

Re: SPAN: TTC analysis

From: **Karisma A Nagarkatti** | nagarkat@usc.edu

Thursday, Jun 24, 8:22
AM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu, **cayata@mgh.harvard.edu** |
CAYATA@mgh.harvard.edu

Cc: **Jessica Lamb** | lambj@usc.edu

Hi Drs. Ayata and Cabeen,

I wanted to follow up on Dr. Ayata's announcement last week that sites will be provided with a online tool to outline some TTC scans. Please let me know when this is available and I will send it out with the instructions that you provide. Dr. Lyden has made a draft email below, please edit as needed. Thanks for your help!

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Many thanks,

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From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Thursday, Jun 24, 8:25 AM

To: **Karisma Nagarkatti (USC)** | nagarkat@usc.edu

Cc: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu, **Jessica Lamb (USC)** | lambj@usc.edu

Thanks, Karisma.

Ryan, I think we need together on with this... do you need more time to implement the online tool?

Thanks!!

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From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu

Thursday, Jun 24, 12:52
PM

To: **Karisma Nagarkatti (USC)** | nagarkat@usc.edu, **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Cc: **Jessica Lamb (USC)** | jlambj@usc.edu

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Sounds great.

Karisma,

Let's send that email message to the site PIs so they identify the local staff who will do the measurements.

They should send a name and email address.

Let me know if issues...

Thanks!

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From: **Karisma A Nagarkatti** | nagarkat@usc.edu

Thursday, Jun 24, 1:20 PM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Thank you very much for your help Ryan! The CC greatly appreciates your efforts!

Thank you,
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Monday, Jun 28, 4:54 AM

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To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

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[Email: rcabeen@loni.usc.edu](mailto:rcabeen@loni.usc.edu)
Web: <http://cabeen.io>
<http://www.ini.usc.edu>

From: **CAYATA@mgh.harvard.edu**

Thursday, Jun 24, 8:25 AM

Thanks, Karisma.

Ryan, I think we need together on with this... do you need more time to implement the online tool?

Thanks!!

Cenk

From: **Karisma A Nagarkatti** | nagarkat@usc.edu

Thursday, Jun 24, 11:22 AM

External Email - Use Caution

Hi Drs. Ayata and Cabeen,

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"Dear Colleagues

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Many thanks,

The CC"

Thanks,
Karisma

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From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu

Monday, Jun 28, 9:06 AM

To: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Great, sent a calendar invite, and here's the zoom:

Topic: Ryan Cabeen's Zoom Meeting

Time: Jun 30, 2021 12:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

usc.zoom.us/j/3214616632

Meeting ID: 321 461 6632

One tap mobile

+16699006833,,3214616632# US (San Jose)

+12532158782,,3214616632# US (Tacoma)

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

2025 Zonal Ave.

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Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: cabeen.io

www.ini.usc.edu

From: **CAYATA@mgh.harvard.edu**

Monday, Jun 28, 9:03 AM

Wed, noon to 2p est is great. Please send link?

tx

c

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From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Monday, Jun 28, 11:57 AM

External Email - Use Caution

Sounds good, maybe sometime in these windows?

Wed noon-2pm eastern

Wed 3-6pm eastern

Fri noon-6pm eastern

I've processed the cases on the IDA as of last week, and I'll see if there are any more recent cases up since then.

Ryan P. Cabeen, PhD

Chan Zuckerberg Imaging Scientist

Assistant Professor of Research Neurology

Laboratory of Neuro Imaging

USC Stevens Neuroimaging and Informatics Institute

Keck School of Medicine of USC

University of Southern California

[2025 Zonal Ave.](#)

[Los Angeles, CA 90033](#)

Tel: (323) 44-BRAIN

Email: rcabeen@loni.usc.edu

Web: <http://cabeen.io>

From: **CAYATA@mgh.harvard.edu**

Monday, Jun 28, 4:54 AM

Ryan,

Can we find a time this week to go over what has been uploaded for rat, aged and obese mice? We need to bring together the MRI group next week to vet the stage 2 protocol. All you need to do is process the pilot aged and obese mice MRI using the automated segmentation, and check the quality of rat MRIs for any issues that might get in the way of automated segmentation when you retrain the neural net for rats.

Thanks,

C

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<http://www.spinhub.io>

username: span

password: v45nLSXrTYFBmqoX

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Thursday, Jun 24, 8:25 AM

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Thanks!!

Cenk

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Thursday, Jun 24, 11:22 AM

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From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu

Tuesday, Jun 29, 4:34 PM

To: **Karisma Nagarkatti (USC)** | nagarkat@usc.edu

Cc: **Jessica Lamb (USC)** | lambj@usc.edu, **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Hi all,

Just wanted to follow up on this — I have a test site up and running, now with a training video, some fixes, and a system for archiving the annotations. Here's an example that is live:

www.spinhub.io/span-colab-72950

username: span

password: Epsmb6tBCURMGCIW

So we should be ready to share this with the sites soon, but I think the last thing we need is a final test run. Perhaps one of you could try loading it up and drawing on a few images and letting me know if it seems to work? Then, I'll check to see that everything was archived properly on my end. It shouldn't take more than a few minutes, and it would be very helpful!

Thanks,

Ryan

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Email: rcabeen@loni.usc.edu
Web: cabeen.io
www.ini.usc.edu

From: **CAYATA@mgh.harvard.edu**

Thursday, Jun 24, 12:54 PM

Sounds great.

Karisma,

Let's send that email message to the site PIs so they identify the local staff who will do the measurements. They should send a name and email address.

Let me know if issues...

Thanks!

Cenk

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Thursday, Jun 24, 3:52 PM

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From: **CAYATA@mgm.harvard.edu**

Thursday, Jun 24, 8:25 AM

Thanks, Karisma.

Ryan, I think we need together on with this... do you need more time to implement the online tool?

Thanks!!

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Thursday, Jun 24, 11:22 AM

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From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Tuesday, Jun 29, 4:36 PM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Cc: **Karisma Nagarkatti (USC)** | nagarkat@usc.edu, **Jessica Lamb (USC)** | lambj@usc.edu

Thanks, Ryan, I will try and let you know.

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Tuesday, Jun 29, 5:18 PM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Cc: **Karisma Nagarkatti (USC)** | nagarkat@usc.edu, **Jessica Lamb (USC)** | lambj@usc.edu

Works, Ryan. Would you please write an email template for Karisma to distribute to the 6 selected raters?

Great job, thanks,

Cenk

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Wednesday, Jun 30, 9:27 PM

To: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu

Will do, and I'll wait for those additional MGH cases so they are included

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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From: **CAYATA@mgh.harvard.edu**

Tuesday, Jun 29, 5:18 PM

Works, Ryan. Would you please write an email template for Karisma to distribute to the 6 selected raters?
Great job, thanks,
Cenk

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From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Tuesday, Jun 29, 7:34 PM

External Email - Use Caution

Hi all,

Just wanted to follow up on this — I have a test site up and running, now with a training video, some fixes, and a system for archiving the annotations. Here's an example that is live:

www.spinhub.io/span-colab-72950

username: span

password: Epsmb6tBCURMGCIW

So we should be ready to share this with the sites soon, but I think the last thing we need is a final test run. Perhaps one of you could try loading it up and drawing on a few images and letting me know if it seems to work? Then, I'll check to see that everything was archived properly on my end. It shouldn't take more than a few minutes, and it would be very helpful!

Thanks,

Ryan

Ryan P. Cabeen, PhD
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From: **CAYATA@mgh.harvard.edu**

Thursday, Jun 24, 12:54 PM

Sounds great.

Karisma,

Let's send that email message to the site PIs so they identify the local staff who will do the measurements. They should send a name and email address.

Let me know if issues...

Thanks!

Cenk

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From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Thursday, Jun 24, 3:52 PM

External Email - Use Caution

Thanks Karisma! Yes, I'll need a bit more time to polish and test things, but it's nearly there. The last remaining pieces I see on my end are: to create a training video, to split the data up for each rater, and then do a final test session. I'll circle back after that, should be a few more days. By the way, here's a link to the current version:

<http://www.spinhub.io>

username: span

password: v45nLSXrTYFBmqoX

If you'd like to experiment with the test site above and have any feedback, I'm all ears. The first two images are cartoons I'll use for the tutorial (to be removed before sharing with the sites), and otherwise all of the TTC images are online there now, some of which have annotations that I made.

What I'm imagining is that I can create a separate unique version of this website for each rater, and then the CC can email each rater/site their assigned website url/credentials. Then, I'll be able to access their annotations from the server myself, so their only task would be the labeling and then letting the CC know when they are done. How does that sound?

Ryan P. Cabeen, PhD

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From: **CAYATA@mgh.harvard.edu**

Thursday, Jun 24, 8:25 AM

Thanks, Karisma.

Ryan, I think we need together on with this... do you need more time to implement the online tool?

Thanks!!

Cenk

From: **Karisma A Nagarkatti** | nagarkat@usc.edu

Thursday, Jun 24, 11:22 AM

External Email - Use Caution

Hi Drs. Ayata and Cabeen,

I wanted to follow up on Dr. Ayata's announcement last week that sites will be provided with a online tool to outline some TTC scans. Please let me know when this is available and I will send it out with the instructions that you provide. Dr. Lyden has made a draft email below, please edit as needed. Thanks for your help!

"Dear Colleagues

The CC would like to follow up on the MRI validation plan. As you know, we have 20 subjects that have been scanned with MRI and subject to TTC imaging. Now we will run the MRI scans through the LONI pipeline. To quantify the TTC images, we will use an online tool that allows us to easily collect measurements from multiple users. Please identify one rater from your site to do the TTC outlining. Each rater will get 12 or so brains to analyze.

Many thanks,

The CC"

Thanks,

Karisma

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