

sub-pt xl bad args 1-5
 args 1-4: stress reactions
 arg 5: use to identify case

vrca args (sum of impacts: 0.5 0.5 0.5 0.5)
 increments: sub incr-stress.bat
 ALL =

incr-stress.bat pass 4 args eg 0.9 1 9 1
 all: %3 ALL -0.9 ALL 0 0.1 0 1
 %300 p1 %4 -p1 %500 -p1

run-pt1-impacts.bat

10% impact costs

- | Method | file |
|---|--|
| 1 vrca def's but 10% centered ^{incr's} | sheet for 10% incr, interwd-centered
incr-impacts-1918-2010-sum-pt1.xls ^{vrca} |
| 2 combine NE, MD | N - NEMD.xls |
| 3 CO, NE proposal | N - NOMD.xls |
| 0 vrca of sample $\Delta h=1$ | run-1-to-pt1-impacts.txt |
| CO, NE $\Delta h=1$ | call incr-stress-v5 1 0 1 0 |

11/15/2014 - 2:00 PM

vrca	coll	incr	stress	%1	%2	
				0	1	0
base	1	1	1	1	-	12p
vnt	0	0	0	0		12p0
co off	0	1	1	1		12p1
KS off	1	0	1	0		12p2
NE off	1	1	0	1		12p3
MD off	1	1	1	0		12p4

run-1-to-pt0-md-off-impacts

coll	incr	stress	vs	1	0	1	0
				1	0	1	0

m3	coll	sub-ptxx	1	1	1	0	1	all

d	base:	1	1	1	0		
z	pmp off:	0	0	0	0		
cd/d	co off	0	1	1	0		
bd/d	KS off	1	0	1	0		
cd/d	NE off	1	1	0	0		
base	MD off	1	1	1	1		

m2	base	1	1	1	1
	off off	0	0	0	0
	co off	0	1	1	1
	KS off	1	0	1	1
	NE, MD off	1	1	0	0

run pts centered impacts

call incr_stress 0.5 1 5 5

call sub_ptxx 0.5 0.5 0.5 0.5 5ALL

sub_ptxx

vrpp^{stress} v4 (4*0.5) > vrpp 12p-pt 5ALL.sfi

2001-2010-pt 5ALL.sfi

2001-pt 5ALL.shead

call incr_stress 0.5 1 1 1 5CO-pt 5 + 12p-pt 5CO-pt 5.sfi

1 0.5 1 1 5KS-pt 5

1 1.5 1 5NE-pt 5

1 1 1.5 5MD-pt 5

run 1 to pto impacts.txt : for h=1

call incr_stress ~~0 1 0 1 0~~
~~1 0 1 0~~

sub_ptxx 0 0 0 0 0 ALL

0 1 1 1 0 CO

run pto to 1 impacts : incr_stress_v3 0 1 0 1

call sub_ptxx 0 0 0 0 0 ALL

→ 12p-pt 0 ALL

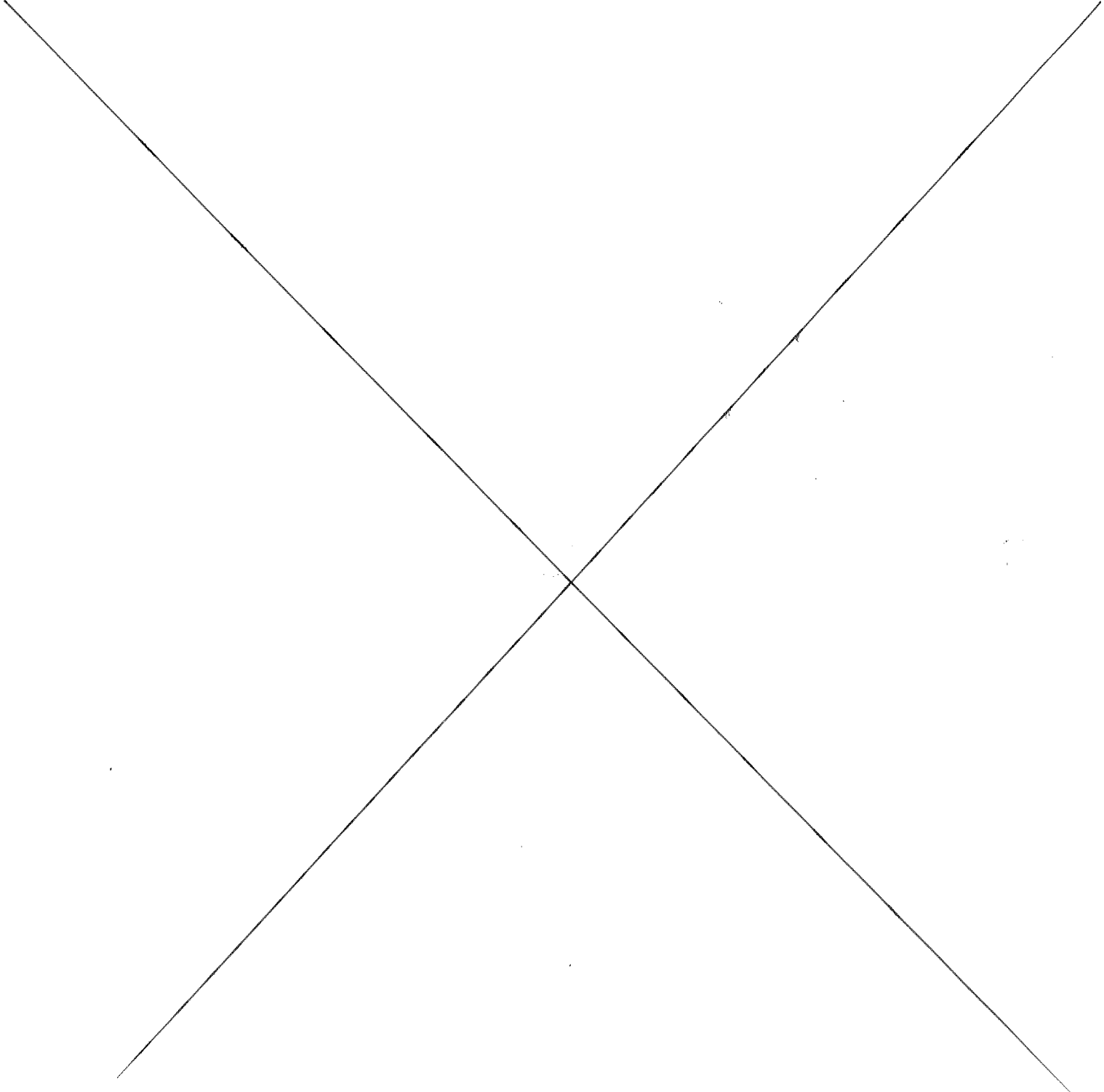
0 1 0 0 0 0-1CO

→ 12p-pt 0-1CO

impacts :

updated sub_ptxx.bot

rrca test: run_1 to_pt0_^{impacts}~~rrca~~_test.bat
cell sub_ptxy_rrca



• L:\spp\rrca_incr

↳ bat

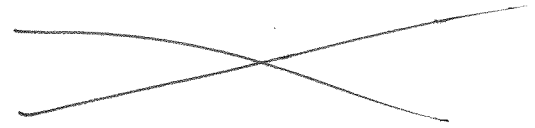
↳ 20005

↳ bat

↳ bin\rrc\sem

↳ acct_base

acctmotz



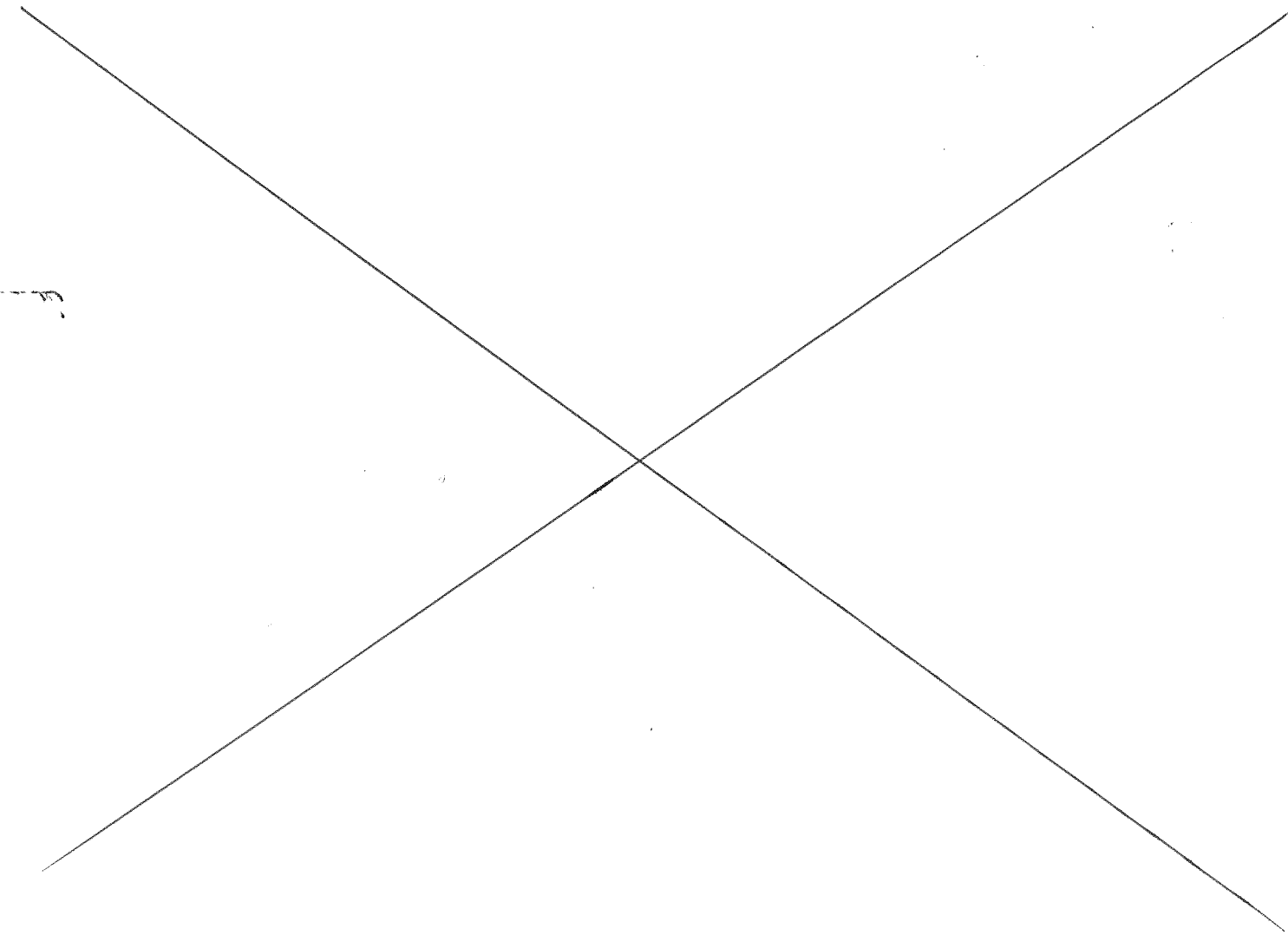
next: →

go thru sub-ptxx.bat

copy template param files to L:\spp\rrca_incr\

4

should be sw?



colling args: %1 %2 %3 %4
 call incr_stress_v4 1 0.9 1 9

sub's args: %1 %2 %3 %4 %5
 call sub_ptxx 1 1 1 0 IALL_NOMD_pt1

sub_ptxx:
~~call~~ vrpptestv4 STRESS 1 1 1 0 >vrpp12p-pt1 IALL_NOMD_pt1

args
 incr_stress_v4 sub_ptxx out out
 1 0.9 1 9 1 1 1 0 IALL_NOMD_pt1 12p-pt1 %5

RRCR incr 0.1 decreasing

combine
NEMD

impacts (desc.): 12p-incr-impacts-sum-pt1-par

N-NEMD

asc.: 12p-impacts-sum-pt0-to-1-pt1-par

N-NEMD

combine-NEMD:

.NEMD: look at 12p4-incr-impacts-sum-pt1-NEMD.par (desc.)
12p4-impacts-sum-pt0-to-1-pt1-incr-NEMD.par (asc.)

	CO	KS	NE	MD	
desc.	1	1	1	0	12p4
	0.9	.9	.9	0	12p4-pt9ALL
	0.9	1	1	0	12p4-pt9CO-pt1
	1	0.9	1	0	12p4-pt9KS-pt1
	1	1	0.9	0	12p4-pt9NE-pt1

					sub-ptix	
incr-steps	-v2	0.8	0.9	8	9	0.8 0.9 0.8 8 8 ALL
	-v3	0.9	1.0	9	1	.9 .9 .9 .9 9 ALL
	-v5					1.0 .9 .9 .9 9 1CO-NEMD

$$\Delta Q_i = \frac{\partial Q}{\partial P_i} P_i \quad i = 1, 4$$

$$\Delta Q = \frac{dQ}{dP} P \quad P = \sum P_i$$

$$\Delta Q = \sum_{i=1}^n \frac{\partial Q}{\partial P_i} \Delta P_i, \quad \Delta P = \sum$$

$$\Delta Q = \sum_{i=1}^4 \frac{\partial Q}{\partial P_i} \Delta P_i$$