## **Data-Availability Statement**

We have submitted for artifact evaluation the formalization of the  $\lambda_d$  as described in Sections 5 and 6, using the Coq proof assistant with some classical axioms. The main reproducible results are the machine-verified proofs of type-safety Theorems 6.1 and 6.2 for  $\lambda_d$ .

The version submitted with the article is available at https://doi.org/10.5281/zenodo.14982363. One can check if a newer version is available using https://doi.org/10.5281/zenodo.14534422 or https://github.com/tweag/destination-calculus.