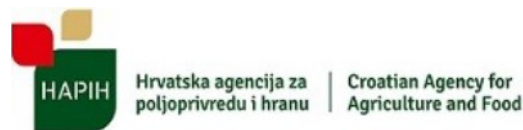


Genetski trendovi za svojstva mliječnosti u populaciji istarske ovce

Doc. dr. sc. Ante Kasap, Vedran Poslon, Dr. sc. Marija Špehar



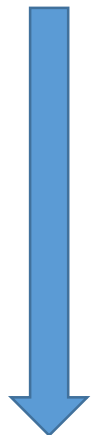
01.10.2021. | Rabac | Hrvatska

Istarska ovca

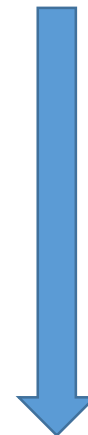


- Istarski poluotok (18 st.)
- Prepoznatljiva vanjština
- Kombinirana proizvodnja
- Primarni cilj – mlijeko
- ~ 5-6 mjeseci, ~ 150 kg

Produktivnost = genotip + okolišni čimbenici



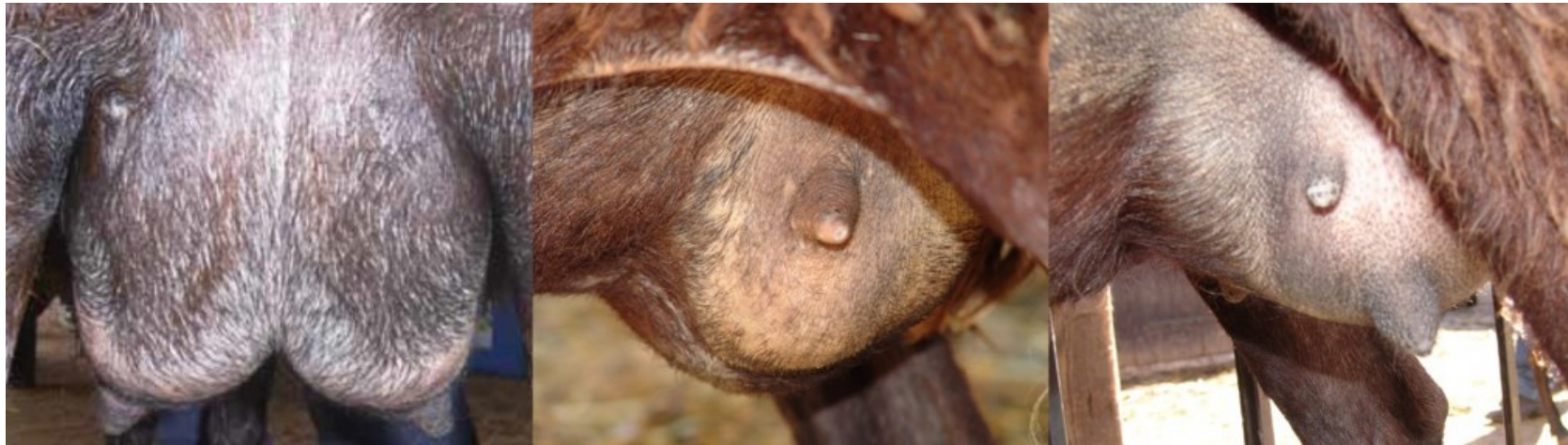
- Križanja
- Uvoz genetike
- Selekcija



- Hranidba
- Smještaj (zoo higijena)
- Zdravstvena zaštita
- Postupanje sa životinjama

Selekcija – mlijeko

- količina proizvedenog mlijeka
- kemijski sastav mlijeka
- plodnost, dugovječnost i otpornost na bolesti
- konformacija vimena



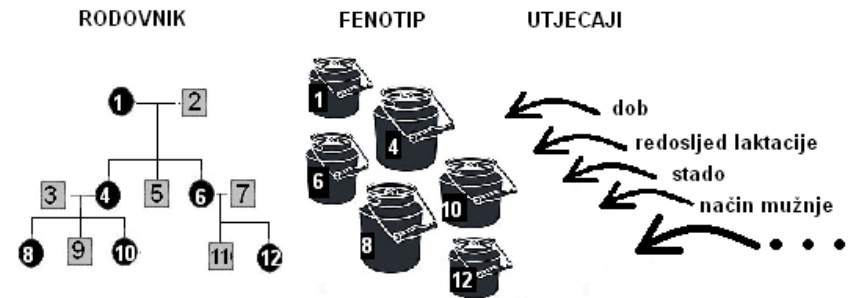
Cilj istraživanja

- Utvrditi što se događa s “Istrijankom” u posljednje vrijeme!
- Genetski napredak, nazadak ili stagnacija po pitanju mliječnosti???
- Da li je to moguće utvrditi i kako se to radi?
- DA, procjenom genetskih trendova
- Poznavanje UV i godina rođenja jedinki u popuaciji

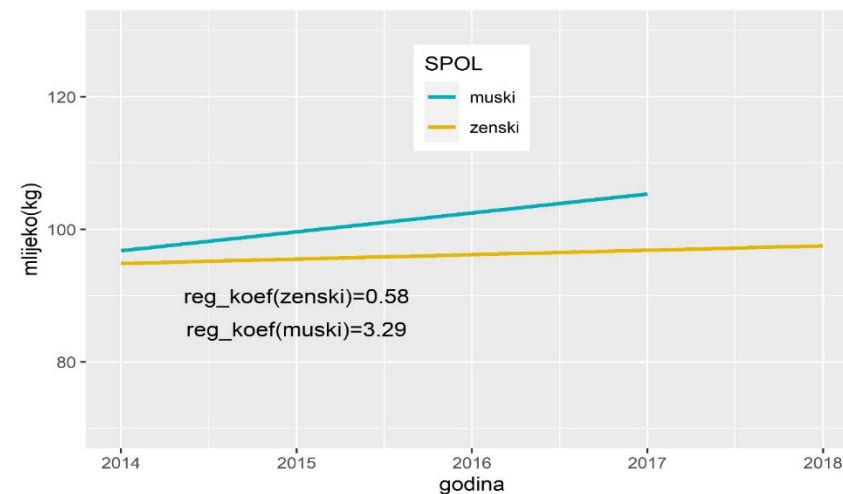
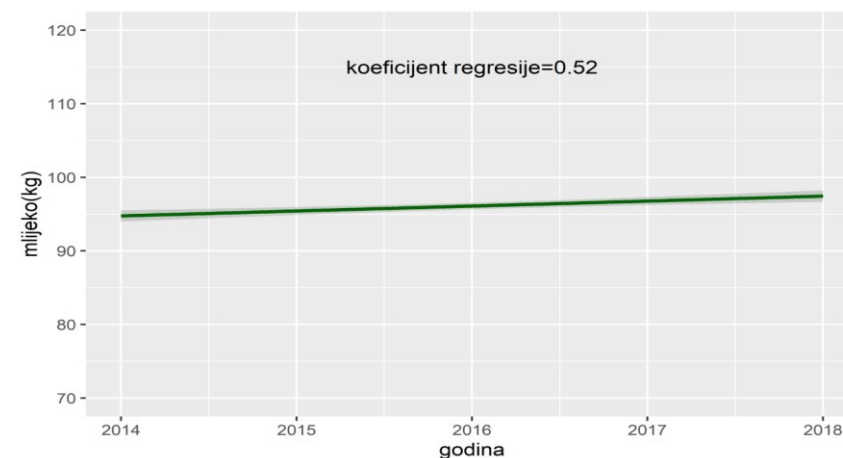
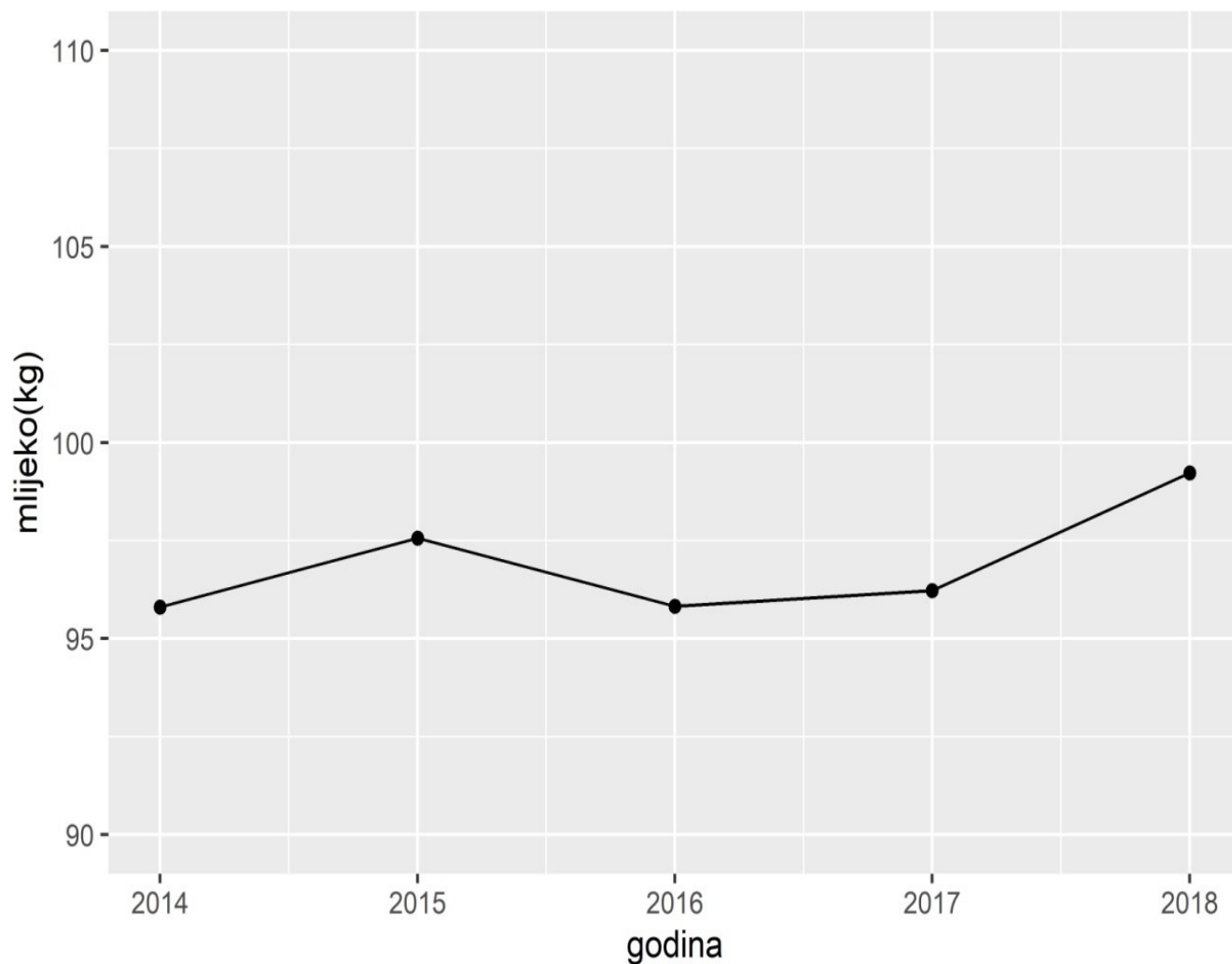


Uzgojna vrijednost ???

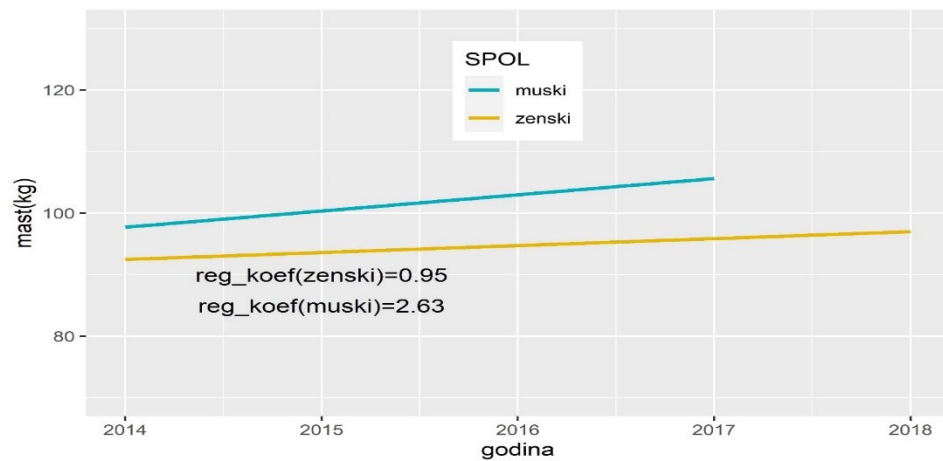
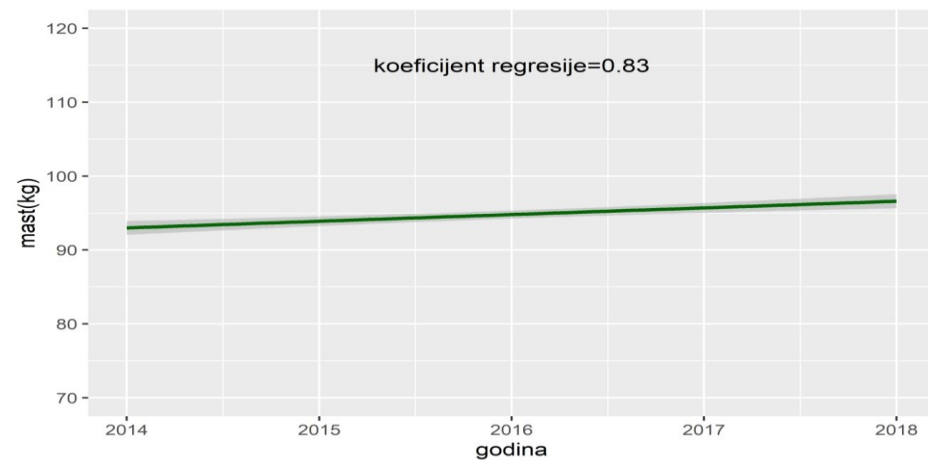
- “Talent” za neko svojstvo!
- Različiti načini procjene (proizvodni podaci)
- BLUP
- Rangiranje (kriterij odabira)
- Promjenjiva s dotokom novih informacija
- Procjenjiva neovisno o spolu



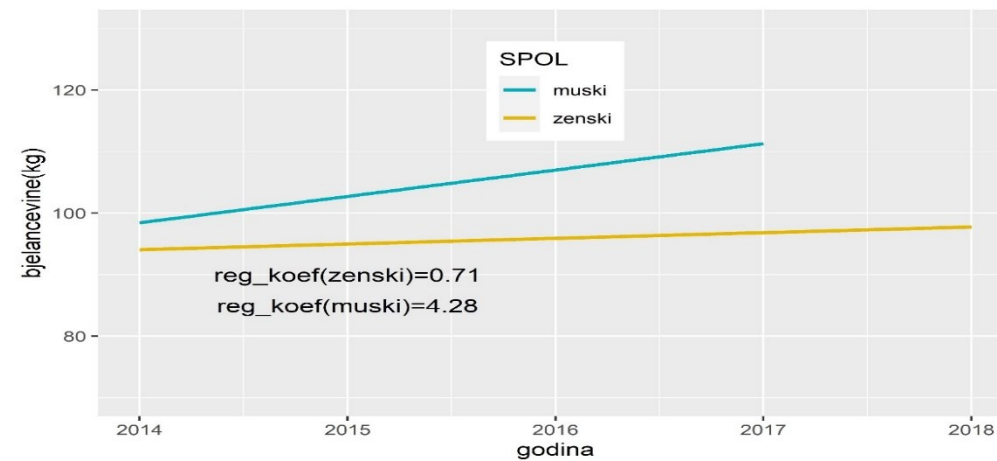
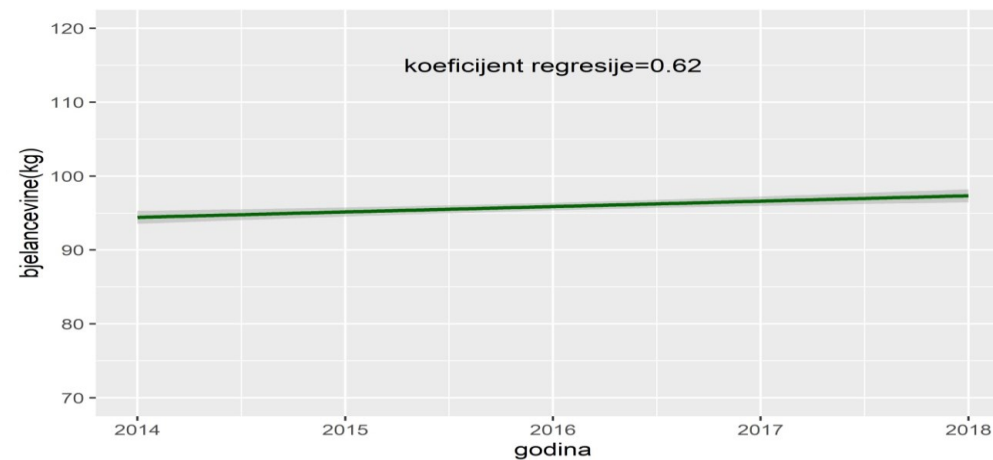
Genetski trendovi –količina mlijeka



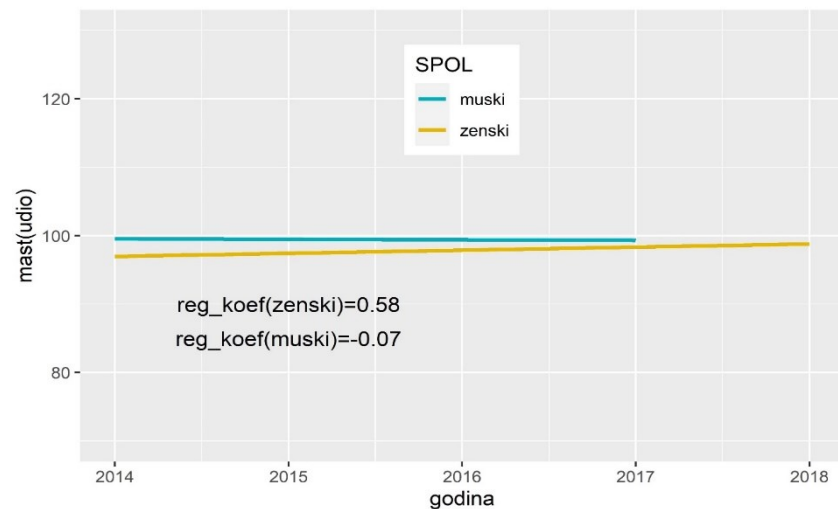
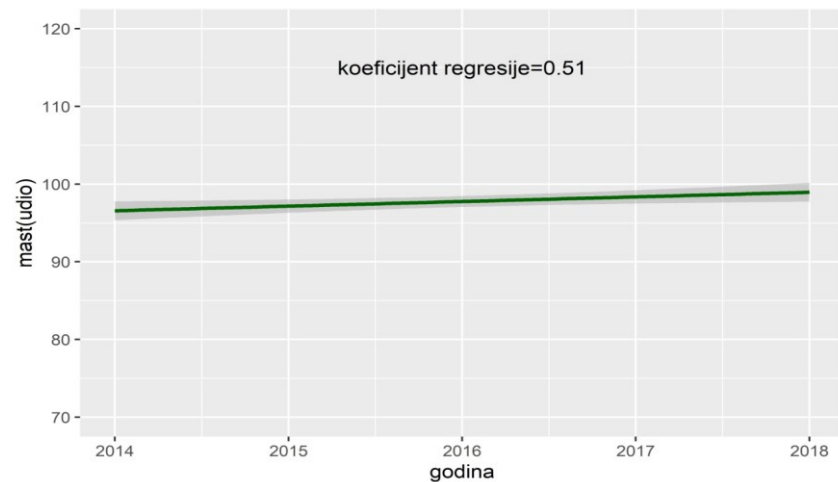
MAST (kg)



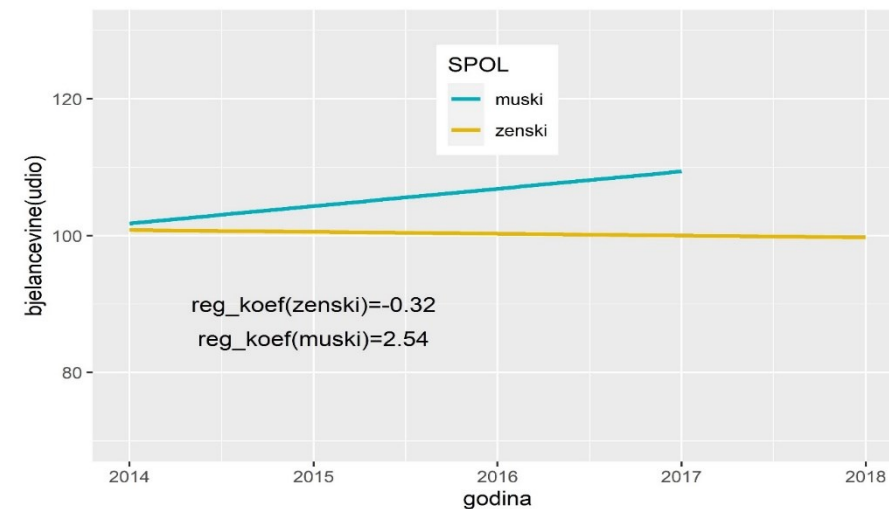
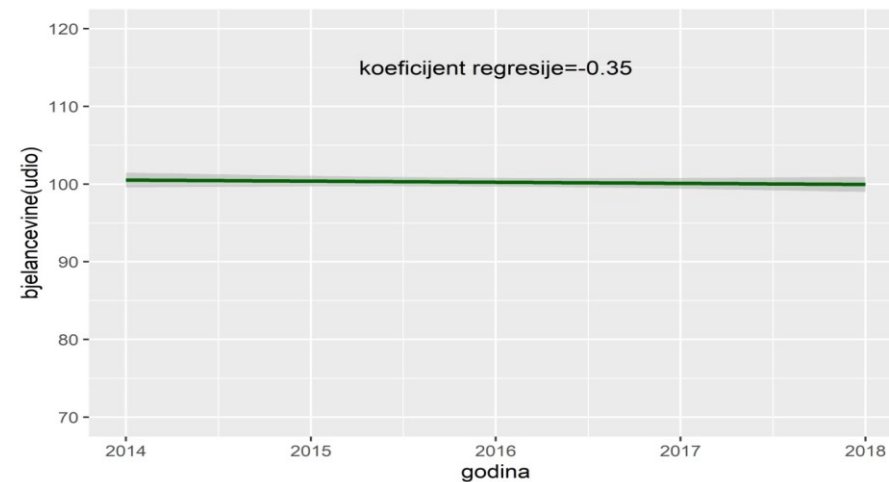
BJELANČEVINE (kg)



MAST (%)



BJELANČEVINE (%)



Populacijski genetski parametri

Article

Estimation of Population-Specific Genetic Parameters
Important for Long-Term Optimum Contribution
Selection—Case Study on a Dairy Istrian Sheep Breed

Ante Kasap ^{1,*}, Jelena Ramljak ¹ and Marija Špehar ²

GI (Years)	$Ne_{NEG \geq 4}$
1 (2012–2015)	92
2 (2013–2016)	85
3 (2014–2017)	78
4 (2015–2018)	73

PORUKA UZGAJIVAČIMA !!!

- Biološko blago u dobrim rukama
- Produktivnost == Opstojnost
- “Prostor” za napredak
- Odabir na temelju UV
- Tonost prikupljanja podataka !

