?-iin (NUM-DEM-N-A)
The-three these the-engineer-pl the-former-pl
4. *s-seeb?-iin haydol t-tlat mhands-iin (A-DEM-NUM-N)
the-former-pl these the-three engineer-pl
5. *s-seeb?-iin haydol l-mhands-iin t-tleeteh (A-DEM-N-NUM)
the-former-pl these the-engineer-pl the-three
6. *t-tleeteh s-seeb?-iin haydol l-mhands-iin (NUM-A-DEM-N)
the-three the-former-pl these the-engineer-pl
7. *s-seeb?-iin t-tleeteh haydol l-mhands-iin (A-NUM-DEM-N)
the-former-p the-three these the-engineer-pl
8. *s-seeb?-iin t-tlat mhands-iin haydol (A-NUM-N-DEM)
the-former-p the-three engineer-pl these

1.1.2. Five ungrammatical orders ruled out by Shlonsky's Movement requirement²

9. *haydol t-tleeteh s-seeb?-iin l-mhands-iin (DEM-NUM-A-N)
these the-three the-former-pl the-engineer-pl
10. *t-tleeteh s-seeb?-iin l-mhands-iin haydol (NUM-A-N-DEM)
the-three the-former-pl the-engineer-pl these

¹ Only movement of the overt NP and phrases containing it is allowed, with different movements having different costs (Cinque 2005).

² DPs in agreement-rich languages must involve NP movement above all agreeing modifiers (Shlonsky, 2012)

- | | | |
|-----|--|---------------|
| 11. | *haydol s-seeb?-iin l-mhands-iin t-tleeteh
these the-former-pl the-engineer-pl the-three | (DEM-A-N-NUM) |
| 12. | *s-seeb?-iin l-mhands-iin t-tleeteh haydol
the-former-pl the-engineer-pl the-three these | (A-N-NUM-DEM) |
| 13. | *s-seeb?-iin l-mhands-iin haydol t-tleeteh
the-former-pl the-engineer-pl these the-three | (A-N-DEM-NUM) |

1.2. Eleven grammatical orders

1.2.1. Nine grammatical orders derivable by Cinque (2005)

The following orders are all grammatical in Lebanese Arabic and are derivable given Cinque's Constraint which only allows movement of phrases containing the NP.

- | | | |
|-----|---|---------------|
| 14. | l-mhands-iin s-seeb?-iin t-tleeteh hool
the-engineer-pl the-former-pl the-three these | (N-A-NUM-DEM) |
| 15. | t-tlatt mhands-iin s-seeb?-iin hool
the-three engineer-pl the-former-pl these | (NUM-N-A-DEM) |
| 16. | hool l-mhands-iin s-seeb?-iin t-tleeteh
these the-engineer-pl the-former-pl the-three | (DEM-N-A-NUM) |
| 17. | hool t-tlatt mhands-iin s-seeb?-iin
these the-three engineer-pl the-former-pl | (DEM-NUM-N-A) |
| 18. | l-mhands-iin s-seeb?-iin hool t-tleeteh
the-engineer-pl the-former-pl these the-three | (N-A-DEM-NUM) |
| 19. | l-mhands-iin hool t-tleeteh s-seeb?-iin
the-engineer-pl these the-three the-former-pl | (N-DEM-NUM-A) |
| 20. | hool l-mhands-iin t-tleeteh s-seeb?-iin
these the-engineer-pl the-three the-former-pl | (DEM-N-NUM-A) |
| 21. | l-mhands-iin t-tleeteh s-seeb?-iin hool
the-engineer-pl the-three the-former-pl these | (N-NUM-A-DEM) |

22. l-mhands-iin hool s-seeb?-iin t-tleeteh (N-DEM-A-NUM)
the-engineer-pl these the-former-pl the-three

1.2.1. Two grammatical orders that would be ruled out Cinque's constraint

There are two recalcitrant word orders that are grammatical in Lebanese Arabic but which cannot be derived from the base order [Dem [Num [Adj [N]]]] given the movements allowed by Cinque (2005). These are the two orders that the squib, published in *Linguistic Inquiry* 48-1 deals with.

23. t-tlatt mhands-iin hool s-seeb?-iin (NUM-N-DEM-A)
the-three engineer-pl these the-former-pl

24. l-mhands-iin t-tleeteh hool s-seeb?-iin (N-NUM-DEM-A)
The-engineer-pl the-three these the-former-pl

2. One hundred and twenty orders of DEM - NUM - ADJ_I - ADJ_NI - N

There are $5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$ possible permutations of the elements DEM NUM ADJ N, and hence 120 possible word orders for a DP containing four such items. Throughout this section, the non-intersective adjective *seebe* 'former' and the intersective adjective *Tawii* 'tall' are used.

2.1. Hundred three ungrammatical orders

2.1.1. Fourteen ungrammatical orders ruled out by *Cinque constraint*³

1. *t-tleeteh haydol l-mhands-iin t-tweel s-seeb?-iin (NUM-DEM-N-A_I-A_NI)
the-three these the-engineer-pl the-tall.pl the-former-pl
2. ? haydol l-mhands-iin t-tweel t-tleeteh s-seeb?-iin (DEM-N-A_I-NUM-A_NI)
these the-engineer-pl the-tall.pl the-three the-former-pl
3. *t-tleeteh haydol l-mhands-iin s-seeb?-iin t-tweel (NUM-DEM-N-A_NI-A_I)
the-three these the-engineer-pl the-former-p the-tall.pl
4. *t-tlat mhands-iin haydol t-tweel s-seeb?-iin (NUM-N-DEM-A_I-A_NI)

³ Only movement of the overt NP and phrases containing it is allowed, with different movements having different costs.

	the-three	engineer-pl	these	the-tall.pl	the-former-pl	
5.	*t-tlat	mhandsiin	haydol	s-seeb?-iin	T-Tweel	(NUM-N-DEM-AI-AI)
	the-three	engineer-pl	these	the-former-pl	the-tall.pl	
6.	*t-tlat	mhandsiin	T-Tweel	haydol	s-seeb?-iin	(NUM-N-AI-DEM-AI)
	the-three	engineer-pl	the-tall.pl	these	the-former-pl	
7.	*I-mhandsiin	haydol	T-Tweel	t-tleete	s-seeb?-iin	(N-DEM-AI-NUM-AI)
	the-engineer-pl	these	the-tall.pl	the-three	the-former-pl	
8.	*I-mhandsiin	t-tleete	haydol	T-Tweel	s-seeb?-iin	(N-NUM-DEM-AI-AI)
	the-engineer-pl	the-three	these	the-tall.pl	the-former-pl	
9.	*I-mhandsiin	t-tleete	haydol	s-seeb?-iin	T-Tweel	(N-NUM-DEM-AI-AI)
	the-engineer-pl	the-three	these	the-former-pl	the-tall.pl	
10.	*I-mhandsiin	t-tleete	T-Tweel	haydol	s-seeb?-iin	(N-NUM-AI-DEM-AI)
	the-engineer-pl	the-three	the-tall.pl	these	the-former-pl	
11.	*I-mhandsiin	T-Tweel	haydol	s-seeb?-iin	t-tleete	(N-AI-DEM-AI-NUM)
	the-engineer-pl	the-tall.pl	these	the-former-pl	the-three	
12.	*I-mhandsiin	T-Tweel	haydol	t-tleete	s-seeb?-iin	(N-AI-DEM-NUM-AI)
	the-engineer-pl	the-tall.pl	these	the-three	the-former-pl	
13.	*I-mhandsiin	T-Tweel	t-tleete	s-seeb?-iin	haydol	(N-AI-NUM-AI-DEM)
	the-engineer-pl	the-tall.pl	the-three	the-former-pl	these	
14.	*I-mhandsiin	T-Tweel	t-tleete	haydol	s-seeb?-iin	(N-AI-NUM-DEM-AI)
	the-engineer-pl	the-tall.pl	the-three	these	the-former-pl	

2.1.2. Eighty ungrammatical orders ruled out by Shlonsky's Movement requirement⁴

15.	*haydol	t-tleete	T-Tweel	s-seeb?-iin	I-mhands-iin	(DEM-NUM-AI-AI-N)
	these	the-three	the-tall.pl	the-former-pl	the-engineer-pl	

⁴ DPs in agreement-rich languages must involve NP movement above all agreeing modifiers (Shlonsky, 2012)

16. *haydol t-tleeteh T-Tweel l-mhands-iin s-seeb?-iin (DEM-NUM-A1-N-A1)
these the-three the-tall.pl the-engineer-pl the-former-pl
17. *haydol t-tleeteh s-seeb?-iin T-Tweel l-mhands-iin (DEM-NUM-A1-A1-N)
these the-three the-former-pl the-tall.pl the-engineer-pl
18. *haydol t-tleeteh s-seeb?-iin l-mhands-iin T-Tweel (DEM-NUM-A1-N-A1)
these the-three the-former-pl the-engineer-pl the-tall.pl
19. *haydol T-Tweel t-tlat mhands-iin s-seeb?-iin (DEM-A1-NUM-N-A1)
these the-tall.pl the-three engineer-pl the-former-pl
20. *haydol T-Tweel t-tleeteh s-seeb?-iin l-mhands-iin (DEM-A1-NUM-A1-N)
these the-tall.pl the-three the-former-pl the-engineer-pl
21. *haydol T-Tweel s-seeb?-iin l-mhands-iin t-tleeteh (DEM-A1-A1-N-NUM)
these the-tall.pl the-former-pl the-engineer-pl the-three
22. *haydol T-Tweel s-seeb?-iin t-tlat mhands-iin (DEM-A1-A1-NUM-N)
these the-tall.pl the-former-pl the-three engineer-pl
23. *haydol T-Tweel l-mhands-iin s-seeb?-iin t-tleeteh (DEM-A1-N-A1-NUM)
these the-tall.pl the-engineer-pl the-former-pl the-three
24. *haydol T-Tweel l-mhands-iin t-tleeteh s-seeb?-iin (DEM-A1-N-NUM-A1)
these the-tall.pl the-engineer-pl the-three the-former-pl
25. *haydol s-seeb?-iin t-tleeteh T-Tweel l-mhands-iin (DEM-A1-NUM-A1-N)
These the-former-pl the-three the-tall.pl the-engineer-pl
26. *haydol s-seeb?-iin t-tlat mhands-iin T-Tweel (DEM-A1-NUM-N-A1)
these the-former-pl the-three engineer-pl the-tall.pl
27. *haydol s-seeb?-iin T-Tweel t-tlat mhands-iin (DEM-A1-A1-NUM-N)
these the-former-pl the-tall.pl the-three engineer-pl
28. *haydol s-seeb?-iin T-Tweel l-mhands-iin t-tleeteh (DEM-A1-A1-N-NUM)
these the-former-pl the-tall.pl the-engineer-pl the-three
29. *haydol s-seeb?-iin l-mhands-iin t-tleeteh T-Tweel (DEM-A1-N-NUM-A1)
these the-former-pl the-engineer-pl the-three the-tall.pl

30. *haydol s-seeb?-iin l-mhands-iin T-Tweel t-tleeteh (DEM-ANI-N-AI-Num)
these the-former-pl the-engineer-pl the-tall.pl the-three
31. *t-tleeteh haydol T-Tweel l-mhands-iin s-seeb?-iin (Num-DEM-AI-N-ANI)
the-three these the-tall.pl the-engineer-pl the-former-pl
32. *t-tleeteh haydol T-Tweel s-seeb?-iin l-mhands-iin (Num-DEM-AI-ANI-N)
the-three these the-tall.pl the-former-pl the-engineer-pl
33. *t-tleeteh haydol s-seeb?-iin l-mhands-iin T-Tweel (Num-DEM-ANI-N-AI)
the-three these the-former-pl the-engineer-pl the-tall.pl
34. *t-tleeteh haydol s-seeb?-iin T-Tweel l-mhands-iin (Num-DEM-ANI-AI-N)
the-three these the-former-pl the-tall.pl the-engineer-pl
35. *t-tleeteh T-Tweel l-mhands-iin s-seeb?-iin haydol (Num-AI-N-ANI-DEM)
the-three the-tall.pl the-engineer-pl the-former-plt hese
36. *t-tleeteh T-Tweel l-mhands-iin haydol s-seeb?-iin (Num-AI-N-DEM-ANI)
the-three the-tall.pl the-engineer-pl these the-former-pl
37. *t-tleeteh T-Tweel haydol s-seeb?-iin l-mhands-iin (Num-AI-DEM-ANI-N)
the-three the-tall.pl these the-former-pl the-engineer-pl
38. *t-tleeteh T-Tweel haydol l-mhands-iin s-seeb?-iin (Num-AI-DEM-N-ANI)
the-three the-tall.pl these the-engineer-pl the-former-pl
39. *t-tleeteh T-Tweel s-seeb?-iin haydol l-mhands-iin (Num-AI-ANI-DEM-N)
the-three the-tall.pl the-former-pl these the-engineer-pl
40. *t-tleeteh T-Tweel s-seeb?-iin l-mhands-iin haydol (Num-AI-ANI-N-DEM)
the-three the-tall.pl the-former-pl the-engineer-pl these
41. *t-tleeteh s-seeb?-iin l-mhands-iin haydol T-Tweel (Num-ANI-N-DEM-AI)
the-three the-former-pl the-engineer-pl these the-tall.pl
42. *t-tleeteh s-seeb?-iin l-mhands-iin T-Tweel haydol (Num-ANI-N-AI-DEM)
the-three the-former-pl the-engineer-pl the-tall.pl these
43. *t-tleeteh s-seeb?-iin haydol l-mhands-iin T-Tweel (Num-ANI-DEM-N-AI)
the-three the-former-pl these the-engineer-pl the-tall.pl

44. *t-tleeteh s-seeb?-iin haydol T-Tweel l-mhands-iin (NUM-ANI-DEM-ANI-N)
the-three the-former-pl these the-tall.pl the-engineer-pl
45. *t-tleeteh s-seeb?-iin T-Tweel l-mhands-iin haydol (NUM-ANI-AI-N-DEM)
the-three the-former-pl the-tall.pl the-engineer-pl these
46. *t-tleeteh s-seeb?-iin T-Tweel haydol l-mhands-iin (NUM-ANI-AI-DEM-N)
the-three the-former-pl the-tall.pl these the-engineer-pl
47. *T-Tweel haydol s-seeb?-iin l-mhands-iin t-tleeteh (AI-DEM-ANI-N-NUM)
the-tall.pl these the-former-pl the-engineer-pl the-three
48. *T-Tweel haydol s-seeb?-iin t-tlat mhands-iin (AI-DEM-ANI-NUM-N)
the-tall.pl these the-former-pl the-three engineer-pl
49. *T-Tweel haydol l-mhands-iin s-seeb?-iin t-tleeteh (AI-DEM-N-ANI-NUM)
the-tall.pl these the-engineer-pl the-former-pl the-three
50. *T-Tweel haydol l-mhands-iin t-tleeteh s-seeb?-iin (AI-DEM-N-NUM-ANI)
the-tall.pl these the-engineer-pl the-three the-former-pl
51. *T-Tweel haydol t-tleeteh s-seeb?-iin l-mhands-iin (AI-DEM-NUM-ANI-N)
the-tall.pl these the-three the-former-pl the-engineer-pl
52. *T-Tweel haydol t-tlat mhands-iin s-seeb?-iin (AI-DEM-NUM-N-ANI)
the-tall.pl these the-three engineer-pl the-former-pl
53. *T-Tweel t-tleeteh s-seeb?-iin haydol l-mhands-iin (AI-NUM-ANI-DEM-N)
the-tall.pl the-three the-former-pl these the-engineer-pl
54. *T-Tweel t-tleeteh s-seeb?-iin l-mhands-iin haydol (AI-NUM-ANI-N-DEM)
the-tall.pl the-three the-former-pl the-engineer-pl these
55. *T-Tweel t-tlat mhands-iin haydol s-seeb?-iin (AI-NUM-N-DEM-ANI)
the-tall.pl the-three the-engineer-pl these the-former-pl
56. *T-Tweel t-tlat mhands-iin s-seeb?-iin haydol (AI-NUM-N-ANI-DEM)
the-tall.pl the-three the-engineer-pl the-former-pl these
57. *T-Tweel t-tleeteh haydol l-mhands-iin s-seeb?-iin (AI-NUM-DEM-N-ANI)
the-tall.pl the-three these the-engineer-pl the-former-pl

58. *T-Tweel t-tleeteh haydol s-seeb?-iin l-mhands-iin (A_I-NUM-DEM-AN_I-N)
the-tall.pl the-three these the-former-pl the-engineer-pl
59. *T-Tweel s-seeb?-iin t-tlat mhands-iin haydol (A_I-AN_I-NUM-N-DEM)
the-tall.pl the-former-pl the-three the-engineer-pl these
60. *T-Tweel s-seeb?-iin t-tleeteh haydol l-mhands-iin (A_I-AN_I-NUM-DEM-N)
the-tall.pl the-former-pl the-three these the-engineer-pl
61. *T-Tweel s-seeb?-iin l-mhands-iin t-tleeteh haydol (A_I-AN_I-N-NUM-DEM)
the-tall.pl the-former-pl the-engineer-pl the-three these
62. *T-Tweel s-seeb?-iin l-mhands-iin haydol t-tleeteh (A_I-AN_I-N-DEM-NUM)
the-tall.pl the-former-pl the-engineer-pl these the-three
63. *T-Tweel s-seeb?-iin haydol t-tlat mhands-iin (A_I-AN_I-DEM-NUM-N)
the-tall.pl the-former-pl these the-three the-engineer-pl
64. *T-Tweel s-seeb?-iin haydol l-mhands-iin t-tleeteh (A_I-AN_I-DEM-N-NUM)
the-tall.pl the-former-pl these the-engineer-pl the-three
65. *T-Tweel l-mhands-iin t-tleeteh haydol s-seeb?-iin (A_I-N-NUM-DEM-AN_I)
the-tall.pl the-engineer-pl the-three these the-former-pl
66. *T-Tweel l-mhands-iin t-tleeteh s-seeb?-iin haydol (A_I-N-NUM-AN_I-DEM)
the-tall.pl the-engineer-pl the-three the-former-pl these
67. *T-Tweel l-mhands-iin s-seeb?-iin haydol t-tleeteh (A_I-N-AN_I-DEM-NUM)
the-tall.pl the-engineer-pl the-former-pl these the-three
68. *T-Tweel l-mhands-iin s-seeb?-iin t-tleeteh haydol (A_I-N-AN_I-NUM-DEM)
the-tall.pl the-engineer-pl the-former-pl the-three these
69. *T-Tweel l-mhands-iin haydol s-seeb?-iin t-tleeteh (A_I-N-DEM-AN_I-NUM)
the-tall.pl the-engineer-pl these the-former-pl the-three
70. *T-Tweel l-mhands-iin haydol t-tleeteh s-seeb?-iin (A_I-N-DEM-NUM-AN_I)
the-tall.pl the-engineer-pl these the-three the-former-pl
71. *s-seeb?-iin haydol t-tleeteh T-Tweel l-mhands-iin (AN_I-DEM-NUM-A_I-N)
the-former-pl these the-three the-tall.pl the-engineer-pl

72. *s-seeb?-iin haydol t-tlat mhands-iin T-Tweel (ANI-DEM-NUM-N-AI)
the-former-pl these the-three engineer-pl the-tall.pl
73. *s-seeb?-iin haydol T-Tweel t-tlat mhands-iin (ANI-DEM-AI-NUM-N)
the-former-pl these the-tall.pl he-three engineer-pl
74. *s-seeb?-iin haydol T-Tweel l-mhands-iin t-tleeteht (ANI-DEM-AI-N-NUM)
the-former-pl these the-tall.pl the-engineer-pl the-three
75. *s-seeb?-iin haydol l-mhands-iin t-tleeteht T-Tweel (ANI-DEM-N-NUM-AI)
the-former-pl these the-engineer-pl the-three the-tall.pl
76. *s-seeb?-iin haydol l-mhands-iin T-Tweel t-tleeteht (ANI-DEM-N-AI-NUM)
the-former-pl these the-engineer-pl the-tall.pl the-three
77. *s-seeb?-iin t-tleeteht haydol l-mhands-iin T-Tweel (ANI-NUM-DEM-N-AI)
the-former-pl the-three these the-engineer-pl the-tall.pl
78. *s-seeb?-iin t-tleeteht haydol T-Tweel l-mhands-iin (ANI-NUM-DEM-AI-N)
the-former-pl the-three these the-tall.pl the-engineer-pl
79. *s-seeb?-iin t-tleeteht T-Tweel l-mhands-iin haydol (ANI-NUM-AI-N-DEM)
the-former-pl the-three the-tall.pl the-engineer-pl these
80. *s-seeb?-iin t-tleeteht T-Tweel haydol l-mhands-iin (ANI-NUM-AI-DEM-N)
the-former-pl the-three the-tall.pl these the-engineer-pl
81. *s-seeb?-iin t-tlat mhands-iin T-Tweel haydol (ANI-NUM-N-AI-DEM)
the-former-pl the-three engineer-pl the-tall.pl these
82. *s-seeb?-iin t-tlat mhands-iin haydol T-Tweel (ANI-NUM-N-DEM-AI)
the-former-pl the-three engineer-pl these the-tall.pl
83. *s-seeb?-iin T-Tweel haydol t-tlat mhands-iin (ANI-AI-DEM-NUM-N)
the-former-pl the-tall.pl these the-three engineer-pl
84. *s-seeb?-iin T-Tweel haydol l-mhands-iin t-tleeteht (ANI-AI-DEM-N-NUM)
the-former-pl the-tall.pl these the-engineer-pl the-three
85. *s-seeb?-iin T-Tweel t-tleeteht haydol l-mhands-iin (ANI-AI-NUM-DEM-N)
the-former-pl the-tall.pl the-three these the-engineer-pl

86. *s-seeb?-iin T-Tweel t-tlat mhands-iin haydol (ANI-AI-NUM-N-DEM)
the-former-pl the-tall.pl the-three the-engineer-pl these
87. *s-seeb?-iin T-Tweel l-mhands-iin haydol t-tleeteh (ANI-AI-N-DEM-NUM)
the-former-pl the-tall.pl the-engineer-pl these the-three
88. *s-seeb?-iin T-Tweel l-mhands-iin t-tleeteh haydol (ANI-AI-N-NUM-DEM)
the-former-pl the-tall.pl the-engineer-pl the-three these
89. *s-seeb?-iin l-mhands-iin haydol T-Tweel t-tleeteh (ANI-N-DEM-AI-NUM)
the-former-pl the-engineer-pl these the-tall.pl the-three
90. *s-seeb?-iin l-mhands-iin haydol t-tleeteh T-Tweel (ANI-N-DEM-NUM-AI)
the-former-pl the-engineer-pl these the-three the-tall.pl
91. *s-seeb?-iin l-mhands-iin t-tleeteh T-Tweel haydol (ANI-N-NUM-AI-DEM)
the-former-pl the-engineer-pl the-three the-tall.pl these
92. *s-seeb?-iin l-mhands-iin t-tleeteh haydol T-Tweel (ANI-N-NUM-DEM-AI)
the-former-pl the-engineer-pl the-three these the-tall.pl
93. *s-seeb?-iin l-mhands-iin T-Tweel t-tleeteh haydol (ANI-N-AI-NUM-DEM)
the-former-pl the-engineer-pl the-tall.pl the-three these
94. *s-seeb?-iin l-mhands-iin T-Tweel haydol t-tleeteh (ANI-N-AI-DEM-NUM)
the-former-pl the-engineer-pl the-tall.pl these the-three

2.1.3. Nine orders with bad adjective ordering

95. ?haydol t-tlat mhands-iin T-Tweel s-seeb?-iin (DEM-NUM-N-AI-ANI)
these the-three engineer-pl the-tall.pl the-former-pl
96. ?haydol l-mhands-iin t-tleeteh T-Tweel s-seeb?-iin (DEM-N-NUM-AI-ANI)
These the-engineer-pl the-three the-tall.pl the-former-pl
97. ?haydol l-mhands-iin T-Tweel s-seeb?-iin t-tleeteh (DEM-N-AI-ANI-NUM)
these the-engineer-pl the-tall.pl the-former-pl the-three
98. ?t-tlat mhands-iin T-Tweel s-seeb?-iin haydol (NUM-N-AI-ANI-DEM)
the-three engineer-pl the-tall.pl the-former-pl these

99. ?l-mhands-iin haydol t-tleeteh T-Tweel s-seeb?-iin (N-DEM-NUM-AI-AI)
the-engineer-pl these the-three the-tall.pl the-former-pl
100. ?l-mhands-iin haydol T-Tweel s-seeb?-iin t-tleeteh (N-DEM-AI-AI-NUM)
the-engineer-pl these the-tall.pl the-former-pl the-three
101. ?l-mhands-iin t-tleeteh T-Tweel s-seeb?-iin haydol (N-NUM-AI-AI-DEM)
the-engineer-pl the-three the-tall.pl the-former-pl these
102. ?l-mhands-iin T-Tweel s-seeb?-iin haydol t-tleeteh (N-AI-AI-DEM-NUM)
the-engineer-pl the-tall.pl the-former-pl these the-three
103. ?l-mhands-iin T-Tweel s-seeb?-iin t-tleeteh haydol (N-AI-AI-NUM-DEM)
the-engineer-pl the-tall.pl the-former-pl the-three these

2.2. Seventeen grammatical orders

2.2.1. Fourteen grammatical orders derivable by Cinque (2005)

104. haydol t-tlat mhands-iin s-seeb?-iin T-Tweel (DEM-NUM-N-AI-AI)
These the-three engineer-pl the-former-pl the-tall.pl
105. haydol l-mhands-iin t-tleeteh s-seeb?-iin T-Tweel (DEM-N-NUM-AI-AI)
these the-engineer-pl the-three the-former-pl the-tall.pl
106. haydol l-mhands-iin s-seeb?-iin T-Tweel t-tleeteh (DEM-N-AI-AI-NUM)
These the-engineer-pl the-former-pl the-tall.pl the-three
107. haydol l-mhands-iin s-seeb?-iin t-tleeteh T-Tweel (DEM-N-AI-NUM-AI)
these the-engineer-pl the-former-pl the-three the-tall.pl
108. t-tlat mhands-iin s-seeb?-iin T-Tweel haydol (NUM-N-AI-AI-DEM)
the-three engineer-pl the-former-pl the-tall.pl these
109. l-mhands-iin haydol s-seeb?-iin t-tleeteh T-Tweel (N-DEM-AI-NUM-AI)
the-engineer-pl these the-former-pl the-three the-tall.pl
110. l-mhands-iin haydol s-seeb?-iin T-Tweel t-tleeteh (N-DEM-AI-AI-NUM)
the-engineer-pl these the-former-pl the-tall.pl the-three

111. I-mhands-iin haydol t-tleeteh s-seeb?-iin T-Tweel (N-DEM-NUM-ANI-AI)
the-engineer-pl these the-three the-former-pl the-tall.pl
112. I-mhands-iin t-tleeteh s-seeb?-iin T-Twee haydol (N-NUM-ANI-AI-DEM)
the-engineer-pl the-three the-former-pl the-tall.pl these
113. I-mhands-iin s-seeb?-iin T-Tweel t-tleeteh haydol (N-ANI-AI-NUM-DEM)
the-engineer-pl the-former-pl the-tall.pl the-three these
114. I-mhands-iin s-seeb?-iin T-Tweel haydol t-tleeteh (N-ANI-AI-DEM-NUM)
the-engineer-pl the-former-pl the-tall.pl these the-three
115. I-mhands-iin s-seeb?-iin haydol t-tleeteh T-Tweel (N-ANI-DEM-NUM-AI)
the-engineer-pl the-former-pl these the-three the-tall.pl
116. I-mhands-iin s-seeb?-iin haydol T-Tweel t-tleeteh (N-ANI-DEM-AI-NUM)
the-engineer-pl the-former-pl these the-tall.pl the-three
117. I-mhands-iin s-seeb?-iin t-tleeteh T-Tweel haydol (N-ANI-NUM-AI-DEM)
the-engineer-pl the-former-pl the-three the-tall.pl these

2.2.1. Three grammatical orders that would be ruled out Cinque's constraint

120. ^{ok}t-tlat mhandsiin s-seeb?-iin haydol T-Tweel (NUM-N-ANI-DEM-AI)
the-three engineers the-former-pl these the-tall
121. ^{ok/?}I-mhandsiin t-tleeteh s-seeb?-iin haydol T-Tweel (N-NUM-ANI-DEM-AI)
the- engineers the-three the-former-pl these the-tall
122. ^{ok}I-mhandsiin s-seeb?-iin t-tleeteh haydol T-Tweel (N-ANI-NUM-DEM-AI)
engineers the-former-pl the-three these the-tall

The same orders are acceptable even if the second adjective is non-intersective. This is shown below using the very low non-intersective adjective *madani* 'civil', and the non-intersective adjective *seebe* 'former'.

- 120'. ^{ok}t-tlat mhandsiin I-madaniy-iin haydol s-seeb?-iin (NUM-N-ANI-DEM-ANI)
the-three engineers the-civil-pl these the-former-pl
- 121'. ^{ok/?}I-mhandsiin t-tleeteh I-madaniy-iin haydol s-seeb?-iin (N-NUM-ANI-DEM-ANI)
the- engineers the-three the-civil-pl I these the-former-pl

122'.^{ok} l-mhandsiin l-madaniy-iin t-tleeteh haydol s-seeb?-iin (N-ANI-NUM-DEM-ANI)
engineers the-civil-pl the-three these the-former-pl

These are the orders that are addressed in the Linguistic Inquiry squib.