**Supplemental Materials**

Table 1

*Acronyms and Definitions*

| Acronym | Definition |
|---------|------------|
| RED | Racial/Ethnic Discrimination |
| EDS | Everyday Discrimination Scale |
| REDI | Racial/Ethnic Discrimination Index |
| IRT | Item Response Theory |
| ICC | Intraclass Correlation |
| IIF | Item Information Function |
| TIF | Test Information Function |

Table 2.

*Comparisons between Stucky's five-item-EDS and current revised-EDS items*

| Stucky et al. (2011) | Current Study |
| --- | --- |
| People act like you are not as smart | People act like you are not as smart |
| People act as I they think you are dishonest | People act as if they are afraid of you |
| You are called names or insulted | You are threatened or harassed |
| You are treated with less respect than others | You are treated with less respect than others |
| People act like they think they are better than you | You receive poorer service in restaurants or in stores |

Table 3

*Post-hoc Power Analysis of factorial invariance Test of EDS-AER and REDI across Ethnicity/Race and Gender*

| Invariance Model | Comparison Model | Number of Replications | $\Delta\chi^2$ ($\alpha = .05$) | AIC | BIC |
|---|---|---|---|---|---|
| EDS Attribution to Ethnicity/Race (EDS-AER): Invariance across Ethnicity/Race | | | | | |
| 2-PL(P) | | 500 | | | |
| Loading | Baseline | 500 | 0.82 | 0.92 | 1.00 |
| Loading + Intercept | Loading | 500 | 0.96 | 0.94 | 1.00 |
| EDS Attribution to Ethnicity/Race (EDS-AER): Invariance across Gender | | | | | |
| 2-PL(P) | | 500 | | | |
| Loading | Baseline | 500 | 0.83 | 0.86 | 1.00 |
| Loading + Intercept | Loading | 500 | 0.03 | 0.02 | 0.85 |
| Racial/Ethnic Discrimination Index (REDI): Invariance across Ethnicity/Race | | | | | |
| 2-PL(P) | | 478 | | | |
| Partial Loading | Baseline | 478 | 0.82 | 0.79 | 0.89 |
| Partial Loading + Intercept | Partial Loading | 478 | 0.93 | 0.97 | 1.00 |
| Racial/Ethnic Discrimination Index (REDI): Invariance across Gender | | | | | |
| 2-PL(P) | | 500 | | | |
| Loading | 2-PL(P) | 500 | 0.89 | 0.79 | 0.86 |
| Loading + Intercept | Loading | 500 | 0.91 | 0.92 | 1.00 |

*Note.* $\Delta\chi^2$ is the likelihood ratio test.