Hauke - A
clearly broken

Knut - A
forcing accidentals does work, but result is ambiguous

Knut - B
This is unambiguous

Malte - A
Unambiguous again, but I would force a ♯ on beat 2

Malte - B
Looks good. But have a look at the next example

Knut - C
This proves that stacking accidentals is not a reasonable solution

Malte - C
Ok, but nothing we should do automatically