

Spatial Contiguity Principle

name	band
Mick	Stones
John	Beatles
Paul	Beatles

+

name	plays
John	guitar
Paul	bass
Keith	guitar

=

name	band	plays
Mick	Stones	<NA>
John	Beatles	guitar
Paul	Beatles	bass



name	band
Mick	Stones
John	Beatles
Paul	Beatles

name	plays
John	guitar
Paul	bass
Keith	guitar

name	band	plays
Mick	Stones	<NA>
John	Beatles	guitar
Paul	Beatles	bass



Temporal Contiguity Principle

band			instrument		
name	band		name	plays	
Mick	Stones	+	John	guitar	=
John	Beatles		Paul	bass	
Paul	Beatles		Keith	guitar	
name	band		name	band	plays
Mick	Stones		Mick	Stones	<NA>
John	Beatles		John	Beatles	guitar
Paul	Beatles		Paul	Beatles	bass

