

Subject: RE: catching up re model paper and HBM
Date: Wednesday, February 9, 2022 at 9:47:01 PM Pacific Standard Time
From: McAllister, Murdoch
To: gottfried.pestal@solv.ca
CC: Wendell Challenger, Karl English
Attachments: Seven new HBM model runs mkm1.docx, WinBUGS model updated HBM 23 results r3_mkm.xlsx

Hi Gottfried,

To give you a heads up, Wendell, Karl and I arrived late December at a new base case version of the HBM with application so far only to the Skeena sockeye salmon stocks. This new base case HBM is based largely on Korman and English's (2013) HBM model version, is as simple and transparent as possible, uses vague priors for stocks for which limnological information is sketchy, and implements a correction to a minor coding error and also parses out common effects in stock-productivity that are shared across stocks. Both WinBUGS and JAGS code versions of this base case HBM have been developed. An additional six sensitivity model runs have been carried out to test various features of the new base case implementation. Summaries of the features of the new base case HBM and tests of sensitivity are outlined in the attached documents. Wendell is to assist with production of base case HBM outputs that can be added to TWG report figures and tables where appropriate. And if it is deemed appropriate, the results of HBM sensitivity runs could be documented in an appendix.

Best regards,
Murdoch

-----Original Message-----

From: gottfried.pestal@solv.ca <gottfried.pestal@solv.ca>
Sent: Wednesday, February 9, 2022 10:06 AM
To: McAllister, Murdoch <m.mcallister@oceans.ubc.ca>; wchallenger@lgl.com
Subject: RE: catching up re model paper and HBM

[CAUTION: Non-UBC Email]

Hi Murdoch,

sure, but keep in mind that the figs and tables have been revised since then. All part of the reorg as the paper(s) are taking shape. More on that next week...

Cheers,
Gottfried

On Wed, 9 Feb 2022 17:53:40 +0000, "McAllister, Murdoch" <m.mcallister@oceans.ubc.ca> wrote:

Hi Gottfried,

Would it be ok with you if Karl English could also participate in our meeting next Wednesday? Karl had recently provided some really good ideas on how to efficiently include HBM results within the formatting

constraints in previously generated figures and tables.

Cheers,
Murdoch

-----Original Message-----

From: gottfried.pestal@solv.ca
Sent: Wednesday, February 9, 2022 9:07 AM
To: wchallenger@lgl.com; McAllister, Murdoch
Subject: Re: catching up re model paper and HBM

[CAUTION: Non-UBC Email]

That'll keep us focused. Talk then

On Wed, 9 Feb 2022 16:29:03 +0000, Wendell Challenger wrote:

Wed 9 am works (Feb 16), as long as we can wrap up before 10 am as I have another workshop.

Wendell

On 2022-02-09, 8:22 AM, "gottfried.pestal@solv.ca" wrote:

How about Wed am at 9? Trying to get calls done early in the day...

On Wed, 9 Feb 2022 16:16:21 +0000, Wendell Challenger wrote:

I am in a workshop Thurs until 11:30 am, but available thereafter.

Regards,

Wendell

On 2022-02-09, 8:12 AM, "gottfried.pestal@solv.ca" wrote:

Hi Wendell,

sorry for being vague. I was asking about next week...

So, can we just pick Thu Feb 17 9am?

Whose zoom/teams/goto mtg do we use?

Cheers,

Gottfried

On Wed, 9 Feb 2022 16:07:00 +0000, Wendell Challenger wrote:

Tomorrow morning works for me, I am also available next week like Murdoch.

Regards,

Wendell

On 2022-02-09, 8:03 AM, "gottfried.pestal@solv.ca" wrote:

Hi Murdoch,

great!

Wendell: are you available first thing Thu morning?

Cheers,
Gottfried

On Wed, 9 Feb 2022 15:54:52 +0000, "McAllister, Murdoch" wrote:

Hi Gottfried,

Thanks for your e-mail and update. I'd be available next week except for the morning of Friday 18th.

All the best,
Murdoch

-----Original Message-----

From: gottfried.pestal@solv.ca

Sent: Tuesday, February 8, 2022 7:51 PM

To: McAllister, Murdoch ; wchallenger@lgl.com

Subject: catching up re model paper and HBM

[CAUTION: Non-UBC Email]

Hi Wendell and Murdoch,

Are you available sometime later next week to touch base re: models/outputs/write-ups?

Note: fundamental stuff re: concepts and scoping will be covered at the TWG, or other broader discussions. This is really focused on coordinating inputs/outputs and figuring out how the two sets of analyses can best fit together.

Basically I'd like to give you a tour of the draft structure for the res doc, and a separate report with the stock-by-stock details. I know, I know, you're wondering why another report?

I'll explain all that on the call.

I'd also like to give you a tour of the reorganized sandbox repo, because that matches the structure of the res doc.

For now there's a bunch of placeholders in tables for HBM results, and we need to figure out:

- 1) whether this current structure works
- 2) how to get your outputs into that structure
- 3) section writing etc

Cheers,
Gottfried