



$$spct_{i,j} = \begin{cases} 1, & \neg af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & \neg af(a_j, g_i) \wedge gf(g_i) \end{cases} \quad (2)$$

$$spct_{i,j} = \begin{cases} 1, & \neg af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & \neg af(a_i, g_i) \wedge gf(g_i) \end{cases} \quad (4)$$

| plan | 0 | 1 |
|-------------|----------|----------|
| a_0 | (0,0) | (1,0) |
| a_1 | (0,0) | (1,0) |
| a_2 | (0,0) | (1,0) |

end while

| plan | 0 | 1 | 2 |
|-------------|----------|----------|----------|
| a_0 | (0,0) | (1,0) | (2,0) |
| a_1 | (0,0) | (1,0) | (2,0) |
| a_2 | (0,0) | (1,0) | (2,0) |
| a_3 | (0,0) | (1,0) | (2,0) |

Table 2: History photograph percent speakers o german
roughly more german speakers live in However jose ned-
distances i