IBD Segments In ex Families

Length Proportion of IBD1 Segments ($\pi_1$)

Length Proportion of IBD2 Segments ($\pi_2$)

- MZ Twin
- Parent–Offspring
- Full Siblings
- 2nd–Degree
- 3rd–Degree
- More Distant
- Unrelated
Kinship vs Proportion IBD (Corr=0.016) in ex Families

Estimated Kinship Coefficient ($\phi$)

Proportion of Genomes IBD ($\pi = \pi_2 + \pi_1 / 2$)
IBD Segments In Inferred ex Relatives

- Length Proportion of IBD1 Segments ($\pi_1$)
- Length Proportion of IBD2 Segments ($\pi_2$)

Legend:
- Inferred MZ
- Inferred PO
- Inferred FS
- Inferred 2nd
- Inferred 3rd
- Inferred 4th
- Inferred UN

Graph shows the relationship between the length proportions of IBD1 and IBD2 segments for different inferred relationships.
Kinship vs Proportion IBD (Corr=0.984) in Inferred ex Relatives

Estimated Kinship Coefficient ($\phi$)

Proportion of Genomes IBD ($\frac{\pi_2 + \pi_1}{2}$)

- Inferred MZ
- Inferred PO
- Inferred FS
- Inferred 2nd
- Inferred 3rd
- Inferred 4th
- Inferred UN