

Table 1. Algorithm for calculating summary measure of racial climate

We propose operationalizing racial climate for a pairwise comparison of “races” as the weighted difference between “race”-stratified distributions of responses to the question, “How often do you think about your race? Would you say never, once a year, once a month, once a week, once a day, once an hour, or constantly?”.

- Stratify respondents by “race”, operationalized as response to the question, “How do other people usually classify you in this country?”.
- For each “race” stratum, make a histogram of percent frequency of responses to the question “How often do you think about your race?”, with responses arranged from “never” on the left to “constantly” on the right.
- Make pairwise plots of histogram differences. For each pair of “racial” groups being compared, subtract the histogram from the group with the higher percent frequency of “never” responses from the other histogram.
- For each histogram difference plot, calculate a weighted sum of the positive differences using weights from 0 to 6, as follows:
 - Weight a positive difference in “never” responses by multiplying by 0.
 - Weight a positive difference in “once a year” responses by multiplying by 1.
 - Weight a positive difference in “once a month” responses by multiplying by 2.
 - Weight a positive difference in “once a week” responses by multiplying by 3.
 - Weight a positive difference in “once a day” responses by multiplying by 4.
 - Weight a positive difference in “once an hour” responses by multiplying by 5.
 - Weight a positive difference in “constantly” responses by multiplying by 6.