

Re: Using Solver with Linear Constraint(s)

Source: <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel/2008-06/msg00634.html>

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 - *Date:* Thu, 12 Jun 2008 19:06:00 -0300
-

How about give the J's a relationship

J4 =a

J5=J4+b

J6 =J5+b

Now vary a and b to get solution

best wishes

Bernard V Liengme

Microsoft Excel MVP

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remove caps from email

"stef" <notvalid@xxxxxxxxxxx> wrote in message

news:O2avIUNzIHA.5108@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Excel 2002 SP3

Win XP Pro SP2

Follow-up to: microsoft.public.excel

Hi,

Sorry but I have "writer's block" right now as regards to a spreadsheet solution I need.

It's a simple problem but I am just drawing a blank at the moment...

Let me try to describe it:

I have a cell chosen as the target for solver e.g. M25 = 1% (total market share)

And a range as the cells to change by solver e.g. J4:J23 (market share as % at each period e.g. month or quarter, etc.)

Each cell needs to progressively grow until reaching 1%. And the rate of growth of the cells in J4:23 needs to stay constant or linear.

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The 1st value affected by J4 is a \$ amount like \$100,000. The ending value is very high in comparison: 100,000 % that the original \$ value.

I cannot project the 1% divided by the number of period as the 1st period growth would be much too high.

I need the values in the range J4:J23 to change to solve the equation but in a linear fashion, each cell value being progressively higher than the last.

I have played around with the Linear, Automatic Scaling, etc.; options but have not been able to get the result I want.

Actually, I do not really see a linear solution in this case but again, I am in a "blank" right now....

Any help or suggestion?