

SOC 4015/5050: Lecture-07 - Reshaping Data

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Part 1: Reshaping Long Data to Wide

participant	period	score
a	test1	.82
a	test2	.94
b	test1	.78
b	test2	.84

1. If we wanted to reshape these data, which verb is most appropriate? Why?
2. What is the key?
3. What is the value?
4. Draw out a reshaped data table with new variable names and values filled in.

Part 2: Reshaping Wide Data to Long

class	midterm	final
Social Studies, 4 th Period	88	91
Social Studies, 6 th Period	87	86

5. If we wanted to reshape these data, which verb is most appropriate? Why?
6. What could we name the key?
7. What could we name the value?
8. Which variables (i.e. columns) will contribute to the values?
9. Draw out a reshaped data table with new variable names and values filled in.