The diagram shows the mean Agatston score distribution across different quartiles for men and women, with a significant difference indicated by $P<0.001$.

- **SUA Range for Men:**
  - Quartile 1: 2.6-4.9
  - Quartile 2: 5.0-5.6
  - Quartile 3: 5.7-6.6
  - Quartile 4: 6.7-11.6

- **SUA Range for Women:**
  - Quartile 1: 1.3-3.3
  - Quartile 2: 3.3-3.8
  - Quartile 3: 3.9-4.6
  - Quartile 4: 4.7-10.7

The bars for women are generally higher than those for men, particularly in Quartile 4.