



Entropion EBVs at GDB-Update 2023

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Guide Dogs for the Blind





Selection Principals

You Can't Select For Everything!

- Choose your selection traits
- Prioritize your traits
- Choose your selection method
- Determine selection intensity
- Calculate Estimated Breeding Values

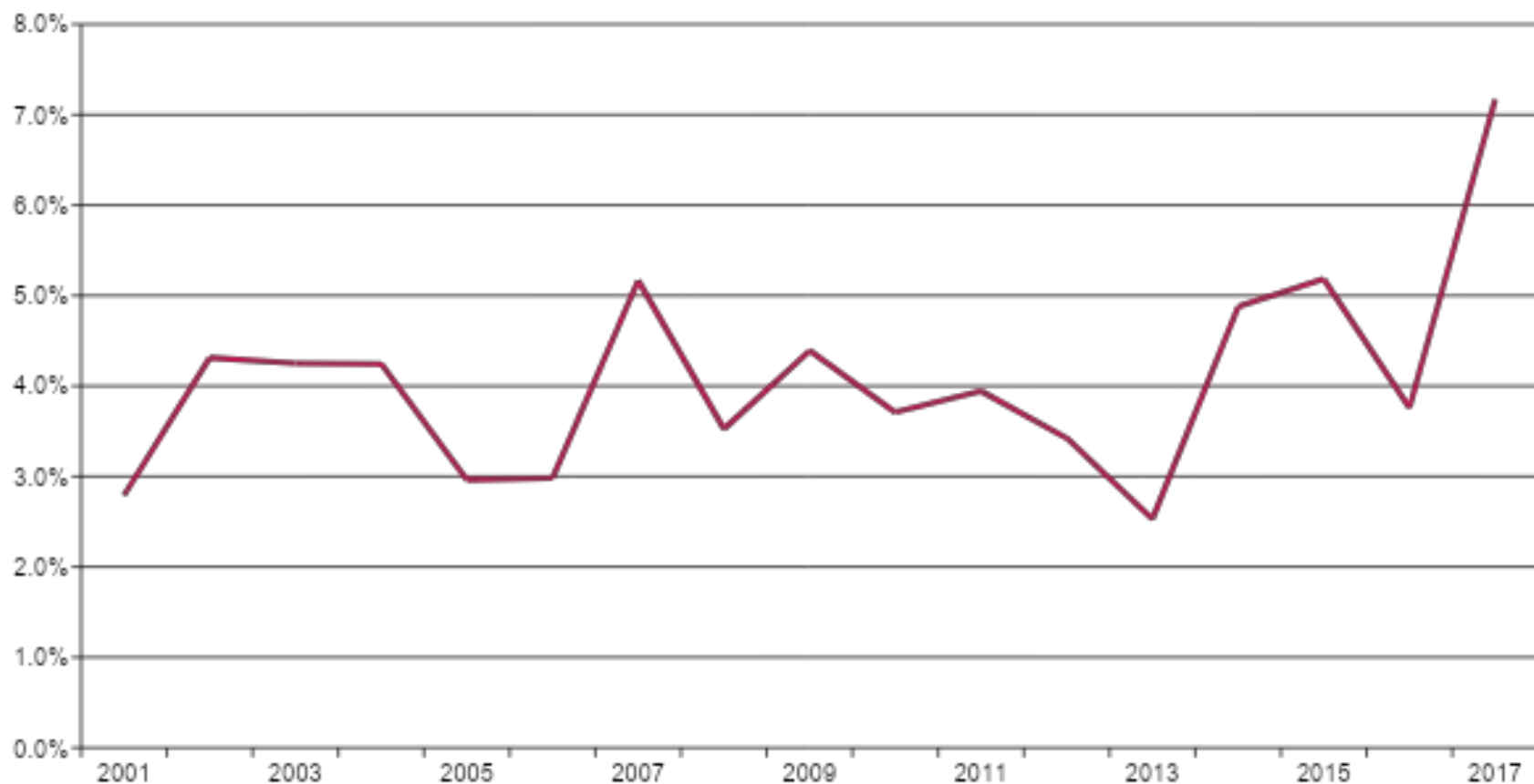






2001-2017

Percentage of PRP's with entropion repair





Selection Principals

- **Choose your selection traits**
 - Is the trait inherited?
 - To what degree?
 - Range is from 0 to 1
- GDB Entropion heritability is 0.66



Traits at GDB

Trait	Heritability
Cataracts	0.19
Medical	0.22
TVD	0.28
Success	0.34
Distraction	0.35
Control Factor	0.37
Fear	0.44
Temperament	0.45
Entropion Dx	0.66
Entropion Dx + repair under 12 wks	0.68
Entropion Repair	0.74



Considerations

- Does not disqualify a dog from the program
- Discomfort
- Resources
 - Vet
 - Other staff
- Post surgery care
- Isolation
 - Decreased socialization
- Delay in placement



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Selection Intensity at GDB

- Affected Active Breeding Stock
 - Offspring
- Affected puppies
- Littermates of Affected Puppies
- Litters with Multiple Affected Puppies

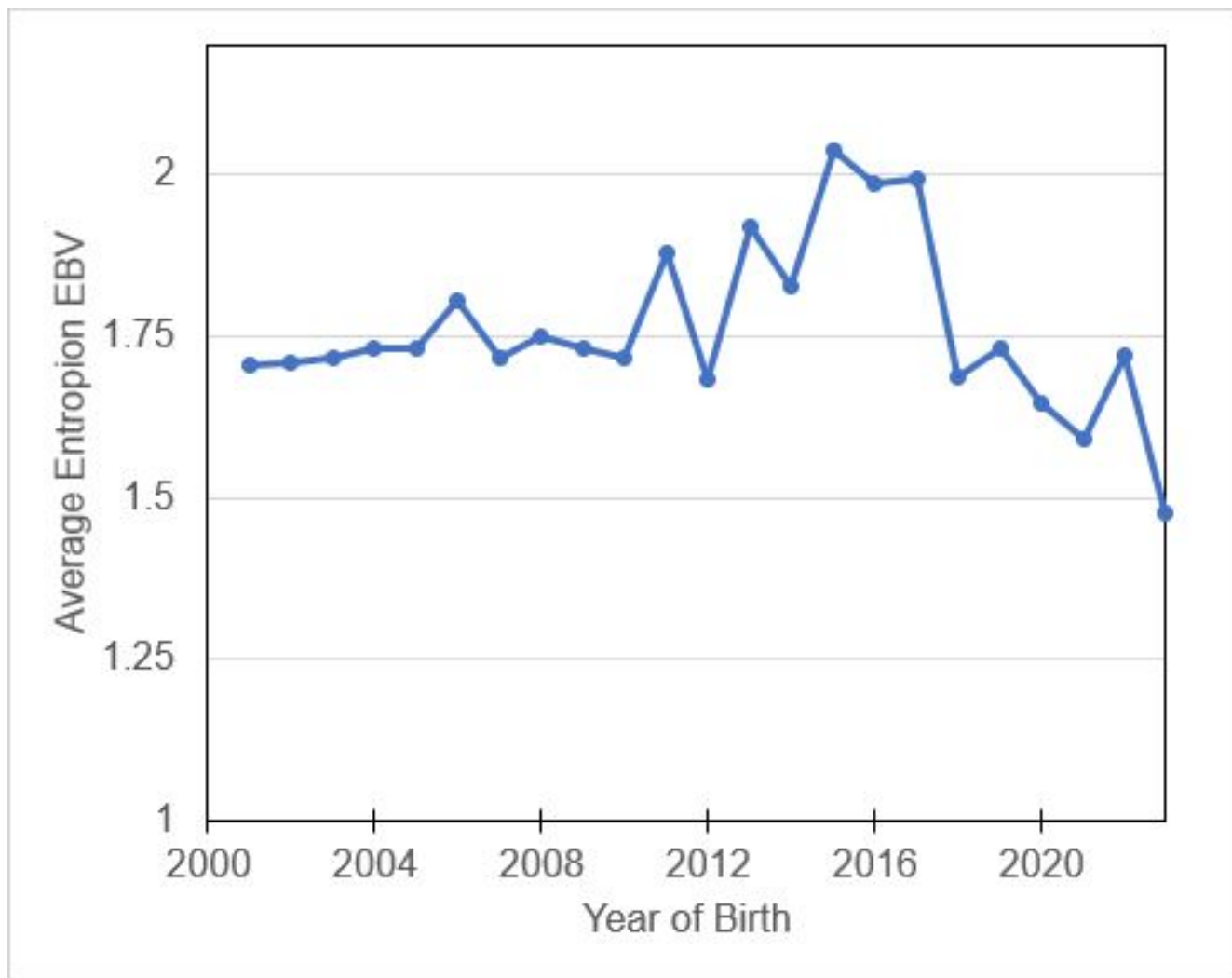


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Average Entropion EBV





2001-2022

Percentage of PRP's with entropion repair





FY	# of entropion procedures
2015	44
2016	32
2017	54
2018	54
2019	36
2020	17
2021	9
2022	11

