The graph shows the proportion of bees across different proportions of fat. The x-axis represents the proportion of fat, ranging from 0.00 to 0.20. The y-axis represents the proportion of bees, ranging from 0.00 to 0.80.

- **Foundresses** (n = 28) is represented by a solid line with crosses.
- **First brood females** (n = 23) is represented by a dashed line with triangles.
- **Second brood females** (n = 34) is represented by a dotted line with plus signs.

The peak for foundresses is around 0.02, while the first brood females show a lower peak around 0.05. The second brood females have a wider distribution with a peak around 0.07.