To: [5.1.2e] [[5.1.2e] @rivm.nl]; [5.1.2e] [[5.1.2e] @rivm.nl]; [5.1.2e] [5.1.2e] [[5.1.2e] @rivm.nl]; [5.1.2e] [[5.1.2e] @rivm.nl]
From: [5.1.2e]
Sent: Thur 1/21/2021 9:12:24 AM
Subject: RE: allocating vaccines
Received: Thur 1/21/2021 9:12:25 AM

Hi [5.1.2e]
Another issue to consider is what to do with vaccine effectiveness, mode of action and vaccine efficacy against disease (this is what was measured in the trials), against transmission (what we don't know yet). I assume that you have been planning to model it as an all-or-nothing vaccine, vaccine effectiveness is equal to vaccine efficacy against disease, and that vaccination acts by preventing infection (and therefore disease, transmission).
It is more about the written statement that will appear with the results, it is not feasible to cover all of these issues in your model, certainly not in a day. I would say that all of these assumptions (together with an assumption that acceptance is random rather than clustered) lean towards a slightly optimistic interpretation of the impact of vaccination.
Best
[5.1.2e]

From: [5.1.2e] < [5.1.2e] @rivm.nl>
Sent: donderdag 21 januari 2021 09:47
To: [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>
Subject: RE: allocating vaccines

Hi [5.1.2e]
Separating 1st and 2nd dose may be better but is not possible this week.
[5.1.2e]

From: [5.1.2e] < [5.1.2e] @rivm.nl>
Sent: Thursday 21 January 2021 09:45
To: [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>; [5.1.2e] < [5.1.2e] @rivm.nl>
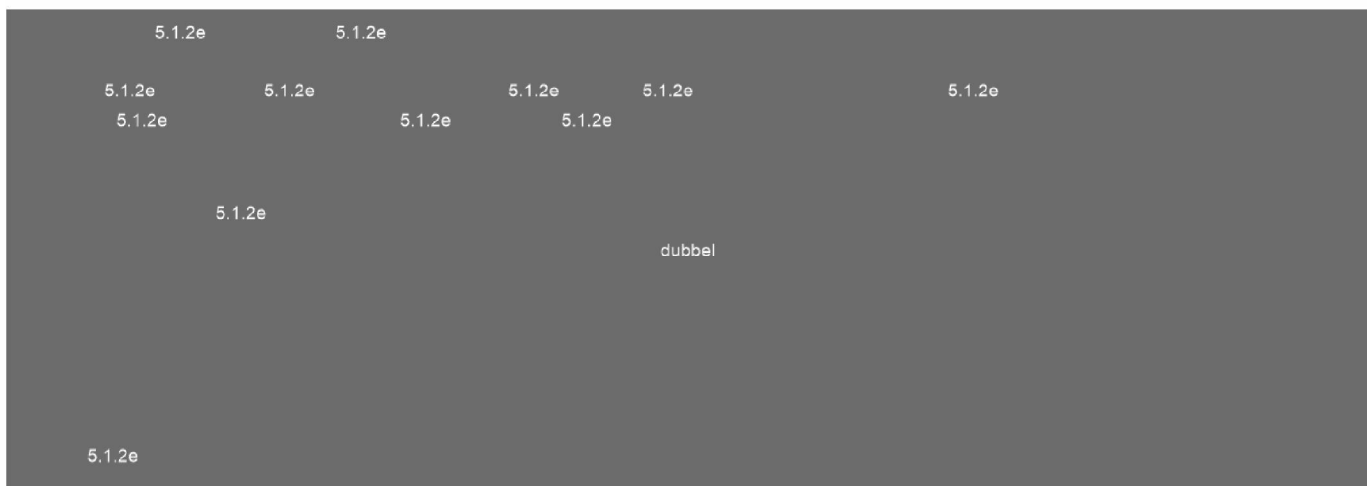**Subject:** RE: allocating vaccines

Hi [5.1.2e]

I am just looking at your work, and will try to see how I can check all these constrains, too. And I agree with [5.1.2e] that we should estimate uptake of 1st and 2nd dose separately, because then we can use the same estimates in both your and [5.1.2e] model (if I am correct).

BW,
[5.1.2e]

[5.1.2e]   [5.1.2e]

[5.1.2e]   [5.1.2e]   [5.1.2e]   [5.1.2e]   [5.1.2e]
[5.1.2e]   [5.1.2e]   [5.1.2e]

[5.1.2e]

dubbel

[5.1.2e]

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