

Data Access Agreement

Large Annotated Ultrasound Dataset of Non-Alcoholic Fatty Liver from Saudi Hospitals for Analysis and Applications

Creators

Fahad AlShagathrh

King Saud University Medical City

Liver Disease Research Center at King Saud University

National Guard Health Affairs

Description

The Large Annotated Ultrasound Dataset for Non-Alcoholic Fatty Liver Disease (NAFLD) is a valuable resource for researchers and developers working on AI-assisted diagnosis and staging of NAFLD. It comprises 10,352 high-resolution ultrasound images obtained from 384 patients at two major Saudi hospitals. The dataset includes detailed annotations, standardization processes, and technical validation to ensure consistency and reliability.

Key Features

- **Size and Diversity:** Images from a diverse patient population, capturing a wide spectrum of NAFLD severity.
- **Detailed Annotations:** Each image is annotated with NAFLD Activity Score (NAS) fibrosis staging and steatosis grading based on liver biopsy results.
- **Standardization:** Rigorous pre-processing, including size standardization and quality control.
- **Technical Validation:** Inter-rater reliability and image quality preservation assessments.

Potential Applications

- Development and evaluation of AI algorithms for accurate NAFLD diagnosis and staging.
- Research on the correlation between ultrasound image features and NAFLD progression.
- Support for the development of computer-aided diagnostic tools for clinicians.

Terms and Conditions for Data Access

1. **Permission Required:** Explicit written permission is required for any use, download, or copying of this dataset.
2. **Access Requests:** Interested parties must submit a formal access request, including details of intended use and affiliation, to [Fahad.Alshagathrh@gmail.com].
3. **Request Evaluation:** The data owner reserves the right to approve or deny access requests at their sole discretion.

4. Data Use Agreement: Approved users must sign a formal data use agreement outlining permitted uses, confidentiality obligations, and other conditions.
5. Prohibited Uses: Commercial use, redistribution, or sharing of the dataset without explicit written permission is strictly prohibited.
6. Rights Retained: The data owner retains all rights to the dataset and may modify or revoke access at any time.

Data Use Agreement

This Data Use Agreement ("Agreement") is made between Fahad Muflih AlShagathrh ("Data Owner") and [Recipient Name] ("Recipient"). It governs the terms and conditions under which the Recipient may access and use the Large Annotated Ultrasound Dataset of Non-Alcoholic Fatty Liver from Saudi Hospitals for Analysis and Applications ("Dataset").

1. Grant of Access

The Data Owner grants the Recipient a non-exclusive, non-transferable, revocable license to access and use the Dataset for the specific purpose of [describe purpose] as detailed in the access request submitted on [date].

2. Permitted Use

The Dataset may only be used for academic, educational, and research purposes. Any commercial use, redistribution, or sharing of the Dataset is strictly prohibited without prior written consent from the Data Owner.

3. Confidentiality

The Recipient agrees to maintain the confidentiality of the Dataset and will not disclose any part of the Dataset to third parties without the explicit written permission of the Data Owner. The Recipient will take all necessary precautions to prevent unauthorized access to the Dataset.

4. Data Security

The Recipient agrees to implement and maintain appropriate security measures to protect the Dataset from unauthorized access, use, or disclosure. This includes but is not limited to, secure storage and access controls.

5. Publication and Attribution

Any publications or presentations that use the Dataset must acknowledge the Data Owner and the Dataset. The Recipient agrees to provide the Data Owner with a copy of any such publications or presentations.

6. Compliance with Laws

The Recipient agrees to comply with all applicable laws, regulations, and institutional policies related to using the Dataset, including data protection and privacy laws.

7. Termination

The Data Owner reserves the right to terminate this Agreement and revoke the Recipient's access to the Dataset at any time, with or without cause.

8. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of [Jurisdiction].

9. Entire Agreement

This Agreement constitutes the entire agreement between the parties regarding the Dataset and supersedes all prior agreements and understandings, whether written or oral.

10. Amendments

Any amendments to this Agreement must be made in writing and signed by both parties.

Signatures

Data Owner:

Name: _____

Signature: _____

Date: _____

Recipient:

Name: _____

Affiliation: _____

Signature: _____

Date: _____