**Hadlum versus Hadlum divorce case**

Sole evidence of adultery was a baby boy born almost 50 weeks after husband had gone abroad on military service

**Null hypothesis H0: no adultery**

**Alternative hypothesis HA: adultery**

Barnett, V (1978) The study of outliers: purpose and model. *Applied Statistics* **27**, 242-250.

<http://www.jstor.org/discover/10.2307/2347159?uid=3738984&uid=2129&uid=2&uid=70&uid=4&sid=21101361772271>

**No adultery versus adultery…**

Data: gestation of 349 days

Decision: judge accepted H0

* since on medical evidence 349 days, whilst improbable, was scientifically possible
* without looking a distribution of gestational lengths