Computer code for scoring the EDDS.

Below is the SPSS code for scoring the Eating Disorder Diagnostic Scale. Items are labeled edds1 through edds22.

This code generates a variable - eddsdx – that provides tentative diagnoses of full threshold anorexia nervosa = 1, full threshold bulimia nervosa = 2, full threshold binge eating disorder = 3, subthreshold anorexia nervosa = 5, subthreshold bulimia nervosa = 6, subthreshold binge eating disorder = 7, and no diagnoses = 0. There are other variables that collapse across these categories that might be useful as well (eddsd2-eddsd4).

This code also generates an overall eating disorder symptom composite. Originally we recommended taking z-scores of each item before averaging the items (see code below for eddszsym). To do this, it is first necessary to save out the standardized scores for the EDDS items (zedds1 – zedds21). However, we have subsequently found that the overall eating disorder symptom composite often evidences satisfactory internal consistency if you sum the raw items (see code below for eddssum). Note however, that the height and weight data and the birth control items are omitted. This is the approach we used in Stice & Ragan, 2002.

COMPUTE STATEMENTS FOR EDDS DIAGNOSES.
If edds5=0 and edds6=0 edds9=0.
If edds5=0 and edds6=0 edds10=0.
If edds5=0 and edds6=0 edds11=0.
If edds5=0 and edds6=0 edds12=0.
If edds5=0 and edds6=0 edds13=0.
If edds5=0 and edds6=0 edds14=0.
Compute eddsBMI=(Edds19 / 2.205)/((Edds20 / 39.37) ** 2).
If edds19 < 50 eddsBMI=999.
If edds20 < 40 eddsBMI=999.
RECODE eddsBMI (999=SYSMIS).
Compute feature=sum.1(edds9, edds10, edds11, edds12, edds13).
Compute bedbing=999.
If edds5=0 bedbing=0.
If edds5=1 and edds6=1 and edds7 >=1 and feature >=3 and edds14=1 bedbing=1.
If edds5=1 and edds6=1 and edds7 >=2 and feature >=3 and edds14=1 bedbing=2.
Compute bulbing=999.
If edds5=0 bulbing=0.
If edds5=1 and edds6=1 and edds8 >=1 bulbing=1.
If edds5=1 and edds6=1 and edds8 >=2 bulbing=2.
RECODE bedbing bulbing (999=SYSMIS).
Compute compsum=999.
Compute compsum=sum.2(edds15,edds16,edds17,edds18).
RECODE compsum (999=SYSMIS).
Compute compen=999.
If compsum < 1 compen=0.
If compsum >=1 compen=1.
If compsum >=2 compen=2.
RECODE compen (999=SYSMIS).
Compute wtshap=999.
If edds3 < 6 or edds4 < 6 wtshap=0.
If edds3 >=1 or edds4 >=1 wtshap=1.
If edds3 >=4 or edds4 >=4 wtshap=2.
Compute LowBMI=999.
If eddsBMI > 10 lowBMI=0.
If eddsBMI <= 18.5 LowBMI=1.
If eddsBMI <= 17.5 LowBMI=2.
Compute fearwt=999.
If edds2 <7 fearwt=0.
If edds2 >=1 fearwt=1.
If edds2 >=4 fearwt=2.
Compute amen=999.
If edds21 >=0 amen=0.
If edds21 >=1 amen=1.
If edds21 >=0 and edds22=1 amen=1.
If edds21 >=3 amen=2.
If edds21 >=0 and edds22=1 amen=2.
RECODE wtshap lowbmi fearwt amen (999=SYSMIS).
Compute eddsdx=999.
If edds1 < 8 eddsdx=0.
If bedbing=1 and compen=0 eddsdx=7.
If bulbing >=1 and compen >=1 and wtshap >=1 eddsdx=6.
If bedbing=2 and compen=0 eddsdx=3.
If bulbing =2 and compen =2 and wtshap =2 eddsdx=2.
If lowBMI >=1 and amen >=1 eddsdx=5.
If lowBMI =2 and amen =2 eddsdx=1.
Compute eddsd2=eddsdx.
If eddsdx=7 eddsd2=3.
If eddsdx=6 eddsd2=2.
If eddsdx=5 eddsd2=1.
Compute eddsd3=eddsd2.
If eddsd2=3 eddsd3=1.
If eddsd2=2 eddsd3=1.
If eddsd2=1 eddsd3=1.
Compute eddsd4=eddsdx.
If eddsdx=7 eddsd4=0.
If eddsdx=6 eddsd4=0.
If eddsdx=5 eddsd4=0.
If eddsdx=3 eddsd4=3.
If eddsdx=2 eddsd4=2.
If eddsdx=1 eddsd4=1.
RECODE eddsdx eddsd2 eddsd3 eddsd4 (999=SYSMIS).
Freq vars = eddsdx eddsd2 eddsd3 eddsd4.
Compute eddszsym=mean.5(zedds1 to zedds21).
Compute eddssum=sum.3(edds1 to edds18, edds21).

Because individuals with anorexia nervosa do not always show the best insight, investigators often exclude the requirement that they (a) report an intense fear of gaining weight or becoming fat even though under weight or (b) report a disturbance in the way they experience their body shape/weight, report undue influence of weight/shape on self-evaluation, or deny the seriousness of their low body weight. In the EDE, interviewers are given the leeway to override asymptomatic responses if the patient lacks insight. The code above takes this approach if the participant meets the criteria for low body weight and amenorrhea. Individuals who use the EDDS are free to alter the code if they wish to include these other symptoms. A score of 4 or greater on EDDS item 1 is indicative of body image disturbance and a denial of the seriousness of low body mass if the participant meets the low body mass criteria. A score of 4 or greater on EDDS item 2 is indicative of an intense fear of gaining weight or becoming fat if the participant meets the low body mass criteria. A score of 4 or greater on either EDDS item 3 or 4 is indicative of undue influence of weight/shape on self-evaluation.