



Vision Acuity Testing Methods

Introduction

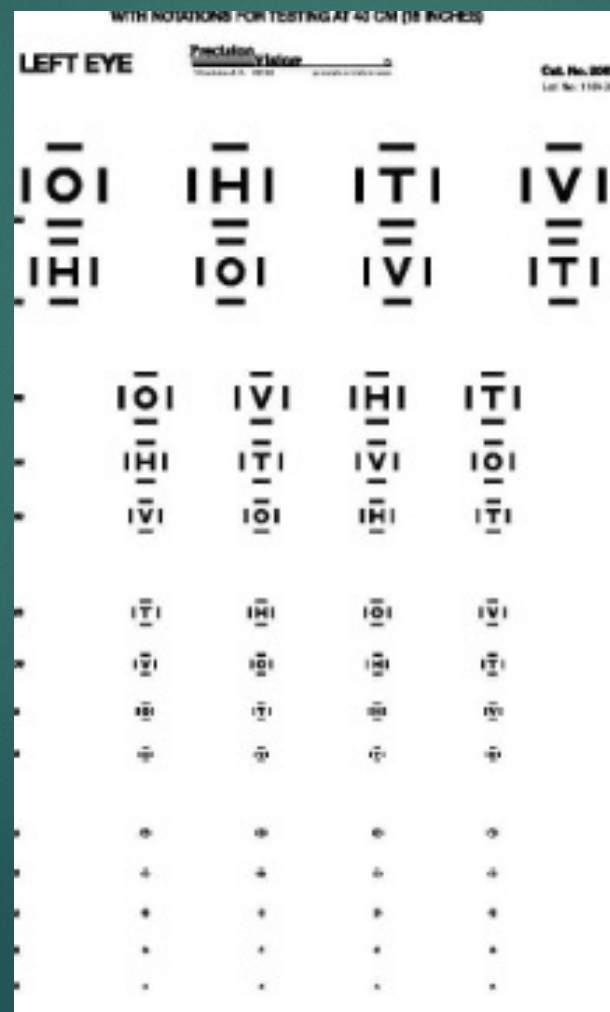
- ▶ Children from 3-12 year old were enrolled
- ▶ In-office result and web-based result were compared
- ▶ Test for normal children and those with Amblyopia

HOTV

Age: 3-6 years old
Distance: 3 meters

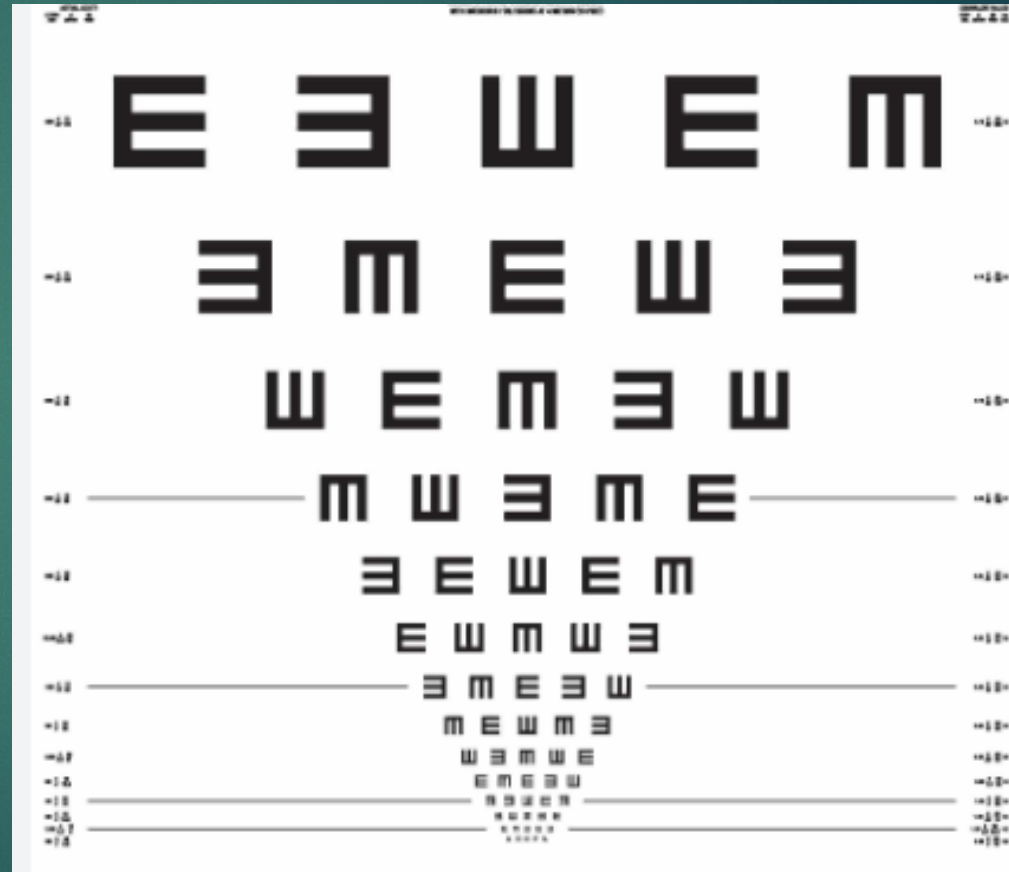


ATS-HOTV



E-ETDR

Age: above 7 years old
Distance: 3 meters



Bland-Altman plot

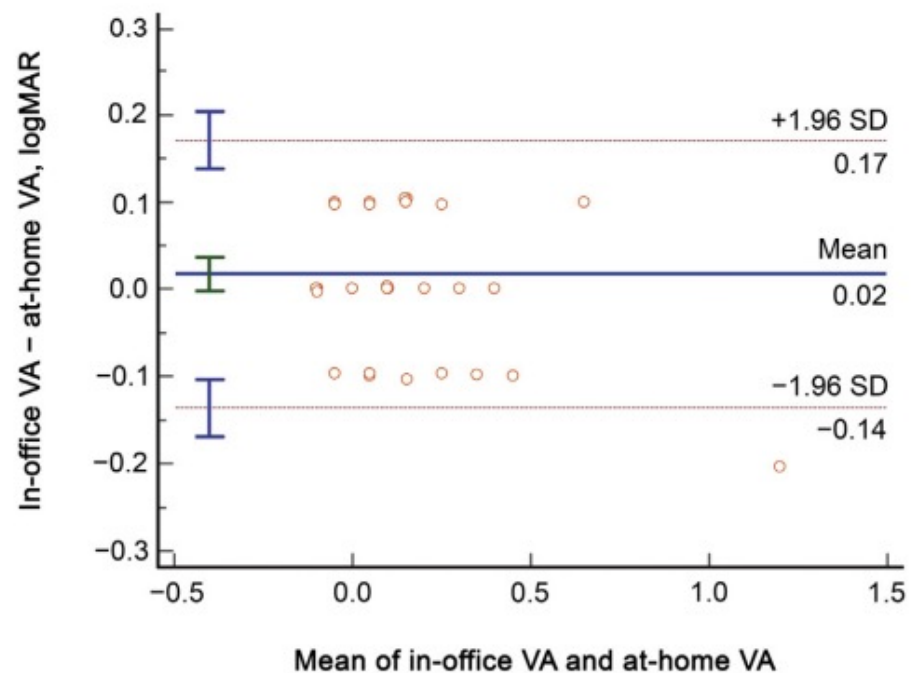


FIG 1. Bland-Altman plot comparing ATS-HOTV visual acuity test results obtained in office and at home for 34 children (68 eyes) 3-6.9 years of age.

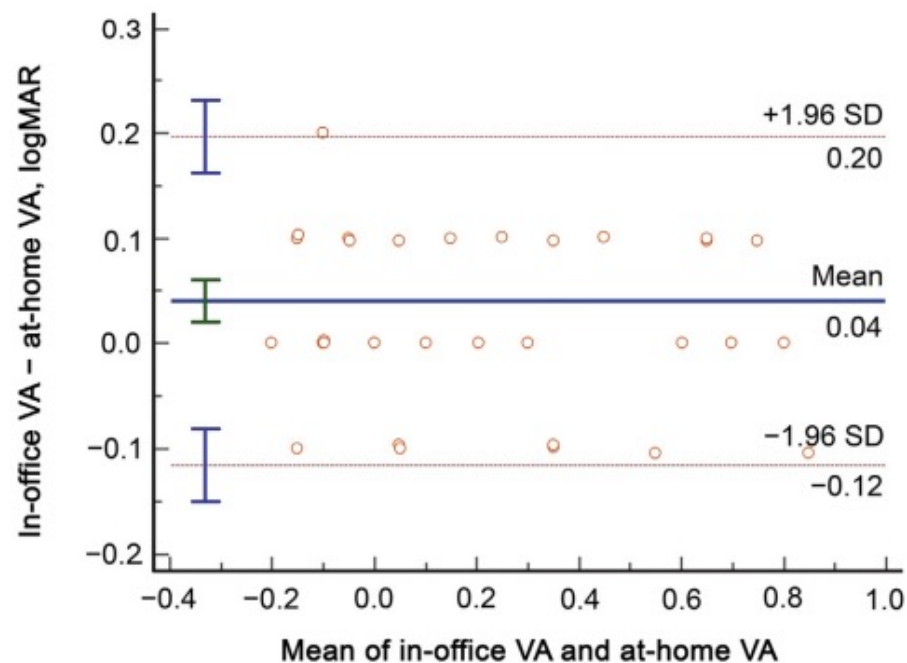


FIG 2. Bland-Altman plot comparing E-ETDRS visual acuity test results obtained in office and at home for 31 children (62 eyes) 7-12 years of age.