Model Agreement Analysis: Correctness by Emotion
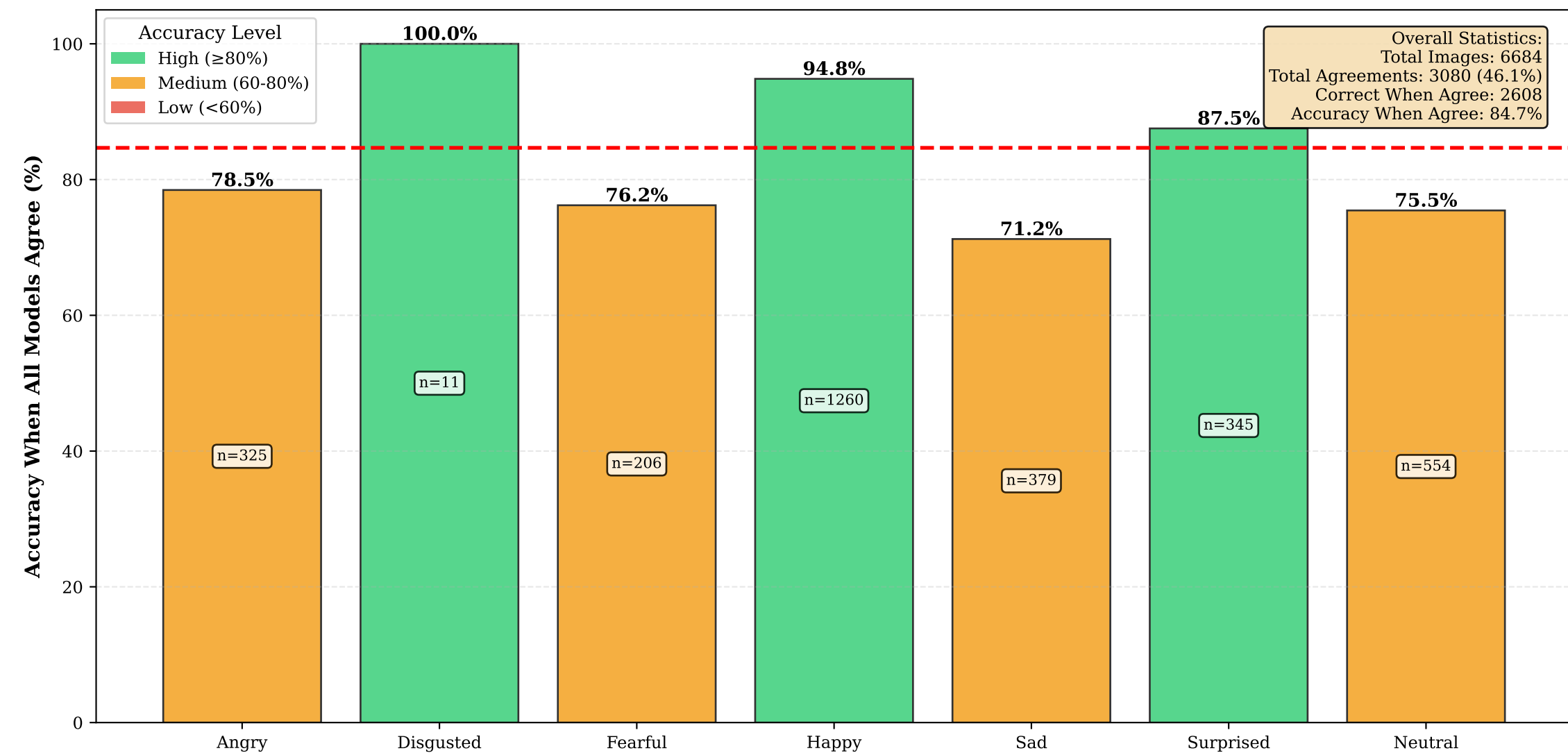**When DeepFace, FER, and Custom-ResNet18 All Agree**

Accuracy When All Models Agree (%)

Accuracy Level
- High (≥80%)
- Medium (60-80%)
- Low (<60%)

Overall Statistics:
Total Images: 6684
Total Agreements: 3080 (46.1%)
Correct When Agree: 2608
Accuracy When Agree: 84.7%

- Angry: 78.5%, n=325
- Disgusted: 100.0%, n=11
- Fearful: 76.2%, n=206
- Happy: 94.8%, n=1260
- Sad: 71.2%, n=379
- Surprised: 87.5%, n=345
- Neutral: 75.5%, n=554

Frequency of Unanimous Model Agreement

Number of Agreements

- Angry: 325
- Disgusted: 11
- Fearful: 206
- Happy: 1260
- Sad: 379
- Surprised: 345
- Neutral: 554

Emotion