**Randomization flowchart**

SynAge\_pilot\_beh

**Randmoization flowchart**

**Condition C =1**

A1\_1

20:40

1:20

1:20

A1\_2

20:40

list

Position (in encoding list) of stimuli to use

Recombine the stimuli so that there are ½ stimuli from the first session of encoding and ½ from the second.

Those stimuli position in the stim\_list\_encoding are listed in “list”

**Condition C =2**

B1\_2

B1\_1

Split each group in two parts.

1:20

20:40

20:40

1:20

1:40

1:40

1:40

1:40

A1\_ones\_rows

A2\_ones\_rows

A1\_zeros\_rows

**rows\_rand**

randomization of rows

Stim\_list

List of randomized stimuli

**rows\_ordered**

rows ordered depending

on ITI order

Stim\_list\_ordered

List of randomized stimuli ordered by ITI

Extract the position of stimuli of type 1 (\*\_ones\_rows) and type 0 (\*\_zeros:rows) in both of the sessions of encoding (first half of stimuli and second half)

A2\_zeros\_rows

Stim\_list\_encoding

List of randomized stimuli from encoding

**rows\_ordered**

rows ordered depending

on ITI order

**rows\_rand**

randomization of rows

Stim\_list\_ordered

List of randomized stimuli ordered by ITI

Stim\_list

List of randomized stimuli

Inputfile

inputfile