

# Secure Fast Covariance Intersection Using Partially Homomorphic and Order Revealing Encryption Schemes

Response to Reviewers' Comments - Submission L-CSS 20-0282

Marko Ristic

Benjamin Noack

Uwe D. Hanebeck

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Dear Dr. Giovanni Cherubini,  
Dear Reviewers,

We would like to thank you all for your responses and agreement on accepting the manuscript. Throughout this response, reviewers' comments are typed in blue.

Sincerely,  
Marko Ristic, Benjamin Noack, and Uwe D. Hanebeck

## Response to the Editor's Report

E.1 All the reviewers are satisfied with the revision, and I recommend publication.

We are glad to hear this, and thank you for your recommendation.

## Response to the Comments of Reviewer 1 (29227)

R1.1 The authors have addressed my comments.

Thank you, we're happy we could address them all.

## Response to the Comments of Reviewer 2 (29229)

R2.1 The authors fulfilled my previous comments and fixed the problems. I do not have more comments. I suggest accepting the paper.

Thank you for your suggestion, we're glad we could fix all the problems from your comments.

## Response to the Comments of Reviewer 3 (24111)

R3.1 All my concerns have been addressed by authors during revision. My only suggestion to the current version is to add the units of each axis in Figs. 3 and 4.

We're glad this is the case. We thank you for pointing out the missing units and have added them in the manuscript accordingly.