

SAS syntax Table 1; upper two panels.

```
proc mixed covtest nobound;
class code pair ageclass;
model arrival = age age*age /solution ddfm=kr;
random intercept age age*age year /subject=code(pair);
repeated ageclass /subject=code(pair) type=ar(1);
run;
```

SAS syntax Table 1; lower two panels.

```
proc mixed covtest nobound;
class code ageclass;
model arrival = age age*age  $\alpha$   $\omega$  /solution ddfm=kr;
random intercept age age*age year /subject=code;
repeated ageclass /subject=code type=ar(1);
run;
```

SAS syntax Table 2; upper two panels.

```
proc mixed covtest nobound;
class code ageclass;
model arrival = age age*age  $\alpha$  /solution ddfm=kr;
random intercept age age*age year /subject=code;
repeated ageclass /subject=code type=ar(1);
run;
```

SAS syntax Table 2; upper two panels.

```
proc mixed covtest nobound;
class code ageclass;
model arrival = exp exp*exp  $\alpha$  /solution ddfm=kr;
random intercept exp exp*exp year /subject=code;
repeated ageclass /subject=code type=ar(1);
run;
```

SAS syntax Table 3; left panel.

```
proc mixed covtest nobound;
class code ageclass;
model arrival = exp exp*exp prospect /solution ddfm=kr;
random intercept exp exp*exp year /subject=code;
repeated ageclass /subject=code type=ar(1);
run;
```

SAS syntax Table 3; right panel.

```
proc mixed covtest nobound;
class code maturation ageclass;
model arrival = maturation exp exp*exp /solution ddfm=kr;
random intercept exp exp*exp year /subject=code;
repeated ageclass /subject=code type=ar(1);
run;
```