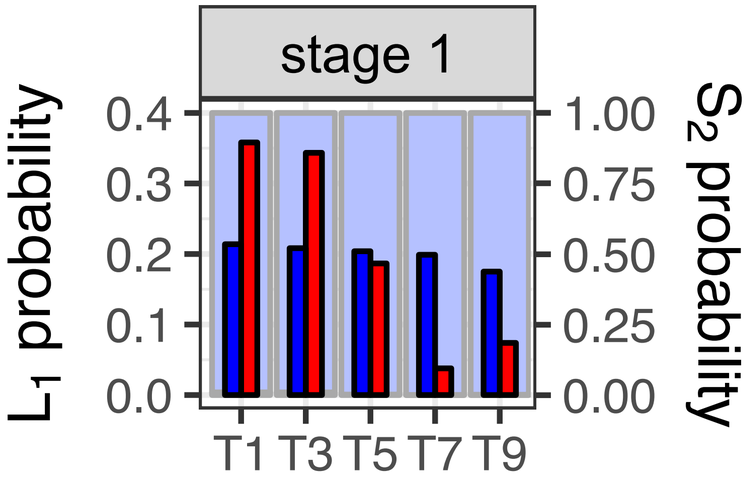
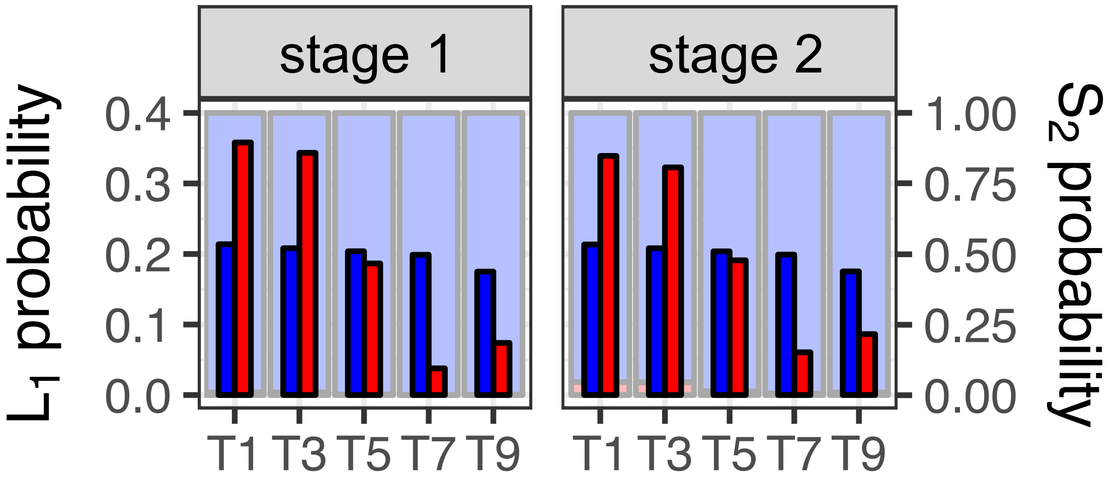
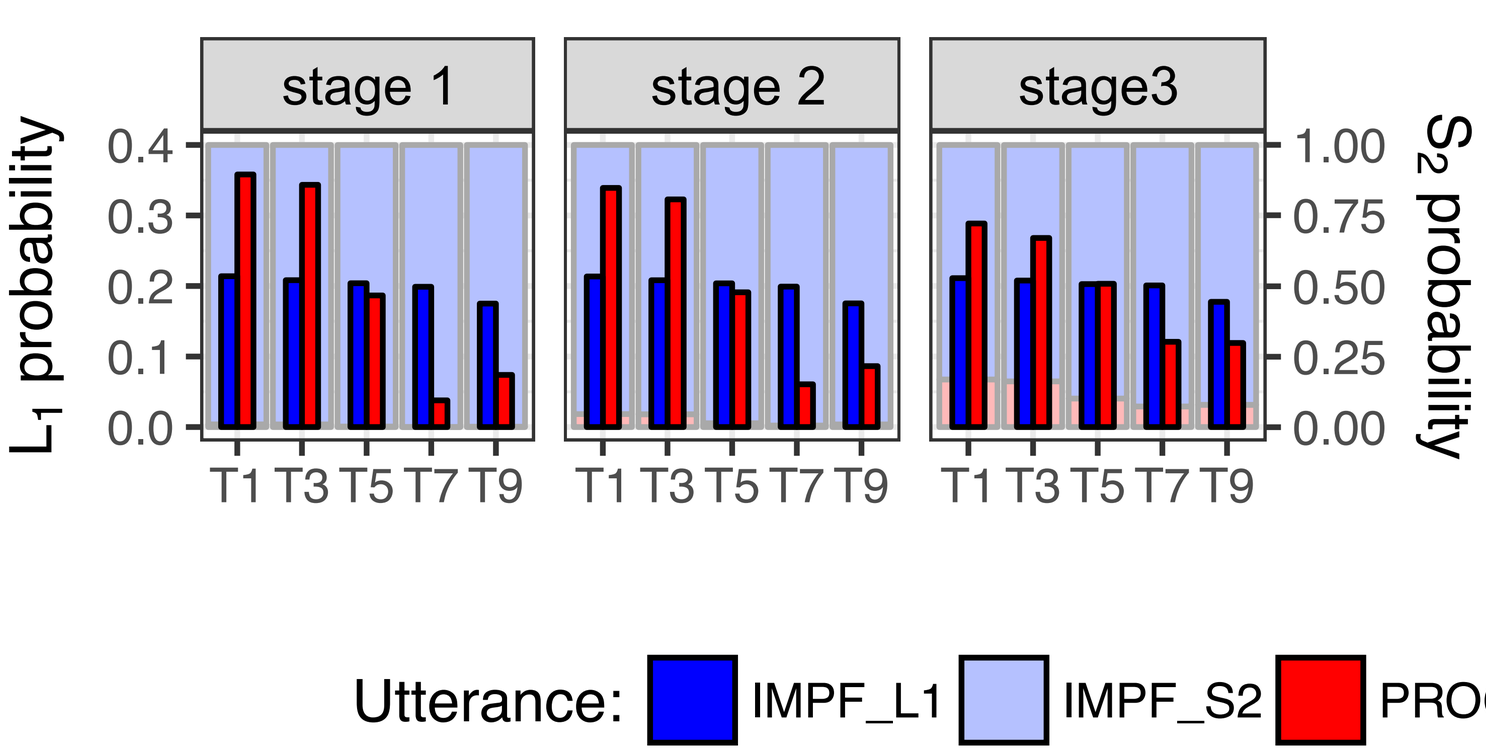



| utterance costs | |
|---|---|
| PROG = 7<br>IMPF = 1 | stage 1 |

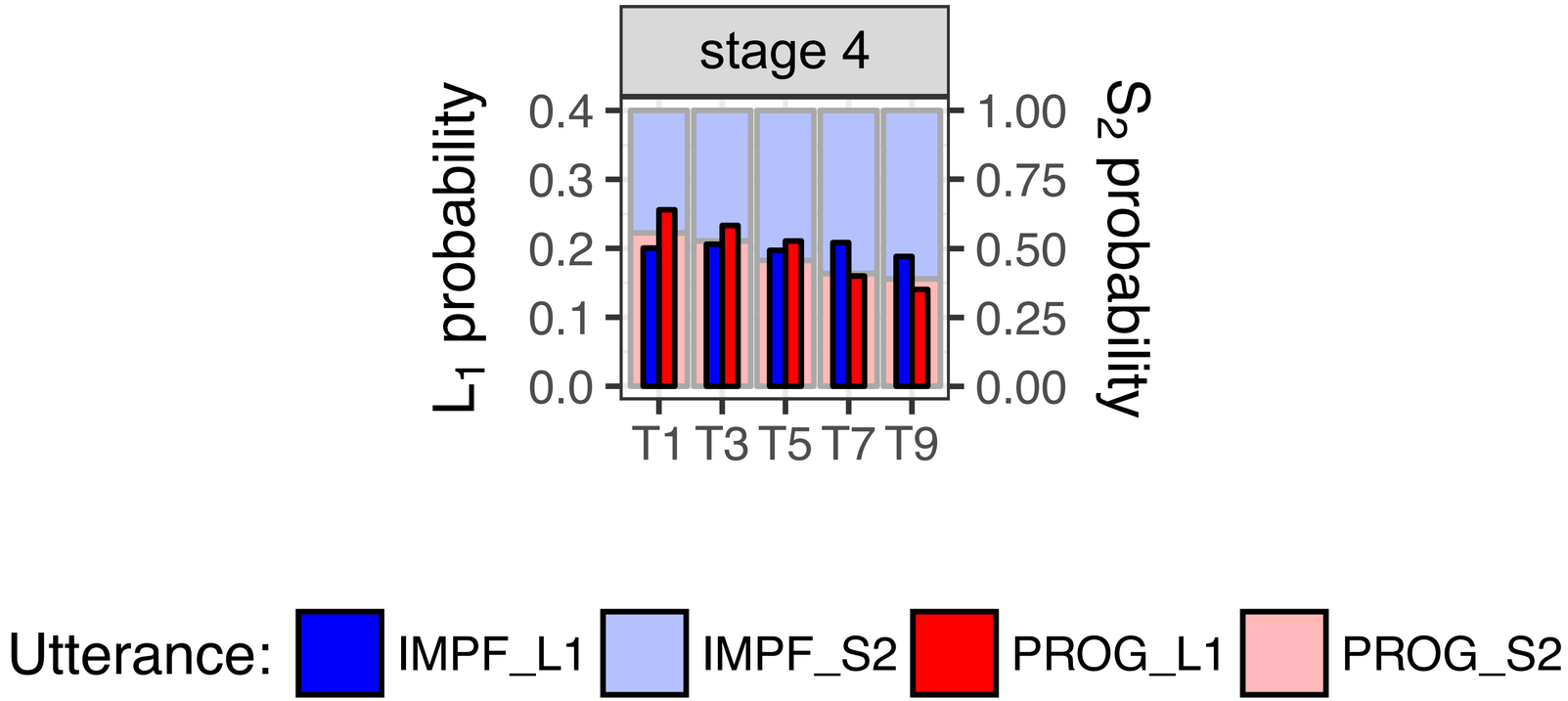
Utterance: IMPF_L1 IMPF_S2 PROG_L1 PROG_S2



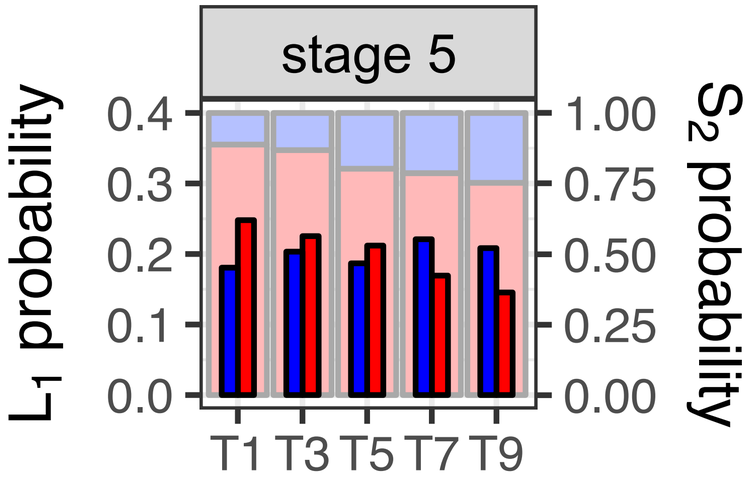

| utterance costs | |
|---|---|
| PROG = 7<br>IMPF = 1 | stage 1 |
| PROG = 5<br>IMPF = 1 | stage 2 |



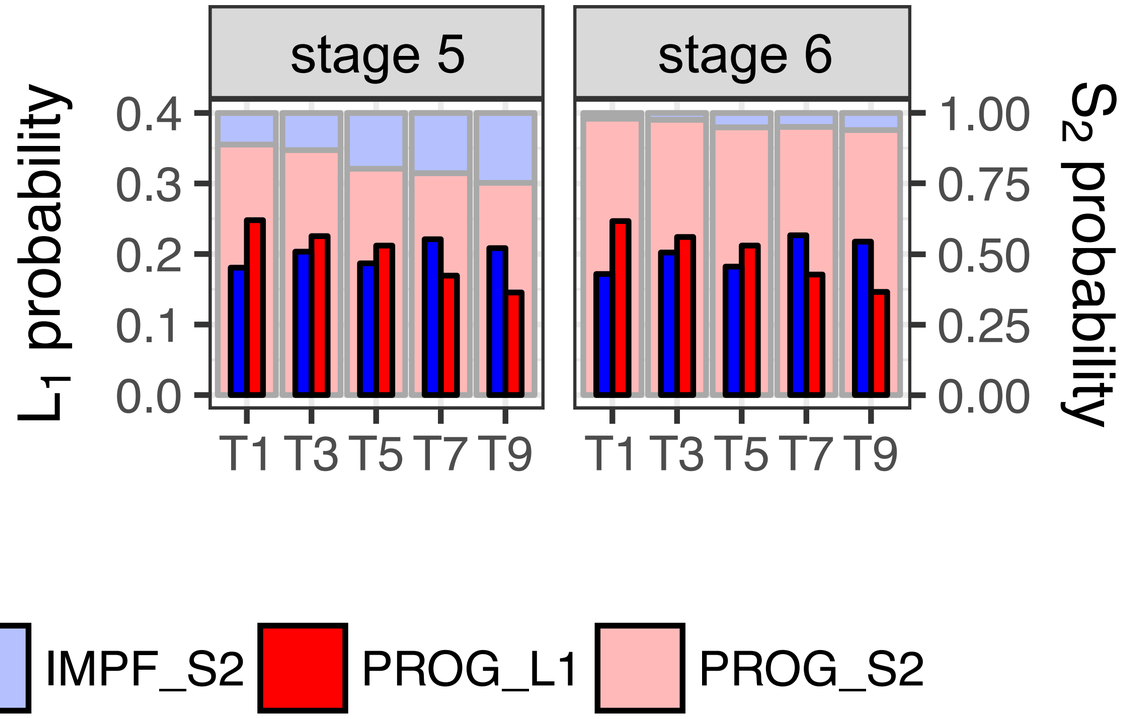

| utterance costs | |
|---|---|
| PROG = 7<br>IMPF = 1 | stage 1 |
| PROG = 5<br>IMPF = 1 | stage 2 |
| PROG = 3<br>IMPF = 1 | stage 3 |


stage 4
$L_1$ probability
$S_2$ probability
0.4
0.3
0.2
0.1
0.0
1.00
0.75
0.50
0.25
0.00
T1 T3 T5 T7 T9
Utterance:
IMPF_L1
IMPF_S2
PROG_L1
PROG_S2

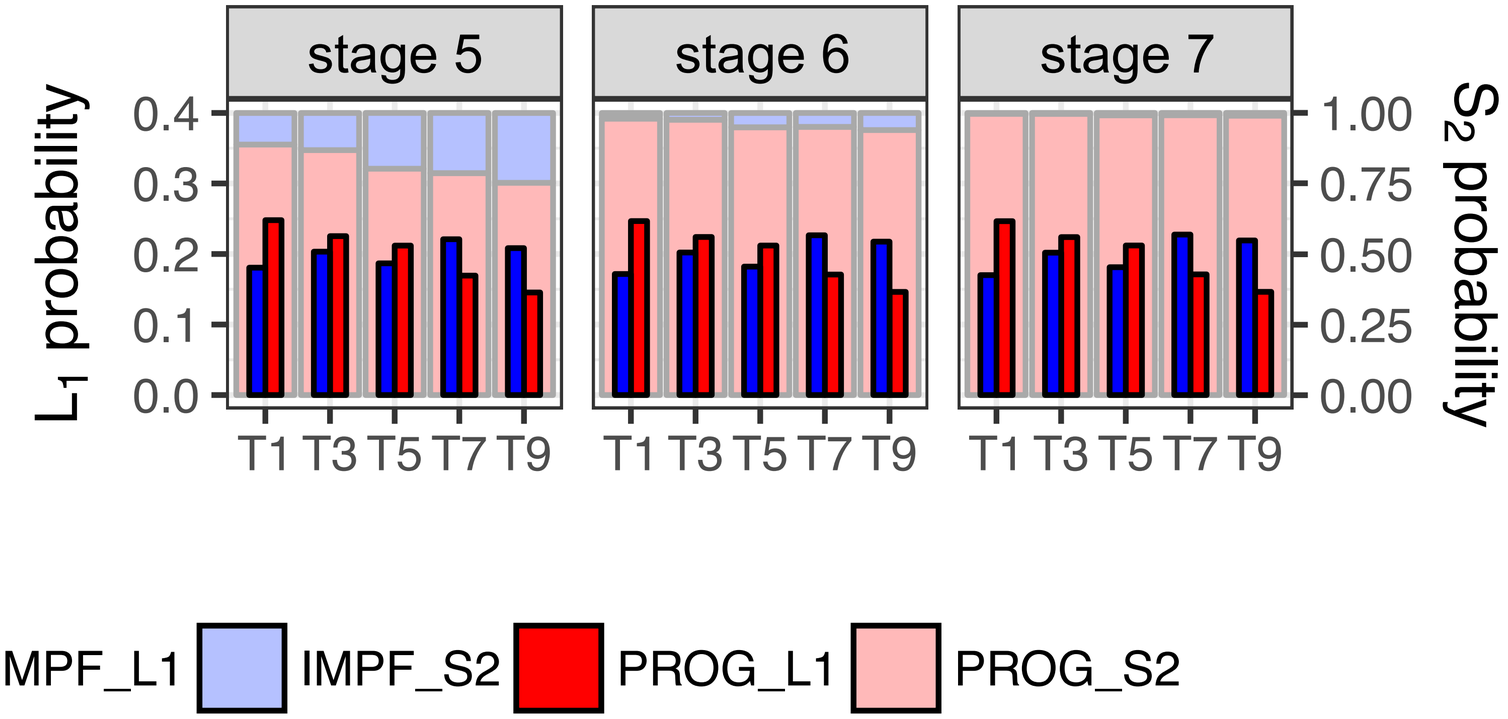
| | utterance costs |
|---|---|
| stage 5 | PROG = 1<br>IMPF = 3 |

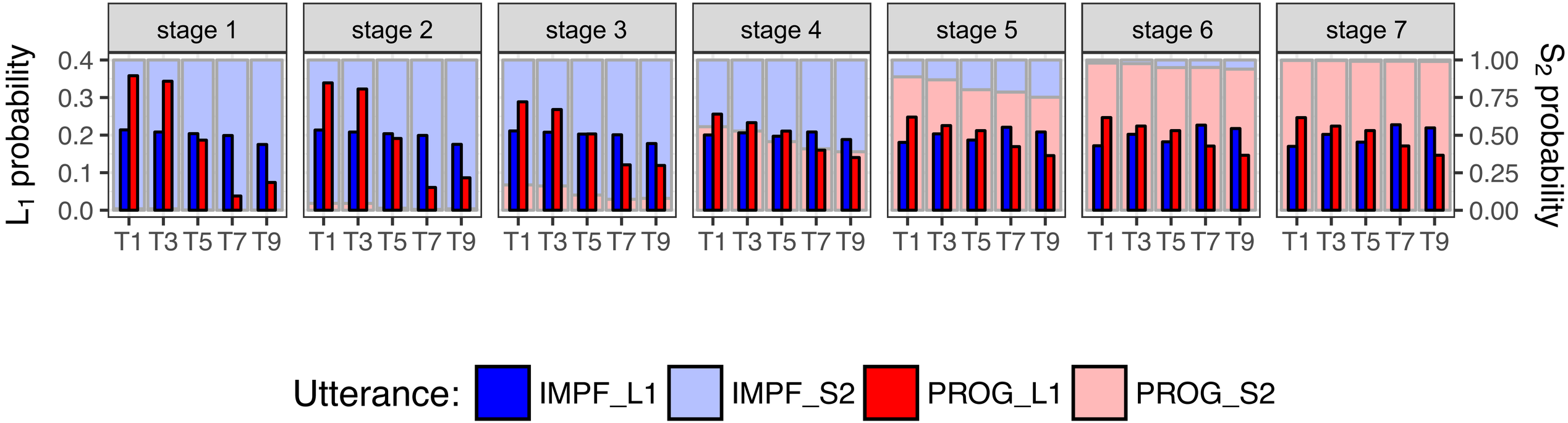


| | utterance costs |
|---|---|
| stage 5 | PROG = 1<br>IMPF = 3 |
| stage 6 | PROG = 1<br>IMPF = 5 |



| | utterance costs |
|---|---|
| stage 5 | PROG = 1<br>IMPF = 3 |
| stage 6 | PROG = 1<br>IMPF = 5 |
| stage 7 | PROG = 1<br>IMPF = 7 |




stage 1
stage 2
stage 3
stage 4
stage 5
stage 6
stage 7
L1 probability
S2 probability
0.0
0.1
0.2
0.3
0.4
0.00
0.25
0.50
0.75
1.00
T1 T3 T5 T7 T9
Utterance:
IMPF_L1
IMPF_S2
PROG_L1
PROG_S2