

Forest inventory parameters of low-
density Norway spruce plantations
Juris Katrevics

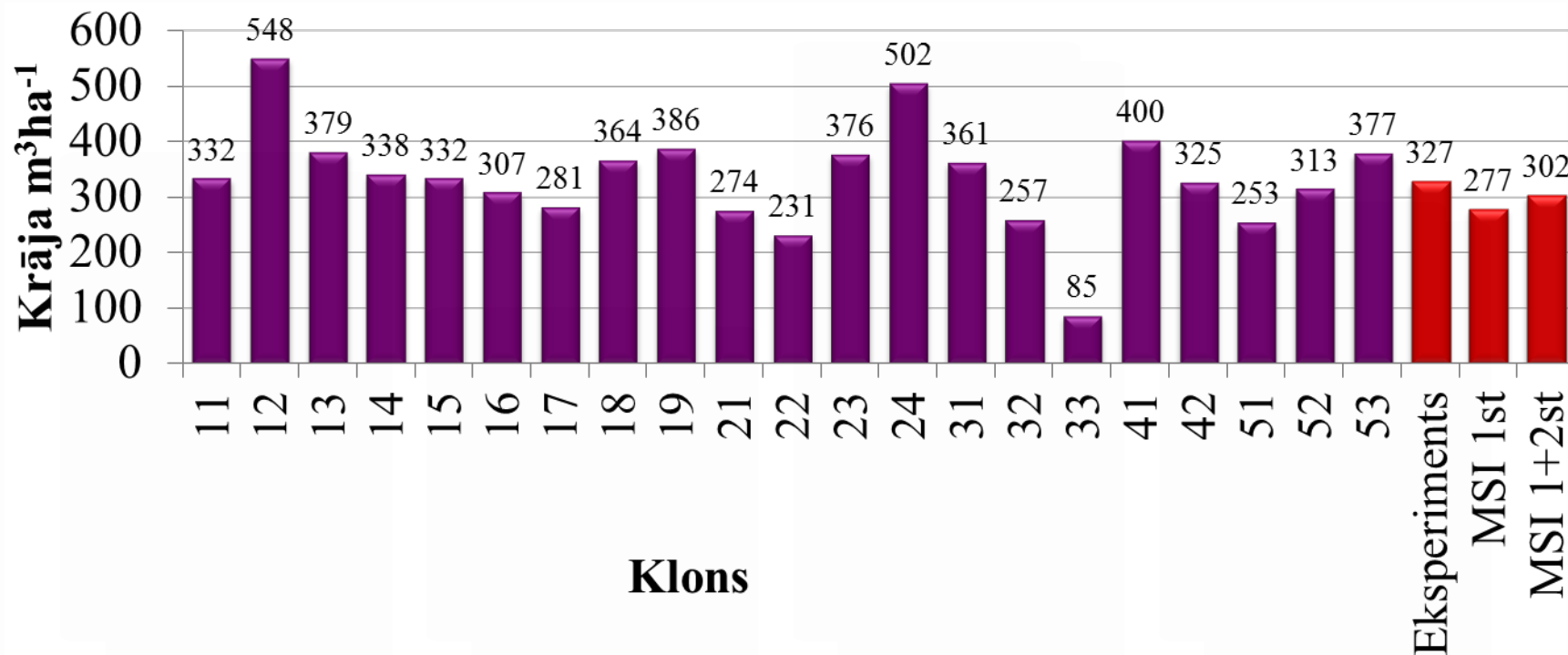
Zema biezuma egļu audžu parametri

**Valsts pētījumu programma "Meža un zemes dzīļu
resursu izpēte, ilgtspējīga izmantošana – jauni
produkta un tehnoloģijas" (ResProd)**

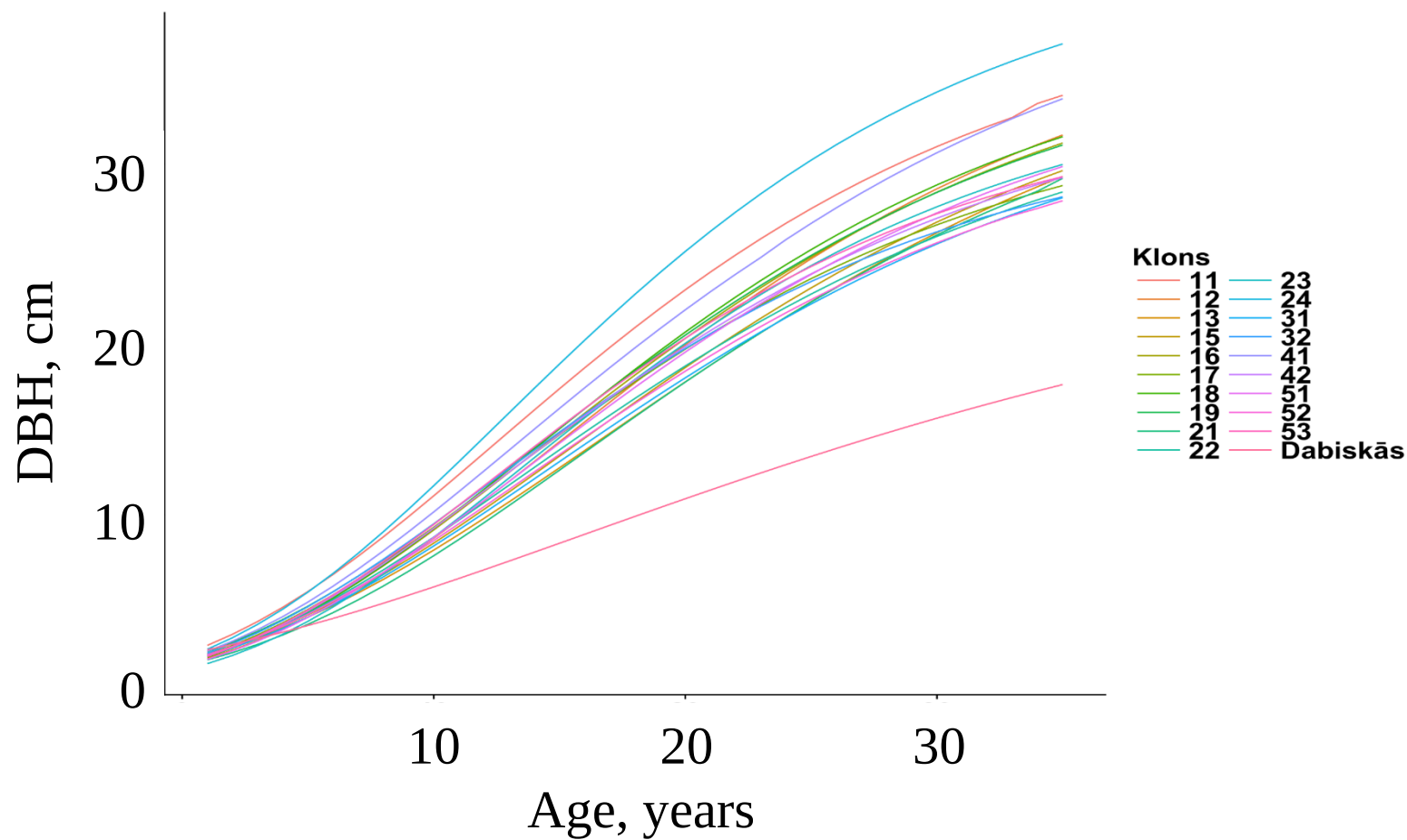
Material

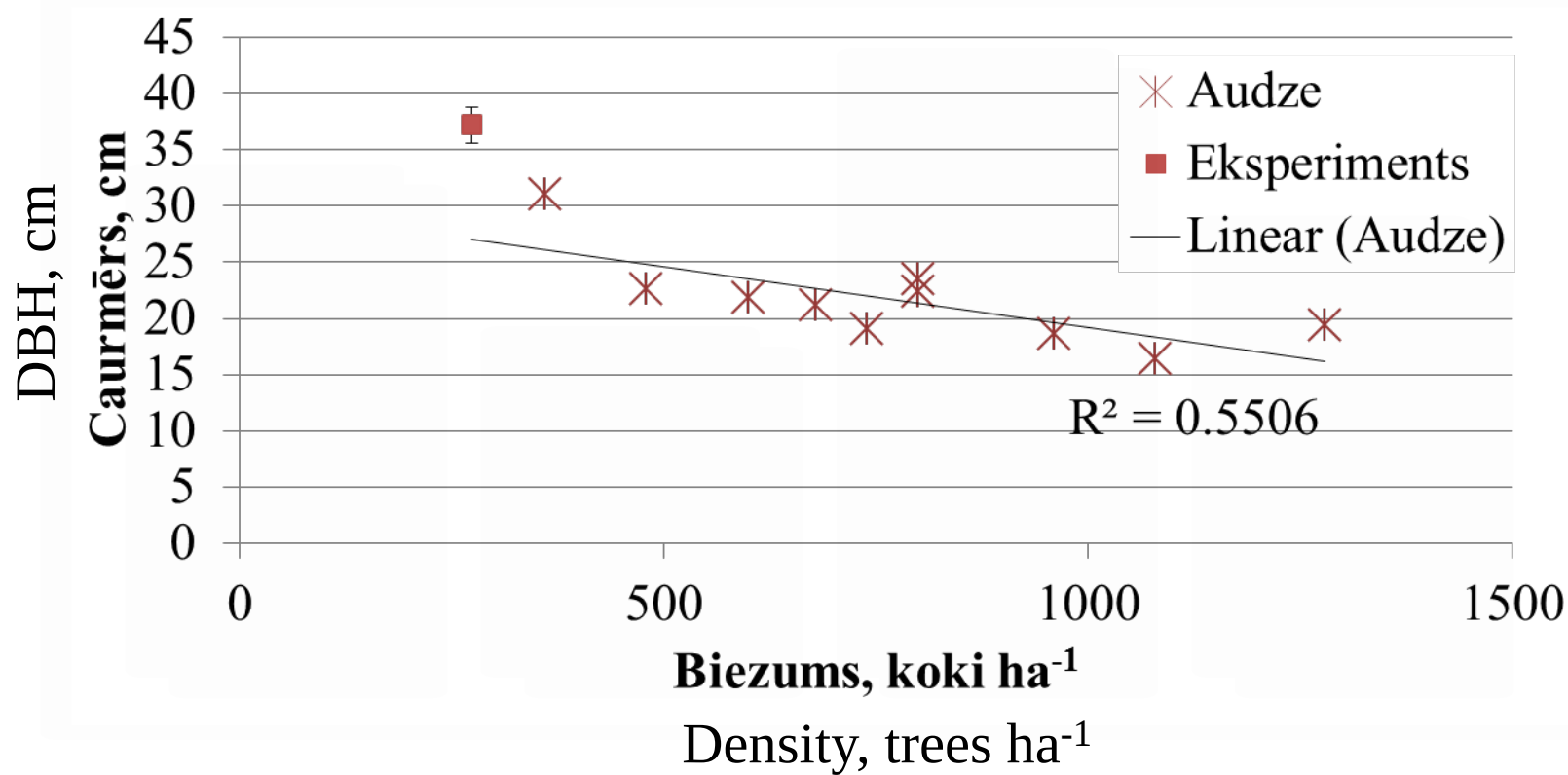
- Clones
- Dm/Vr
- 400 trees ha⁻¹ (5x5 m)
- Age 50 years
- NFI, Dm/Vr, 10E, 45-55g.v.





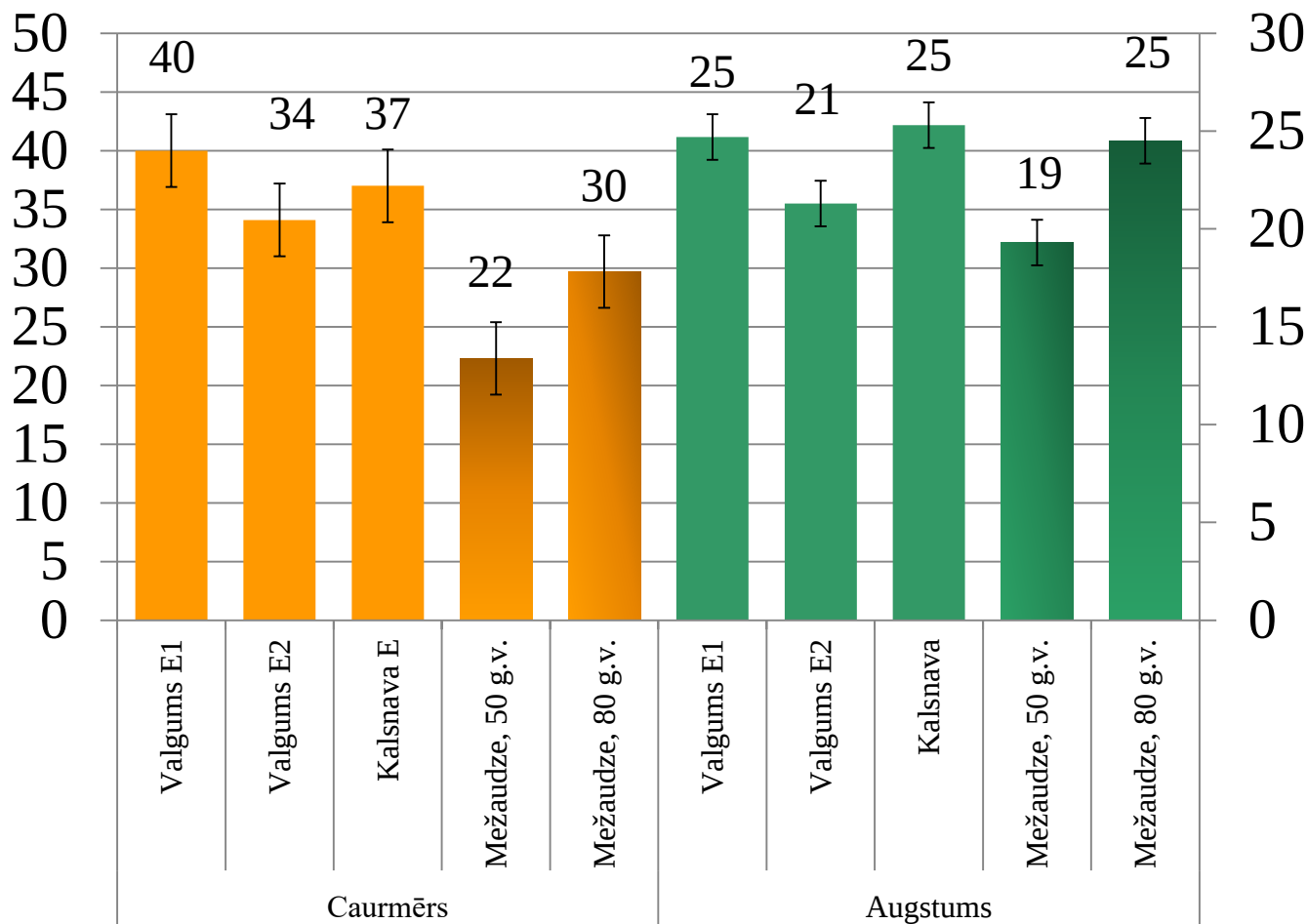
Mean yield significantly different than in forest stands (327 ± 42 and 277 ± 56 m³ha⁻¹); significantly affected by genotype (clone)





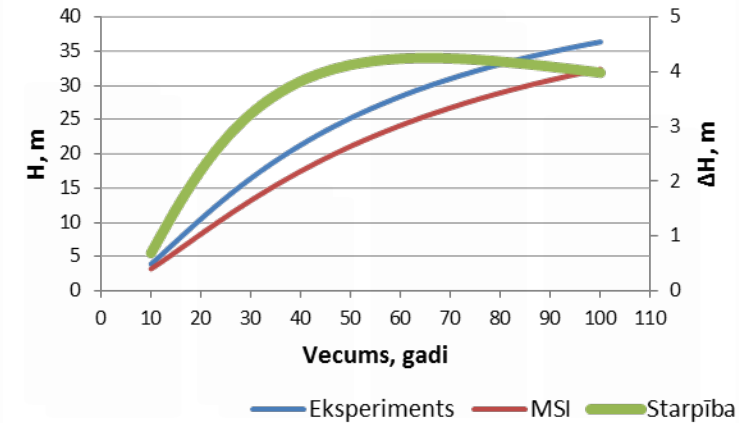
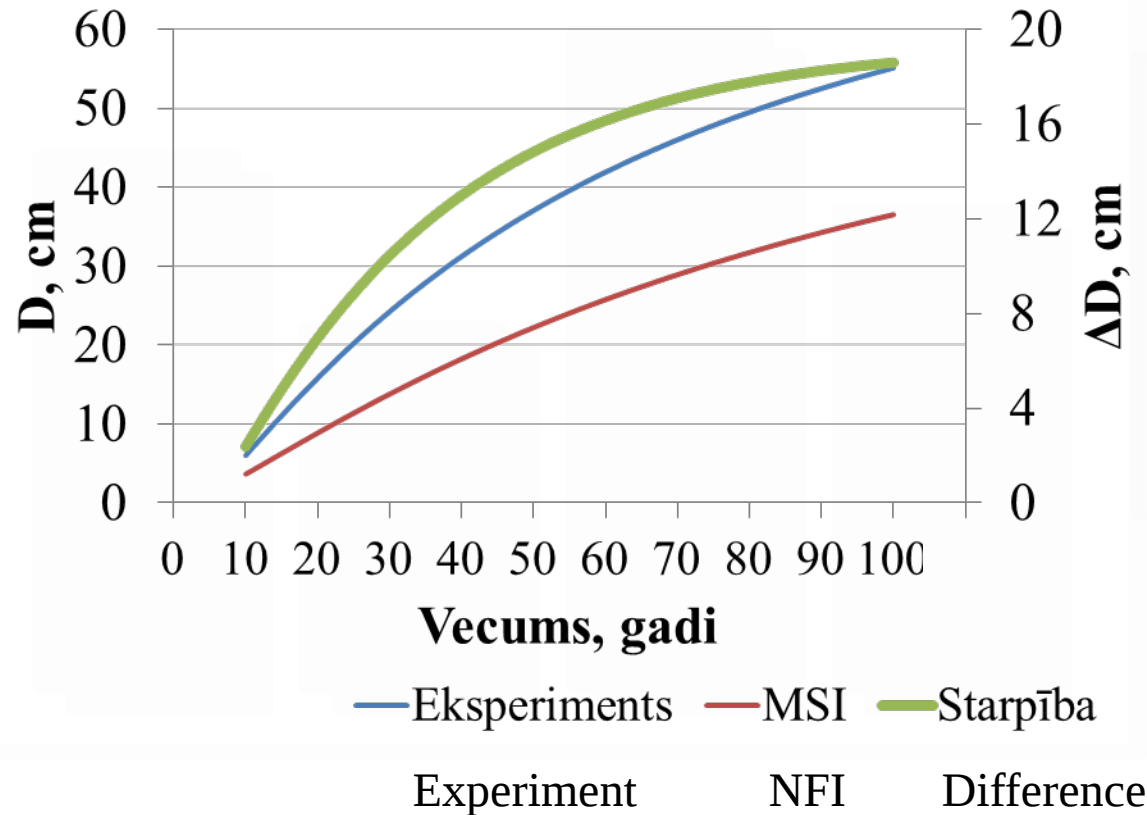
DBH, cm

Egles vidējais caurmērs, cm



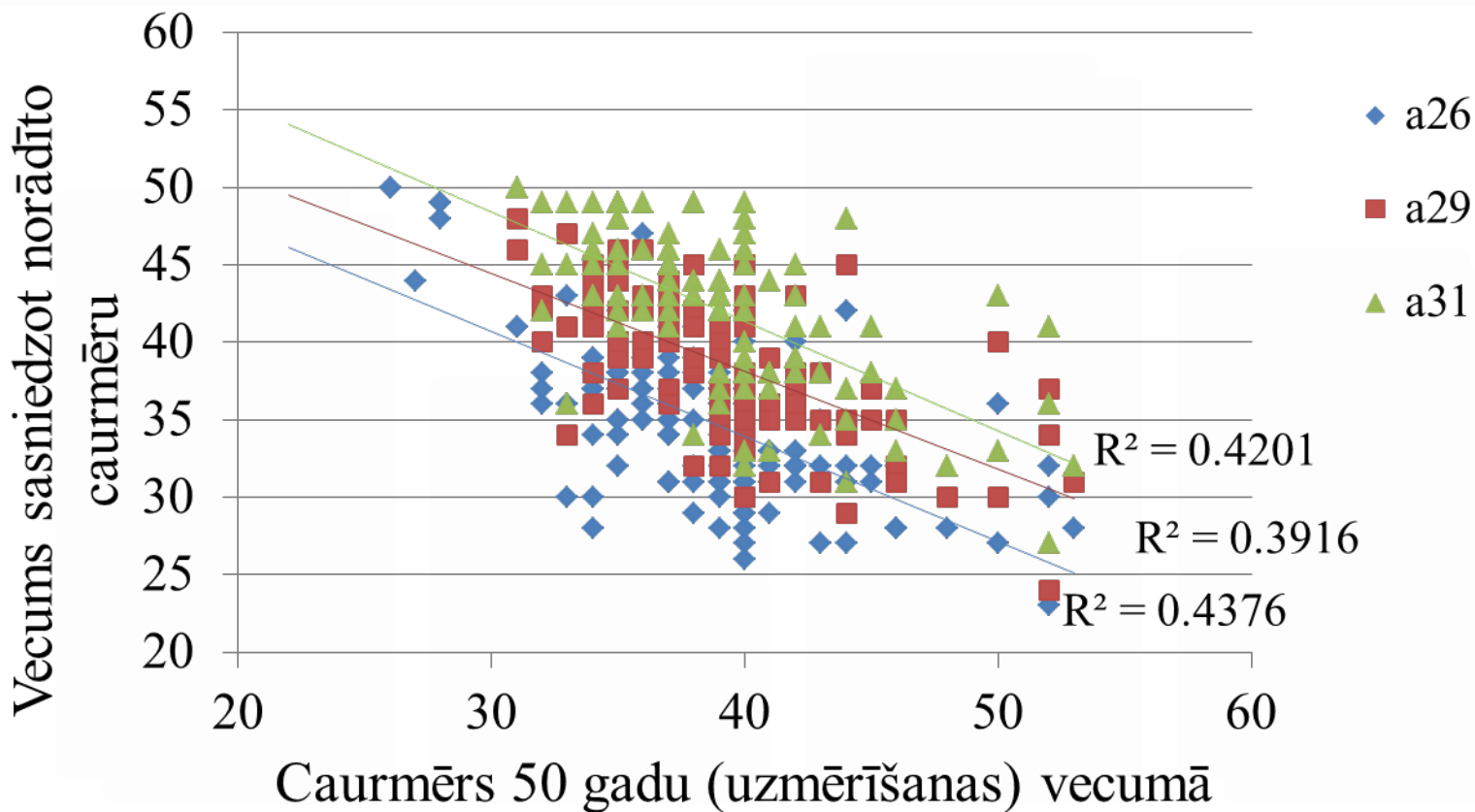
H, m

Egles vidējais augstums, m



Growth models by «Silavas»

DBH difference culminates at the age of 50-60 years (16 cm),
height – at the age of 40-50 years (4.5 m)



- Target diameter 26, 29, 31cm reached at the age 35, 39, 42 years
- Significant differences between clones





Thank You!

Paldies !