**Online Supplement: Tables S1 and S2**

*(To accompany Nicholas R. Moorehead, Jeffrey L. Goodie & David S. Krantz, Prospective Bidirectional Relations Between Depression and Metabolic Health: 30 Year
Follow-up from the NHLBI CARDIA Study).*

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| Table S1. Model Effects for the Relationship between Predictor Variables and MetS (as a dependent variable) |
| Variable | Wald Chi-Square | df | *p-level* |
| (Intercept) | 119.703 | 1 | 0.001 |
| Time | 515.801 | 5 | 0.001 |
| Age | 18.277 | 1 | 0.001 |
| Sex | 38.622 | 1 | 0.001 |
| Race | 6.716 | 1 | 0.010 |
| Physical Activity | 105.615 | 1 | 0.001 |
| Smoking | 4.965 | 2 | 0.084 |
| Alcohol Consumption | 1.179 | 1 | 0.278 |
| Antidepressant Use | 0.945 | 1 | 0.331 |
| Depressive Symptoms | 7.090 | 1 | 0.008 |
| Time by Depressive Symptoms Interaction | 4.727 | 5 | 0.450 |

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| Table S2. Results from three separate GEE models testing the moderating effects of Race, Sex, and the interaction of Race x Sex on the relationship between Depressive Symptoms (as the predictor) and Metabolic Syndrome (the outcome).  |
| Variable | Wald Chi-Square | df | *p*-level |
| Race | 2.627 | 1 | 0.105 |
| Depressive Symptoms | 8.017 | 1 | 0.005 |
| Race x Depressive Symptoms Interaction | 3.147 | 1 | 0.076 |
| Sex | 18.515 | 1 | 0.000 |
| Depressive Symptoms | 3.649 | 1 | 0.056 |
| Sex x Depressive Symptoms Interaction | 8.383 | 1 | 0.004 |
| Sex x Race | 42.874 | 3 | 0.001 |
| Depressive Symptoms | 5.135 | 1 | 0.023 |
| Sex x Race x Depressive Symptoms Interaction | 14.698 | 3 | 0.002 |
| *Note.* The table presents the results of 3 separate GEE models of the interactions between race and sex on the relationship between Depressive Symptoms and Metabolic Syndrome (the outcome). From top to bottom, these models examine the following interactions: Race x Depressive Symptoms, Sex x Depressive Symptoms, and Sex x Race x Depressive Symptoms. P-levels are rounded to 3 places. |