Model Parameters

This is the example vignette for function: **snw_mp_param** from the **PrjOptiSNW Package**. This function sets and gets different parameters.

Parameters Used for Test Simulation

Rather than solving for all ages between 18 to 100, this solves for age groups, and has limited shocks and asset levels. Used for testing.

```
mp_params = snw_mp_param('default_small', true, 100, 6);
```

```
----------------------------------------
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_preftechpricegov Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                              i     idx      value

                              __    ___     _____

    Bequests                  1     1             0
    a0                        2     2         0.258
    a1                        3     3         0.768
    a2                        4     4        1.5286
    a2_covidyr                5     5           NaN
    a2_covidyr_manna_heaven   6     6        1.5286
    a2_covidyr_tax_fully_pay  7     7        12.718
    bequests_option           8     8             1
    beta                      9     9       0.86389
    cons_allocation_rule      10    10            2
    g_cons                    11    11      0.17576
    g_n                       12    12      0.05101
    gamma                     13    13            2
    jret                      14    14           13
    r                         15    15      0.21665
    theta                     16    16      0.56523
    throw_in_ocean            17    17            1


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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_intlen Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                      i     idx      value

                      _     ___     _____

    n_agrid           1     1        25
    n_educgrid        2     2         2
    n_eta_H_grid      3     3         5
    n_eta_S_grid      4     4         1
    n_etagrid         5     5         5
    n_jgrid           6     6        18
    n_kidsgrid        7     7         3
    n_marriedgrid     8     8         2


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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_covid_unemploy ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari	min
	_	___	____	_____	____	____	_____	_____	_____	_____	_____
inc_grid	1	3	2	201	201	1	578.5	2.8781	1.8836	0.65444	0

pi_unemp	2	6	2	240	48	5	9.5319	0.039716	0.019674	0.49537	0.01241

xxx TABLE:inc_grid xxxxxxxxxxxxxxxxxx

	c1
r1	0
r2	0.026667
r3	0.053333
r4	0.08
r5	0.10667
r6	0.13333
r7	0.16
r8	0.18667
r9	0.21333
r10	0.24
r11	0.26667
r12	0.29333
r13	0.32
r14	0.34667
r15	0.37333
r16	0.4
r17	0.42667
r18	0.45333
r19	0.48
r20	0.50667
r21	0.53333
r22	0.56
r23	0.58667
r24	0.61333
r25	0.64
r26	0.66667
r27	0.69333
r28	0.72
r29	0.74667
r30	0.77333
r31	0.8
r32	0.82667
r33	0.85333
r34	0.88
r35	0.90667
r36	0.93333
r37	0.96
r38	0.98667
r39	1.0133
r40	1.04
r41	1.0667
r42	1.0933
r43	1.12
r44	1.1467
r45	1.1733
r46	1.2
r47	1.2267
r48	1.2533
r49	1.28
r50	1.3067
r152	4.06
r153	4.12
r154	4.18
r155	4.24
r156	4.3
r157	4.36
r158	4.42
r159	4.48
r160	4.54

xxx TABLE:inc_grid xxxxxxxxxxxxxxxxxx

r161	4.6
r162	4.66
r163	4.72
r164	4.78
r165	4.84
r166	4.9
r167	4.96
r168	5.02
r169	5.08
r170	5.14
r171	5.2
r172	5.26
r173	5.32
r174	5.38
r175	5.44
r176	5.5
r177	5.56
r178	5.62
r179	5.68
r180	5.74
r181	5.8
r182	5.86
r183	5.92
r184	5.98
r185	6.04
r186	6.1
r187	6.16
r188	6.22
r189	6.28
r190	6.34
r191	6.4
r192	6.46
r193	6.52
r194	6.58
r195	6.64
r196	6.7
r197	6.76
r198	6.82
r199	6.88
r200	6.94
r201	7

xxx TABLE:pi_unemp xxxxxxxxxxxxxxxxxxx

	c1	c2	c3	c4	c5
r1	0.080278	0.051706	0.041502	0.03538	0.025176
r2	0.080278	0.051706	0.041502	0.03538	0.025176
r3	0.080278	0.051706	0.041502	0.03538	0.025176
r4	0.080278	0.051706	0.041502	0.03538	0.025176
r5	0.080278	0.051706	0.041502	0.03538	0.025176
r6	0.080278	0.051706	0.041502	0.03538	0.025176
r7	0.080278	0.051706	0.041502	0.03538	0.025176
r8	0.080278	0.051706	0.041502	0.03538	0.025176
r9	0.080278	0.051706	0.041502	0.03538	0.025176
r10	0.080278	0.051706	0.041502	0.03538	0.025176
r11	0.080278	0.051706	0.041502	0.03538	0.025176
r12	0.080278	0.051706	0.041502	0.03538	0.025176
r13	0.080278	0.051706	0.041502	0.03538	0.025176
r14	0.070703	0.042132	0.031928	0.025805	0.015601
r15	0.070703	0.042132	0.031928	0.025805	0.015601
r16	0.070703	0.042132	0.031928	0.025805	0.015601
r17	0.070703	0.042132	0.031928	0.025805	0.015601
r18	0.070703	0.042132	0.031928	0.025805	0.015601
r19	0.070703	0.042132	0.031928	0.025805	0.015601

```
r20    0.070703    0.042132    0.031928    0.025805    0.015601
r21    0.070703    0.042132    0.031928    0.025805    0.015601
r22    0.070703    0.042132    0.031928    0.025805    0.015601
r23    0.070703    0.042132    0.031928    0.025805    0.015601
r24    0.067512    0.038941    0.028736    0.022614     0.01241
r25    0.067512    0.038941    0.028736    0.022614     0.01241
r26    0.067512    0.038941    0.028736    0.022614     0.01241
r27    0.067512    0.038941    0.028736    0.022614     0.01241
r28    0.067512    0.038941    0.028736    0.022614     0.01241
r29    0.067512    0.038941    0.028736    0.022614     0.01241
r30    0.067512    0.038941    0.028736    0.022614     0.01241
r31    0.067512    0.038941    0.028736    0.022614     0.01241
r32    0.067512    0.038941    0.028736    0.022614     0.01241
r33    0.067512    0.038941    0.028736    0.022614     0.01241
r34    0.068576    0.040004      0.0298    0.023678    0.013474
r35    0.068576    0.040004      0.0298    0.023678    0.013474
r36    0.068576    0.040004      0.0298    0.023678    0.013474
r37    0.068576    0.040004      0.0298    0.023678    0.013474
r38    0.068576    0.040004      0.0298    0.023678    0.013474
r39    0.068576    0.040004      0.0298    0.023678    0.013474
r40    0.068576    0.040004      0.0298    0.023678    0.013474
r41    0.068576    0.040004      0.0298    0.023678    0.013474
r42    0.068576    0.040004      0.0298    0.023678    0.013474
r43    0.068576    0.040004      0.0298    0.023678    0.013474
r44    0.080278    0.051706    0.041502     0.03538    0.025176
r45    0.080278    0.051706    0.041502     0.03538    0.025176
r46    0.080278    0.051706    0.041502     0.03538    0.025176
r47    0.080278    0.051706    0.041502     0.03538    0.025176
r48    0.080278    0.051706    0.041502     0.03538    0.025176
```

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_covid_unemploy Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	value
TR	1	1	0.0017225
b	2	2	1
n_incgrid	3	4	201
n_welfchecksgrid	4	5	45
scaleconvertor	5	7	58056
xi	6	8	0.75

```
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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_statesgrid ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari
agrid	1	1	2	25	25	1	878.91	35.156	41.372	1.1768
eta_H_grid	2	2	2	5	5	1	-2.2204e-16	-4.4409e-17	1.4543	-3.2747e+16
eta_S_grid	3	3	2	5	5	1	0	0	0	NaN

```
xxx TABLE:agrid xxxxxxxxxxxxxxxxxxx
```

	c1
r1	0
r2	0.0097656
r3	0.078125
r4	0.26367
r5	0.625
r6	1.2207

```
r7          2.1094
r8          3.3496
r9               5
r10         7.1191
r11         9.7656
r12         12.998
r13         16.875
r14         21.455
r15         26.797
r16         32.959
r17             40
r18         47.979
r19         56.953
r20         66.982
r21         78.125
r22         90.439
r23         103.98
r24         118.82
r25            135
```

xxx TABLE:eta_H_grid xxxxxxxxxxxxxxxxxxx
```
          c1

        _____

    r1    -1.8395
    r2    -0.91976
    r3          0
    r4     0.91976
    r5      1.8395
```

xxx TABLE:eta_S_grid xxxxxxxxxxxxxxxxxxx
```
        c1

        __

    r1   0
    r2   0
    r3   0
    r4   0
    r5   0
```

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_exotrans ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari
cl_mt_pi_jem_kidseta	1	2	2	1	1	1	0	0	0	NaN
pi_H_eta	2	3	2	25	5	5	5	0.2	0.38512	1.9256
pi_eta	3	5	2	25	5	5	5	0.2	0.38512	1.9256
pi_kids	4	6	5	648	3	216	216	0.33333	0.35615	1.0684
psi	5	7	2	18	18	1	14.251	0.79171	0.31255	0.39478

xxx TABLE:cl_mt_pi_jem_kidseta xxxxxxxxxxxxxxxxxxxx
```
        c1

        __

    r1   0
```

xxx TABLE:pi_H_eta xxxxxxxxxxxxxxxxxxxx

	c1	c2	c3	c4	c5
r1	0.925	0.075001	4.8068e-10	0	0
r2	0.0026569	0.96788	0.029459	2.602e-11	0

5

```
r3    1.1558e-12    0.0096913       0.98062    0.0096913    1.1559e-12
r4      1.28e-29     2.602e-11      0.029459     0.96788     0.0026569
r5    2.8504e-54    1.8802e-27    4.8068e-10     0.075001        0.925
```

xxx TABLE:pi_eta xxxxxxxxxxxxxxxxxx

	c1	c2	c3	c4	c5
r1	0.925	0.075001	4.8068e-10	0	0
r2	0.0026569	0.96788	0.029459	2.602e-11	0
r3	1.1558e-12	0.0096913	0.98062	0.0096913	1.1559e-12
r4	1.28e-29	2.602e-11	0.029459	0.96788	0.0026569
r5	2.8504e-54	1.8802e-27	4.8068e-10	0.075001	0.925

xxx TABLE:pi_kids xxxxxxxxxxxxxxxxxx

	c1	c2	c3	c214	c215	c216
r1	0.88584	0.11137	0.0027905	1	0	0
r2	0.051343	0.66234	0.28632	1	0	0
r3	0.0015025	0.063309	0.93519	1	0	0

xxx TABLE:psi xxxxxxxxxxxxxxxxxx

	c1
r1	0.99935
r2	0.99623
r3	0.99635
r4	0.99537
r5	0.99299
r6	0.98956
r7	0.98547
r8	0.98022
r9	0.96914
r10	0.95071
r11	0.92082
r12	0.87772
r13	0.81394
r14	0.70638
r15	0.54032
r16	0.34767
r17	0.18848
r18	0

```
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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_exotrans Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	value
bl_store_shock_trans	1	1	0
pi_S_eta	2	4	1

```
-----------------------------------------
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_typelife ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari	min	ma
SS	1	1	2	36	18	2	3.2218	0.089493	0.12913	1.443	0	0.29
epsilon	2	2	2	36	18	2	39.526	1.0979	0.85451	0.77828	0	2.2

xxx TABLE:SS xxxxxxxxxxxxxxxxxx

	c1	c2
r1	0	0
r2	0	0
r3	0	0
r4	0	0
r5	0	0
r6	0	0
r7	0	0
r8	0	0
r9	0	0
r10	0	0
r11	0	0
r12	0	0
r13	0.24433	0.29263
r14	0.24433	0.29263
r15	0.24433	0.29263
r16	0.24433	0.29263
r17	0.24433	0.29263
r18	0.24433	0.29263

xxx TABLE:epsilon xxxxxxxxxxxxxxxxxx

	c1	c2
r1	1	1
r2	1.0778	1.1836
r3	1.2546	1.6124
r4	1.397	1.9418
r5	1.5022	2.1452
r6	1.5712	2.2394
r7	1.6064	2.2588
r8	1.6097	2.2341
r9	1.5815	2.182
r10	1.5204	2.1034
r11	1.4243	1.9846
r12	1.2917	1.8041
r13	0	0
r14	0	0
r15	0	0
r16	0	0
r17	0	0
r18	0	0

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_stat ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari
Pop	1	1	2	18	18	1	9.8945	0.54969	0.31889	0.58012
stat_distr_educ	2	3	2	2	1	2	1	0.5	0.2786	0.5572
stat_distr_eta	3	4	2	5	1	5	1	0.2	0.24003	1.2001
stat_distr_kids	4	5	3	12	2	6	4	0.33333	0.33166	0.99497
stat_distr_married	5	6	2	4	2	2	2	0.5	0.073381	0.14676

xxx TABLE:Pop xxxxxxxxxxxxxxxxxx

	c1
r1	1
r2	0.95085

```
        r3      0.90129
        r4      0.85442
        r5      0.80919
        r6      0.76452
        r7      0.71982
        r8      0.67493
        r9      0.62947
        r10     0.58044
        r11     0.52505
        r12     0.46001
        r13     0.38416
        r14     0.29751
        r15     0.19995
        r16      0.1028
        r17     0.034004
        r18     0.006098

 xxx TABLE:stat_distr_educ xxxxxxxxxxxxxxxxxxx
            c1         c2

          _____      _____

     r1    0.697      0.303

 xxx TABLE:stat_distr_eta xxxxxxxxxxxxxxxxxxx
            c1          c2         c3         c4          c5

          _____   _____    _____    _____    _____

     r1    0.0069316   0.19567    0.59479    0.19567    0.0069316

 xxx TABLE:stat_distr_kids xxxxxxxxxxxxxxxxxxx
            c1          c2         c3         c4          c5          c6

          _____     _____    _____    _____    _____    _____

     r1    0.75801     0.44877     0.1564    0.32041     0.08559     0.23083
     r2    0.97627     0.7604     0.023626   0.2173     0.00010011   0.022305

 xxx TABLE:stat_distr_married xxxxxxxxxxxxxxxxxxx
            c1         c2

          _____     _____

     r1    0.5635     0.4365
     r2    0.4364     0.5636

 ----------------------------------------
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
 CONTAINER NAME: mp_params_stat String
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                            i    idx                         string

                           ___    ___    _____

     st_old_age_depend     "1"    "2"    "Old-age dependency ratio (ratio of 65+/(18-64))=0.1155"
```

Documentation Run Parameters Docdense

Parameters used for documentation vig. "docdense" uses less shocks than the version of the model used to implement the allocation problems in the Nygaard, Sorensen and Wang (2020).

```
mp_params = snw_mp_param('default_docdense', true, 100, 6);

 ----------------------------------------
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
 CONTAINER NAME: mp_params_preftechpricegov Scalars
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	value
Bequests	1	1	0
a0	2	2	0.258
a1	3	3	0.768
a2	4	4	1.5286
a2_covidyr	5	5	NaN
a2_covidyr_manna_heaven	6	6	1.5286
a2_covidyr_tax_fully_pay	7	7	12.718
bequests_option	8	8	1
beta	9	9	0.97116
cons_allocation_rule	10	10	2
g_cons	11	11	0.17576
g_n	12	12	0.01
gamma	13	13	2
jret	14	14	48
r	15	15	0.04
theta	16	16	0.56523
throw_in_ocean	17	17	1

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_intlen Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	value
n_agrid	1	1	65
n_educgrid	2	2	2
n_eta_H_grid	3	3	81
n_eta_S_grid	4	4	5
n_etagrid	5	5	405
n_jgrid	6	6	83
n_kidsgrid	7	7	5
n_marriedgrid	8	8	2

```
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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_covid_unemploy ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari	min	
inc_grid	1	3	2	201	201	1	578.5	2.8781	1.8836	0.65444	0	
pi_unemp	2	6	2	415	83	5	9.5319	0.022968	0.024679	1.0745	0	0.

```
xxx TABLE:inc_grid xxxxxxxxxxxxxxxxxxx
```

	c1
r1	0
r2	0.026667
r3	0.053333
r4	0.08
r5	0.10667
r6	0.13333
r7	0.16
r8	0.18667
r9	0.21333
r10	0.24
r11	0.26667
r12	0.29333
r13	0.32
r14	0.34667

r15	0.37333
r16	0.4
r17	0.42667
r18	0.45333
r19	0.48
r20	0.50667
r21	0.53333
r22	0.56
r23	0.58667
r24	0.61333
r25	0.64
r26	0.66667
r27	0.69333
r28	0.72
r29	0.74667
r30	0.77333
r31	0.8
r32	0.82667
r33	0.85333
r34	0.88
r35	0.90667
r36	0.93333
r37	0.96
r38	0.98667
r39	1.0133
r40	1.04
r41	1.0667
r42	1.0933
r43	1.12
r44	1.1467
r45	1.1733
r46	1.2
r47	1.2267
r48	1.2533
r49	1.28
r50	1.3067
r152	4.06
r153	4.12
r154	4.18
r155	4.24
r156	4.3
r157	4.36
r158	4.42
r159	4.48
r160	4.54
r161	4.6
r162	4.66
r163	4.72
r164	4.78
r165	4.84
r166	4.9
r167	4.96
r168	5.02
r169	5.08
r170	5.14
r171	5.2
r172	5.26
r173	5.32
r174	5.38
r175	5.44
r176	5.5
r177	5.56
r178	5.62
r179	5.68
r180	5.74

r181	5.8
r182	5.86
r183	5.92
r184	5.98
r185	6.04
r186	6.1
r187	6.16
r188	6.22
r189	6.28
r190	6.34
r191	6.4
r192	6.46
r193	6.52
r194	6.58
r195	6.64
r196	6.7
r197	6.76
r198	6.82
r199	6.88
r200	6.94
r201	7

xxx TABLE:pi_unemp xxxxxxxxxxxxxxxxxxx

	c1	c2	c3	c4	c5
r1	0.080278	0.051706	0.041502	0.03538	0.025176
r2	0.080278	0.051706	0.041502	0.03538	0.025176
r3	0.080278	0.051706	0.041502	0.03538	0.025176
r4	0.080278	0.051706	0.041502	0.03538	0.025176
r5	0.080278	0.051706	0.041502	0.03538	0.025176
r6	0.080278	0.051706	0.041502	0.03538	0.025176
r7	0.080278	0.051706	0.041502	0.03538	0.025176
r8	0.080278	0.051706	0.041502	0.03538	0.025176
r9	0.080278	0.051706	0.041502	0.03538	0.025176
r10	0.080278	0.051706	0.041502	0.03538	0.025176
r11	0.080278	0.051706	0.041502	0.03538	0.025176
r12	0.080278	0.051706	0.041502	0.03538	0.025176
r13	0.080278	0.051706	0.041502	0.03538	0.025176
r14	0.070703	0.042132	0.031928	0.025805	0.015601
r15	0.070703	0.042132	0.031928	0.025805	0.015601
r16	0.070703	0.042132	0.031928	0.025805	0.015601
r17	0.070703	0.042132	0.031928	0.025805	0.015601
r18	0.070703	0.042132	0.031928	0.025805	0.015601
r19	0.070703	0.042132	0.031928	0.025805	0.015601
r20	0.070703	0.042132	0.031928	0.025805	0.015601
r21	0.070703	0.042132	0.031928	0.025805	0.015601
r22	0.070703	0.042132	0.031928	0.025805	0.015601
r23	0.070703	0.042132	0.031928	0.025805	0.015601
r24	0.067512	0.038941	0.028736	0.022614	0.01241
r25	0.067512	0.038941	0.028736	0.022614	0.01241
r26	0.067512	0.038941	0.028736	0.022614	0.01241
r27	0.067512	0.038941	0.028736	0.022614	0.01241
r28	0.067512	0.038941	0.028736	0.022614	0.01241
r29	0.067512	0.038941	0.028736	0.022614	0.01241
r30	0.067512	0.038941	0.028736	0.022614	0.01241
r31	0.067512	0.038941	0.028736	0.022614	0.01241
r32	0.067512	0.038941	0.028736	0.022614	0.01241
r33	0.067512	0.038941	0.028736	0.022614	0.01241
r34	0.068576	0.040004	0.0298	0.023678	0.013474
r35	0.068576	0.040004	0.0298	0.023678	0.013474
r36	0.068576	0.040004	0.0298	0.023678	0.013474
r37	0.068576	0.040004	0.0298	0.023678	0.013474
r38	0.068576	0.040004	0.0298	0.023678	0.013474
r39	0.068576	0.040004	0.0298	0.023678	0.013474

```
r40    0.068576    0.040004       0.0298    0.023678     0.013474
r41    0.068576    0.040004       0.0298    0.023678     0.013474
r42    0.068576    0.040004       0.0298    0.023678     0.013474
r43    0.068576    0.040004       0.0298    0.023678     0.013474
r44    0.080278    0.051706     0.041502     0.03538     0.025176
r45    0.080278    0.051706     0.041502     0.03538     0.025176
r46    0.080278    0.051706     0.041502     0.03538     0.025176
r47    0.080278    0.051706     0.041502     0.03538     0.025176
r48    0.080278    0.051706     0.041502     0.03538     0.025176
r49           0           0            0           0            0
r50           0           0            0           0            0
r51           0           0            0           0            0
r52           0           0            0           0            0
r53           0           0            0           0            0
r54           0           0            0           0            0
r55           0           0            0           0            0
r56           0           0            0           0            0
r57           0           0            0           0            0
r58           0           0            0           0            0
r59           0           0            0           0            0
r60           0           0            0           0            0
r61           0           0            0           0            0
r62           0           0            0           0            0
r63           0           0            0           0            0
r64           0           0            0           0            0
r65           0           0            0           0            0
r66           0           0            0           0            0
r67           0           0            0           0            0
r68           0           0            0           0            0
r69           0           0            0           0            0
r70           0           0            0           0            0
r71           0           0            0           0            0
r72           0           0            0           0            0
r73           0           0            0           0            0
r74           0           0            0           0            0
r75           0           0            0           0            0
r76           0           0            0           0            0
r77           0           0            0           0            0
r78           0           0            0           0            0
r79           0           0            0           0            0
r80           0           0            0           0            0
r81           0           0            0           0            0
r82           0           0            0           0            0
r83           0           0            0           0            0


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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_covid_unemploy Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                        i    idx      value

                        _    ___    _____

    TR                  1     1    0.0017225
    b                   2     2            1
    n_incgrid           3     4          201
    n_welfchecksgrid    4     5           45
    scaleconvertor      5     7        58056
    xi                  6     8         0.75


-----------------------------------------
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_statesgrid ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                 i    idx    ndim    numel    rowN    colN       sum         mean        std       coefvari

                 _    ___    ____    _____    ____    ____    _____    _____    _____    _____
```

agrid	1	1	2	65	65	1	2228	34.277	39.432	1.1504
eta_H_grid	2	2	2	405	405	1	1.3234e-13	3.2676e-16	1.5783	4.8301e+15
eta_S_grid	3	3	2	405	405	1	-1.7764e-14	-4.3861e-17	2.2103	-5.0393e+16

xxx TABLE:agrid xxxxxxxxxxxxxxxxxxx

	c1
r1	0
r2	0.00051498
r3	0.0041199
r4	0.013905
r5	0.032959
r6	0.064373
r7	0.11124
r8	0.17664
r9	0.26367
r10	0.37542
r11	0.51498
r12	0.68544
r13	0.88989
r14	1.1314
r15	1.4131
r16	1.7381
r17	2.1094
r18	2.5301
r19	3.0034
r20	3.5323
r21	4.1199
r22	4.7693
r23	5.4836
r24	6.2658
r25	7.1191
r26	8.0466
r27	9.0514
r28	10.136
r29	11.305
r30	12.56
r31	13.905
r32	15.342
r33	16.875
r34	18.507
r35	20.241
r36	22.08
r37	24.027
r38	26.085
r39	28.258
r40	30.548
r41	32.959
r42	35.493
r43	38.154
r44	40.945
r45	43.868
r46	46.928
r47	50.126
r48	53.467
r49	56.953
r50	60.587
r51	64.373
r52	68.313
r53	72.411
r54	76.669
r55	81.091
r56	85.68

r57	90.439
r58	95.371
r59	100.48
r60	105.77
r61	111.24
r62	116.89
r63	122.74
r64	128.77
r65	135

xxx TABLE:eta_H_grid xxxxxxxxxxxxxxxxxx

	c1
r1	-2.6968
r2	-2.6294
r3	-2.562
r4	-2.4945
r5	-2.4271
r6	-2.3597
r7	-2.2923
r8	-2.2249
r9	-2.1574
r10	-2.09
r11	-2.0226
r12	-1.9552
r13	-1.8878
r14	-1.8203
r15	-1.7529
r16	-1.6855
r17	-1.6181
r18	-1.5507
r19	-1.4832
r20	-1.4158
r21	-1.3484
r22	-1.281
r23	-1.2136
r24	-1.1461
r25	-1.0787
r26	-1.0113
r27	-0.94388
r28	-0.87646
r29	-0.80904
r30	-0.74162
r31	-0.6742
r32	-0.60678
r33	-0.53936
r34	-0.47194
r35	-0.40452
r36	-0.3371
r37	-0.26968
r38	-0.20226
r39	-0.13484
r40	-0.06742
r41	2.2204e-16
r42	0.06742
r43	0.13484
r44	0.20226
r45	0.26968
r46	0.3371
r47	0.40452
r48	0.47194
r49	0.53936
r50	0.60678
r356	-0.60678

r357	-0.53936
r358	-0.47194
r359	-0.40452
r360	-0.3371
r361	-0.26968
r362	-0.20226
r363	-0.13484
r364	-0.06742
r365	2.2204e-16
r366	0.06742
r367	0.13484
r368	0.20226
r369	0.26968
r370	0.3371
r371	0.40452
r372	0.47194
r373	0.53936
r374	0.60678
r375	0.6742
r376	0.74162
r377	0.80904
r378	0.87646
r379	0.94388
r380	1.0113
r381	1.0787
r382	1.1461
r383	1.2136
r384	1.281
r385	1.3484
r386	1.4158
r387	1.4832
r388	1.5507
r389	1.6181
r390	1.6855
r391	1.7529
r392	1.8203
r393	1.8878
r394	1.9552
r395	2.0226
r396	2.09
r397	2.1574
r398	2.2249
r399	2.2923
r400	2.3597
r401	2.4271
r402	2.4945
r403	2.562
r404	2.6294
r405	2.6968

xxx TABLE:eta_S_grid xxxxxxxxxxxxxxxxxx

	c1
r1	-3.122
r2	-3.122
r3	-3.122
r4	-3.122
r5	-3.122
r6	-3.122
r7	-3.122
r8	-3.122
r9	-3.122
r10	-3.122
r11	-3.122

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r12     -3.122
r13     -3.122
r14     -3.122
r15     -3.122
r16     -3.122
r17     -3.122
r18     -3.122
r19     -3.122
r20     -3.122
r21     -3.122
r22     -3.122
r23     -3.122
r24     -3.122
r25     -3.122
r26     -3.122
r27     -3.122
r28     -3.122
r29     -3.122
r30     -3.122
r31     -3.122
r32     -3.122
r33     -3.122
r34     -3.122
r35     -3.122
r36     -3.122
r37     -3.122
r38     -3.122
r39     -3.122
r40     -3.122
r41     -3.122
r42     -3.122
r43     -3.122
r44     -3.122
r45     -3.122
r46     -3.122
r47     -3.122
r48     -3.122
r49     -3.122
r50     -3.122
r356     3.122
r357     3.122
r358     3.122
r359     3.122
r360     3.122
r361     3.122
r362     3.122
r363     3.122
r364     3.122
r365     3.122
r366     3.122
r367     3.122
r368     3.122
r369     3.122
r370     3.122
r371     3.122
r372     3.122
r373     3.122
r374     3.122
r375     3.122
r376     3.122
r377     3.122
r378     3.122
r379     3.122
r380     3.122
r381     3.122
```

```
r382      3.122
r383      3.122
r384      3.122
r385      3.122
r386      3.122
r387      3.122
r388      3.122
r389      3.122
r390      3.122
r391      3.122
r392      3.122
r393      3.122
r394      3.122
r395      3.122
r396      3.122
r397      3.122
r398      3.122
r399      3.122
r400      3.122
r401      3.122
r402      3.122
r403      3.122
r404      3.122
r405      3.122
```

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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_exotrans ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coef
	–	___	____	_____	____	____	____	_____	_____	___
cl_mt_pi_jem_kidseta	1	2	2	1	1	1	0	0	0	
pi_H_eta	2	3	2	6561	81	81	81	0.012346	0.040462	3.2
pi_S_eta	3	4	2	25	5	5	5	0.2	0.19957	0.99
pi_eta	4	5	2	1.6403e+05	405	405	405	0.0024691	0.011571	4.6
pi_kids	5	6	5	8300	5	1660	1660	0.2	0.2988	1.
psi	6	7	2	83	83	1	78.16	0.94169	0.1312	0.13

xxx TABLE:cl_mt_pi_jem_kidseta xxxxxxxxxxxxxxxxxxx
```
        c1
        __

r1    0
```

xxx TABLE:pi_H_eta xxxxxxxxxxxxxxxxxxx

	c1	c2	c3	c79	c80	c81
r1	0.44008	0.19741	0.16603	0	0	0
r2	0.26004	0.18401	0.1972	0	0	0
r3	0.12804	0.13527	0.18471	0	0	0
r4	0.051745	0.078413	0.13644	0	0	0
r5	0.016976	0.035843	0.079479	0	0	0
r6	0.0044863	0.012918	0.036507	0	0	0
r7	0.00094957	0.0036704	0.013221	0	0	0
r8	0.00016032	0.00082204	0.0037748	0	0	0
r9	2.1522e-05	0.0001451	0.00084955	0	0	0
r10	2.2921e-06	2.0182e-05	0.00015069	0	0	0
r11	1.933e-07	2.2115e-06	2.1061e-05	0	0	0
r12	1.2891e-08	1.9089e-07	2.3192e-06	0	0	0
r13	6.7901e-10	1.2976e-08	2.0116e-07	0	0	0
r14	2.8225e-11	6.9453e-10	1.3741e-08	0	0	0
r15	9.2521e-13	2.9264e-11	7.3906e-10	0	0	0
r16	2.3901e-14	9.7051e-13	3.1293e-11	0	0	0

r17	4.8636e-16	2.5328e-14	1.0429e-12	0	0	0
r18	7.7924e-18	5.2007e-16	2.735e-14	0	0	0
r19	9.8265e-20	8.4004e-18	5.6434e-16	0	0	0
r20	9.7502e-22	1.0672e-19	9.1603e-18	0	0	0
r21	7.6101e-24	1.0662e-21	1.1695e-19	0	0	0
r22	4.6713e-26	8.3759e-24	1.1741e-21	0	0	0
r23	2.2546e-28	5.1729e-26	9.269e-24	0	0	0
r24	8.5548e-31	2.5114e-28	5.7527e-26	0	0	0
r25	2.5514e-33	9.583e-31	2.8066e-28	0	0	0
r26	5.9805e-36	2.8738e-33	1.0762e-30	0	0	0
r27	1.1016e-38	6.7725e-36	3.2434e-33	0	0	0
r28	1.5943e-41	1.2541e-38	7.6811e-36	0	0	0
r29	1.8129e-44	1.8245e-41	1.4293e-38	0	0	0
r30	1.6194e-47	2.0853e-44	2.0897e-41	0	0	0
r31	1.1364e-50	1.8723e-47	2.4002e-44	0	0	0
r32	6.2635e-54	1.3205e-50	2.1657e-47	0	0	0
r33	2.7115e-57	7.3149e-54	1.535e-50	0	0	0
r34	9.2192e-61	3.1826e-57	8.5451e-54	0	0	0
r35	2.4617e-64	1.0875e-60	3.7362e-57	0	0	0
r36	5.1617e-68	2.9183e-64	1.283e-60	0	0	0
r37	8.4992e-72	6.1497e-68	3.4599e-64	0	0	0
r38	1.0989e-75	1.0176e-71	7.327e-68	0	0	0
r39	1.1156e-79	1.3223e-75	1.2185e-71	0	0	0
r40	8.8927e-84	1.3491e-79	1.5911e-75	0	0	0
r41	5.5655e-88	1.0807e-83	1.6313e-79	0	0	0
r42	2.7347e-92	6.7971e-88	1.3133e-83	0	0	0
r43	1.055e-96	3.3564e-92	8.3007e-88	0	0	0
r44	3.1951e-101	1.3012e-96	4.1192e-92	0	0	0
r45	7.5967e-106	3.9605e-101	1.6049e-96	0	0	0
r46	1.418e-110	9.4631e-106	4.9088e-101	0	0	0
r47	2.0777e-115	1.7751e-110	1.1787e-105	0	0	0
r48	2.3898e-120	2.6138e-115	2.2219e-110	0	0	0
r49	2.1579e-125	3.0215e-120	3.2881e-115	0	0	0
r50	1.5294e-130	2.7417e-125	3.8196e-120	0	0	0
r51	8.5093e-136	1.9529e-130	3.4831e-125	0	0	0
r52	3.7162e-141	1.0919e-135	2.4933e-130	0	0	0
r53	1.2739e-146	4.7921e-141	1.401e-135	0	0	0
r54	3.4277e-152	1.6509e-146	6.179e-141	0	0	0
r55	7.2393e-158	4.4641e-152	2.1392e-146	0	0	0
r56	1.2001e-163	9.4748e-158	5.8132e-152	0	0	0
r57	1.5615e-169	1.5784e-163	1.2399e-157	0	0	0
r58	1.5947e-175	2.064e-169	2.0759e-163	0	0	0
r59	1.2782e-181	2.1183e-175	2.7279e-169	0	0	0
r60	8.0416e-188	1.7064e-181	2.8135e-175	0	0	0
r61	3.9708e-194	1.0788e-187	2.2776e-181	0	0	0
r62	1.5389e-200	5.3534e-194	1.4472e-187	0	0	0
r63	4.6807e-207	2.085e-200	7.2168e-194	5.5511e-16	0	0
r64	1.1174e-213	6.3733e-207	2.8246e-200	2.7311e-14	5.5511e-16	0
r65	2.0936e-220	1.529e-213	8.677e-207	1.0428e-12	2.5424e-14	4.4409e-16
r66	3.0785e-227	2.8789e-220	2.092e-213	3.1293e-11	9.7056e-13	2.387e-14
r67	3.5527e-234	4.2543e-227	3.9585e-220	7.3906e-10	2.9264e-11	9.2526e-13
r68	3.2178e-241	4.934e-234	5.8786e-227	1.3741e-08	6.9453e-10	2.8225e-11
r69	2.2873e-248	4.491e-241	6.8517e-234	2.0116e-07	1.2976e-08	6.7901e-10
r70	1.276e-255	3.2082e-248	6.2674e-241	2.3192e-06	1.9089e-07	1.2891e-08
r71	5.5866e-263	1.7986e-255	4.4993e-248	2.1061e-05	2.2115e-06	1.933e-07
r72	1.9196e-270	7.9137e-263	2.535e-255	0.00015069	2.0182e-05	2.2921e-06
r73	5.1762e-278	2.7326e-270	1.1209e-262	0.00084955	0.0001451	2.1522e-05
r74	1.0954e-285	7.4052e-278	3.8897e-270	0.0037748	0.00082204	0.00016032
r75	1.8193e-293	1.5749e-285	1.0593e-277	0.013221	0.0036704	0.00094957
r76	2.3712e-301	2.6286e-293	2.264e-285	0.036507	0.012918	0.0044863
r77	2.4254e-309	3.443e-301	3.7975e-293	0.079479	0.035843	0.016976
r78	1.9469e-317	3.5392e-309	4.9987e-301	0.13644	0.078413	0.051745
r79	0	2.8551e-317	5.1639e-309	0.18471	0.13527	0.12804
r80	0	0	4.1864e-317	0.1972	0.18401	0.26004
r81	0	0	0	0.16603	0.19741	0.44008

xxx TABLE:pi_S_eta xxxxxxxxxxxxxxxxxx

	c1	c2	c3	c4	c5
r1	0.012224	0.2144	0.54675	0.2144	0.012224
r2	0.012224	0.2144	0.54675	0.2144	0.012224
r3	0.012224	0.2144	0.54675	0.2144	0.012224
r4	0.012224	0.2144	0.54675	0.2144	0.012224
r5	0.012224	0.2144	0.54675	0.2144	0.012224

xxx TABLE:pi_eta xxxxxxxxxxxxxxxxxx

	c1	c2	c3	c403	c404	c405
r1	0.0053798	0.0024132	0.0020297	0	0	0
r2	0.0031788	0.0022495	0.0024107	0	0	0
r3	0.0015653	0.0016536	0.002258	0	0	0
r4	0.00063256	0.00095856	0.0016679	0	0	0
r5	0.00020753	0.00043816	0.00097159	0	0	0
r6	5.4842e-05	0.00015792	0.00044628	0	0	0
r7	1.1608e-05	4.4868e-05	0.00016162	0	0	0
r8	1.9598e-06	1.0049e-05	4.6145e-05	0	0	0
r9	2.6309e-07	1.7738e-06	1.0385e-05	0	0	0
r10	2.8019e-08	2.4671e-07	1.8421e-06	0	0	0
r11	2.363e-09	2.7035e-08	2.5746e-07	0	0	0
r12	1.5758e-10	2.3335e-09	2.835e-08	0	0	0
r13	8.3005e-12	1.5863e-10	2.459e-09	0	0	0
r14	3.4504e-13	8.4903e-12	1.6797e-10	0	0	0
r15	1.131e-14	3.5774e-13	9.0346e-12	0	0	0
r16	2.9218e-16	1.1864e-14	3.8254e-13	0	0	0
r17	5.9455e-18	3.0962e-16	1.2749e-14	0	0	0
r18	9.5258e-20	6.3575e-18	3.3434e-16	0	0	0
r19	1.2012e-21	1.0269e-19	6.8987e-18	0	0	0
r20	1.1919e-23	1.3046e-21	1.1198e-19	0	0	0
r21	9.303e-26	1.3034e-23	1.4296e-21	0	0	0
r22	5.7105e-28	1.0239e-25	1.4353e-23	0	0	0
r23	2.7561e-30	6.3237e-28	1.1331e-25	0	0	0
r24	1.0458e-32	3.07e-30	7.0324e-28	0	0	0
r25	3.119e-35	1.1715e-32	3.4309e-30	0	0	0
r26	7.3108e-38	3.5131e-35	1.3156e-32	0	0	0
r27	1.3466e-40	8.279e-38	3.9649e-35	0	0	0
r28	1.949e-43	1.533e-40	9.3897e-38	0	0	0
r29	2.2162e-46	2.2303e-43	1.7473e-40	0	0	0
r30	1.9797e-49	2.5492e-46	2.5546e-43	0	0	0
r31	1.3892e-52	2.2888e-49	2.9342e-46	0	0	0
r32	7.6568e-56	1.6142e-52	2.6475e-49	0	0	0
r33	3.3147e-59	8.9421e-56	1.8764e-52	0	0	0
r34	1.127e-62	3.8906e-59	1.0446e-55	0	0	0
r35	3.0092e-66	1.3294e-62	4.5673e-59	0	0	0
r36	6.3099e-70	3.5674e-66	1.5684e-62	0	0	0
r37	1.039e-73	7.5177e-70	4.2295e-66	0	0	0
r38	1.3433e-77	1.244e-73	8.9569e-70	0	0	0
r39	1.3638e-81	1.6164e-77	1.4895e-73	0	0	0
r40	1.0871e-85	1.6492e-81	1.945e-77	0	0	0
r41	6.8035e-90	1.3211e-85	1.9942e-81	0	0	0
r42	3.343e-94	8.3091e-90	1.6054e-85	0	0	0
r43	1.2896e-98	4.1031e-94	1.0147e-89	0	0	0
r44	3.9058e-103	1.5907e-98	5.0355e-94	0	0	0
r45	9.2866e-108	4.8414e-103	1.9619e-98	0	0	0
r46	1.7334e-112	1.1568e-107	6.0007e-103	0	0	0
r47	2.5399e-117	2.1699e-112	1.4409e-107	0	0	0
r48	2.9214e-122	3.1953e-117	2.7162e-112	0	0	0
r49	2.6379e-127	3.6936e-122	4.0195e-117	0	0	0
r50	1.8697e-132	3.3516e-127	4.6693e-122	0	0	0

r356	7.6568e-56	1.6142e-52	2.6475e-49	0	0	0
r357	3.3147e-59	8.9421e-56	1.8764e-52	0	0	0
r358	1.127e-62	3.8906e-59	1.0446e-55	0	0	0
r359	3.0092e-66	1.3294e-62	4.5673e-59	0	0	0
r360	6.3099e-70	3.5674e-66	1.5684e-62	0	0	0
r361	1.039e-73	7.5177e-70	4.2295e-66	0	0	0
r362	1.3433e-77	1.244e-73	8.9569e-70	0	0	0
r363	1.3638e-81	1.6164e-77	1.4895e-73	0	0	0
r364	1.0871e-85	1.6492e-81	1.945e-77	0	0	0
r365	6.8035e-90	1.3211e-85	1.9942e-81	0	0	0
r366	3.343e-94	8.3091e-90	1.6054e-85	0	0	0
r367	1.2896e-98	4.1031e-94	1.0147e-89	0	0	0
r368	3.9058e-103	1.5907e-98	5.0355e-94	0	0	0
r369	9.2866e-108	4.8414e-103	1.9619e-98	0	0	0
r370	1.7334e-112	1.1568e-107	6.0007e-103	0	0	0
r371	2.5399e-117	2.1699e-112	1.4409e-107	0	0	0
r372	2.9214e-122	3.1953e-117	2.7162e-112	0	0	0
r373	2.6379e-127	3.6936e-122	4.0195e-117	0	0	0
r374	1.8697e-132	3.3516e-127	4.6693e-122	0	0	0
r375	1.0402e-137	2.3873e-132	4.2579e-127	0	0	0
r376	4.5428e-143	1.3348e-137	3.0479e-132	0	0	0
r377	1.5573e-148	5.8581e-143	1.7126e-137	0	0	0
r378	4.1902e-154	2.0181e-148	7.5536e-143	0	0	0
r379	8.8497e-160	5.4571e-154	2.6151e-148	0	0	0
r380	1.467e-165	1.1582e-159	7.1063e-154	0	0	0
r381	1.9088e-171	1.9296e-165	1.5158e-159	0	0	0
r382	1.9494e-177	2.5231e-171	2.5377e-165	0	0	0
r383	1.5626e-183	2.5895e-177	3.3347e-171	0	0	0
r384	9.8305e-190	2.0859e-183	3.4394e-177	0	0	0
r385	4.8541e-196	1.3188e-189	2.7843e-183	0	0	0
r386	1.8812e-202	6.5443e-196	1.7691e-189	0	0	0
r387	5.7219e-209	2.5488e-202	8.8221e-196	6.7859e-18	0	0
r388	1.366e-215	7.791e-209	3.453e-202	3.3387e-16	6.7859e-18	0
r389	2.5593e-222	1.8691e-215	1.0607e-208	1.2748e-14	3.108e-16	5.4288e-18
r390	3.7633e-229	3.5193e-222	2.5573e-215	3.8254e-13	1.1865e-14	2.918e-16
r391	4.343e-236	5.2006e-229	4.839e-222	9.0346e-12	3.5774e-13	1.1311e-14
r392	3.9336e-243	6.0316e-236	7.1863e-229	1.6797e-10	8.4903e-12	3.4504e-13
r393	2.7961e-250	5.49e-243	8.3758e-236	2.459e-09	1.5863e-10	8.3005e-12
r394	1.5599e-257	3.9218e-250	7.6616e-243	2.835e-08	2.3335e-09	1.5758e-10
r395	6.8293e-265	2.1987e-257	5.5002e-250	2.5746e-07	2.7035e-08	2.363e-09
r396	2.3466e-272	9.674e-265	3.0989e-257	1.8421e-06	2.4671e-07	2.8019e-08
r397	6.3276e-280	3.3405e-272	1.3702e-264	1.0385e-05	1.7738e-06	2.6309e-07
r398	1.3391e-287	9.0525e-280	4.7549e-272	4.6145e-05	1.0049e-05	1.9598e-06
r399	2.224e-295	1.9252e-287	1.2949e-279	0.00016162	4.4868e-05	1.1608e-05
r400	2.8987e-303	3.2133e-295	2.7676e-287	0.00044628	0.00015792	5.4842e-05
r401	2.9649e-311	4.2089e-303	4.6422e-295	0.00097159	0.00043816	0.00020753
r402	2.38e-319	4.3265e-311	6.1107e-303	0.0016679	0.00095856	0.00063256
r403	0	3.4902e-319	6.3126e-311	0.002258	0.0016536	0.0015653
r404	0	0	5.1176e-319	0.0024107	0.0022495	0.0031788
r405	0	0	0	0.0020297	0.0024132	0.0053798

xxx TABLE:pi_kids xxxxxxxxxxxxxxxxxx

	c1	c2	c3	c1658	c1659	c1660
r1	0.88581	0.11137	0.0027904	0	0	0
r2	0.051118	0.65943	0.28506	0	0	0
r3	0.0012655	0.05332	0.78763	0	0	0
r4	1.808e-05	0.00080512	0.069952	0	0	0
r5	1.8185e-07	8.1047e-06	0.00075722	0	0	0

xxx TABLE:psi xxxxxxxxxxxxxxxxxx

	c1
	_____

r1	0.99937
r2	0.99933
r3	0.99929
r4	0.99925
r5	0.99923
r6	0.99923
r7	0.99924
r8	0.99927
r9	0.99928
r10	0.99929
r11	0.99927
r12	0.99924
r13	0.9992
r14	0.99915
r15	0.99909
r16	0.99901
r17	0.99892
r18	0.99882
r19	0.99872
r20	0.9986
r21	0.99848
r22	0.99834
r23	0.9982
r24	0.99806
r25	0.99791
r26	0.99775
r27	0.9976
r28	0.99742
r29	0.99725
r30	0.99706
r31	0.99691
r32	0.99674
r33	0.99657
r34	0.99635
r35	0.99607
r36	0.99574
r37	0.99533
r38	0.99487
r39	0.99436
r40	0.9938
r41	0.99319
r42	0.99253
r43	0.9918
r44	0.99097
r45	0.99005
r46	0.98902
r47	0.98787
r48	0.98659
r49	0.98519
r50	0.98372
r51	0.98217
r52	0.98052
r53	0.97863
r54	0.97651
r55	0.97431
r56	0.9721
r57	0.96973
r58	0.96693
r59	0.96365
r60	0.96005
r61	0.95611
r62	0.95165
r63	0.9465
r64	0.94063
r65	0.93385

```
r66    0.9261
r67    0.9174
r68    0.90767
r69    0.89701
r70    0.88535
r71    0.87267
r72    0.85894
r73    0.84407
r74    0.82817
r75    0.81104
r76    0.79282
r77    0.77349
r78    0.75398
r79     0.7345
r80    0.71587
r81    0.69772
r82    0.68139
r83        0
```

```
-----------------------------------------
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_exotrans Scalars
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
                         i    idx    value

                         _    ___    _____

   bl_store_shock_trans   1     1      0
```

```
-----------------------------------------
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
CONTAINER NAME: mp_params_typelife ND Array (Matrix etc)
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

	i	idx	ndim	numel	rowN	colN	sum	mean	std	coefvari	min	max
	_	___	____	_____	____	____	_____	_____	_____	_____	___	____
SS	1	1	2	166	83	2	19.331	0.11645	0.13441	1.1542	0	0.292
epsilon	2	2	2	166	83	2	159.11	0.95847	0.89457	0.93333	0	2.26

```
xxx TABLE:SS xxxxxxxxxxxxxxxxxxx
            c1           c2

           _____       _____

    r1         0            0
    r2         0            0
    r3         0            0
    r4         0            0
    r5         0            0
    r6         0            0
    r7         0            0
    r8         0            0
    r9         0            0
    r10        0            0
    r11        0            0
    r12        0            0
    r13        0            0
    r14        0            0
    r15        0            0
    r16        0            0
    r17        0            0
    r18        0            0
    r19        0            0
    r20        0            0
    r21        0            0
    r22        0            0
    r23        0            0
```

```
r24          0          0
r25          0          0
r26          0          0
r27          0          0
r28          0          0
r29          0          0
r30          0          0
r31          0          0
r32          0          0
r33          0          0
r34          0          0
r35          0          0
r36          0          0
r37          0          0
r38          0          0
r39          0          0
r40          0          0
r41          0          0
r42          0          0
r43          0          0
r44          0          0
r45          0          0
r46          0          0
r47          0          0
r48    0.24433    0.29263
r49    0.24433    0.29263
r50    0.24433    0.29263
r51    0.24433    0.29263
r52    0.24433    0.29263
r53    0.24433    0.29263
r54    0.24433    0.29263
r55    0.24433    0.29263
r56    0.24433    0.29263
r57    0.24433    0.29263
r58    0.24433    0.29263
r59    0.24433    0.29263
r60    0.24433    0.29263
r61    0.24433    0.29263
r62    0.24433    0.29263
r63    0.24433    0.29263
r64    0.24433    0.29263
r65    0.2443...
```

Parameters Used for Paper Simulations

Full version of parameters used in Nygaard, Sorensen and Wang (2020). This is not printed to save space.

```
% mp_params = snw_mp_param('default_moredense_a65zh266zs5_e2m2', true, 100, 6);
```