RE:

From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 5:37 AM

To: **'Ayata, Cenk, M.D.'** | CAYATA@mgh.harvard.edu, **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Cenk,
On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.

Many thanks,

PL

From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu Saturday, Jun 5, 6:09 AM

To: **Patrick Lyden (USC)** | plyden@usc.edu
Cc: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu

Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.

> From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
>
> Cenk,
> On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
>
> Many thanks,
>
> PL

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 12:20 AM

To: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu
Cc: **Patrick Lyden (USC)** | plyden@usc.edu

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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: cabeen.io

> From: **CAYATA@mgh.harvard.edu** Saturday, Jun 5, 6:09 AM
>
> Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.
>
>
>
> > From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
> >
> > Cenk,
> > On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
> >
> > Many thanks,

PL

From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu Monday, Jun 7, 3:07 AM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu
Cc: **Patrick Lyden (USC)** | plyden@usc.edu

Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.

Ryan and I looked at:
1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.

I would be happy to set up a time to chat.

C

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM

External Email - Use Caution

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM

Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.

From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM

Cenk,
On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.

Many thanks,

PL

From: **Ryan Cabeen** | ryan.cabeen@loni.usc.edu Wednesday, Jun 9, 12:12 PM

To: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu, **Patrick Lyden (USC)** | plyden@usc.edu

Just following up to share the attached report from #2, showing the relationship between early timepoint lesion volume and late timepoint atrophy. Cenk, in addition to what we reviewed, this also shows ipsi vs contra effects, which apparently shows a very clear isolation of the effect on the lesion side. The best model of the ipsi side with a site covariate had an R2 of 0.73 (page 6) — seems encouraging and also makes a good case for the importance of controlling for inter-site differences?

I'm working on making group averaged lesion maps for the dichotomous turning, so we can look over those soon too if you'd like.

-Ryan

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: cabeen.io
www.ini.usc.edu

> From: **CAYATA@mgh.harvard.edu** Monday, Jun 7, 3:07 AM
>
> Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.
>
> Ryan and I looked at:
> 1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
> 2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.
>
> I would be happy to set up a time to chat.
>
> C
>
>
>
> > From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM
> >
> > **External Email - Use Caution**

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM
>
> Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.
>
>
>
> > From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
> >
> > Cenk,
> > On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
> >
> > Many thanks,
> >
> > PL

From: **Ayata, Cenk, M.D.** | CAYATA@mgh.harvard.edu Wednesday, Jun 9, 3:07 PM

To: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu
Cc: **Patrick Lyden (USC)** | plyden@usc.edu

Beautiful...

> From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Wednesday, Jun 9, 3:12 PM
>
> **External Email - Use Caution**
>
> Just following up to share the attached report from #2, showing the relationship between early timepoint lesion volume and late timepoint atrophy. Cenk, in addition to what we reviewed, this also shows ipsi vs contra effects, which apparently shows a very clear isolation of the effect on the lesion side. The best model of the ipsi side with a site covariate had an R2 of 0.73 (page 6) — seems encouraging and also makes a good case for the importance of controlling for inter-site differences?
>
> I'm working on making group averaged lesion maps for the dichotomous turning, so we can look over those soon too if you'd like.
>
> -Ryan
>
> 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: cabeen.io
www.ini.usc.edu

<SPAN-Stage-One-MRI-Report-Early-Vs-Late-2021-06-09.pdf>

From: **CAYATA@mgh.harvard.edu** Monday, Jun 7, 3:07 AM

Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.

Ryan and I looked at:
1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.

I would be happy to set up a time to chat.

C

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM
>
> Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.
>
>
>
> > From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
> >
> > Cenk,
> > On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
> >
> > Many thanks,
> >
> > PL

From: **Patrick Lyden** | plyden@usc.edu Wednesday, Jun 9, 3:44 PM

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

Could I ask you to avoid giving further data to Cenk. We want to control the data flow a little bit better. We have addressed the site-interaction effect (see attached) using multivariable approaches.

> From: **Ayata** | CAYATA@mgh.harvard.edu To: **Ryan.Cabeen@loni.usc.edu** Wednesday, Jun 9, 3:07 PM
>
> Beautiful...

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Wednesday, Jun 9, 3:12 PM

External Email - Use Caution

Just following up to share the attached report from #2, showing the relationship between early timepoint lesion volume and late timepoint atrophy. Cenk, in addition to what we reviewed, this also shows ipsi vs contra effects, which apparently shows a very clear isolation of the effect on the lesion side. The best model of the ipsi side with a site covariate had an R2 of 0.73 (page 6) — seems encouraging and also makes a good case for the importance of controlling for inter-site differences?

I'm working on making group averaged lesion maps for the dichotomous turning, so we can look over those soon too if you'd like.

-Ryan

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
www.ini.usc.edu

<SPAN-Stage-One-MRI-Report-Early-Vs-Late-2021-06-09.pdf>

From: **CAYATA@mgh.harvard.edu** Monday, Jun 7, 3:07 AM

Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.

Ryan and I looked at:
1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.

I would be happy to set up a time to chat.

C

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM

External Email - Use Caution

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM

Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.

> From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
>
> Cenk,
> On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
>
> Many thanks,
>
> PL

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Wednesday, Jun 9, 4:01 PM

To: **Patrick Lyden** | plyden@usc.edu

Yes, of course, I'll make sure you are the first point of contact sharing data going forward.

Does the same go for reviewing individual MRI cases, or only for aggregated data and stats?

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: cabeen.io

From: **Patrick Lyden** | plyden@usc.edu Wednesday, Jun 9, 3:44 PM

Could I ask you to avoid giving further data to Cenk. We want to control the data flow a little bit better. We have addressed the site-interaction effect (see attached) using multivariable approaches.

From: **Ayata** | CAYATA@mgh.harvard.edu To: **Ryan.Cabeen@loni.usc.edu** Wednesday, Jun 9, 3:07 PM

Beautiful...

<Was there a site effect.pptx>

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Wednesday, Jun 9, 3:12 PM

Just following up to share the attached report from #2, showing the relationship between early timepoint lesion volume and late timepoint atrophy. Cenk, in addition to what we reviewed, this also shows ipsi vs contra effects, which apparently shows a very clear isolation of the effect on the lesion side. The best model of the ipsi side with a site covariate had an R2 of 0.73 (page 6) — seems encouraging and also makes a good case for the importance of controlling for inter-site differences?

I'm working on making group averaged lesion maps for the dichotomous turning, so we can look over those soon too if you'd like.

-Ryan

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
www.ini.usc.edu

<SPAN-Stage-One-MRI-Report-Early-Vs-Late-2021-06-09.pdf>

> From: **CAYATA@mgh.harvard.edu** Monday, Jun 7, 3:07 AM
>
> Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.
>
> Ryan and I looked at:
> 1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
> 2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.
>
> I would be happy to set up a time to chat.
>
> C
>
>
>
> > From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM
> >
> > **External Email - Use Caution**
> >
> > Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM
>
> Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.
>
>
>
> > From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
> >
> > Cenk,
> > On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
> >
> > Many thanks,
> >
> > PL

From: **Patrick Lyden** | plyden@usc.edu Wednesday, Jun 9, 4:56 PM

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

Only for aggregate data and stats

> From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu To: **Patrick Lyden** | plyden@usc.edu Wednesday, Jun 9, 4:02 PM
>
> Yes, of course, I'll make sure you are the first point of contact sharing data going forward.
>
> Does the same go for reviewing individual MRI cases, or only for aggregated data and stats?
>
> 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: **Patrick Lyden** | plyden@usc.edu Wednesday, Jun 9, 3:44 PM
> >
> > Could I ask you to avoid giving further data to Cenk. We want to control the data flow a little bit better. We have addressed the site-interaction effect (see attached) using multivariable approaches.
> >
> > > From: **Ayata** | CAYATA@mgh.harvard.edu To: **Ryan.Cabeen@loni.usc.edu** Wednesday, Jun 9, 3:07 PM
> > >
> > > Beautiful...
> > >
> > >
> > > <Was there a site effect.pptx>
> > >
> > > > From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Wednesday, Jun 9, 3:12 PM
> > > >
> > > > **External Email - Use Caution**

Just following up to share the attached report from #2, showing the relationship between early timepoint lesion volume and late timepoint atrophy. Cenk, in addition to what we reviewed, this also shows ipsi vs contra effects, which apparently shows a very clear isolation of the effect on the lesion side. The best model of the ipsi side with a site covariate had an R2 of 0.73 (page 6) — seems encouraging and also makes a good case for the importance of controlling for inter-site differences?

I'm working on making group averaged lesion maps for the dichotomous turning, so we can look over those soon too if you'd like.

-Ryan

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
www.ini.usc.edu

<SPAN-Stage-One-MRI-Report-Early-Vs-Late-2021-06-09.pdf>

> From: **CAYATA@mgh.harvard.edu** Monday, Jun 7, 3:07 AM
>
> Hmmm, my bad, I did not register Pat’s reference to comparing MRI vs. corner by site… we did not do that.
>
> Ryan and I looked at:
> 1) How many cortical-only infarcts there were = <10 I recall. Therefore, we thought cortical-only infarct may not be an explanation for the widespread dichotomy of starting to turn right or left more after stroke.
> 2) Early lesion volume vs. late brain volume by site = a very tight relationship with nearly identical negative slope and very high R2 values within each site. Therefore, we thought early lesion volume quantification was accurate.
>
> I would be happy to set up a time to chat.
>
> C

From: **Ryan Cabeen** | Ryan.Cabeen@loni.usc.edu Monday, Jun 7, 3:20 AM

External Email - Use Caution

Sure thing, I'll compile what we did into a report and send it along. Although, we didn't specifically look at corner test results vs MRI, instead I think it was early MRI lesion vs late MRI atrophy (if that's the one discussed?)

Ryan P. Cabeen, PhD
Postdoctoral Scholar - Chan Zuckerberg Imaging Scientist
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** Saturday, Jun 5, 6:09 AM

Of course. I don’t have any of it, Ryan does. I think it was the same analysis he did for you, but I asked him to make some specific comparisons and we saw what I described.

or respond to e-mail after receiving this message means you understand and accept this risk and wish to continue to communicate over unencrypted e-mail.

> From: **Patrick Lyden** | plyden@usc.edu Saturday, Jun 5, 8:37 AM
>
> Cenk,
> On yesterday's call, you alluded to some analysis you and Ryan had done, comparing MRI vs corner by site. Can we have a copy of that analysis? Of course we have done the same thing, and I would like to see that we get the same answers.
>
> Many thanks,
>
> PL
