|     | AUC(¡ | os ne           | g) = AU         | JC(1 3)       |     | AUC(pos neg) = AUC(3 1 |                 |                 |               |
|-----|-------|-----------------|-----------------|---------------|-----|------------------------|-----------------|-----------------|---------------|
|     | Υ     | $ \hat{\pi}_1 $ | $ \hat{\pi}_2 $ | $\hat{\pi}_3$ |     | Υ                      | $ \hat{\pi}_1 $ | $ \hat{\pi}_2 $ | $\hat{\pi}_3$ |
| pos | 1     | 0.7             | 0.2             | 0.1           | neg | 1                      | 0.7             | 0.2             | 0.1           |
| pos | 1     | 0.5             | 0.3             | 0.2           | neg | 1                      | 0.5             | 0.3             | 0.2           |
|     | 2     | 0.3             | 0.5             | 0.2           |     | 2                      | 0.3             | 0.5             | 0.2           |
|     | 2     | 0.4             | 0.5             | 0.1           |     | 2                      | 0.4             | 0.5             | 0.1           |
| neg | 3     | 0.6             | 0.1             | 0.3           | pos | 3                      | 0.6             | 0.1             | 0.3           |
| neg | 3     | 0.1             | 0.1             | 0.8           | pos | 3                      | 0.1             | 0.1             | 0.8           |