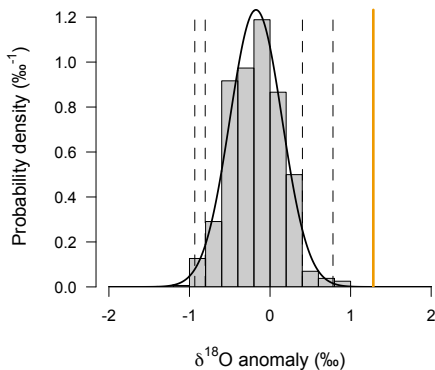
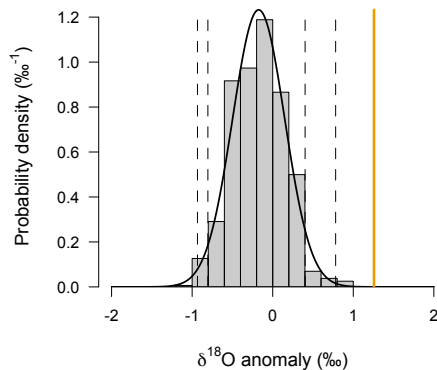
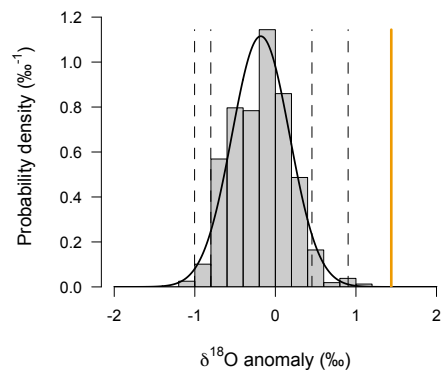
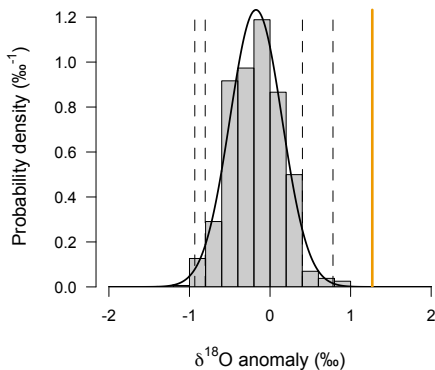
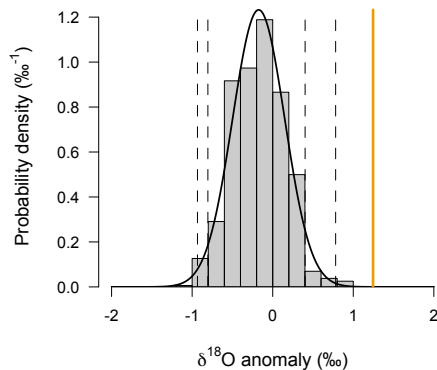


a. NGT main stack**b. NGT main stack (forward diffused)****c. NGT "frozen" stack (fixed N)****d. NGT simple stack****e. NGT simple stack (forward diffused)**

Pre-industrial distribution (1000-1800 CE)

Gaussian fit

$p = 0.95$ and $p = 0.99$

2001-2011 CE average