

2019-12: ADNIGO2 MRI documents & data

UCDavis Biostat Core

December 05, 2019

Available ADNIGO/2 scans on LONI (scans between 2010/05/05 and 2016/12/31)

- Used MRILIST data
- “SEQUENCE” variable is used to identify MRI Type.
- Passing QC: used recently submitted ADNIGO2_MayoADIRL_MRI_Quality_20191106 file, Pass: series_quality in (1,2,3), Fail: series_quality in (-1, 4)
- ASL used UCSFASLQC data: QCRating = “Pass”

Type	All_N	Pass_QC
Accl.MPRAGE	4428	4421
ASL	1628	872
DTI	1090	1051
FatSat	1755	1687
FLAIR	4435	4423
fMRI	858	821
HighRes.Hippo	935	809
T2Star	4425	4402

All scans (All_N) by VISIT: duplicates are removed (One scan per VISIT)

(using MRILIST)

	Accl.MPRAGE	ASL	DTI	FatSat	FLAIR	fMRI	HighRes.Hippo	T2Star	NA
ADNIGO.SC	146	42	41	0	146	23	0	144	0
ADNIGO.M03	118	32	30	0	118	17	1	117	0
ADNIGO.M06	113	29	30	0	112	16	4	112	0
ADNIGO.M12	7	1	5	0	7	0	0	7	0
ADNIGO.M48	9	4	0	0	9	4	0	9	0
ADNIGO.M60	2	1	0	0	1	0	0	2	0
ADNI2.SC.New	1	0	1	0	1	0	0	1	0
ADNI2.SC.MRI	837	298	203	138	840	173	63	839	0
ADNI2.Init.Cont	139	42	33	6	140	26	0	139	0
ADNI2.M03	666	249	162	113	665	132	48	665	0
ADNI2.M06	600	225	135	131	600	128	61	600	0
ADNI2.M12	739	285	175	378	741	139	197	739	0
ADNI2.M24	619	244	157	579	623	126	318	621	0
ADNI2.M36	146	46	48	136	146	25	75	145	0
ADNI2.M48	257	121	57	248	257	47	155	257	0
ADNI2.M60	23	5	9	20	23	2	11	22	0
ADNI2.TauVisit	6	2	4	6	6	0	2	6	0
NA.	0	2	0	0	0	0	0	0	0
Total	4428	1628	1090	1755	4435	858	935	4425	0

Passing QC scans (Pass_QC) by VISIT: duplicates are removed (One scan per VISIT)

(using MRILIST, ADNIGO2_MayoADIRL_MRI_Quality_20191106, and UCSFASLQC)

	Accl.MPRAGE	ASL	DTI	FatSat	FLAIR	fMRI	HighRes.Hippo	T2Star	NA
ADNIGO.SC	145	8	40	0	146	22	0	144	0
ADNIGO.M03	118	13	30	0	118	16	0	115	0
ADNIGO.M06	112	18	28	0	112	15	0	112	0
ADNIGO.M12	7	1	5	0	7	0	0	7	0
ADNIGO.M48	9	2	0	0	9	4	0	8	0
ADNIGO.M60	2	0	0	0	1	0	0	1	0
ADNI2.SC.New	1	0	1	0	1	0	0	1	0
ADNI2.SC.MRI	837	178	196	133	840	166	54	836	0
ADNI2.Init.Cont	139	32	31	3	139	24	0	139	0
ADNI2.M03	666	155	156	102	664	129	38	661	0
ADNI2.M06	598	142	128	116	600	124	49	598	0
ADNI2.M12	738	178	171	359	736	133	163	736	0
ADNI2.M24	619	129	152	568	619	117	280	615	0
ADNI2.M36	145	14	46	132	145	24	67	144	0
ADNI2.M48	256	0	55	248	257	45	145	257	0
ADNI2.M60	23	0	8	20	23	2	11	22	0
ADNI2.TauVisit	6	0	4	6	6	0	2	6	0
NA.	0	2	0	0	0	0	0	0	0
Total	4421	872	1051	1687	4423	821	809	4402	0

- QC Date of ADNIGO2_MayoADIRL_MRI_Quality_20191106 file

```
##           Min.           1st Qu.           Median           Mean           3rd Qu.
## "2010-05-05" "2012-02-17" "2012-11-26" "2013-02-01" "2013-10-17"
##           Max.
## "2016-12-15"
```

- QC Date of UCSFASLQC file

```
##           Min.           1st Qu.           Median           Mean           3rd Qu.
## "2012-05-30" "2012-05-30" "2012-12-06" "2013-03-07" "2013-09-19"
##           Max.
## "2015-05-15"
```

Counts of scans using ADNIGO2 baseline dx (scans between 2010/05/05 and 2016/12/31)

ADNIGO Baseline Diagnosis: VISCODE: bl

ADNI2 Baseline Diagnosis: VISCODE: v03:new subjects, v06:cont. subjects

Mayo-fMRI NFQ (version: 11_26_19)

scandate between 2010/05/05 and 2016/12/31 only

Total number of fMRI scan

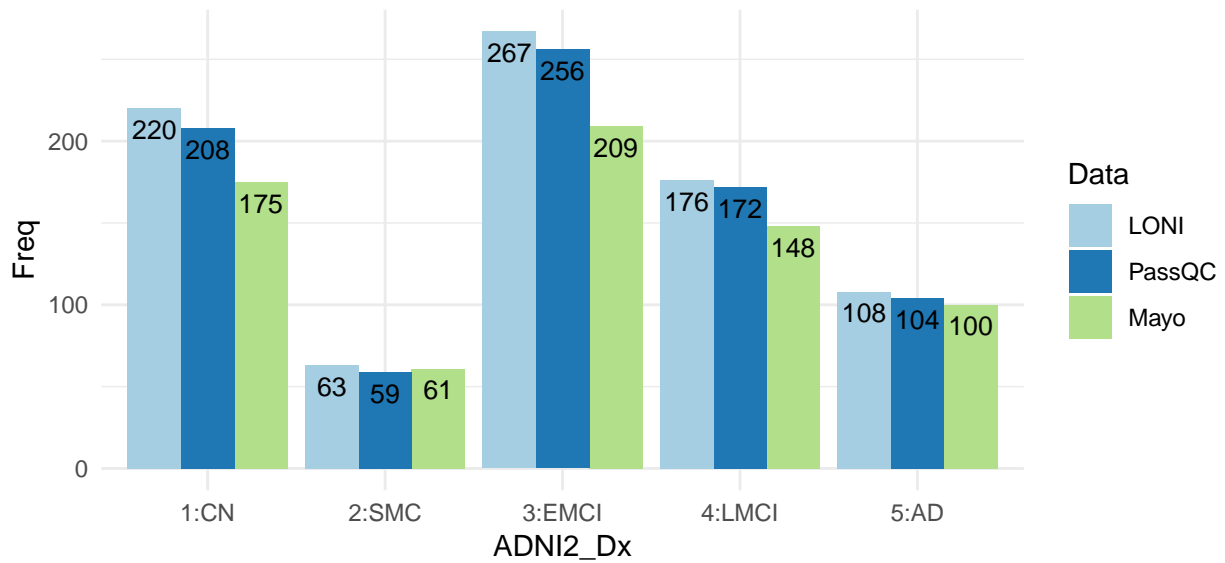
Data	N
MRILIST fMRI	858
MRILIST fMRI QC Pass	821
both MAYO fMRI Data	714

Mayo fMRI By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	37	26	50	37	34	20	33	26	49	31	31	18
init.contpt	5	0	15	4	1	0	2	0	10	2	0	0
m03	39	9	49	33	29	0	35	9	47	30	25	0
m06	41	4	46	36	28	0	37	4	44	32	25	0
y1	42	2	44	36	20	0	24	0	25	21	14	0
y2	32	22	35	24	9	0	17	22	15	14	5	0
y3	10	0	10	5	0	0	6	0	8	3	0	0
y4	23	0	14	14	0	0	21	0	11	14	0	0
y5	1	0	0	0	0	0	0	0	0	0	0	0
NA.	0	0	0	1	0	3	0	0	0	1	0	3
Total	230	63	263	190	121	23	175	61	209	148	100	21

fMRI scans (total across all visits)

No Duplicates (One scan per visit)



Mayo-fMRI Default Mode Network Connectivity (version: 11_07_17)

scandate between 2010/05/05 and 2016/12/31 only

Total number of fMRI scan

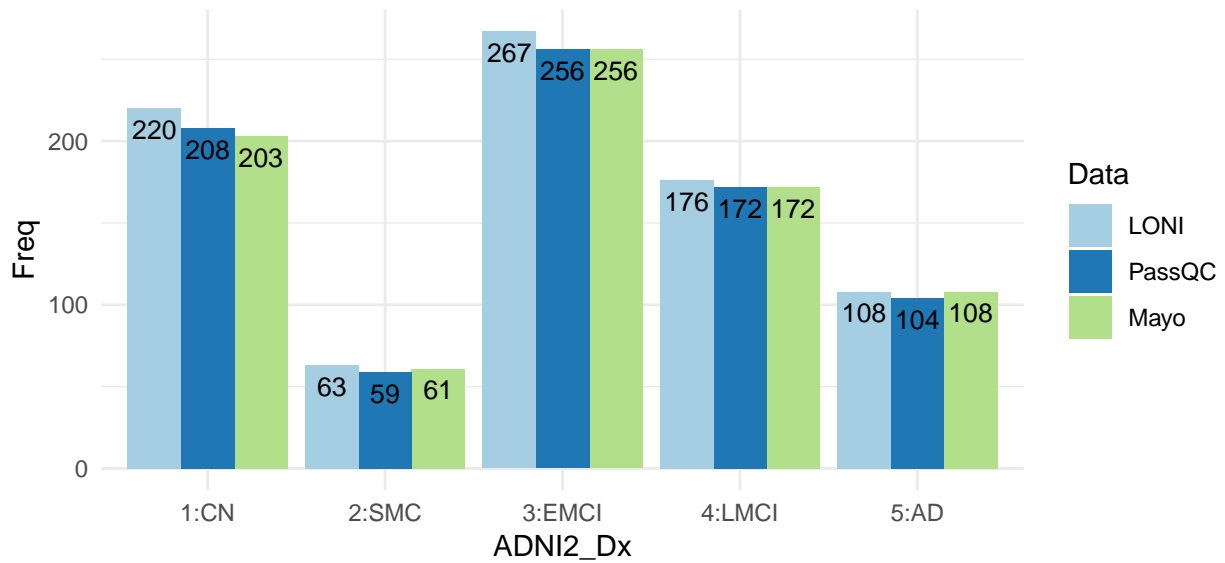
Data	N
MRILIST fMRI	858
MRILIST fMRI QC Pass	821
both MAYO fMRI Data	824

Mayo fMRI By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	41	26	51	39	34	26	33	26	49	32	31	24
init.contpt	5	0	16	4	1	0	5	0	16	4	1	0
m03	39	9	49	35	29	0	35	9	47	31	25	0
m06	42	4	47	35	28	0	37	4	45	31	25	0
y1	42	3	45	36	20	0	39	2	45	34	18	0
y2	31	20	32	23	9	0	30	20	32	23	8	0
y3	6	0	8	4	0	0	6	0	8	4	0	0
y4	18	0	13	16	0	0	17	0	13	13	0	0
y5	1	0	1	0	0	0	1	0	1	0	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	225	62	262	192	121	26	203	61	256	172	108	24

fMRI scans (total across all visits)

No Duplicates (One scan per visit)



Mayo-MCH (version: 11_18_19)

scandate between 2010/05/05 and 2016/12/31 only

Total number of MCH scan

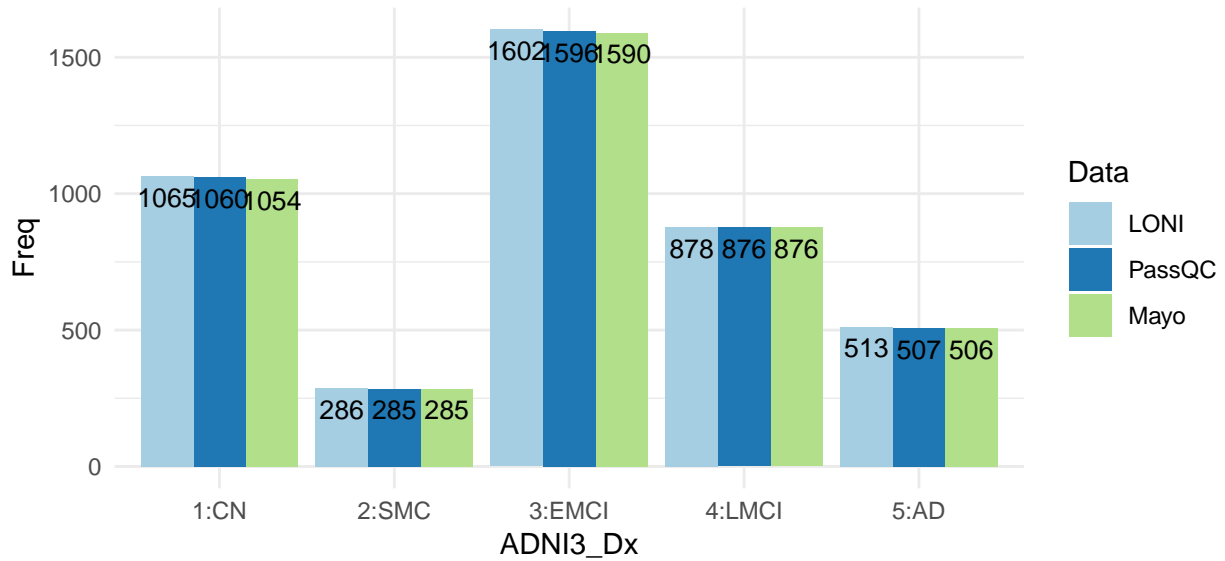
Data	N
MRILIST T2Star	4425
MRILIST T2Star QC PASS	4402
MAYO MCH NoDup SeriesID	4397

By Visit

	Some duplicates (NoDup SeriesID)						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	188	106	304	163	147	71	187	106	303	163	147	71
init.contpt	12	0	116	9	2	0	12	0	116	9	2	0
m03	171	53	281	150	116	0	170	53	281	150	116	0
m06	177	12	262	153	104	0	177	12	262	153	104	0
y1	190	26	263	162	102	1	190	26	258	162	102	1
y2	166	80	203	135	29	1	165	80	203	135	29	1
y3	31	4	81	25	4	1	31	4	81	25	4	1
y4	113	0	78	73	2	1	111	0	78	73	2	1
y5	9	0	8	6	0	0	9	0	8	6	0	0
NA.	2	4	0	0	0	0	2	4	0	0	0	0
Total	1059	285	1596	876	506	75	1054	285	1590	876	506	75

T2 Star scans (total across all visits)

No Duplicates (One scan per visit)



Mayo-TBMSyn (version: 11_18_19)

TBMSyn: ADNIGO2 SC and M03.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGO2 SC & M03 scans)

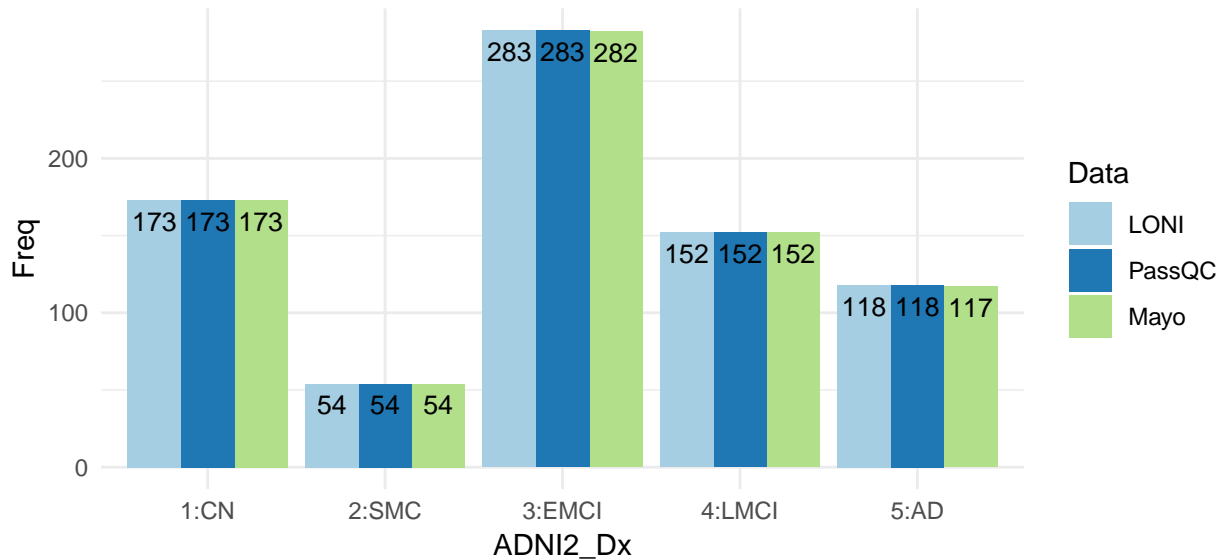
- Picked Base scan from QC passed scan

Data	N
MRILIST Accel.MPRAGE(Have sc & m03)	782
MRILIST Accel.MPRAGE QC PASS(Have sc & m03)	782
MAYO TBMSyn Data (Have sc & m03)	778

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
ADNIGO.m03	1	0	115	0	0	0	1	0	115	0	0	0
ADNI2.m03	172	54	167	152	117	0	172	54	167	152	117	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	173	54	282	152	117	0	173	54	282	152	117	0

Acc.MPRAGE scans (have ADNI2 follow-up scans)
No Duplicates (One scan per visit)



TBMSyn: ADNIGO2 SC and M06.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGO2 SC and M06)

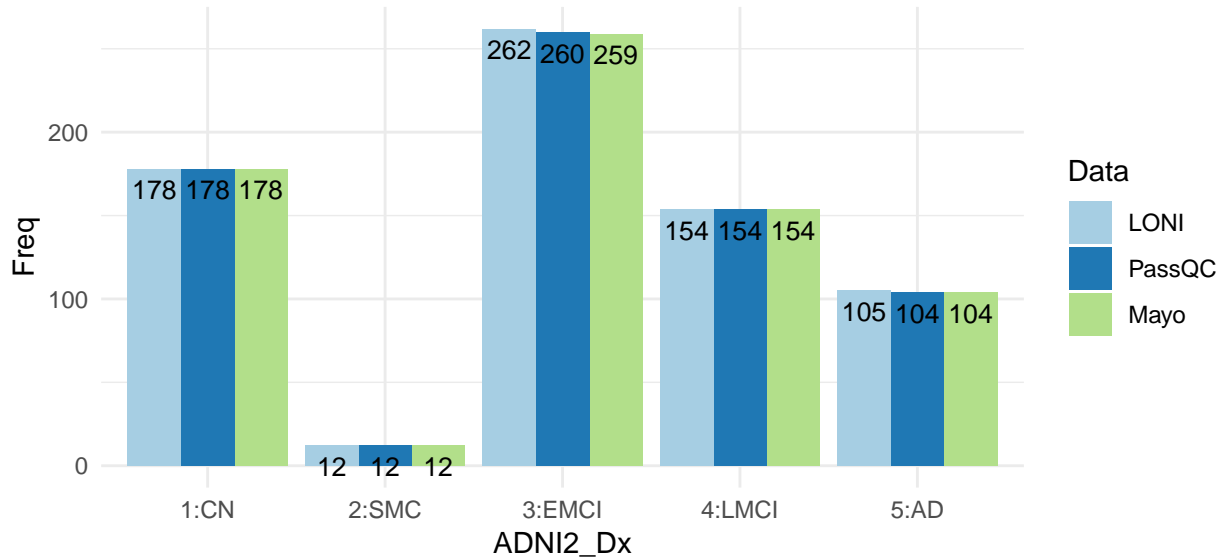
Data	N
MRILIST Accel.MPRAGE(Have sc & m06)	712
MRILIST Accel.MPRAGE QC PASS(Have sc & m06)	709
MAYO TBMSyn Data (Have sc & m06)	707

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
ADNIGO.m06	1	0	109	0	0	0	1	0	109	0	0	0
ADNI2.m06	177	12	150	154	104	0	177	12	150	154	104	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	178	12	259	154	104	0	178	12	259	154	104	0

Acc.MPRAGE scans (have ADNIGO2 SC & M06

No Duplicates (One scan per visit)



TBMSyn: ADNIGO2 SC and M12 or Year1 follow-up.

- Accelerated MPRAGE only

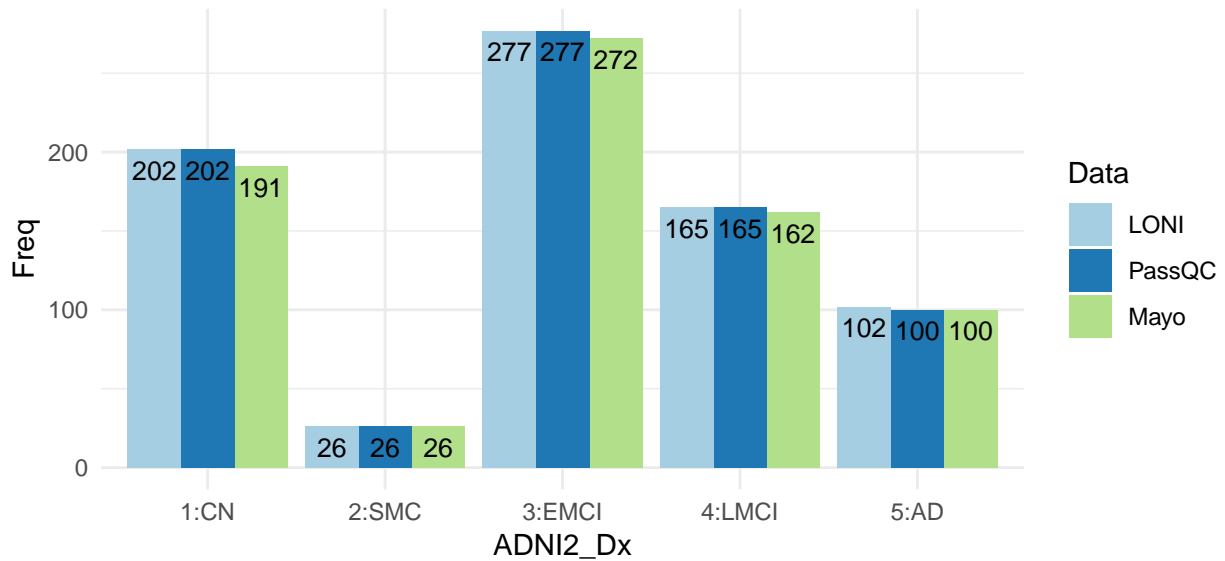
Total number of MPRAGE scan (Having Y1 follow-up in ADNIGO2)

Data	N
MRILIST Accel.MPRAGE(Have Base & Y1FU)	773
MRILIST Accel.MPRAGE QC PASS(Have Base & Y1FU)	771
MAYO TBMSyn Data (Have Base & Y1FU)	752

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
ADNI1.FU	6	0	107	3	0	0	6	0	107	3	0	0
ADNIGO.m12	0	0	7	0	0	0	0	0	7	0	0	0
ADNI2.y1	178	26	158	152	99	0	178	26	158	152	99	0
ADNI2.y2	3	0	0	6	1	1	3	0	0	6	1	1
ADNI2.y3	4	0	0	1	0	0	4	0	0	1	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	191	26	272	162	100	1	191	26	272	162	100	1

**Acc.MPRAGE scans (have ADNIGO2 y1 FU
No Duplicates (One scan per visit))**



TBMSyn: ADNIGO2 SC and M24 or Year2 follow-up.

- Accelerated MPRAGE only

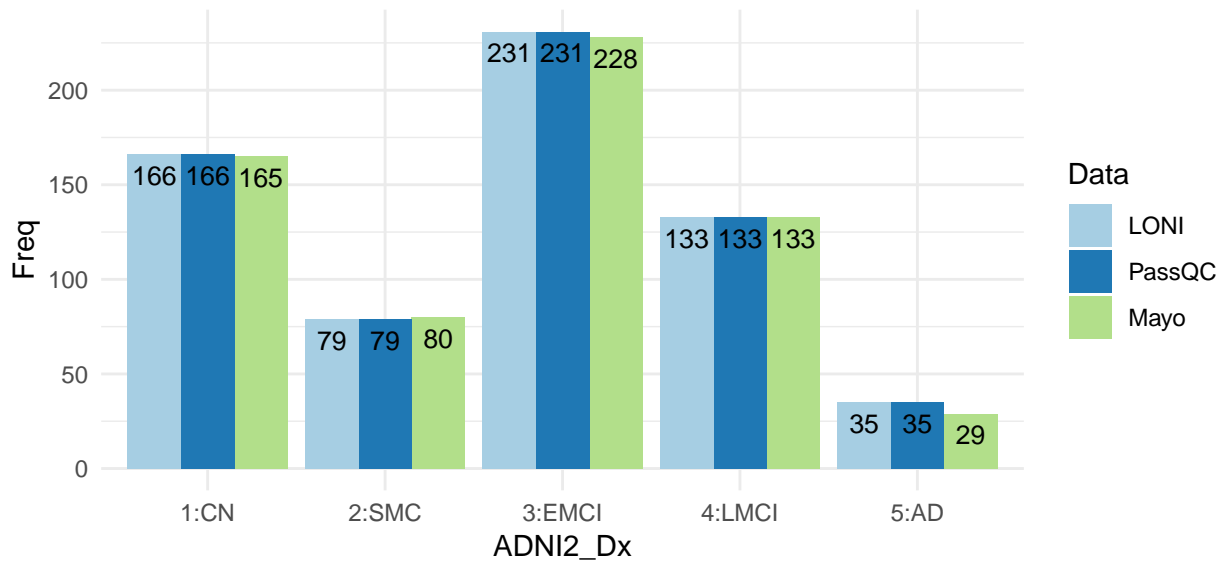
Total number of MPRAGE scan (Having Y2 follow-up in ADNIGO2)

Data	N
MRILIST Accel.MPRAGE(Have Base & Y2 FU)	645
MRILIST Accel.MPRAGE QC PASS(Have Base & Y2 FU)	645
MAYO TBMSyn Data (Have Base & Y2 FU)	636

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
ADNI1.FU	1	0	7	0	0	0	1	0	7	0	0	0
ADNI2.y1	6	0	91	2	0	0	6	0	91	2	0	0
ADNI2.y2	152	80	130	122	27	0	152	80	130	122	27	0
ADNI2.y3	5	0	0	4	2	1	5	0	0	4	2	1
ADNI2.y4	1	0	0	4	0	0	1	0	0	4	0	0
ADNI2.y5	0	0	0	1	0	0	0	0	0	1	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	165	80	228	133	29	1	165	80	228	133	29	1

**Acc.MPRAGE scans (have ADNIGO2 y2 FU
No Duplicates (One scan per visit))**



TBMSyn: ADNIGO2 SC and M36 or Year3 follow-up.

- Accelerated MPRAGE only

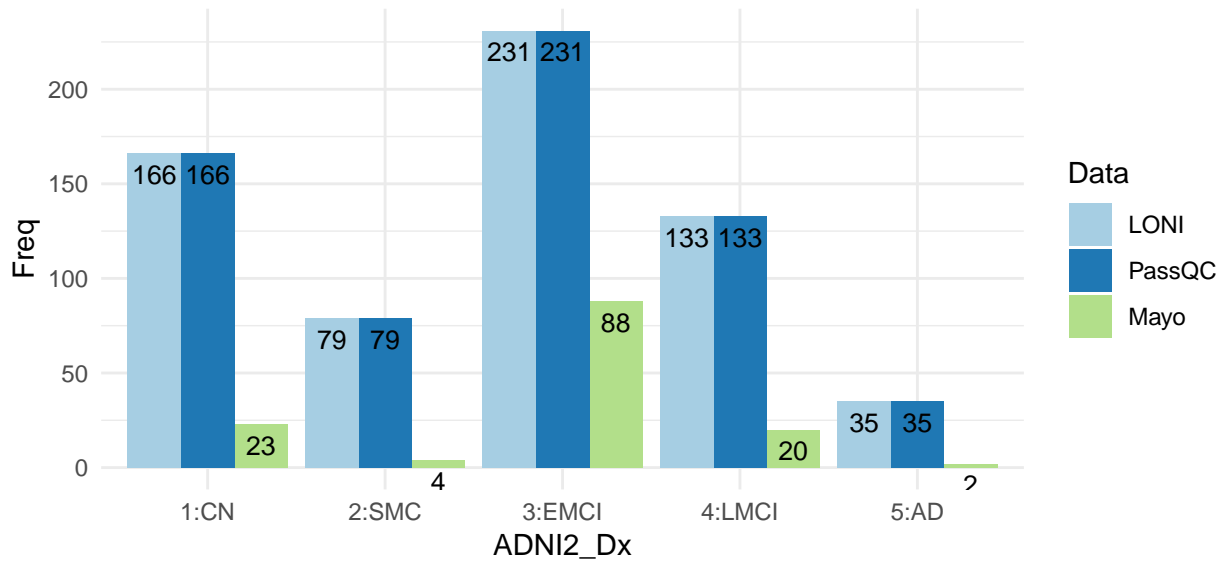
Total number of MPRAGE scan (Having Y3 follow-up in ADNIGO2)

Data	N
MRILIST Accel.MPRAGE(Have Base & Y3 FU)	180
MRILIST Accel.MPRAGE QC PASS(Have Base & Y3 FU)	180
MAYO TBMSyn Data (Have Base & Y3 FU)	137

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
ADNI2.y1	1	0	5	0	0	0	1	0	5	0	0	0
ADNI2.y2	6	0	62	2	0	0	6	0	62	2	0	0
ADNI2.y3	15	4	21	16	1	0	15	4	21	16	1	0
ADNI2.y4	0	0	0	2	1	0	0	0	0	2	1	0
ADNI2.y5	1	0	0	0	0	0	1	0	0	0	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	4	88	20	2	0	23	4	88	20	2	0

Acc.MPRAGE scans (have ADNI2 y3 FU)
No Duplicates (One scan per visit)



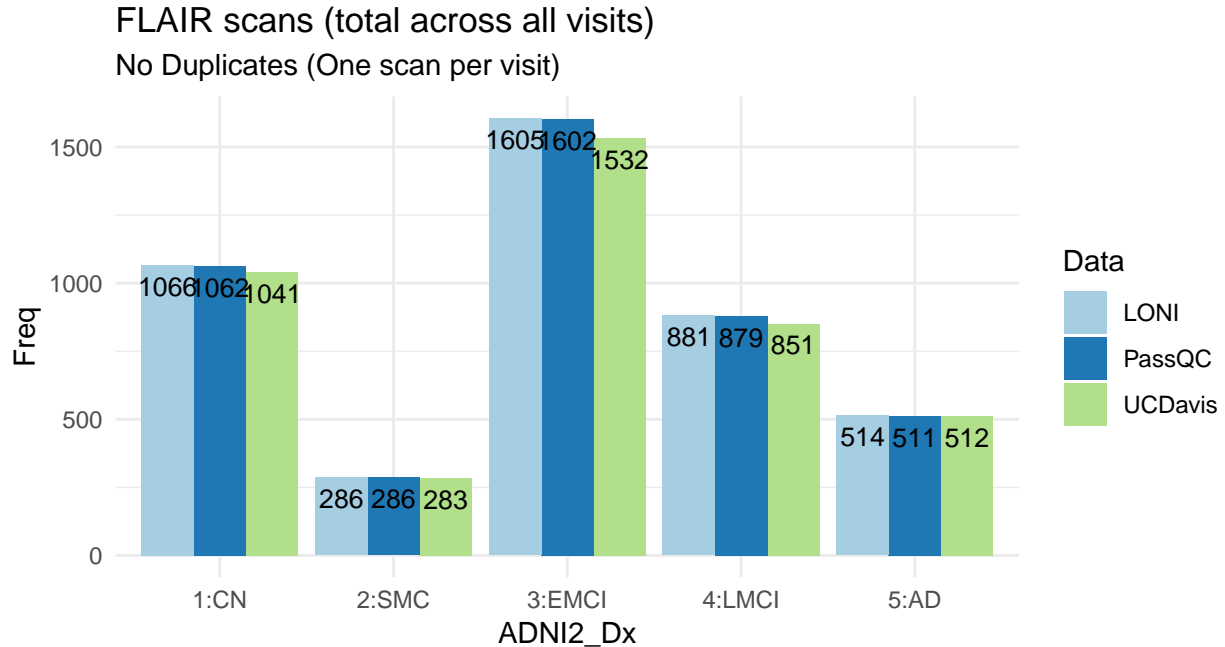
UCD-WMH ADNIGO2 (the file provided by the lab is used)

Total number of FLAIR scan

Data	N
MRILIST FLAIR	4435
MRILIST FLAIR QC Pass	4423
UCD WMH Data	4413

By Visit of WMH

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	188	106	305	162	147	71	188	106	305	162	147	71
init.contpt	12	0	115	9	2	0	12	0	115	9	2	0
m03	173	54	285	150	118	0	173	54	285	150	118	0
m06	179	12	263	153	106	0	179	12	263	153	106	0
y1	191	26	264	160	103	1	191	26	259	160	103	1
y2	0	0	0	0	0	0	0	0	0	0	0	0
y3	0	0	0	0	0	0	0	0	0	0	0	0
y4	107	0	73	69	2	2	105	0	73	69	2	2
y5	9	0	8	6	0	0	9	0	8	6	0	0
tau	2	4	0	0	0	0	2	4	0	0	0	0
NA.	203	82	285	165	36	5	182	81	224	142	34	4
Total	1064	284	1598	874	514	79	1041	283	1532	851	512	78



UCL-BSI (version: 11_14_19)

For single scans for “BRAINVOL” - Accelerated MPRAGE

Total number of BSI scan

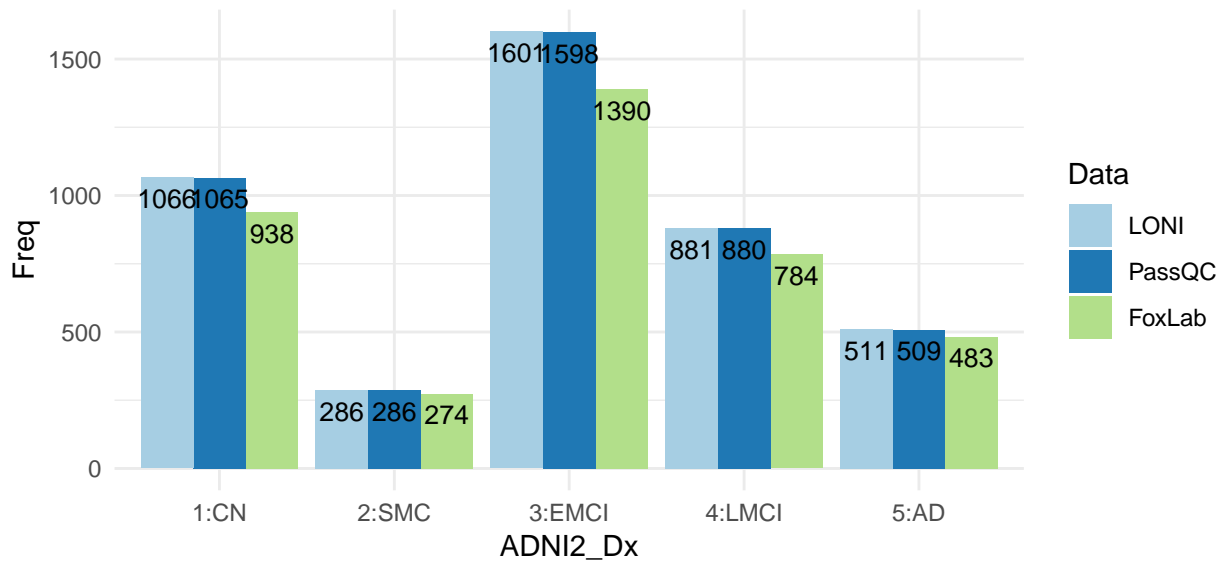
Data	N
MRILIST Accel.MPRAGE	4428
MRILIST Accel.MPRAGE QC PASS	4421
FOXLAB BSI Data	3940

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	186	107	304	164	147	72	185	106	300	161	146	71
init.contpt	1	0	92	0	0	0	1	0	91	0	0	0
m03	174	53	171	152	121	0	171	53	168	149	118	0
m06	178	12	261	157	103	0	177	12	259	154	101	0
y1	173	25	272	148	94	0	171	25	253	145	93	0
y2	137	75	178	107	25	0	137	75	177	107	25	0
y3	9	3	72	13	0	0	9	3	72	13	0	0
y4	86	0	64	52	0	0	85	0	64	52	0	0
y5	2	0	6	3	0	0	2	0	6	3	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	946	275	1420	796	490	72	938	274	1390	784	483	71

ACC. MPRAGE scans (total across all visits)

No Duplicates (One scan per visit)



For single scans for “BRAINVOL” - Non-Accelerated MPRAGE

Total number of BSI scan

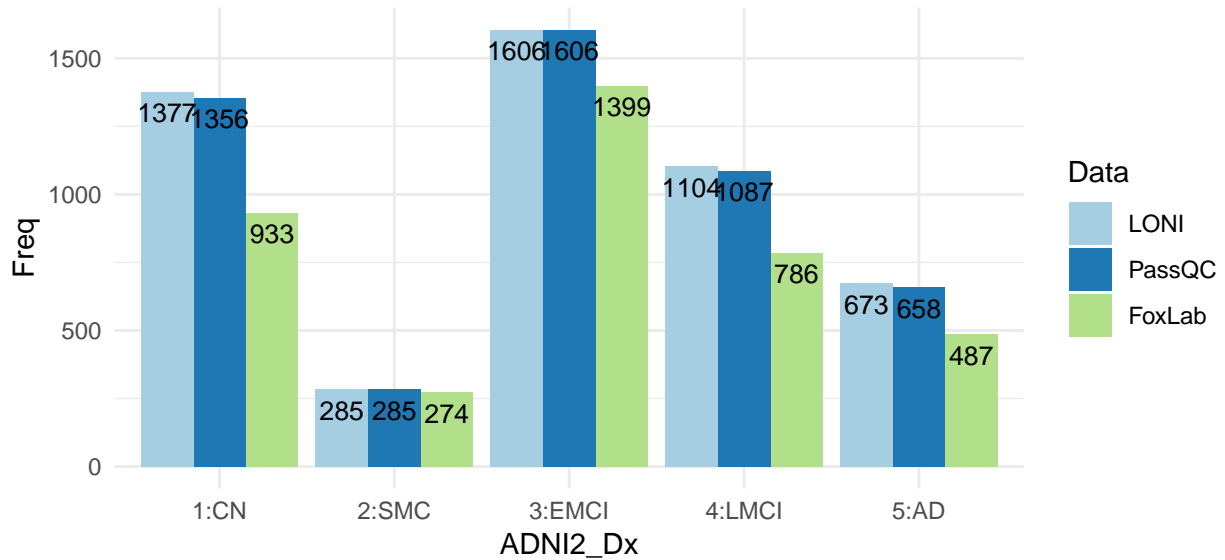
Data	N
MRILIST Non-Accel.MPRAGE	5167
MRILIST Non-Accel.MPRAGE QC PASS	5104
FOXLAB BSI Data(Non-ACC)	3950

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
sc.newpt	189	104	306	164	150	71	183	104	302	162	146	71
init.contpt	1	0	93	0	0	0	1	0	92	0	0	0
m03	172	54	170	151	124	0	171	54	167	149	119	0
m06	180	12	264	156	106	0	177	12	261	153	104	0
y1	173	25	274	147	96	0	172	25	253	145	95	0
y2	136	76	177	107	23	0	136	76	176	107	23	0
y3	8	3	74	13	0	0	8	3	74	13	0	0
y4	84	0	67	54	0	0	83	0	67	54	0	0
y5	2	0	7	3	0	0	2	0	7	3	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	945	274	1432	795	499	71	933	274	1399	786	487	71

Non-ACC MPRAGE scans (total across all visits)

No Duplicates (One scan per visit)



BSI: ADNIGO2 SC and M03.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGo2 SC & M03 scans)

- Picked Base scan from QC passed scan

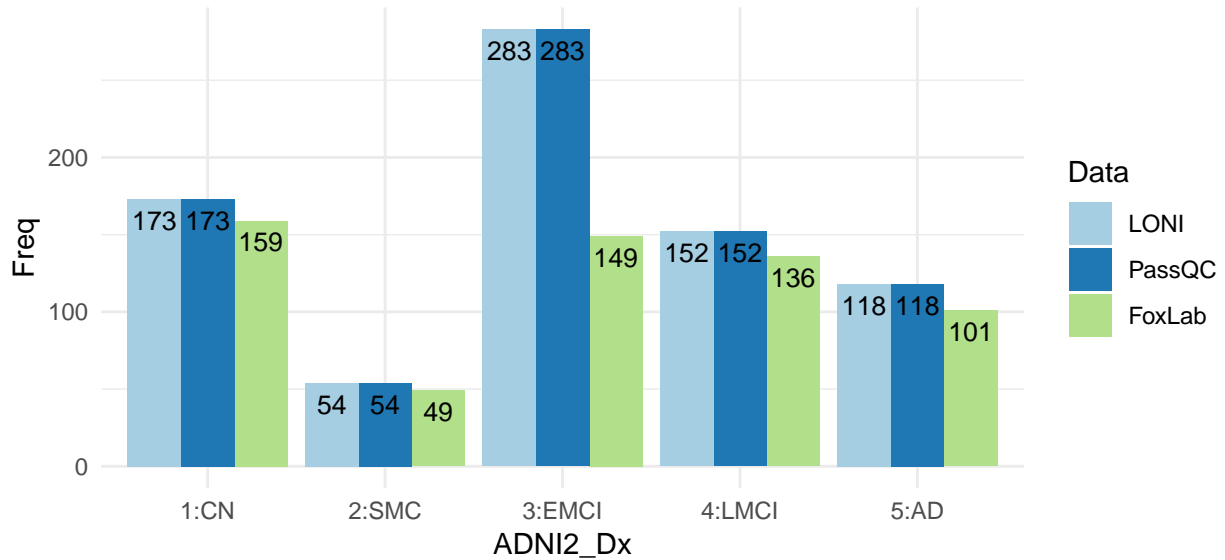
Data	N
MRILIST Accel.MPRAGE(Have sc & m03)	780
MRILIST Accel.MPRAGE QC PASS(Have sc & m03)	780
FOXLab BSI Data (Have sc & m03)	595

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m03	160	49	149	136	101	0	159	49	149	136	101	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	160	49	149	136	101	0	159	49	149	136	101	0

Acc.MPRAGE scans (have ADNI2 follow-up scans)

No Duplicates (One scan per visit)



BSI: ADNIGO2 SC and M06.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGo2 SC & M06 scans)

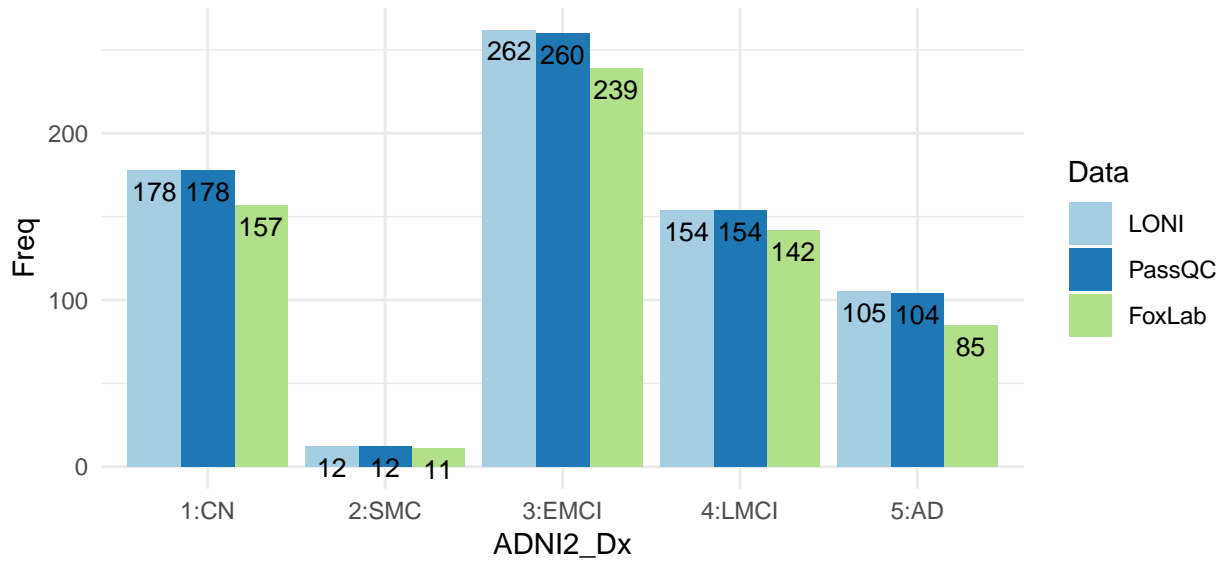
Data	N
MRILIST Accel.MPRAGE(Have sc & m06)	711
MRILIST Accel.MPRAGE QC PASS(Have sc & m06)	708
FOXLab BSI Data (Have sc & m06)	634

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m06	157	11	239	142	85	0	157	11	239	142	85	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	157	11	239	142	85	0	157	11	239	142	85	0

Acc.MPRAGE scans (have ADNI2 follow-up scans)

No Duplicates (One scan per visit)



BSI: ADNIGO2 SC and M12 or Y1 Follow-up

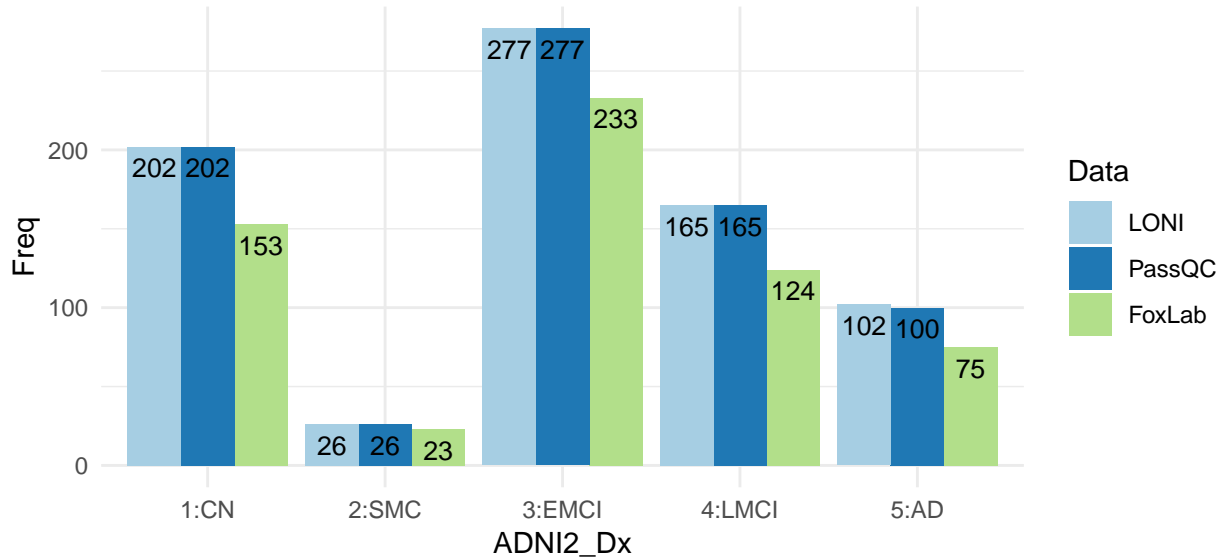
Total number of MPRAGE scan (Having Y1 follow-up in ADNIGO2)

Data	N
MRILIST Accel.MPRAGE(Have Base & Y1FU)	773
MRILIST Accel.MPRAGE QC PASS(Have Base & Y1FU)	771
FOXLab BSI Data (Have Base & Y1FU)	608

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m12	153	23	233	124	75	0	153	23	233	124	75	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	153	23	233	124	75	0	153	23	233	124	75	0

**Acc.MPRAGE scans (have ADNI2 follow-up scans)
No Duplicates (One scan per visit)**



BSI: ADNIGO2 SC and M24 or Y2 Follow-up

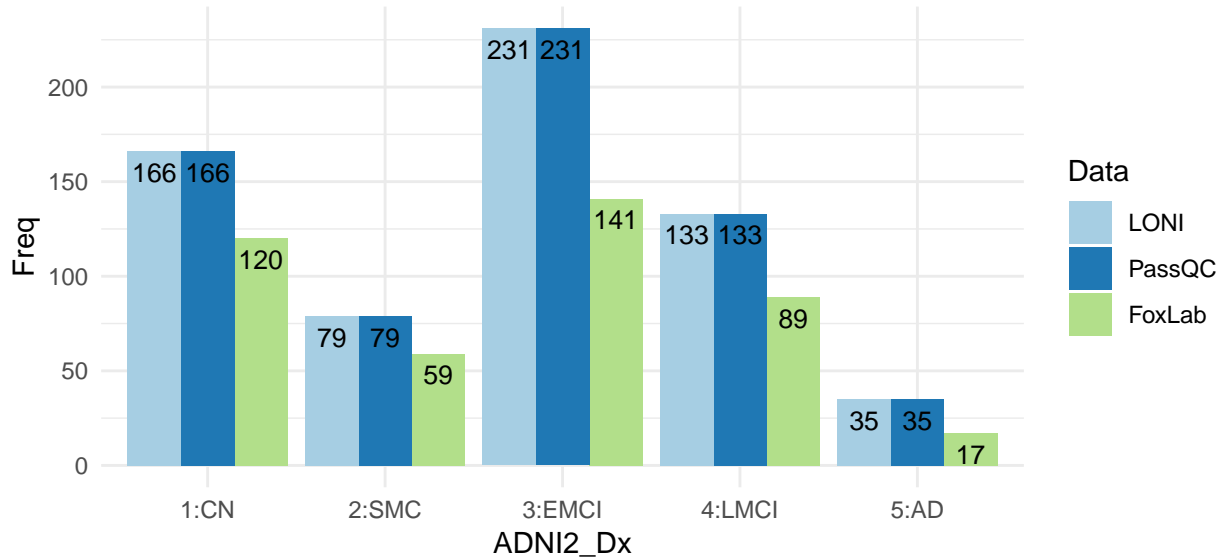
Total number of MPRAGE scan (Having Y2 follow-up in ADNIGO2)

Data	N
MRILIST Accel.MPRAGE(Have Base & Y2FU)	645
MRILIST Accel.MPRAGE QC PASS(Have Base & Y2FU)	645
FOXLab BSI Data (Have Base & Y2FU)	426

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m24	120	59	141	89	17	0	120	59	141	89	17	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	120	59	141	89	17	0	120	59	141	89	17	0

**Acc.MPRAGE scans (have ADNI2 follow-up scans)
No Duplicates (One scan per visit)**



UCSF cross-sectional FreeSurfer5.1 (version: 11_08_19)

Accelerated MPRAGE only

Total number of MPRAGE scan for FreeSurfer

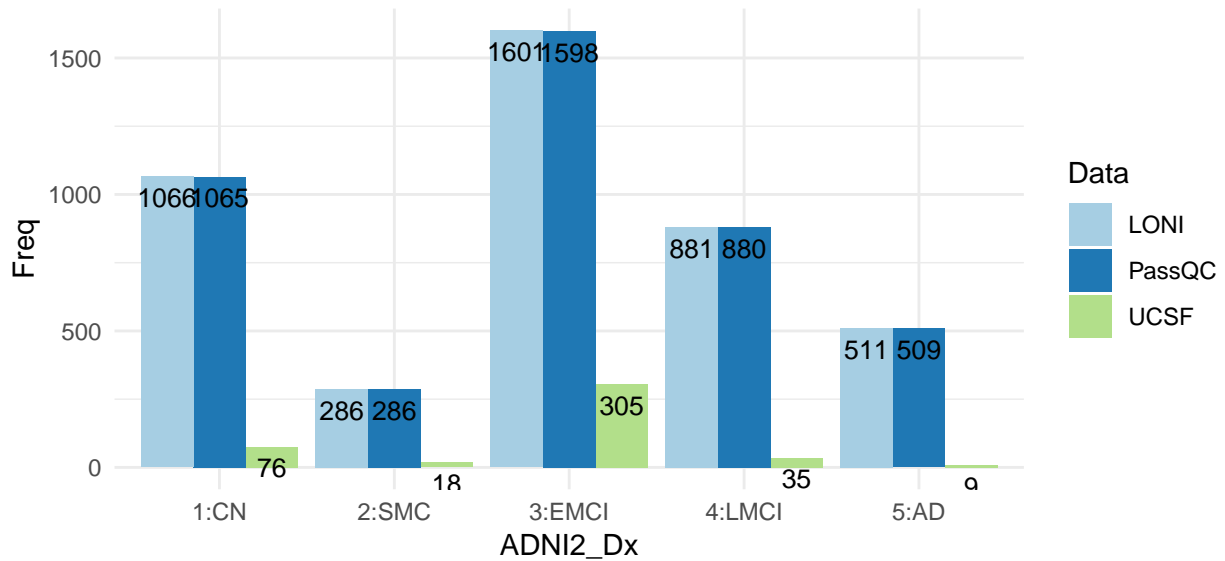
Data	N
MRILIST Accel.MPRAGE	4428
MRILIST Accel.MPRAGE QC PASS	4421
UCSF FS5.1 Data	468

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
scmri	45	14	146	25	7	24	45	14	144	24	7	23
init.contpt	2	0	4	2	0	0	2	0	4	2	0	0
m03	23	4	96	7	2	0	23	4	96	7	2	0
m06	1	0	61	0	0	0	1	0	61	0	0	0
y1	0	0	0	0	0	0	0	0	0	0	0	0
y2	0	0	0	0	0	0	0	0	0	0	0	0
y3	0	0	0	0	0	0	0	0	0	0	0	0
y4	4	0	0	2	0	2	4	0	0	2	0	2
y5	1	0	0	0	0	0	1	0	0	0	0	0
nv	0	0	0	0	0	0	0	0	0	0	0	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	76	18	307	36	9	26	76	18	305	35	9	25

Acc.MPRAGE scans (total across all visits)

No Duplicates (One scan per visit)



Non-accelerated MPRAGE only

Total number of Non-accelerated MPRAGE scan for FreeSurfer

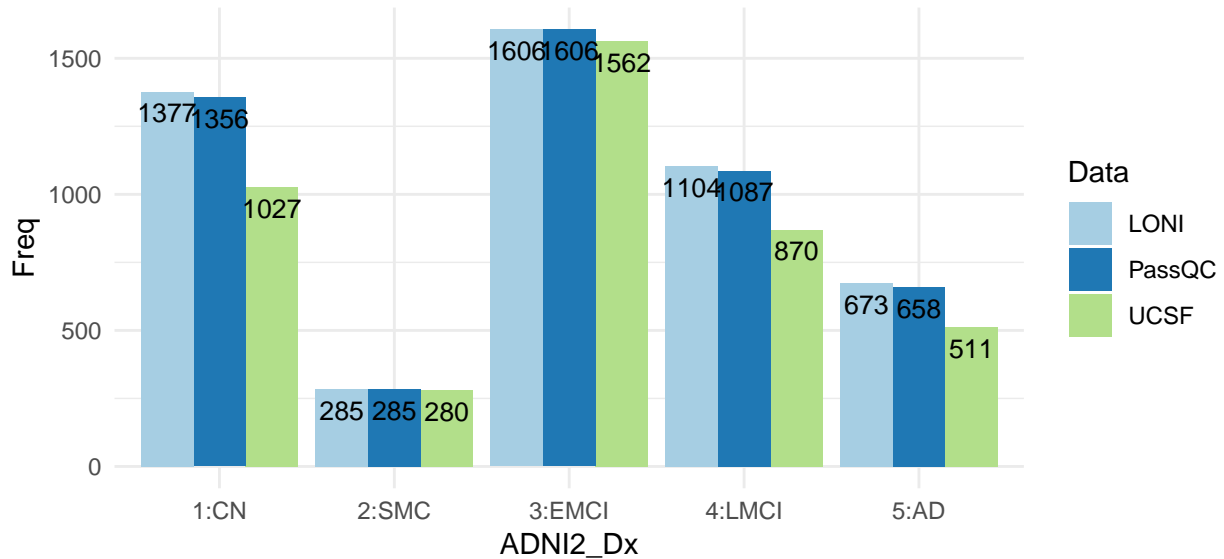
Data	N
MRILIST Accel.MPRAGE	5167
MRILIST Accel.MPRAGE QC PASS	5104
UCSF FS5.1 Data	4326

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
scmri	192	106	305	165	149	70	185	106	301	163	145	69
init.contpt	12	0	118	9	2	0	12	0	116	9	2	0
m03	168	54	290	153	123	0	167	53	285	152	118	0
m06	175	12	260	156	108	0	172	12	257	154	106	0
y1	191	26	262	162	104	1	188	26	256	161	102	1
y2	176	79	208	139	30	1	166	77	197	136	30	1
y3	26	3	73	24	4	1	25	3	73	24	4	1
y4	103	0	69	66	3	2	101	0	69	66	3	2
y5	2	0	0	0	0	0	2	0	0	0	0	0
nv	1	3	0	0	1	2	1	3	0	0	1	2
NA.	8	0	8	5	0	0	8	0	8	5	0	0
Total	1054	283	1593	879	524	77	1027	280	1562	870	511	76

Non-Acc.MPRAGE scans (total across all visits)

No Duplicates (One scan per visit)



UCSF longitudinal FreeSurfer5.1 (version: 11_08_19)

Non-Accelerated MPRAGE only

Total number of Non-Acc MPRAGE scan for FreeSurfer

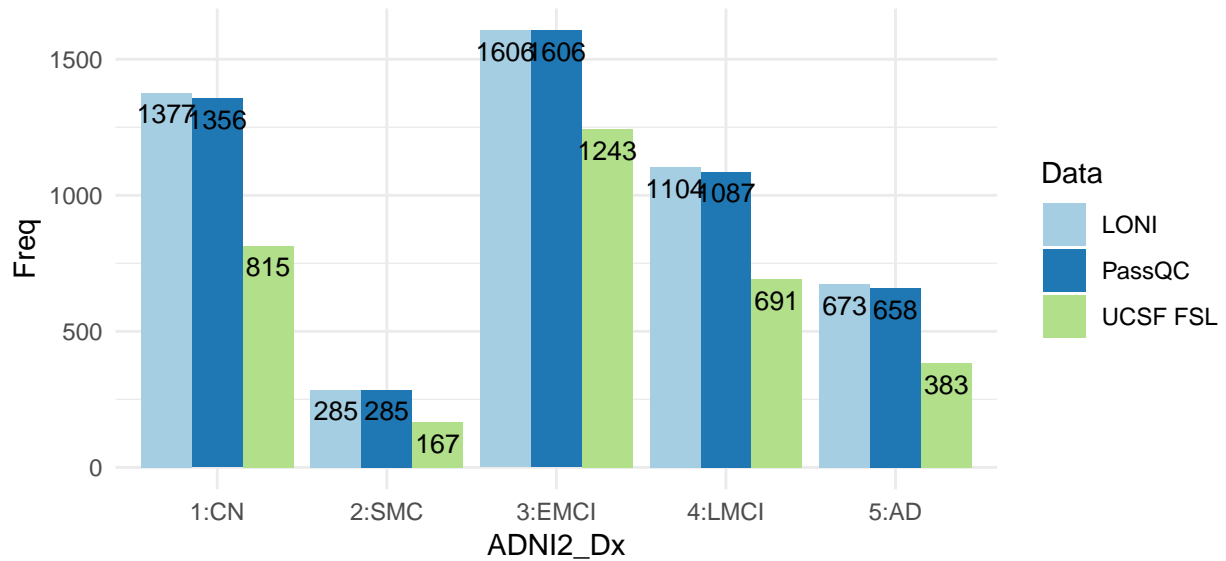
Data	N
MRILIST Non-Accel.MPRAGE	4428
MRILIST NON-Accel.MPRAGE QC PASS	4421
UCSF SFL Data	3302

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
scmri	148	49	232	131	90	0	148	49	232	131	90	0
init.contpt	9	0	95	4	2	0	9	0	95	4	2	0
m03	138	45	227	126	89	0	137	45	227	126	89	0
m06	142	10	212	129	86	0	142	10	212	129	86	0
m12	152	21	210	133	85	1	152	21	207	133	85	1
m24	129	41	156	102	27	1	129	41	156	102	27	1
m36	17	1	59	19	3	1	17	1	59	19	3	1
m48	77	0	51	43	1	0	76	0	51	43	1	0
m60	2	0	0	0	0	0	2	0	0	0	0	0
nv	0	0	0	0	0	0	0	0	0	0	0	0
NA.	3	0	4	4	0	0	3	0	4	4	0	0
Total	817	167	1246	691	383	3	815	167	1243	691	383	3

Non-Acc.MPRAGE scans (total across all visits)

No Duplicates (One scan per visit)



UCSF ASL (version: 11_02_15)

Total number of ASL scan

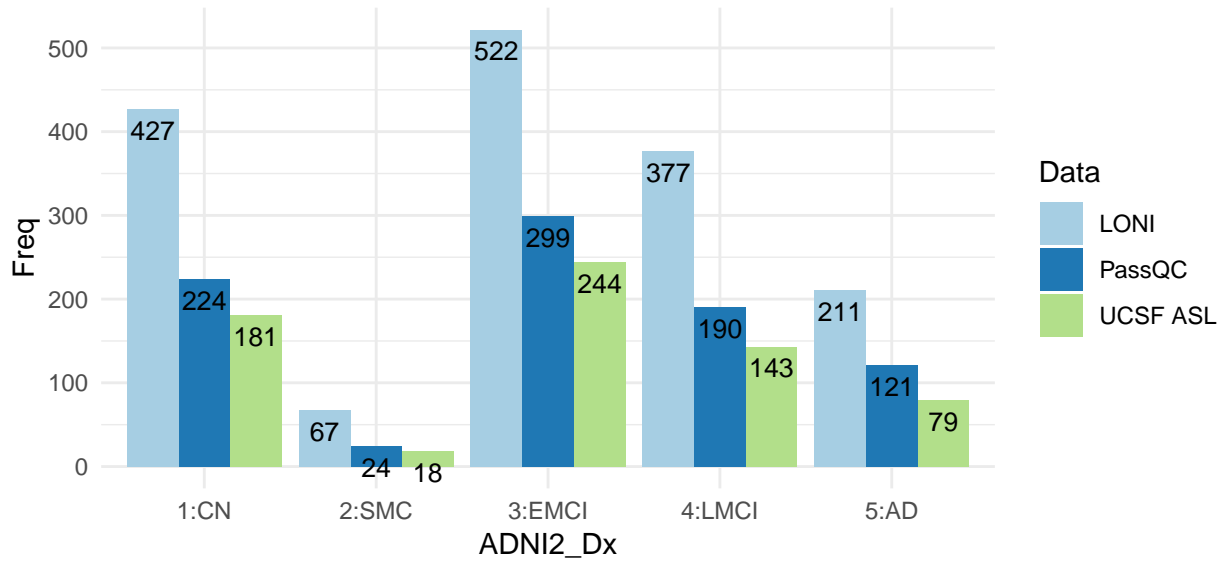
Data	N
MRILIST ASL	1721
MRILIST ASL QC PASS	888
UCSF ASL Data	672

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
scmri	41	11	47	35	31	5	41	11	47	35	30	5
init.contpt	5	0	22	2	0	0	5	0	21	2	0	0
m03	44	5	49	32	17	0	43	5	49	32	17	0
m06	32	0	50	33	13	0	32	0	50	33	13	0
m12	32	2	45	24	17	0	32	2	45	24	17	0
m24	27	0	31	17	2	0	27	0	31	17	2	0
m36	1	0	1	0	0	0	1	0	1	0	0	0
m48	0	0	0	0	0	2	0	0	0	0	0	2
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	182	18	245	143	80	7	181	18	244	143	79	7

ASL scans (total across all visits)

No Duplicates (One scan per visit)



USC DTI (version: 10_03_19)

scandate between 2010/05/05 and 2016/12/31 only

Total number of DTI scan

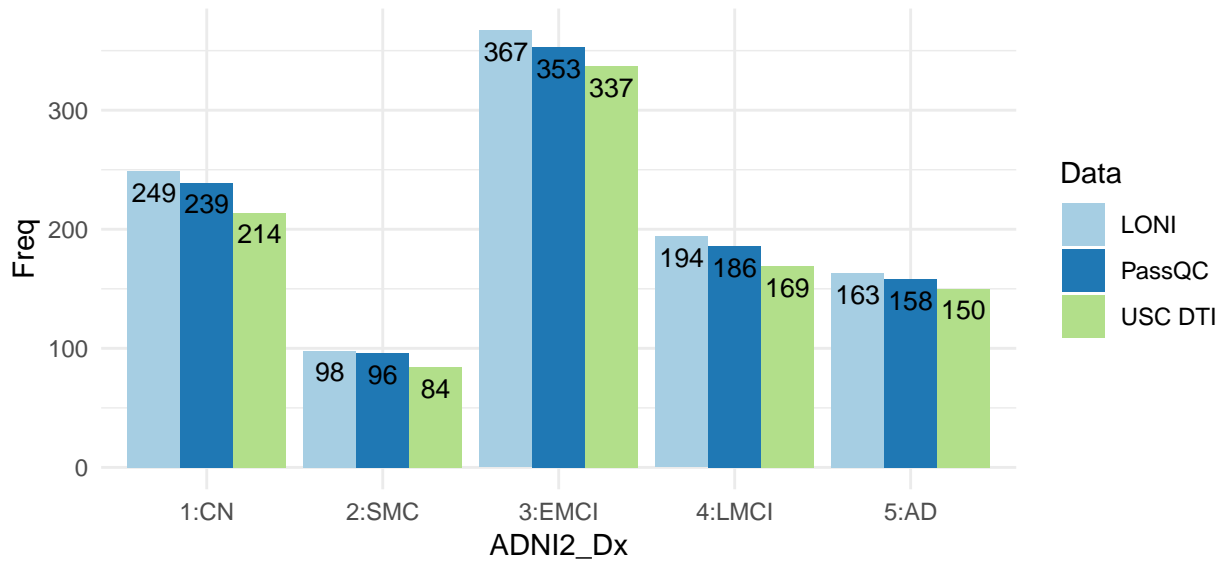
Data	N
MRILIST DTI	1090
MRILIST DTI PASS	1051
USC DTI Data	972

By Visit

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
scmri	46	28	62	34	44	18	46	28	62	34	44	18
init.contpt	1	0	29	0	0	0	1	0	29	0	0	0
m03	33	19	57	34	36	0	33	19	57	33	36	0
m06	38	3	52	28	31	0	38	3	52	28	31	0
m12	38	9	59	31	32	0	38	9	56	31	32	0
m24	28	23	41	21	6	0	28	23	41	21	6	0
m36	11	0	21	8	1	0	11	0	21	8	1	0
m48	17	0	14	12	0	0	17	0	14	12	0	0
m60	1	0	5	1	0	0	1	0	5	1	0	0
tau.visit	1	2	0	0	0	0	1	2	0	0	0	0
NA.	0	0	0	1	0	0	0	0	0	1	0	0
Total	214	84	340	170	150	18	214	84	337	169	150	18

DTI scans (total across all visits)

No Duplicates (One scan per visit)



USC TBM (version: 08_20_15)

scandate between 2010/05/05 and 2016/12/31 only

TBM: ADNIGO2 SC and M03.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGo2 SC & M03 scans)

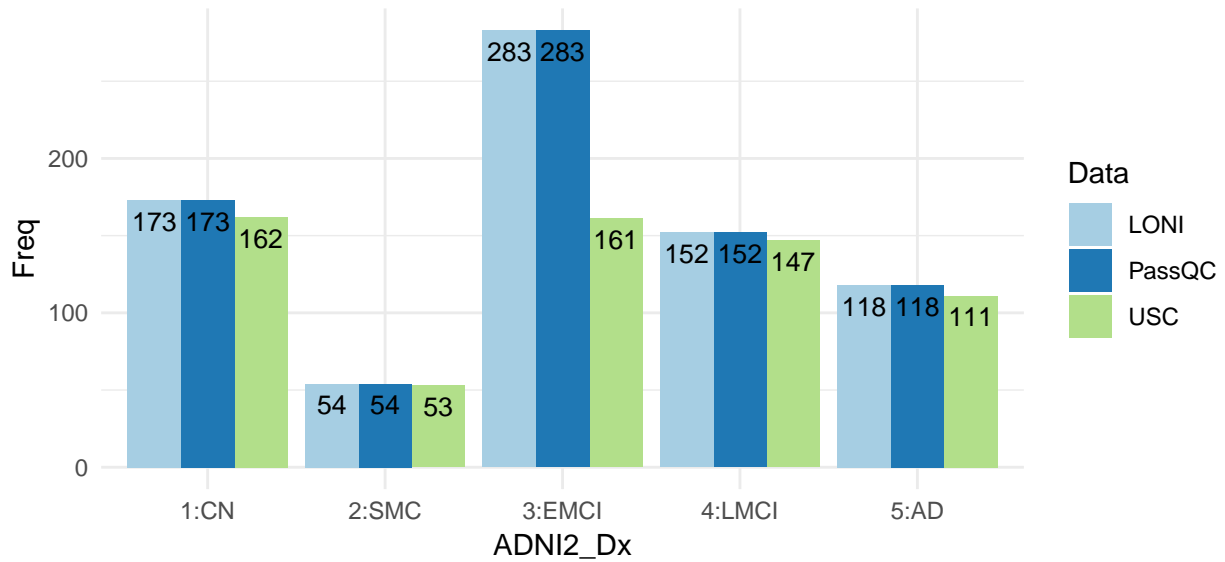
- Picked Base scan from QC passed scan

Data	N
MRILIST Accel.MPRAGE(Have sc & m03)	780
MRILIST Accel.MPRAGE QC PASS(Have sc & m03)	780
USC TBM Data (Have sc & m03)	634

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m03	162	53	161	147	111	0	162	53	161	147	111	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	162	53	161	147	111	0	162	53	161	147	111	0

Acc.MPRAGE scans (have ADNI2 follow-up scans)
No Duplicates (One scan per visit)



TBM: ADNIGO2 SC and M06.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having ADNIGO2 SC and M06)

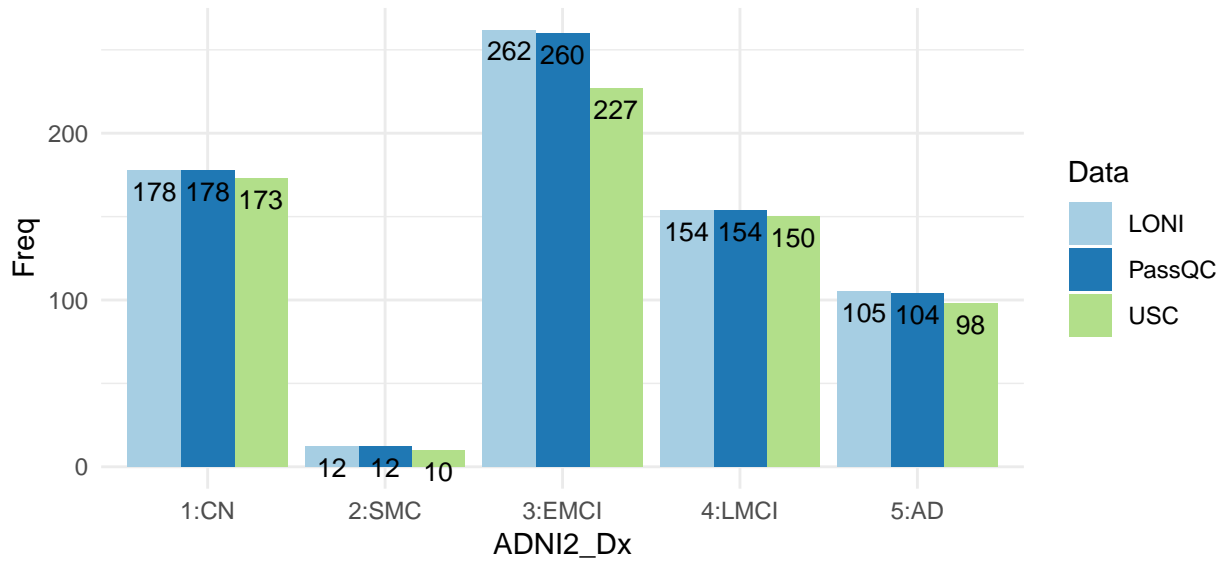
Data	N
MRILIST Accel.MPRAGE(Have sc & m06)	711
MRILIST Accel.MPRAGE QC PASS(Have sc & m06)	708
USC TBM Data (Have sc & m06)	658

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m06	173	10	227	150	98	0	173	10	227	150	98	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	173	10	227	150	98	0	173	10	227	150	98	0

Acc.MPRAGE scans (have ADNIGO2 SC & M06

No Duplicates (One scan per visit)



TBM: ADNIGO2 SC and M12 or Year1 follow-up.

- Accelerated MPRAGE only

Total number of MPRAGE scan (Having Y1 follow-up in ADNIGO2)

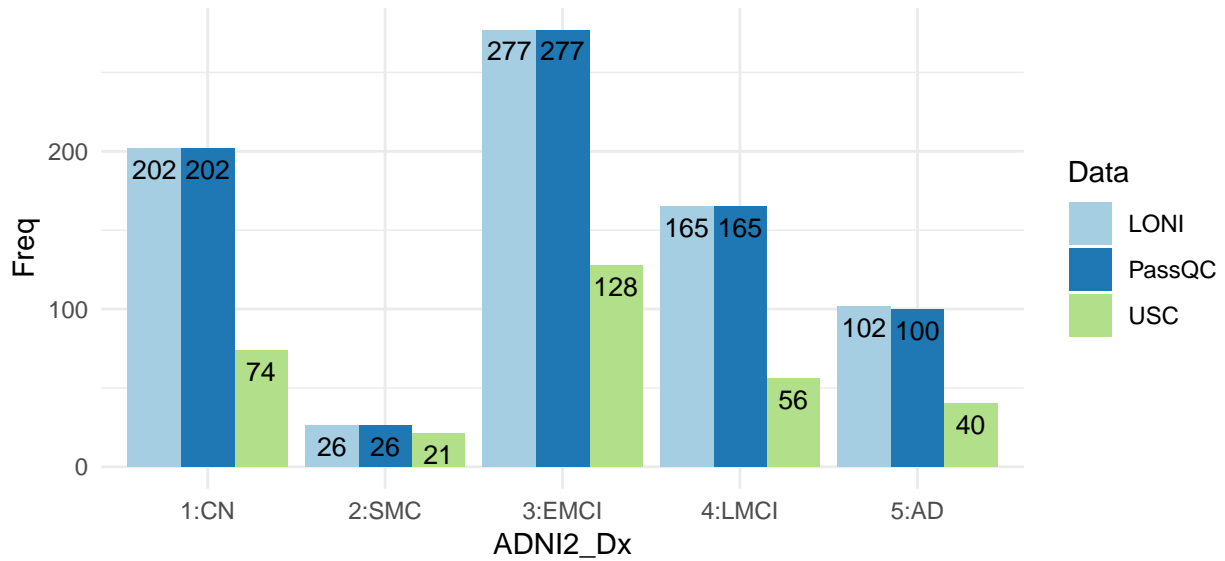
Data	N
MRILIST Accel.MPRAGE(Have Base & Y1FU)	773
MRILIST Accel.MPRAGE QC PASS(Have Base & Y1FU)	771
USC TBM Data (Have Base & Y1FU)	319

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m12	74	21	128	56	40	0	74	21	128	56	40	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	74	21	128	56	40	0	74	21	128	56	40	0

Acc.MPRAGE scans (have ADNIGO2 y1 FU

No Duplicates (One scan per visit)



TBM: ADNIGO2 SC and M24 or Year2 follow-up.

- Accelerated MPRAGE only

Total number of High-res Hippo. scans

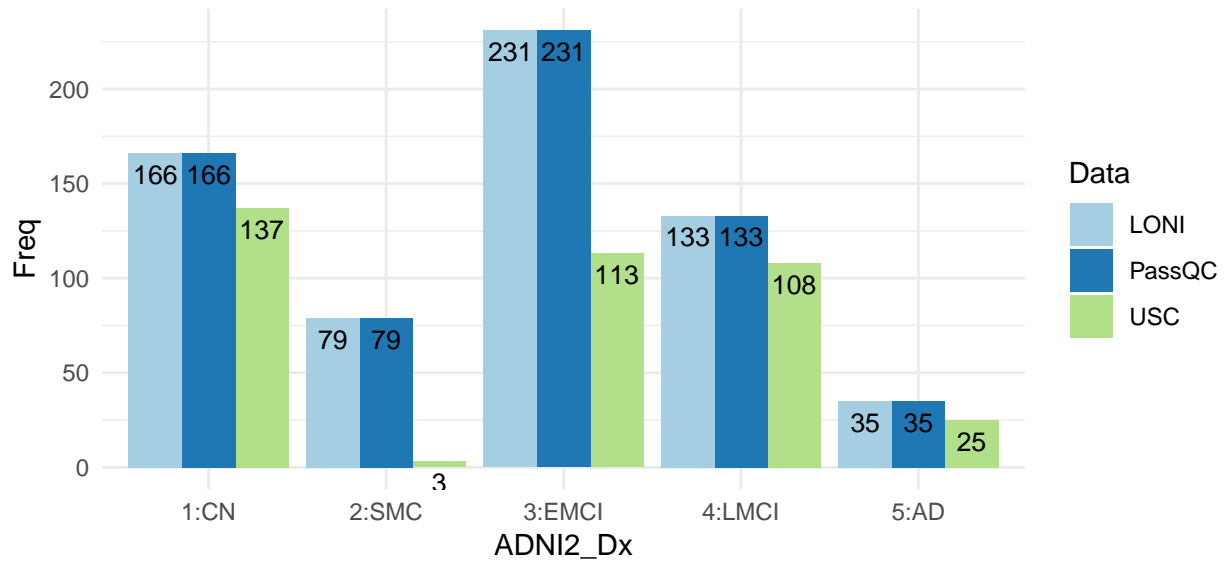
Data	N
MRILIST Accel.MPRAGE(Have Base & Y2 FU)	645
MRILIST Accel.MPRAGE QC PASS(Have Base & Y2 FU)	645
USC TBM Data (Have Base & Y2 FU)	386

By Visit (follow-up scan visit)

	Some duplicates						Remove the duplicates					
	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA	1:CN	2:SMC	3:EMCI	4:LMCI	5:AD	NA
m24	137	3	113	108	25	0	137	3	113	108	25	0
NA.	0	0	0	0	0	0	0	0	0	0	0	0
Total	137	3	113	108	25	0	137	3	113	108	25	0

Acc.MPRAGE scans (have ADNIGO2 y2 FU

No Duplicates (One scan per visit)



→