



Figure 124. Individual latitudinal deviations in Hevelius' star catalogue

It is possible that Hevelius used not only personal observations but also previous catalogues, perhaps that of Tycho Brahe.

10.3. Ulugbeck's catalogue. The application of the proposed statistical and geometrical procedures to Ulugbeck's catalogue [324] gave a dating interval 700–1400 A.D., which contains the real data of the compilation. Besides that, we found that a significant part of Ulugbeck's catalogue has a systematic error coinciding with that of the *Almagest*. It is very probable that this part was taken from the *Almagest*.