

Supplemental Materials

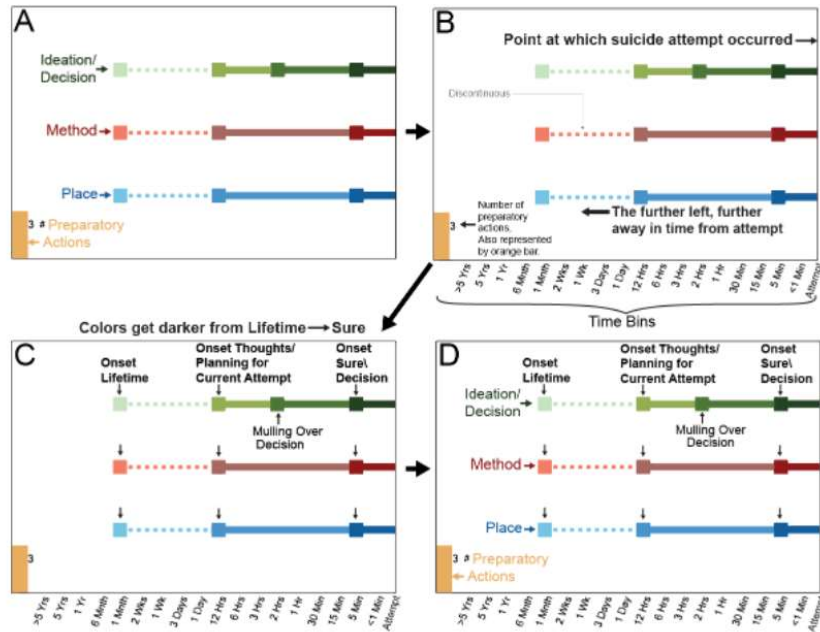


Figure S1. Orientation to pathway to suicide plots (A) Components of the pathway to suicide: suicide method = red, place = blue, ideation = green, preparatory actions = orange. (B) Method, place and ideation/decision are on a timescale. The right border represents that point at which a suicide attempt occurred. The further left the square markers are plotted, the further away in time they occurred from the suicide attempt. Dotted line represents discontinuous steps (i.e. were not continuous from onset to the suicide attempt). Solid lines represent steps that were continuous from onset to the suicide attempt. All the time bins are on the x-axis. (C) The pathway phases. The color of the square markers gets darker from lifetime to most recent attempt to sure/decision, (D) All the aspects of the plot together.

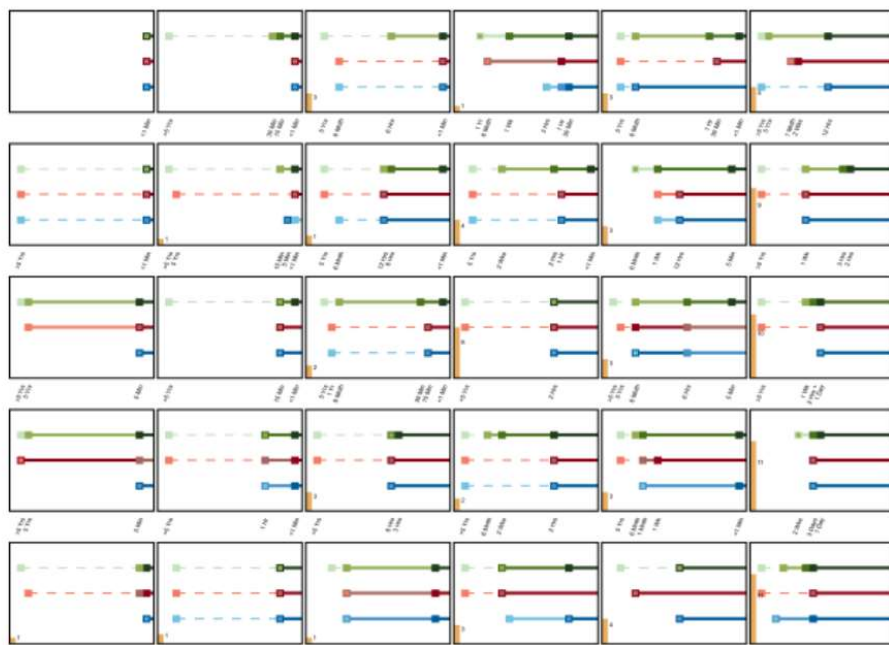


Figure S2. Individual pathway to suicide plots for every participant (n=30). As plots move down and then to the right, individuals move through the pathway slower and with more preparatory actions. X-axis labels include only time bins included in an individual plot.

Table S1. Percentages of subjects that thought of one planning step at the same time as another step.

		Thought of at Same Time as Items in Rows (%)							
Thought of at Same Time as Items in Columns (%)		Method (Lifetime)	Place (Lifetime)	Ideation (Current Attempt)	Method (Current Attempt)	Place (Current Attempt)	Mulling (Current Attempt)	Sure of Method	Sure of Place
	Method (Lifetime)								
	Place (Lifetime)	43.33							
	Ideation (Current Attempt)	13.33	30.00						
	Method (Current Attempt)	26.67	46.67	40.00					
	Place (Current Attempt)	16.67	56.67	40.00	73.33				
	Mulling (Current Attempt)	16.67	33.33	22.22	38.88	33.33			
	Sure of Method	20.00	40.00	33.33	73.33	63.33	22.22		
	Sure of Place	13.33	46.67	36.67	63.33	80.00	16.67	73.33	
	Decision (Current Attempt)	6.67	30.00	16.67	40.00	46.67	-	46.67	63.33

Note: Table shows the percentage of time steps in the column labels occurred at the same time as steps in the row labels. Green colors represent items that were frequently thought of at the same time. For example, 73.33% of subjects simultaneously thought of the method and place to attempt suicide during the current attempt (fourth column, fifth row) and 80% thought of the place and were sure of the place to attempt suicide (fifth column, eighth row) at the same time.

Table S2. Percentages of subjects that thought of one planning step prior to or after another step.

		Thought of Prior to Row Items (%)								
		Method (Lifetime)	Place (Lifetime)	Ideation (Current Attempt)	Method (Current Attempt)	Place (Current Attempt)	Mulling (Current Attempt)	Sure of Method	Sure of Place	Decision (Current Attempt)
Thought of After Columns Items (%)	Method (Lifetime)		3.33	16.67	-	-	5.56	-	-	-
	Place (Lifetime)	53.33		36.67	13.33	-	16.67	10.00	-	-
	Ideation (Current Attempt)	70.00	33.33		3.33	3.33	-	6.67	-	-
	Method (Current Attempt)	73.33	40.00	56.67		10.00	38.89	6.67	10.00	-
	Place (Current Attempt)	83.33	43.33	56.67	16.67		38.89	16.67	3.33	-
	Mulling (Current Attempt)	77.78	50.00	77.78	22.22	27.78		22.22	27.78	-
	Sure of Method	80.00	50.00	60.00	20.00	20.00	55.56		6.67	-
	Sure of Place	86.67	53.33	63.33	26.67	16.67	55.56	20.00		-
	Decision (Current Attempt)	93.33	70.00	83.33	60.00	53.33	100.00	53.33	36.67	

Note: Table shows the percentage of time steps in the column labels occurred prior to the steps in the row labels. For an example of how to read this table, the green cell near the top left corner shows that participants first thought of the method (in the columns) *prior* to the first thinking of the place (rows) 53.33% of the time and vice versa 3.33% of the time (red cell near the top left corner). The other 43.33% of the time people first thought of the method and the place at the same time (Table S1). Using the column labels, green colors represent items that were frequently thought of *early* in the pathway to suicide whereas red colors denote items that were thought of *later* in the pathway to suicide.