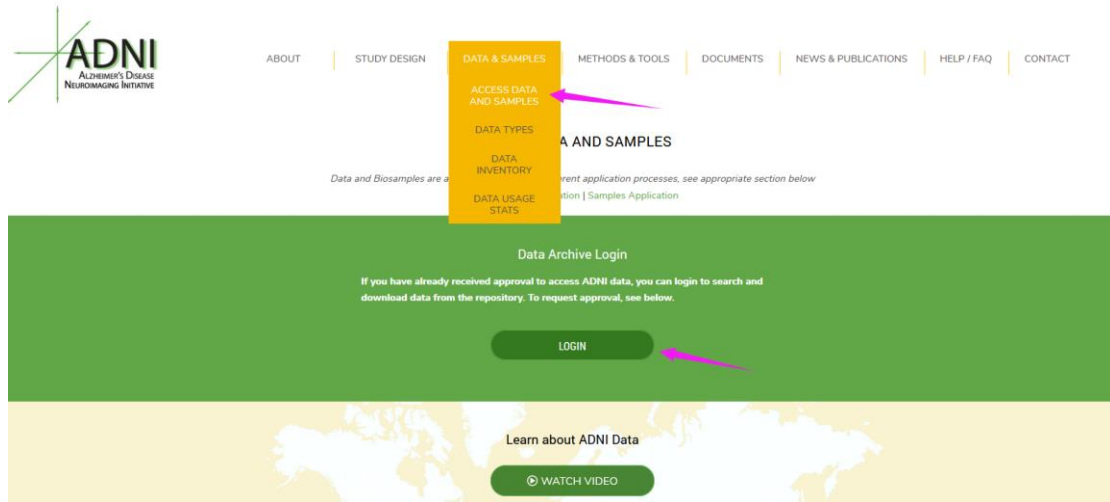
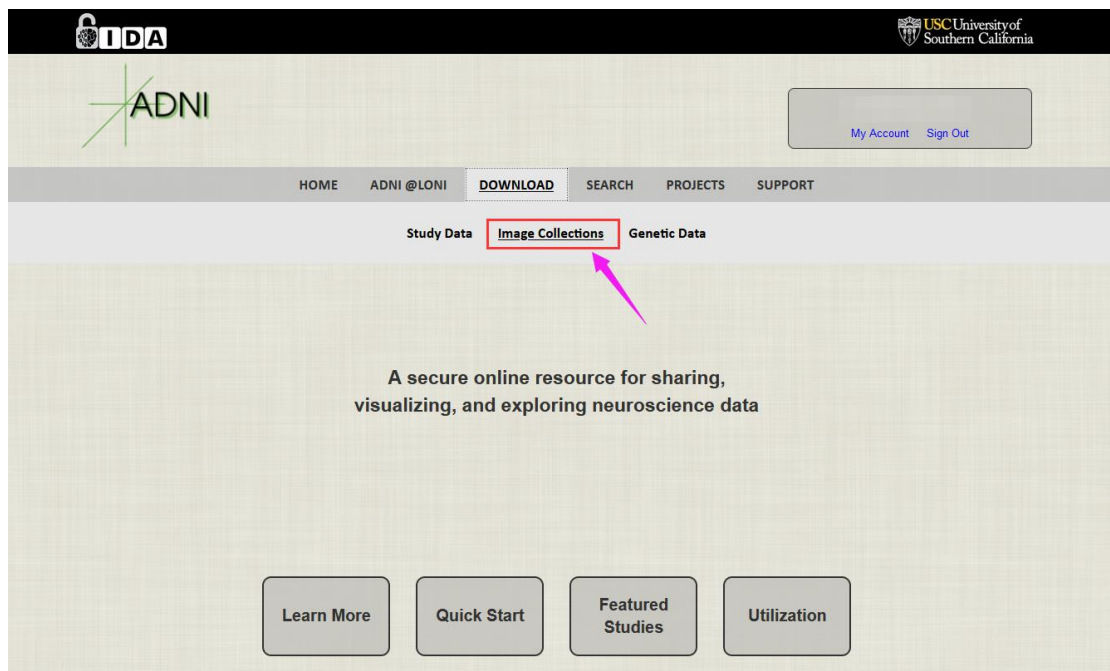


ADNI 数据准备

1、在 ADNI 网站 (<https://ida.loni.usc.edu>), 注册并申请获得 ADNI 数据库的访问权后, 点击 “Data & Samples” → “Access Data and Samples”



2、登录成功后, 点击 “Download” 页面中 “Image Collections”



3、在 “Advanced Search (beta)” 页面, 选定筛选条件。例如: (1) ADNI2 数据库; (2) AD 组; (3) 显示 “随访阶段” (Visit Phase); (4) 同时选定 MRI 和 fMRI 数据 (And)

LEGEND

Projects

Research Groups

Modalities

Help

Search

Advanced Search (beta)

Data Collections

Search Options

Exclude Previous Downloads

SEARCH SECTION

Project/Phase

Subject

Subject Specific Information

Assessments

Study/Visit

Image

Imaging Protocol

Image Status

Image Processing

IMAGE TYPES

Original

Pre-processed

Post-processed

Display Options

Order by:

Subject ID

and

and

Search Criteria

RESET ALL

Specify selection criteria using the checkboxes on the left. Wild cards (*) are permitted in fields marked with a star below. For example, "test*" returns results that begin with "test."

SEARCH

PROJECT/PHASE

Project

Phase

ADNI

ADNI 1

ADNI GO

ADNI 2

ADNI 3

RESET

Display in result

SUBJECT

Subject ID *

Age (years)

Sex

Weight (kg)

Research Group

Equals

Both

Equals

IMC

EMC

LMCI

Patient

AD

Phantom

SMC

Volunteer

CN

RESET

Display in result

STUDY/VISIT

Study Date

Archive Date

ADNI Screening

ADNI1GO Month 12

ADNI1GO Month 30

ADNI1GO Month 48

ADNI2 Screening MRI

ADNI2 Screening New Pt

ADNI2 Baseline-New Pt

ADNI2 Initial Visit-Cont Pt

ADNI2 Year 1 Visit

ADNI2 Year 3 Visit

ADNI2 No Visit Defined

ADNI2 Year 4 Visit

ADNI Baseline

ADNI1GO Month 18

ADNI1GO Month 36

Unscheduled

ADNI2 Screening MRI

ADNI2 Screening New Pt

ADNI2 Month 3 MRI-New Pt

ADNI2 Year 1 Visit

ADNI2 Year 4 Visit

ADNI2 Tau-only visit

ADNI2 Year 5 Visit

ADNI1GO Month 6

ADNI1GO Month 24

ADNI1GO Month 42

The Visit Defined

ADNI2GO Month 54

ADNI2GO Month 72

ADNI2 Screening MRI-New Pt

ADNI2 Month 6-New Pt

ADNI2 Year 2 Visit

ADNI2 Year 5 Visit

ADNI2 Initial Visit-Cont Pt

ADNI2 Year 3 Visit

OR

AND

Subject has at least one

RESET

Display in result

ADNI2 Baseline-New Pt

ADNI2 Initial Visit-Cont Pt

ADNI2 Year 3 Visit

ADNI2 No Visit Defined

ADNI3 Year 1 Visit

ADNI3 Year 4 Visit

ADNI2 Month 3 MRI-New Pt

ADNI2 Year 1 Visit

ADNI2 Year 4 Visit

ADNI2 Tau-only visit

ADNI3 Year 2 Visit

ADNI3 Year 5 Visit

ADNI2 Month 6-New Pt

ADNI2 Year 2 Visit

ADNI2 Year 5 Visit

ADNI3 Initial Visit-Cont Pt

ADNI3 Year 2 Visit

ADNI3 Year 6 Visit

IMAGE

Image Description *

Image ID

Modality

DTI

MRI

PET

MRI

OR

AND

Subject has at least one

RESET

Display in result

IMAGING PROTOCOL

(MRI)

Acquisition Plane

Acquisition Type

Field Strength (tesla)

Manufacturer

Matrix Z

Mfg Model

Slice Thickness (mm)

Weighting

(fMRI)

Field Strength (tesla)

Manufacturer

Slice Thickness (mm)

TE (ms)

TR (ms)

AXIAL

2D

Equals

GE MEDICAL SYSTEMS

SIEMENS

Equals

Achieva

Avanto

Espreo

Gyrosan NT

Intera

NUMARIS/4

SIGNA EXCITE

Skyra

SonataVision

TrioTim

PD

Equals

GE MEDICAL SYSTEMS

SIEMENS

Equals

Achieva dStream

Biograph_mMR

GEMINI

Ingenia

Intera Achieva

Obelix

SIGNA HDx

Skyra_fit

Symphony

Verio

T1

Equals

GE MEDICAL SYSTEMS

SIEMENS

Equals

Achieva dStream

Biograph_mMR

GEMINI

Ingenia

Intera Achieva

Obelix

SIGNA HDx

Skyra_fit

Symphony

Verio

CORONAL

3D

Philips

SIEMENS/PixelMed

Philips Healthcare

Philips Medical Systems

Philips

Philips Healthcare

Philips Medical Systems

SAGITTAL

DISCOVERY MR750

DISCOVERY MR750w

GEOSIS_SIGNA

Ingenia Etilion X

MAGNETOM Vida

Prisma

Signa HDxt

SkyraDicomCleaner

SymphonyTim

T2

Philips Healthcare

Philips Medical Systems

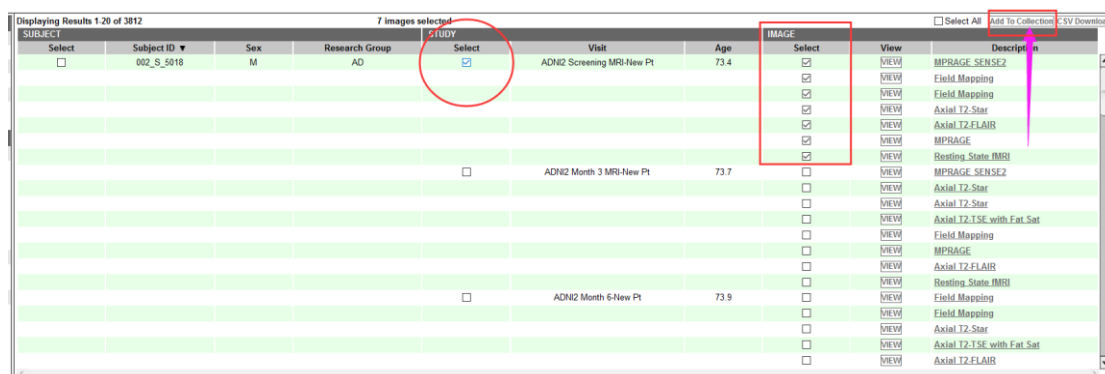
IDA Search

LEGEND: Projects | Research Groups | Modalities | Help

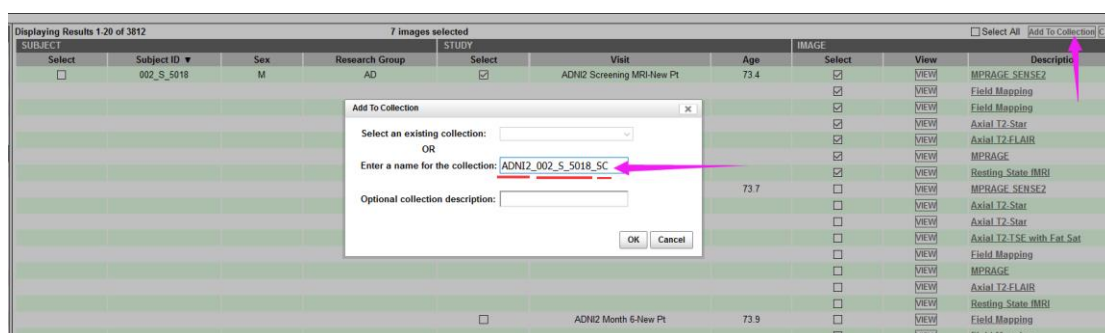
Search
Advanced Search (beta)
Advanced Search Results
Data Collections

Your Current Search		Displaying Results 1.20 of 3812										Select All	
Project Phase		0 Images selected										CSV Download	
		SUBJECT		STUDY		IMAGE							
		Select	Subject ID ▼	Sex	Research Group	Select	Visit	Age	Select	View	Description		
ADN2		<input type="checkbox"/>	002_S_0918	M	AD	<input type="checkbox"/>	ADN2 Screening MRI-New Pt	73.4	<input type="checkbox"/>	(VIEW)	MPRAGE, SENSE2		
AD		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Field Mapping		
Image Modality - AND		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Field Mapping		
MRI		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 Star		
fMRI		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 FLAIR		
Refine Your Search		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	MPRAGE		
Subject Age		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Resting State fMRI		
55-60 years (217)		<input type="checkbox"/>				<input type="checkbox"/>	ADN2 Month 3 MRI-New Pt	73.7	<input type="checkbox"/>	(VIEW)	MPRAGE, SENSE2		
60-65 years (268)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 Star		
65-70 years (421)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 Star		
70-75 years (750)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 Star		
75-80 years (1126)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 TSE with Fat Sat		
80-85 years (832)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Field Mapping		
85-90 years (304)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	MPRAGE		
Subject Sex		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 FLAIR		
Male (2162)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Resting State fMRI		
Female (1710)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Field Mapping		
Visit		<input type="checkbox"/>				<input type="checkbox"/>	ADN2 Month 6-New Pt	73.9	<input type="checkbox"/>	(VIEW)	Field Mapping		
ADN2 Screening MRI-New Pt (1143)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 Star		
ADN2 Month 3 MRI-New Pt (889)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 TSE with Fat Sat		
ADN2 Month 6-New Pt (787)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)	Axial T2 FLAIR		
ADN2 Year 1 Visit (783)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)			
ADN2 Year 2 Visit (633)		<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>	(VIEW)			

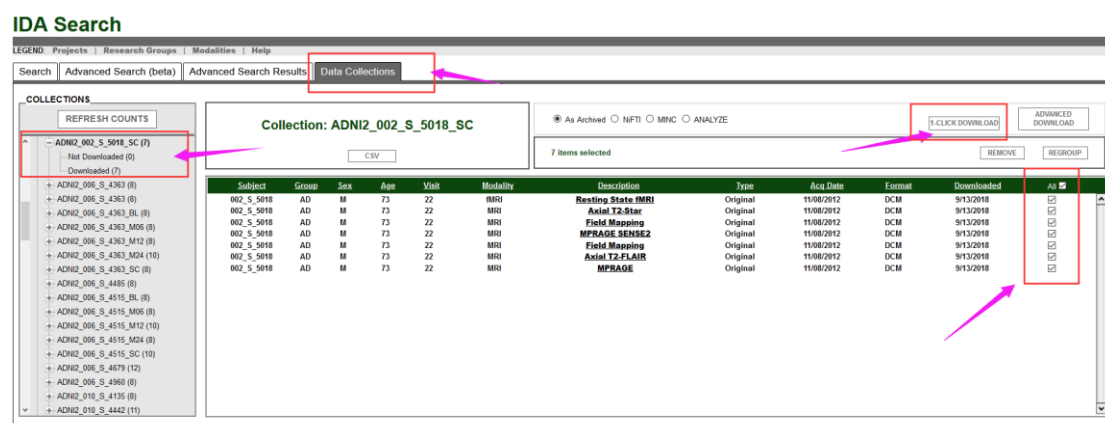
5、以每次随访为一个单位，勾选 “Select”，将该次随访数据全部保存。点击 “Add to Collection” 按钮。



6、在弹出框中，输入该样本的名称。建议如下，以“数据库名称_SubjectID_Visit”为命名方式，例如 “ADNI2_002_S_5018_SC”，保存。

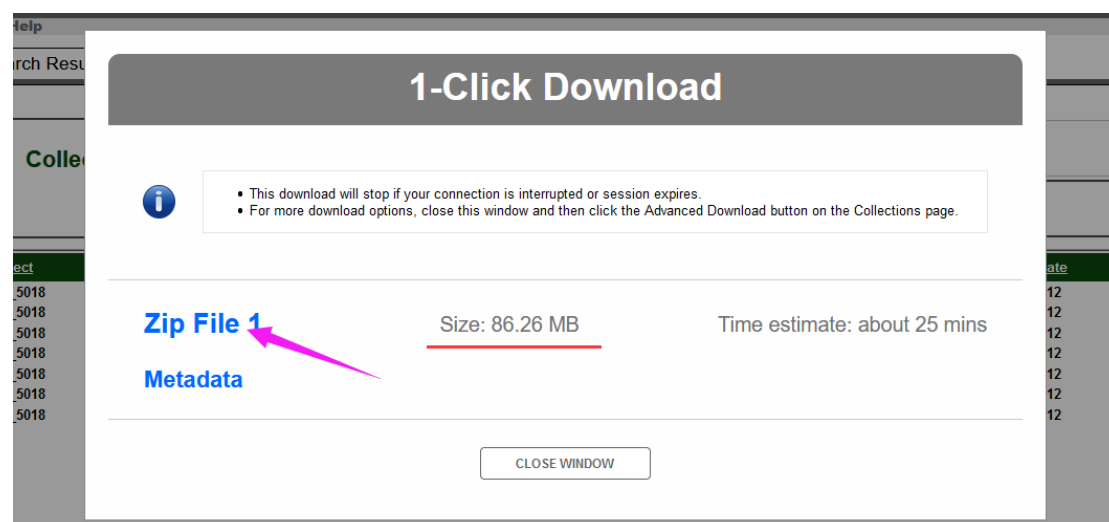


7、在 “Data Collections” 页面中，找到刚刚保存的数据，检查数据完整后，勾选 “ALL”，并点击 “1-Click Download” 链接。



8、在弹出框中，检查文件大小大约为几十兆到几百兆不等，右击 “Zip file 1”，

选择“另存文件为…”。



9、Important! 对压缩文件的命名必须如下：数据库名称_SubjectID.zip。例如：ADNI2_002_S_5018.zip。下载时间视网络情况，国内延时可能比较大。15 分钟左右。期间可能存在传输断开等情况，下载完成后，请尝试本地解压缩。确保压缩文件完整后，上传 dbcp.cuz.edu.cn 网站，进行数据预处理。

