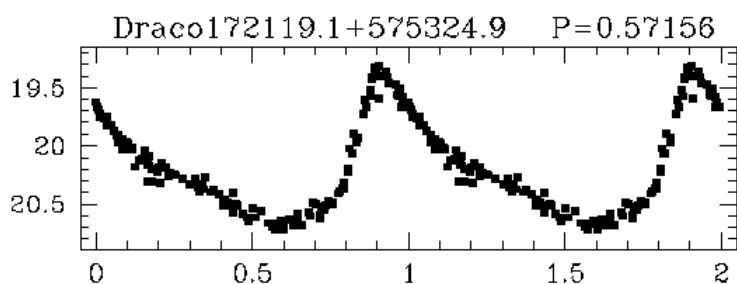
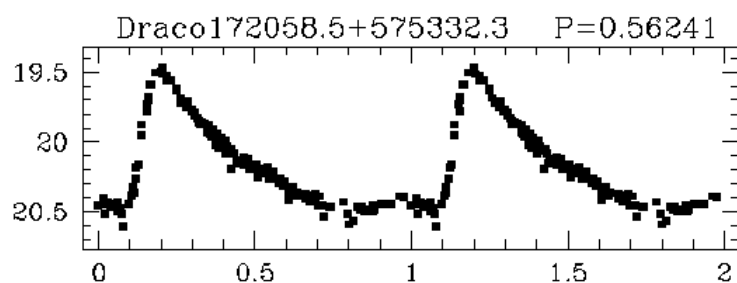
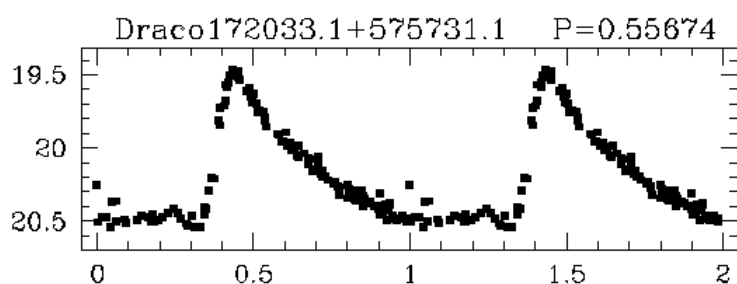
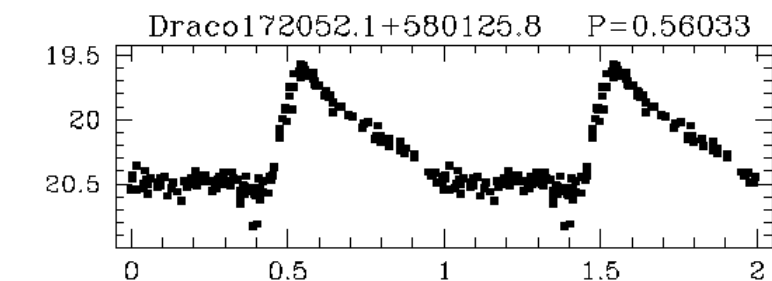


Let's try out this simple method! [Bonanos et al. AJ 127, 861 \(2004\)](#) provide light curves for RR Lyrae stars in a small galaxy called "the Draco Dwarf Spheroidal Galaxy", a member of our Local Group.



Q: How far from us is the Draco dwarf spheroidal galaxy?

$$(m - M) = 5 \log_{10}(d) - 5$$

Bonanos et al. (2004) derived a distance of