

# Wavelength isolation sequence design: supplementary data

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This technical report accompanies the paper [1]. It gives a complete listing of the inequivalent nontrivial wavelength isolation sequence triples (WISTs) of length at most 26 and their corresponding aperiodic crosscorrelations.

## References

- [1] J. Jedwab and M. Strange. Wavelength isolation sequence design. Submitted to *IEEE Trans. Inform. Theory*, 2012.

Inequivalent nontrivial WISTs of length 3

WIST sequences

A	1	1	0
B	0	1	0
C	1	0	1

WIST correlations

C_{AA}	2	1	0
C_{BC}	1	0	
C_{CB}	1	0	

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Inequivalent nontrivial WISTs of length 4

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Inequivalent nontrivial WISTs of length 5

WIST sequences

A	1	0	1	0	0
B	0	0	1	0	0
C	1	0	0	0	1

WIST correlations

C_{AA}	2	0	1	0	0
C_{BC}	0	1	0	0	
C_{CB}	0	1	0	0	

WIST sequences

A	1	0	1	1	0
B	0	1	1	1	0
C	1	0	0	0	1

WIST correlations

C_{AA}	3	1	1	1	0
C_{BC}	1	1	1	0	
C_{CB}	1	1	1	0	

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Inequivalent nontrivial WISTs of length 6

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Inequivalent nontrivial WISTs of length 7

WIST sequences

A	1	0	0	1	0	0	0
B	0	0	0	1	0	0	0
C	1	0	0	0	0	0	1

WIST correlations

C_{AA}	2	0	0	1	0	0	0
C_{BC}	0	0	1	0	0	0	
C_{CB}	0	0	1	0	0	0	

WIST sequences

A	1	0	1	1	0	0	0
B	0	0	0	1	0	0	0
C	1	1	1	0	1	1	1

WIST correlations

C_{AA}	3	1	1	1	0	0	0
C_{BC}	1	1	1	0	0	0	0
C_{CB}	1	1	1	0	0	0	0

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Inequivalent nontrivial WISTs of length 8

WIST sequences

A	1	0	1	0	0	1	1	0
B	0	1	1	1	1	1	1	0
C	1	0	0	0	0	0	0	1

WIST correlations

C_{AA}	4	1	1	1	1	1	1	0
C_{BC}	1	1	1	1	1	1	1	0
C_{CB}	1	1	1	1	1	1	1	0

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Inequivalent nontrivial WISTs of length 9

WIST sequences

A	1	0	0	0	1	0	0	0	0
B	0	0	0	0	1	0	0	0	0
C	1	0	0	0	0	0	0	0	1

WIST correlations

C_{AA}	2	0	0	0	1	0	0	0	0
C_{BC}	0	0	0	1	0	0	0	0	0
C_{CB}	0	0	0	1	0	0	0	0	0

WIST sequences

A	1	0	0	0	1	0	1	0	0
B	0	0	1	0	1	0	1	0	0
C	1	0	0	0	0	0	0	0	1

WIST correlations

C_{AA}	3	0	1	0	1	0	1	0	0
C_{BC}	0	1	0	1	0	1	0	0	0
C_{CB}	0	1	0	1	0	1	0	0	0

WIST sequences

A	1	0	0	1	1	0	0	0	0
B	0	0	0	0	1	0	0	0	0
C	1	1	0	1	0	1	0	1	1

WIST correlations

C_{AA}	3	1	0	1	1	0	0	0	0
C_{BC}	1	0	1	1	0	0	0	0	0
C_{CB}	1	0	1	1	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	1	1	0	0
B	0	0	1	0	1	0	1	0	0
C	1	1	0	0	0	0	0	1	1

WIST correlations

C_{AA}	4	1	1	1	1	1	1	0	0
C_{BC}	1	1	1	1	1	1	1	0	0
C_{CB}	1	1	1	1	1	1	1	0	0

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Inequivalent nontrivial WISTs of length 10

WIST sequences

A	1	0	1	0	1	1	0	0	0	0
B	0	0	0	0	1	1	0	0	0	0
C	1	0	1	1	0	0	1	1	0	1

WIST correlations

C_{AA}	4	1	2	1	1	1	0	0	0	0
C_{BC}	1	2	1	1	1	1	0	0	0	0
C_{CB}	1	2	1	1	1	1	0	0	0	0

WIST sequences

A	1	0	1	0	0	1	1	0	0	0
B	0	0	0	1	0	0	1	0	0	0
C	1	1	1	0	0	0	0	1	1	1

WIST correlations

C_{AA}	4	1	1	1	1	1	1	0	0	0
C_{BC}	1	1	1	1	1	1	1	0	0	0
C_{CB}	1	1	1	1	1	1	1	0	0	0

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Inequivalent nontrivial WISTs of length 11

WIST sequences

A	1	0	0	0	0	1	0	0	0	0	0
B	0	0	0	0	0	1	0	0	0	0	0
C	1	0	0	0	0	0	0	0	0	0	1

WIST correlations

C_{AA}	2	0	0	0	0	1	0	0	0	0	0
C_{BC}	0	0	0	0	0	1	0	0	0	0	0
C_{CB}	0	0	0	0	0	1	0	0	0	0	0

WIST sequences

A	1	0	0	0	1	0	1	1	0	0	0
B	0	0	0	1	1	0	1	1	0	0	0
C	1	0	0	0	0	1	0	0	0	0	1

WIST correlations

C_{AA}	4	1	1	1	1	0	1	1	0	0	0
C_{BC}	1	1	1	1	0	1	1	1	0	0	0
C_{CB}	1	1	1	1	0	1	1	1	0	0	0

WIST sequences

A 1 0 0 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 1 0 0 0 0 0  
C 1 0 1 1 0 0 0 1 1 0 1

WIST correlations

C\_{AA} 3 0 1 1 0 1 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 1 1 0 0 0 0  
B 0 0 0 0 1 1 1 0 0 0 0  
C 1 0 0 1 0 0 0 1 0 0 1

WIST correlations

C\_{AA} 4 1 1 1 1 1 1 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 1 0 0 0 0 0  
B 0 0 0 0 0 1 0 0 0 0 0  
C 1 1 0 0 1 0 1 0 0 1 1

WIST correlations

C\_{AA} 3 1 0 0 1 1 0 0 0 0 0  
C\_{BC} 1 0 0 1 1 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 1 1 1 0 0  
B 0 0 1 0 1 0 1 0 1 0 0  
C 1 1 0 0 0 1 0 0 0 1 1

WIST correlations

C\_{AA} 5 2 1 2 1 1 1 1 1 0 0  
C\_{BC} 2 1 2 1 1 1 1 1 0 0 0  
C\_{CB} 2 1 2 1 1 1 1 1 0 0 0

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Inequivalent nontrivial WISTs of length 12

WIST sequences

A 1 0 1 0 0 1 1 0 0 0 0 0  
B 0 0 0 0 0 1 1 0 0 0 0 0  
C 1 0 1 0 1 0 0 1 0 1 0 1

WIST correlations

C\_{AA} 4 1 1 1 1 1 1 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 0 0 0 0 0 0

WIST sequences

A	1	0	0	0	1	0	1	1	0	0	0	0
B	0	0	0	0	1	0	0	1	0	0	0	0
C	1	1	0	0	0	1	1	0	0	0	1	1

WIST correlations

C_{AA}	4	1	1	1	1	0	1	1	0	0	0	0
C_{BC}	1	1	1	1	0	1	1	0	0	0	0	0
C_{CB}	1	1	1	1	0	1	1	0	0	0	0	0

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Inequivalent nontrivial WISTs of length 13

WIST sequences

A	1	0	0	0	0	0	1	0	0	0	0	0	0
B	0	0	0	0	0	0	1	0	0	0	0	0	0
C	1	0	0	0	0	0	0	0	0	0	0	0	1

WIST correlations

C_{AA}	2	0	0	0	0	0	1	0	0	0	0	0	0
C_{BC}	0	0	0	0	0	0	1	0	0	0	0	0	0
C_{CB}	0	0	0	0	0	0	1	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	1	1	0	1	0	0	0	0	0
B	0	0	0	0	0	1	0	1	0	0	0	0	0
C	1	0	0	1	1	0	0	0	1	1	0	0	1

WIST correlations

C_{AA}	4	1	1	1	1	1	0	1	0	0	0	0	0
C_{BC}	1	1	1	1	1	0	1	0	0	0	0	0	0
C_{CB}	1	1	1	1	1	0	1	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	1	0	0	1	0	0	0
B	0	0	0	1	0	0	1	0	0	1	0	0	0
C	1	0	0	0	0	0	0	0	0	0	0	0	1

WIST correlations

C_{AA}	3	0	0	1	0	0	1	0	0	1	0	0	0
C_{BC}	0	0	1	0	0	0	1	0	0	1	0	0	0
C_{CB}	0	0	1	0	0	0	1	0	0	1	0	0	0

WIST sequences

A	1	0	0	0	1	0	1	0	0	0	0	0	0
B	0	0	0	0	0	0	1	0	0	0	0	0	0
C	1	0	1	0	1	0	0	0	1	0	1	0	1

WIST correlations

C_{AA}	3	0	1	0	1	0	1	0	0	0	0	0	0
C_{BC}	0	1	0	1	0	1	0	0	0	0	0	0	0
C_{CB}	0	1	0	1	0	1	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	1	1	0	0	0	0	0	0
B	0	0	0	0	0	0	1	0	0	0	0	0	0

C 1 1 0 0 0 1 0 1 0 0 0 1 1  
WIST correlations  
C\_{AA} 3 1 0 0 0 1 1 0 0 0 0 0 0  
C\_{BC} 1 0 0 0 1 1 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 0 1 1 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 1 0 0 0 1 1 0 0 0 0  
B 0 0 0 0 1 0 0 0 1 0 0 0 0  
C 1 1 0 1 0 0 0 0 0 1 0 1 1  
WIST correlations  
C\_{AA} 4 1 0 1 1 1 0 1 1 0 0 0 0  
C\_{BC} 1 0 1 1 1 0 1 1 0 0 0 0 0  
C\_{CB} 1 0 1 1 1 0 1 1 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 1 0 1 1 1 0 0 0  
B 0 0 0 1 0 0 0 0 0 1 0 0 0  
C 1 1 1 0 1 1 0 1 1 0 1 1 1  
WIST correlations  
C\_{AA} 5 2 2 1 1 1 0 1 1 1 0 0 0  
C\_{BC} 2 2 1 1 1 0 1 1 1 0 0 0 0  
C\_{CB} 2 2 1 1 1 0 1 1 1 0 0 0 0

WIST sequences  
A 1 0 0 1 0 0 1 1 1 0 0 0 0  
B 0 0 0 0 1 0 0 0 1 0 0 0 0  
C 1 1 1 1 0 1 0 1 0 1 1 1 1  
WIST correlations  
C\_{AA} 5 2 1 2 1 1 1 1 1 0 0 0 0  
C\_{BC} 2 1 2 1 1 1 1 1 1 0 0 0 0  
C\_{CB} 2 1 2 1 1 1 1 1 1 0 0 0 0

WIST sequences  
A 1 0 1 0 0 1 0 0 1 1 0 0 0  
B 0 0 0 1 0 1 0 1 0 1 0 0 0  
C 1 1 0 0 0 0 1 0 0 0 0 1 1  
WIST correlations  
C\_{AA} 5 1 1 2 1 1 1 1 1 1 0 0 0  
C\_{BC} 1 1 2 1 1 1 1 1 1 1 0 0 0  
C\_{CB} 1 1 2 1 1 1 1 1 1 1 0 0 0

WIST sequences  
A 1 0 1 0 0 1 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 1 1 1 1 1 0 1 1 1 1 1 1  
WIST correlations  
C\_{AA} 4 1 1 1 1 1 1 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 0 0 1 0 0 1 1 0  
 B 0 1 1 1 1 1 0 1 1 1 1 1 0  
 C 1 0 0 0 0 0 0 0 0 0 0 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 0 1 1 1 1 1 0  
 C\_{BC} 1 1 1 1 1 0 1 1 1 1 1 1 0  
 C\_{CB} 1 1 1 1 1 0 1 1 1 1 1 1 0

Inequivalent nontrivial WISTs of length 14

WIST sequences

A 1 0 0 0 1 0 1 1 0 0 0 0 0 0  
 B 0 0 0 0 0 0 1 1 0 0 0 0 0 0  
 C 1 0 0 1 0 1 0 0 1 0 1 0 0 1

WIST correlations

C\_{AA} 4 1 1 1 1 0 1 1 0 0 0 0 0 0  
 C\_{BC} 1 1 1 1 0 1 1 0 0 0 0 0 0 0  
 C\_{CB} 1 1 1 1 0 1 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 1 0 1 0 0 0 0 0  
 B 0 0 0 0 0 1 0 0 1 0 0 0 0 0  
 C 1 0 1 0 0 0 1 1 0 0 0 1 0 1

WIST correlations

C\_{AA} 4 1 1 1 0 1 1 0 1 0 0 0 0 0  
 C\_{BC} 1 1 1 0 1 1 0 1 0 0 0 0 0 0  
 C\_{CB} 1 1 1 0 1 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 0 1 1 0 0 0 0 0 0  
 B 0 0 0 0 0 0 1 1 0 0 0 0 0 0  
 C 1 0 1 0 0 1 0 0 1 0 0 1 0 1

WIST correlations

C\_{AA} 4 1 1 0 1 1 1 1 0 0 0 0 0 0  
 C\_{BC} 1 1 0 1 1 1 1 0 0 0 0 0 0 0  
 C\_{CB} 1 1 0 1 1 1 1 0 0 0 0 0 0 0

Inequivalent nontrivial WISTs of length 15

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 0 0 0  
 C 1 0 0 0 0 0 0 0 0 0 0 0 0 1

WIST correlations

C\_{AA} 2 0 0 0 0 0 0 1 0 0 0 0 0 0  
 C\_{BC} 0 0 0 0 0 0 0 1 0 0 0 0 0 0



C\_{CB} 0 0 0 0 0 0 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 0 0 1 1 0 0 0 0 1 1 0 0 1

WIST correlations

C\_{AA} 3 0 0 1 1 0 0 1 0 0 0 0 0 0  
C\_{BC} 0 0 1 1 0 0 1 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 1 0 0 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 0 1 0 0 1 0 0 0 1 0 0 1 0

WIST correlations

C\_{AA} 3 0 1 0 0 1 0 1 0 0 0 0 0 0  
C\_{BC} 0 1 0 0 1 0 1 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 1 0 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 1 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 0 1 1 1 1 1 0 1 1 1 1 1 0

WIST correlations

C\_{AA} 4 1 1 1 1 1 0 1 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 0 1 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 0 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 1 0  
B 0 0 1 0 1 0 1 0 1 0 1 0 1 0  
C 1 0 0 0 0 0 0 0 0 0 0 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 1 0  
C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 1 0 0  
C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 1 0 0

WIST sequences

A 1 0 1 0 0 0 0 1 0 0 1 1 0 0  
B 0 0 0 1 1 0 0 1 0 0 1 1 0 0  
C 1 0 1 0 0 0 0 0 0 0 0 0 1 0

WIST correlations

C\_{AA} 5 1 1 1 1 1 0 1 1 1 1 1 0 0  
C\_{BC} 1 1 1 1 1 0 1 1 1 1 1 1 0 0  
C\_{CB} 1 1 1 1 1 0 1 1 1 1 1 1 0 0

WIST sequences

A 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
 C 1 1 0 0 0 0 1 0 1 0 0 0 0 1 1  
 WIST correlations  
 C\_{AA} 3 1 0 0 0 0 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
 C\_{CB} 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0  
 B 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0  
 C 1 1 0 0 0 0 1 0 1 0 0 0 0 1 1  
 WIST correlations  
 C\_{AA} 4 1 0 1 1 1 0 0 1 1 0 0 0 0 0  
 C\_{BC} 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0  
 C\_{CB} 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
 C 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1  
 WIST correlations  
 C\_{AA} 4 1 1 1 1 0 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0  
 C\_{CB} 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 1 0 0 0 1 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
 C 1 1 1 1 0 1 1 0 1 1 0 1 1 1 1  
 WIST correlations  
 C\_{AA} 4 1 1 0 1 1 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0  
 C\_{CB} 1 1 0 1 1 1 1 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 1 0 0 1 0 0 1 1 0 0 0 0 0  
 B 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0  
 C 1 1 1 1 0 0 1 0 1 0 0 1 1 1 1  
 WIST correlations  
 C\_{AA} 5 1 1 2 1 1 1 1 1 0 0 0 0 0 0  
 C\_{BC} 1 1 2 1 1 1 1 1 1 0 0 0 0 0 0  
 C\_{CB} 1 1 2 1 1 1 1 1 1 0 0 0 0 0 0

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Inequivalent nontrivial WISTs of length 16

WIST sequences  
 A 1 0 0 1 0 0 0 0 1 0 1 0 0 0 0  
 B 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0

C 1 0 1 1 0 0 0 0 0 0 0 0 1 1 0 1  
WIST correlations  
C\_{AA} 4 0 1 1 0 1 0 1 1 0 1 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 0 1 1 0 1 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 0 1 1 0 1 0 0 0 0 0 0

WIST sequences  
A 1 0 1 0 0 0 0 1 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
C 1 0 1 0 0 0 1 0 0 1 0 0 0 1 0 1  
WIST correlations  
C\_{AA} 4 1 1 0 0 1 1 1 1 0 0 0 0 0 0 0  
C\_{BC} 1 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 0 0 1 1 1 1 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 1 0 0 0 0 1 1 0 0 0 0 0  
B 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0  
C 1 1 0 0 1 0 0 0 0 0 0 1 0 0 1 1  
WIST correlations  
C\_{AA} 4 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0  
C\_{BC} 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0

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Inequivalent nontrivial WISTs of length 17

WIST sequences  
A 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1  
WIST correlations  
C\_{AA} 2 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C\_{CB} 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0  
B 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0  
C 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1  
WIST correlations  
C\_{AA} 3 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0  
C\_{BC} 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0  
C\_{CB} 0 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0

WIST sequences  
A 1 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0  
C 1 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0  
WIST correlations



WIST sequences

A	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
C	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	0

WIST correlations

C_{AA}	4	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0
C_{BC}	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
C	1	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1

WIST correlations

C_{AA}	3	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
C_{BC}	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
C_{CB}	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
C	1	1	0	1	0	1	1	1	0	1	1	1	0	1	0	1

WIST correlations

C_{AA}	4	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0
C_{BC}	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
C	1	1	0	1	1	1	0	1	0	1	0	1	1	1	0	1

WIST correlations

C_{AA}	4	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0
C_{BC}	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
C	1	1	0	0	1	1	1	0	0	0	1	1	1	0	0	1

WIST correlations

C_{AA}	5	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0
C_{BC}	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0
C_{CB}	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
C	1	1	1	1	0	0	1	1	0	1	1	0	0	1	1	1

WIST correlations

C_{AA}	4	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0
C_{BC}		1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0
C_{CB}		1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0
B	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
C	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1

WIST correlations

C_{AA}	5	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0
C_{BC}		1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0
C_{CB}		1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0

Inequivalent nontrivial WISTs of length 18

WIST sequences

A	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
B	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
C	1	0	0	0	1	0	1	0	0	0	0	1	0	1	0	0	1

WIST correlations

C_{AA}	4	1	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0
C_{BC}		1	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0
C_{CB}		1	0	1	1	0	1	1	0	0	1	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
C	1	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	1

WIST correlations

C_{AA}	4	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0
C_{BC}		1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0
C_{CB}		1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0
B	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
C	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1

WIST correlations

C_{AA}	4	1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0
C_{BC}		1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0
C_{CB}		1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0

Inequivalent nontrivial WISTs of length 19

WIST sequences

A	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0

C 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1  
WIST correlations  
C\_{AA} 2 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 1  
WIST correlations  
C\_{AA} 3 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 0 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 0 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 0 1 0 0 0 0 0 1 0 1 0 0 0 1  
WIST correlations  
C\_{AA} 4 0 1 0 2 0 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 2 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 2 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 0 0 1 0 1 0 0 0 0 1 0 0 1  
WIST correlations  
C\_{AA} 4 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 1 0 0 0 0 0 1 0 0 1 0 0 1  
WIST correlations  
C\_{AA} 3 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 1 1 1 0 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 0 1 0 1 1 0 1 0 1 0 1 1 0 1 0 0 1  
WIST correlations  
C\_{AA} 5 2 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0  
C\_{BC} 2 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 2 1 1 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 1 1 0 1 0 1 0 1 1 1 1 0 0 1

WIST correlations

C\_{AA} 4 1 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 1 1 1 0 0 0 1 1 1 1 1 0 0 1

WIST correlations

C\_{AA} 4 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 0 1 1 0 0 0 1 0 0 0  
B 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0  
C 1 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 0 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 0 1 1 0 1 1 0 0 0 1 0 0 0  
C\_{BC} 1 1 1 1 1 0 1 1 0 1 1 0 0 0 1 0 0 0 0  
C\_{CB} 1 1 1 1 1 0 1 1 0 1 1 0 0 0 1 0 0 0 0

WIST sequences

A 1 0 0 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 1 1 0 0 0 1 1 0 1 1 0 0 1

WIST correlations

C\_{AA} 5 1 1 1 2 1 1 1 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 2 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 2 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 3 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0



B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0  
 C 1 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0 1 0 1  
 WIST correlations  
 C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0  
 C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0  
 C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
 C 1 0 1 0 1 1 1 1 0 0 0 1 1 1 1 0 1 0 1  
 WIST correlations  
 C\_{AA} 4 0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0  
 C\_{BC} 0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
 C 1 0 1 1 0 0 1 1 1 0 1 1 1 0 0 1 1 0 1  
 WIST correlations  
 C\_{AA} 4 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
 C\_{BC} 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 1 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 1 0 0 0 0 0 1 1 0 1 0 0 0 0 0  
 B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0  
 C 1 0 1 1 1 0 0 1 0 0 0 1 0 0 1 1 1 0 1  
 WIST correlations  
 C\_{AA} 5 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0  
 C\_{BC} 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0  
 C\_{CB} 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
 C 1 0 1 1 0 1 1 1 0 0 0 1 1 1 0 1 1 0 1  
 WIST correlations  
 C\_{AA} 4 0 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
 C\_{BC} 0 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 1 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0  
 C 1 0 1 1 0 1 0 0 1 0 1 0 0 1 0 1 1 0 1  
 WIST correlations  
 C\_{AA} 5 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0  
 C\_{BC} 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0

C\_{CB} 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 0 1 1 1 1 0 0 0 0 0 0 0 1 1 1 1 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 0 1 1 1 1 1 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0  
C 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 1 1

WIST correlations

C\_{AA} 3 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 1 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0  
C\_{BC} 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 1 1 0 1 0 1 0 1 1 1 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
 C 1 1 0 1 0 0 1 1 1 0 1 1 1 0 0 1 0 1  
 WIST correlations  
 C\_{AA} 4 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0  
 C\_{CB} 1 1 1 0 0 1 0 1 1 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 0 0 1 0 0 0 1 0 1 1 0 0 0 0 0  
 B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0  
 C 1 1 0 1 0 1 0 0 1 0 1 0 0 1 0 1 0 1  
 WIST correlations  
 C\_{AA} 5 1 1 1 1 1 1 1 0 1 0 1 1 0 0 0 0  
 C\_{BC} 1 1 1 1 1 1 1 0 1 0 1 1 0 0 0 0 0  
 C\_{CB} 1 1 1 1 1 1 1 0 1 0 1 1 0 0 0 0 0

WIST sequences  
 A 1 0 0 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0  
 C 1 1 0 1 1 0 1 0 1 0 1 0 1 0 1 1 0 1  
 WIST correlations  
 C\_{AA} 4 1 0 1 0 1 1 0 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 0 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0  
 C\_{CB} 1 0 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0

WIST sequences  
 A 1 0 0 1 0 1 0 0 0 0 0 1 1 0 0 0 0 0  
 B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0  
 C 1 1 0 1 1 1 0 0 0 0 0 0 0 1 1 1 0 1  
 WIST correlations  
 C\_{AA} 5 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0  
 C\_{BC} 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0  
 C\_{CB} 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0

WIST sequences  
 A 1 0 0 1 0 1 0 0 0 1 1 1 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0  
 C 1 1 1 1 0 1 1 0 1 1 1 0 1 1 0 1 1 1  
 WIST correlations  
 C\_{AA} 6 2 2 1 1 2 2 1 1 1 1 1 0 0 0 0 0  
 C\_{BC} 2 2 1 1 2 2 1 1 1 1 1 0 0 0 0 0 0  
 C\_{CB} 2 2 1 1 2 2 1 1 1 1 1 0 0 0 0 0 0

WIST sequences  
 A 1 0 1 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0  
 C 1 1 0 0 1 0 1 1 0 0 0 1 1 0 1 0 0 1  
 WIST correlations  
 C\_{AA} 5 1 1 1 2 0 1 1 1 1 1 0 0 0 0 0 0

C_{BC}	1	1	1	2	0	1	1	1	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	2	0	1	1	1	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	1	1	1	1	0	0	0	1	1	0	1	1	0	0	0	1	1	1

WIST correlations

C_{AA}	4	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
C_{BC}	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
C_{CB}	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0
B	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
C	1	1	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1

WIST correlations

C_{AA}	6	2	2	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0
C_{BC}	2	2	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0
C_{CB}	2	2	1	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0

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Inequivalent nontrivial WISTs of length 20

WIST sequences

A	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
C	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0

WIST correlations

C_{AA}	4	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0
C_{BC}	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0
C_{CB}	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0
B	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
C	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0

WIST correlations

C_{AA}	4	0	1	1	0	1	0	1	0	0	1	0	1	0	0	0	0	0
C_{BC}	0	1	1	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0
C_{CB}	0	1	1	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
C	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0

WIST correlations

C_{AA}	4	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
C_{BC}	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0



WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0 0 0  
C 1 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 0 0 1 0 0 0 0 1 0 0 1 0 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 1

WIST correlations

C\_{AA} 3 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 1 1 1 0 0 0 1 1 1 0 0 1 0 1

WIST correlations

C\_{AA} 5 1 1 2 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 2 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 2 1 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 1 1 0 1 0 1 0 1 1 0 1 1 0 1

WIST correlations

C\_{AA} 4 1 0 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0  
C 1 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 1

## WIST correlations

C_{AA}	5	0	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
C_{BC}	0	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0
C_{CB}	0	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0

## WIST sequences

A	1	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
C	1	0	0	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	0	0	1

## WIST correlations

C_{AA}	5	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
C_{BC}	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0

## WIST sequences

A	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
C	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1

## WIST correlations

C_{AA}	3	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
C_{BC}	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
C_{CB}	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0

## WIST sequences

A	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0
B	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0
C	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1

## WIST correlations

C_{AA}	5	0	2	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	0
C_{BC}	0	2	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0
C_{CB}	0	2	0	1	0	2	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0

## WIST sequences

A	1	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
C	1	0	1	1	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	0	1

## WIST correlations

C_{AA}	4	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
C_{BC}	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0

## WIST sequences

A	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0
B	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
C	1	0	1	1	0	0	0	1	0	1	0	1	0	1	0	0	0	1	1	0	1

## WIST correlations

C_{AA}	5	1	1	1	1	1	0	1	0	1	0	0	0	1	1	0	1	0	0	0	0
C_{BC}	1	1	1	1	1	0	1	0	1	0	0	0	1	1	0	1	0	0	0	0	0
C_{CB}	1	1	1	1	1	0	1	0	1	0	0	0	1	1	0	1	0	0	0	0	0

WIST sequences

A	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	1	0	1	1	0	1	0	1	1	0	0	0	1	1	0	1	0	1	1

WIST correlations

C_{AA}	4	0	1	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0
C_{BC}	0	1	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
C_{CB}	0	1	1	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	1	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0
B	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	1	0	0	0
C	1	0	1	1	1	0	1	0	0	1	0	1	0	0	1	0	1	1	1

WIST correlations

C_{AA}	9	4	3	3	4	3	3	2	2	3	2	2	2	2	0	1	0	0	0
C_{BC}	4	3	3	4	3	3	2	2	3	2	2	2	2	2	0	1	0	0	0
C_{CB}	4	3	3	4	3	3	2	2	3	2	2	2	2	2	0	1	0	0	0

WIST sequences

A	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
C	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1

WIST correlations

C_{AA}	3	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
C_{BC}	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0
B	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
C	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1

WIST correlations

C_{AA}	4	1	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0
C_{BC}	1	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0
C_{CB}	1	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0
B	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
C	1	1	0	0	1	0	0	0	1	1	0	1	1	0	0	0	1	0	1

WIST correlations

C_{AA}	5	1	1	1	1	1	1	1	0	1	0	0	1	1	0	0	0	0	0
C_{BC}	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	0	0	0	0
C_{CB}	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	0	0	0	0

WIST sequences

A	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0



C 1 1 0 0 1 0 1 1 0 1 0 1 0 1 1 0 1 0 0 1 1  
WIST correlations  
C\_{AA} 4 1 0 1 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 1 1 0 0 1 0 1 0 0 1 1 1 0 0 1 1  
WIST correlations  
C\_{AA} 4 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 0 0 0 1 1 1 0 1 1 1 0 0 0 1 0 1 1  
WIST correlations  
C\_{AA} 4 1 1 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 1 0 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 1 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0 1 1  
WIST correlations  
C\_{AA} 5 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 1 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 1 0 0 1 0 1 0 1 0 1 0 0 1 1 0 1 1  
WIST correlations  
C\_{AA} 4 1 0 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 1 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 1 0 1 1 0 0 0 1 0 0 0 1 0 0 0 1 1 0 1 1  
WIST correlations  
C\_{AA} 5 1 0 1 1 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 1 1 1 0 1 1 0 1 1 0 0 0 0 0 0 0 0

WIST sequences

A	1	0	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
C	1	1	0	0	1	0	0	1	1	0	0	0	1	1	0	0	1	0	0	1

WIST correlations

C_{AA}	5	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0
C_{BC}	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0
C_{CB}	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	1	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0
B	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	1	0	0	0	0
C	1	1	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1

WIST correlations

C_{AA}	7	2	2	1	1	2	2	3	1	1	0	1	2	1	1	1	0	0	0	0
C_{BC}	2	2	1	1	2	2	3	1	1	0	1	2	1	1	1	1	0	0	0	0
C_{CB}	2	2	1	1	2	2	3	1	1	0	1	2	1	1	1	1	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
C	1	1	1	1	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1

WIST correlations

C_{AA}	4	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
C_{BC}	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
C_{CB}	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0

WIST sequences

A	1	0	1	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0
B	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
C	1	1	1	1	1	0	0	1	0	1	0	1	0	1	0	0	1	1	1	1

WIST correlations

C_{AA}	7	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	0	0	0	0
C_{BC}	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	0	0	0	0
C_{CB}	2	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	0	0	0	0

WIST sequences

A	1	1	0	0	1	0	1	0	1	0	0	1	0	1	1	1	0	0	0	0
B	0	0	0	0	0	1	1	0	0	1	0	1	0	0	1	1	0	0	0	0
C	1	1	1	0	1	0	0	1	1	0	0	0	1	1	0	0	1	0	1	1

WIST correlations

C_{AA}	9	3	4	3	3	3	2	4	2	2	2	2	2	1	2	2	1	0	0	0
C_{BC}	3	4	3	3	3	2	4	2	2	2	2	2	1	2	2	1	0	0	0	0
C_{CB}	3	4	3	3	3	2	4	2	2	2	2	2	1	2	2	1	0	0	0	0

WIST sequences

A 1 0 0 0 0 0 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1 0 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1

WIST correlations

C\_{AA} 4 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 1 0 0 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0  
B 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0  
C 1 0 1

WIST correlations

C\_{AA} 4 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0  
C\_{BC} 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0  
C\_{CB} 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 4 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1



C\_{BC} 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 1 1 1 0 0 1 0 1 0 0 1 1 1 1 0 0 1

WIST correlations

C\_{AA} 4 1 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 1 1 1 0 1 0 0 0 1 0 1 1 1 1 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 0 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 3 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 1 1 0 1 1 0 0 0 1 1 0 1 1 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 0 1 1 0 1 0 1 0 1 1 0 0 1 1 0 0 1

WIST correlations

C\_{AA} 4 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 0 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 3 0 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 0 0 0 1 1 0 1 1 0 0 0 1 0 0 1 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 1 0 1 1 0 0 0 1 1 0 1 1 0 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 1 1 0 1 0 0 0 1 0 1 1 1 0 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 0 1 1 0 0 0 0 1 1 0 1 0 0 1 0 1

WIST correlations

C\_{AA} 5 1 1 0 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 0 1 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 0 1 1 1 1 1 1 1 0 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 1 0 1 1 0 1 0 0 0 1 0 1 1 0 1 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 0 0 0 0 1 1 1 0 1 1 1 0 0 0 0 1 1 0 1

WIST correlations

C\_{AA} 4 1 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 0 1 0 0 1 1 0 0 0 1 1 0 0 1 0 1 1 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0  
C 1 0 1 1 0 1 0 0 0 0 1 0 1 0 0 0 0 1 0 1 1 0 1

WIST correlations

C\_{AA} 5 0 1 1 1 1 1 0 1 1 0 1 1 0 1 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 1 1 1 0 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 1 1 1 0 1 1 0 1 1 0 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 0 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 1

WIST correlations

C\_{AA} 3 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 0 1 1 1 0 0 1 0 1 0 0 1 1 1 0 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 0 1 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 0 0 1 1 0 1 0 1 0 1 1 0 0 1 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 1 0 1 0 0 1 0 1 0 0 1 0 1 1 0 0 1 1



WIST correlations  
C\_{AA} 4 1 0 0 1 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 1 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 0 0 0 0 1 1 1 0 1 1 1 0 0 0 1 0 1

WIST correlations  
C\_{AA} 4 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 1 0 0 0 1 0 1 0 1 0 1 0 0 0 1 1 0

WIST correlations  
C\_{AA} 4 1 0 1 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 0 0 0 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 1 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 1

WIST correlations  
C\_{AA} 5 1 1 1 1 0 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 0 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 0 1 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 1 1 0 0 0 0 0 1 1 0 1 1 0 0 0 0 1 1 1

WIST correlations  
C\_{AA} 4 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences  
A 1 0 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1

WIST correlations  
C\_{AA} 5 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0

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Inequivalent nontrivial WISTs of length 24

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
 C 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0 1

WIST correlations

C\_{AA} 4 0 0 1 1 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
 C\_{BC} 0 0 1 1 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 0 1 1 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0  
 C 1 0 0 0 1 0 0 0 0 0 1 0 0 1 0 0 0 0 0 1 0 0 0 1

WIST correlations

C\_{AA} 4 1 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0  
 C\_{BC} 1 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
 C\_{CB} 1 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
 C 1 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 4 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0  
 C\_{BC} 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0  
 C 1 1 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0  
 C\_{BC} 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0  
 C\_{CB} 1 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 1 1 0 0 0 0 1 0 1 0 1 1 0 0 1 1 0 0 0 0 0  
 B 0 0 0 0 0 0 1 0 1 1 0 0 0 0 1 1 0 1 0 0 0 0 0  
 C 1 1 0 0 1 1 0 1 0 0 0 1 1 0 0 0 1 0 1 1 0 0 1 1

WIST correlations

C\_{AA} 9 3 3 3 3 3 2 2 3 2 3 1 1 2 2 1 1 1 0 0 0 0 0  
 C\_{BC} 3 3 3 3 3 2 2 3 2 3 1 1 2 2 1 1 1 0 0 0 0 0 0  
 C\_{CB} 3 3 3 3 3 2 2 3 2 3 1 1 2 2 1 1 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 1 0 1 0 1 0  
 B 0 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 0  
 C 1 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 0 1

WIST correlations

C\_{AA} 9 3 3 2 2 2 3 3 2 1 2 2 1 1 1 1 1 2 1 1 1 0 1 0  
 C\_{BC} 3 3 2 2 2 3 3 2 1 2 2 1 1 1 1 1 2 1 1 1 0 1 0  
 C\_{CB} 3 3 2 2 2 3 3 2 1 2 2 1 1 1 1 1 2 1 1 1 0 1 0

Inequivalent nontrivial WISTs of length 25

WIST sequences

A 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C 1 0 1

WIST correlations

C\_{AA} 2 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{BC} 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
 C 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0  
 C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0  
 B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0  
 C 1 0 1

WIST correlations

C\_{AA} 3 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0  
 C\_{BC} 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0  
 C\_{CB} 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
 B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0  
 C 1 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 1 0 1 0 0 0 1

WIST correlations

C\_{AA} 3 0 0 0 0 1 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{BC} 0 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
 C\_{CB} 0 0 0 0 1 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0



C\_{CB} 0 0 1 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0  
C 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0

WIST correlations

C\_{AA} 4 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0  
C\_{BC} 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0  
C\_{CB} 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 1 0 1 0 1 1 0 0 0 1 1 0 1 0 1 0 0

WIST correlations

C\_{AA} 4 0 1 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 0 0 0 1 0 0 1 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0

WIST correlations

C\_{AA} 4 0 0 1 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0  
C\_{BC} 0 0 1 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0  
C\_{CB} 0 0 1 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 0 1 0 1 1 1 0 0 0 0 1 1 1 0 1 0 1 0

WIST correlations

C\_{AA} 4 0 0 1 1 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 0 1 1 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 0 1 1 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 0 1 1 0 0 0 1 1 0 1 0 1 0 1 1 0 0 0 1 1

WIST correlations

C\_{AA} 4 1 0 1 1 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences



C\_{BC} 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0  
C 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1

WIST correlations

C\_{AA} 4 0 1 0 0 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0  
C\_{BC} 0 1 0 0 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0  
C\_{CB} 0 1 0 0 0 1 0 1 0 1 0 0 0 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 0 1 0 1 0 1 1 0 0 0 1 1 0 1 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0  
C 1 0 1 0 1 0 0 0 1 0 1 0 0 0 1 0 1 0 0 0 1 0

WIST correlations

C\_{AA} 5 0 2 0 2 0 1 0 1 0 1 0 0 0 1 0 1 0 1 0 0 0  
C\_{BC} 0 2 0 2 0 1 0 1 0 1 0 0 0 1 0 1 0 1 0 0 0 0  
C\_{CB} 0 2 0 2 0 1 0 1 0 1 0 0 0 1 0 1 0 1 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 1 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0  
C 1 0 1 0 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 1 0

WIST correlations

C\_{AA} 5 0 2 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0  
C\_{BC} 0 2 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0  
C\_{CB} 0 2 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0  
B 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0  
C 1 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0

WIST correlations

C\_{AA} 5 0 1 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0  
C\_{BC} 0 1 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0  
C\_{CB} 0 1 0 1 0 2 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0  
C 1 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 1 0 1 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 0 0 0 0 0 1 1 1 0 1 1 1 0 0 0 0 1 1 0

WIST correlations

C\_{AA} 4 1 1 1 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 0 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 0 1 0 0 1 1 0 1 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0  
C 1 0 1 1 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 1

WIST correlations

C\_{AA} 6 1 1 2 1 2 1 0 1 1 1 1 0 1 1 0 1 0 0 0 0 0  
C\_{BC} 1 1 2 1 2 1 0 1 1 1 1 0 1 1 0 1 0 0 0 0 0 0  
C\_{CB} 1 1 2 1 2 1 0 1 1 1 1 0 1 1 0 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1

WIST correlations

C\_{AA} 5 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 1 1 1 0 1 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 1

WIST correlations

C\_{AA} 4 0 1 1 0 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 0 1 1 0 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 0 1 1 0 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 1 1 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1

WIST correlations





WIST sequences

A 1 0 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 0 0 0 1 1 0 1 0 1 0 1 1 0 0 0 1 0 1 1

WIST correlations

C\_{AA} 4 1 0 1 1 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 1 0 0 0 0 1 0 0 1 1 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 1 0 0 1 0 0 1 0 0 0 1 0 1 0 0 0 1 0 0 1 0 1 1

WIST correlations

C\_{AA} 5 1 0 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 0 0 0 0  
C\_{BC} 1 0 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 1 0 1 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 0 1 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 1 0 1 1

WIST correlations

C\_{AA} 4 1 0 0 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 0 0 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 0 0 1 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 1 1 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0  
C 1 1 0 0 1 1 0 1 0 0 0 0 0 0 0 0 1 0 1 1 0 0 1 1

WIST correlations

C\_{AA} 5 1 0 1 1 0 0 1 1 1 0 1 1 0 0 1 1 0 0 0 0 0  
C\_{BC} 1 0 1 1 0 0 1 1 1 0 1 1 0 0 1 1 0 0 0 0 0 0  
C\_{CB} 1 0 1 1 0 0 1 1 1 0 1 1 0 0 1 1 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 0 0 0 0 0 1 1 1 0 1 1 1 0 0 0 0 1 0 1 1

WIST correlations

C\_{AA} 4 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{BC} 1 1 1 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0  
C\_{CB} 1 1 1 0 0 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0 0

WIST sequences

A 1 0 0 0 0 1 0 0 0 1 0 1 1 0 0 0 0 0 0 0 0 0  
B 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0  
C 1 1 0 1 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1 0 1 0 1 1





