Title: Familial Liability for Eating Disorders and Suicide Attempts: Evidence from a Population Registry in Sweden

At a Glance:

We evaluated the association between eating disorders and suicide attempts using Swedish population data and explored whether familial risk factors contribute to the association. We found:

- Increased risk of suicide attempts in individuals with any eating disorder (OR=5.28, 95%CI [5.04, 5.54]), anorexia nervosa (OR=4.42, 95%CI [4.12, 4.74]), and bulimia nervosa (OR=6.26, 95%CI [5.73, 6.85]);

- Increased risk of death by suicide in individuals with any eating disorder (OR=5.39, 95%CI [4.00, 7.25]), anorexia nervosa (OR=6.46, 95%CI [4.38, 9.54]), and bulimia nervosa (OR=4.45, 95%CI [2.44, 8.11]);

- Increased risk of suicide attempts in individuals whose full-siblings had any eating disorder (OR=1.41, 95%CI [1.29, 1.53]), anorexia nervosa (OR=1.21, 95%CI [1.06, 1.37]), and bulimia nervosa (OR=1.56, 95%CI [1.31, 1.86]), regardless of their own eating disorder diagnosis, suggesting familial liability for eating disorders and suicide attempts;

- Comorbid major depression, anxiety disorders, and substance use disorders partially explained the association within individuals, suggesting particularly high-risk profiles.