



## 1<sup>st</sup> Workshop on missing values and estimands in diagnostic accuracy studies

September 15<sup>th</sup> (9.00am – 4.00pm) and 16<sup>th</sup> (9.00am – 2.00pm), 2022  
University Medical Centre Hamburg-Eppendorf  
Institute for Medical Biometry and Epidemiology

Participation in presence: Building N55 Room 310/311

Participation online:

<https://uni-hamburg.zoom.us/j/62638338328?pwd=MnNYd011Vnc5bTRCcWFweENSc2RCUT09>

Meeting-ID: 626 3833 8328

Code: 66793303

	<b>Time</b>	<b>Speaker</b>	<b>Topic / Title</b>
<b>Thursday</b>	9.00 - 9.30 am	Zapf A	Welcome and Introduction into diagnostic studies
	9.30 - 10.30 am	Bossuyt P	Bias resulting from missing values in test accuracy studies
	10.30 - 11.00 am	<i>Break</i>	
	11.00 - 11.45 am	Dendukuri N	Modeling approach for diagnostic studies where the gold-standard is absent
	11.45 - 12.30 am	Stahlmann K	Methods to handle missing values in gold standard and index test and approaches for inconclusive test results
	12.30 - 1.30 pm	<i>Lunch</i>	
	1.30 - 2.30 pm	Akacha M	Introduction into Estimands in therapeutic studies
	2.30 - 3.30 pm	Fierenz A, Rackow B	The Estimand Framework in diagnostic studies
	3.30 - 4.00 pm	Closing discussion	
From 4.00 pm	<i>Social program and dinner</i>		
<b>Friday</b>	9.00 - 11.00 am	Clinicians, all	Presentation and discussion of practical examples
	11.00 - 11.30 am	<i>Break</i>	
	11.30 - 12.15 am	Reitsma H	Prognosis and prediction models
	12.15 - 1.00 pm	Van Smeden M	Predictimands
	1.00 - 1-45 pm	Westphal M	The role of estimands in machine learning algorithm evaluation
	1.45 - 2.00 pm	Zapf	Closing
	From 2.00 pm	<i>Lunch</i>	