

Univariate Report

iTIME Dev Team

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Table 1: Variables selected in iTIME.Moffitt.org Univariate Summary.

Variable	Selection	Held as on Server
Include functions?	FALSE	input\$printFunctions
Cell marker selected	Percent CD8 (Opal 520) Positive Cells	input\$picked_marker
Clinical variable selected	race	input\$picked_clinical
Threshold	1	input\$choose_cont_thresh
Column heading of total cell counts	Total Cells	input\$picked_total_cells
Clinical variable baseline	unknown	input\$picked_modeling_reference

Table 2: Contingency table of Percent CD8 (Opal 520) Positive Cells above and below the threshold of 1 percent.

Percent CD8 (Opal 520) Positive Cells	black	unknown	white
Greater than 1%	7	139	6
Less than 1%	3	74	0

Table 3: Frequency table of Percent CD8 (Opal 520) Positive Cells by race .

race	> 1%	> 2%	> 3%	> 4%	> 5%
black	7	5	4	3	3
unknown	139	76	45	27	19
white	6	6	5	4	3

Table 4: Summary table of Percent CD8 (Opal 520) Positive Cells by race showing the minimum, median, mean, max, and standard deviation as well as the number of unique subject and unique samples in the clinical and summary data frames.

race	Min	Median	Mean	Max	SD	Subjects	Samples
black	0.184065	2.111651	4.084717	15.23494	4.761006	10	10
unknown	0.000000	1.429593	2.165061	24.85137	2.772229	213	213
white	2.390378	5.954606	8.420667	21.14804	7.007699	6	6

Univariate Summary Plot

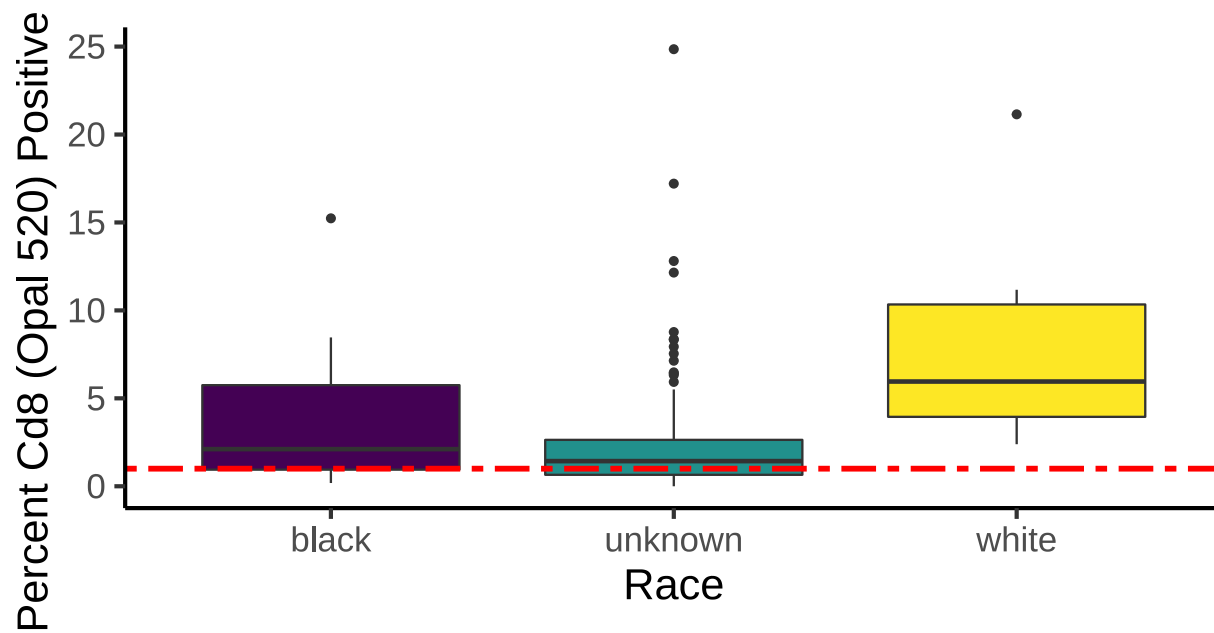


Figure 1: Summary plot of Percent CD8 (Opal 520) Positive Cells separated by race. The red line is at the threshold level in Table 1.

Cumulative Distribution Function Plot

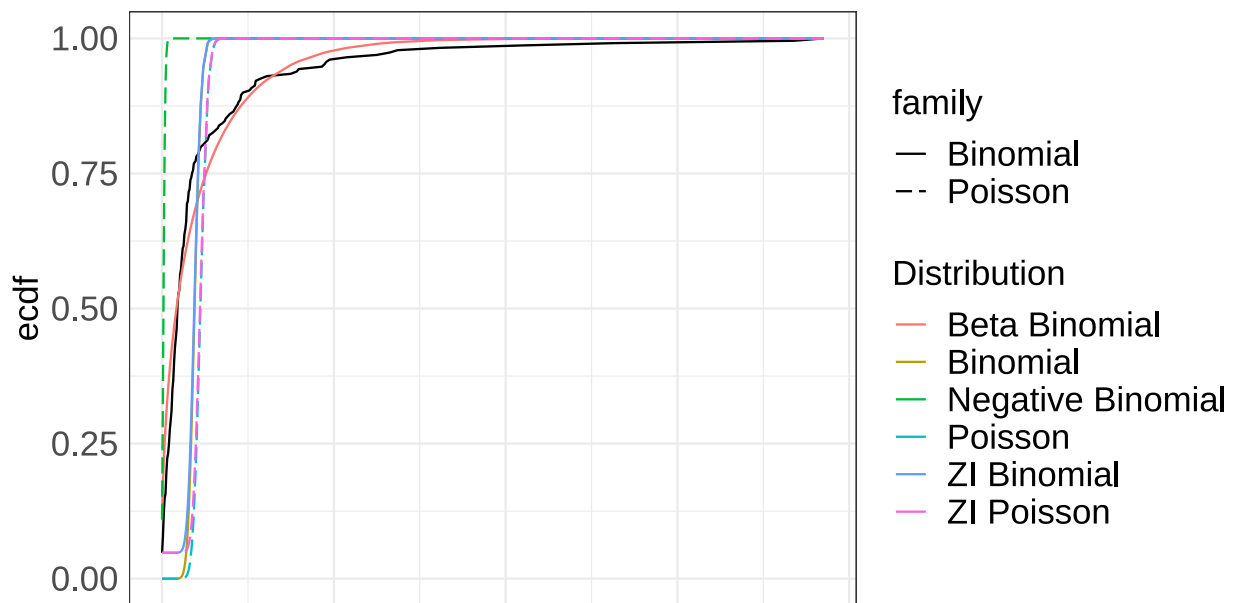


Figure 2: Cumulative distribution functions for both the binomial and Poisson families for Percent CD8 (Opal 520) Positive Cells. The default model selected in iTIME.Moffitt.org is the negative binomial model.