DNAxs/DNAStatistX:
A software suite for the data management and probabilistic interpretation of DNA profiles

DNAxs workshop 2024

Preliminary program day 1: Tuesday 16th of January 2024

Time (CET)	Subject	
9:00h	Welcome and introduction	
10:00h	Introduction to DNAxs	
10:15h	Demonstration of the basic functionalities of DNAxs such as:	
	• Profile comparisons	• DNA database searches
	• Match matrix	• Import/export option
	• Inference of a major donor	• Audit trial
	• Create conclusions of interpretations	
10:45h	Break	
11:00h	Hands-on exercise 1 in parallel: DNAxs basic functionalities	
12:00h	Lunch break	
13:00h	Demonstration of the DNAStatistX module (incl. propositions with relatedness)	
13:30h	Likelihood ratio calculations using DNAStatistX (MLE) and trouble shooting	
14:30h	Break	
14:45h	Hands-on exercise 2 in parallel: DNAxs & DNAStatistX	
16:00h	Semi continuous and top down approach (including exercise 3)	
17:00h	End of day 1	

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Preliminary program day 2: Wednesday 17th of January 2024

Time (CET)	Subject
09:00h	Welcome
09:05h	Software validation & guidelines for best practice
09:35h	Kinship module (including exercise 4)
10:05h	Further DNAxs functionalities such as: • Reporting • Case overview • DNA database searches including ProbRank and TopDown • Other connectivities, use of APIs
10:45h	Break
11:00h	How to use DNAxs within your laboratory: Set parameters for laboratory specific data
11:15h	DNAxs practical session using participants' own data (or additional data provided)
12.30h	Lunch break
13:30h	Implementation of DNAxs within NFI, including discussion
14:30h	Break
14:45h	Case examples (from straight forward to complex) through the DNAxs NFI process
16.45h	Further discussion, evaluation and wrap up
17:00h	End of day 2

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Preliminary program day 3: Thursday 18th of January 2024

Time (CET)	Subject
09:00h	Welcome
09:05h	Overview of advanced settings in DNAxs
09:25h	Exercises on complex data/situations, such as: • Model validation failure • Stutter model • Multiple persons of interest
10:45h	Break
11:00h	Continued exercises
12:30h	Lunch break
13:30h	Future plans for the DNAxs software development and support for implementation and use
14:00h	Further discussion, questions, evaluation and wrap up
15:00h	End of workshop

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