The diagram shows a comparison of calcification rates between two methods: using a stirr bar and shaking in a water bath. The data points indicate that neither method significantly differs, as evidenced by the paired t-test result: $F=0.046$, $p=0.8413$. The y-axis represents the calcification rate in $\mu$mol CaCO$_3$ cm$^{-2}$ h$^{-1}$, and the x-axis lists samples labeled #1 to #5.