

**Subject:** Re: This is pretty wild  
**Date:** Wednesday, July 9, 2025 at 5:17:51 PM Central Daylight Time  
**From:** Wes Thompson  
**To:** Dale Peasley  
**CC:** Martin Paulus, Fan, Chun Chieh, Mikey Ferguson

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awesome!

On Wed, Jul 9, 2025, 15:16 Dale Peasley <[DPeasley@laureateinstitute.org](mailto:DPeasley@laureateinstitute.org)> wrote:

I can see about getting a copy up and running and what it will take to add new components.

Thanks,  
Dale Peasley

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**From:** Wes Thompson <[wes.stat@gmail.com](mailto:wes.stat@gmail.com)>  
**Sent:** Wednesday, July 9, 2025 4:56:19 PM  
**To:** Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)>  
**Cc:** Fan, Chun Chieh <[CFan@laureateinstitute.org](mailto:CFan@laureateinstitute.org)>; Dale Peasley <[DPeasley@laureateinstitute.org](mailto:DPeasley@laureateinstitute.org)>; Mikey Ferguson <[M Ferguson@laureateinstitute.org](mailto:M Ferguson@laureateinstitute.org)>  
**Subject:** Re: This is pretty wild

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Yeah, let's do it.

On Wed, Jul 9, 2025 at 2:56 PM Wes Thompson <[wes.stat@gmail.com](mailto:wes.stat@gmail.com)> wrote:

Great ideas!!!!

On Wed, Jul 9, 2025 at 2:55 PM Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)> wrote:

Yes, I was thinking of DEAP as a natural target,

The Art of War: In the midst of chaos, there is also opportunity.

Martin

Scientific Director and President, Laureate Institute for Brain Research  
[6655 S Yale Ave Tulsa, OK 74136-3326](#) P 918 502 5120 F 918 502 5135

email: [mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org) X:@mpwpaulus

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Professor of Neuroscience, Oxley College of Health and Natural Sciences

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Adjunct Professor, Department of Psychiatry, University of California, San Diego

email: [mpaulus@health.ucsd.edu](mailto:mpaulus@health.ucsd.edu)

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**From:** Fan, Chun Chieh <[CFan@laureateinstitute.org](mailto:CFan@laureateinstitute.org)>

**Date:** Wednesday, July 9, 2025 at 4:40 PM

**To:** Wes Thompson <[wes.stat@gmail.com](mailto:wes.stat@gmail.com)>, Martin Paulus  
<[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)>

**Cc:** Dale Peasley <[DPeasley@laureateinstitute.org](mailto:DPeasley@laureateinstitute.org)>, Mikey Ferguson  
<[MFerguson@laureateinstitute.org](mailto:MFerguson@laureateinstitute.org)>

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Very interesting.

They used langchain as the agent interface ([https://github.com/snapstanford/Biomni/blob/main/biomni\\_env/environment.yml](https://github.com/snapstanford/Biomni/blob/main/biomni_env/environment.yml)) while specifically makes the agent interact with data through ~150 pre-installed toolsets.

It is like LLM version of SPSS. The most compelling case in their paper is the one with detailed analysis plan put by one of the collaborative researchers, basically turning the planned document into reality. The interface and the workflow seems really nice.

Two thoughts on this:

1. They did not incorporate workflow for brain imaging analysis, which should be a trivial extension and can be very well align with what LIBR need.
2. Should be a ABCD-HBCD Biomini for DEAP.....

Best,

Chun

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**From:** Wes Thompson <[wes.stat@gmail.com](mailto:wes.stat@gmail.com)>  
**Sent:** Wednesday, July 9, 2025 2:05 PM  
**To:** Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)>  
**Cc:** Fan, Chun Chieh <[CFan@laureateinstitute.org](mailto:CFan@laureateinstitute.org)>; Dale Peasley <[DPeasley@laureateinstitute.org](mailto:DPeasley@laureateinstitute.org)>; Mikey Ferguson <[M Ferguson@laureateinstitute.org](mailto:M Ferguson@laureateinstitute.org)>  
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Thanks, I'll check it out!

On Wed, Jul 9, 2025 at 2:03 PM Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)> wrote:

If you go on the website it has some tutorials, you can conduct standard experiments using existing public data with an LLM interface, it has an R backbone for statistical analyses,

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Martin

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Adjunct Professor, Department of Psychiatry, University of California, San Diego

email: [mpaulus@health.ucsd.edu](mailto:mpaulus@health.ucsd.edu)

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**From:** Wes Thompson <[wes.stat@gmail.com](mailto:wes.stat@gmail.com)>

**Date:** Wednesday, July 9, 2025 at 4:02 PM

**To:** Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)>

**Cc:** Fan, Chun Chieh <[CFan@laureateinstitute.org](mailto:CFan@laureateinstitute.org)>, Dale Peasley  
<[DPeasley@laureateinstitute.org](mailto:DPeasley@laureateinstitute.org)>, Mikey Ferguson  
<[MFerguson@laureateinstitute.org](mailto:MFerguson@laureateinstitute.org)>

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I don't understand what it does from that X post?

On Wed, Jul 9, 2025 at 2:00 PM Martin Paulus <[mpaulus@laureateinstitute.org](mailto:mpaulus@laureateinstitute.org)> wrote:

<https://x.com/KexinHuang5/status/1943033941759529398>

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