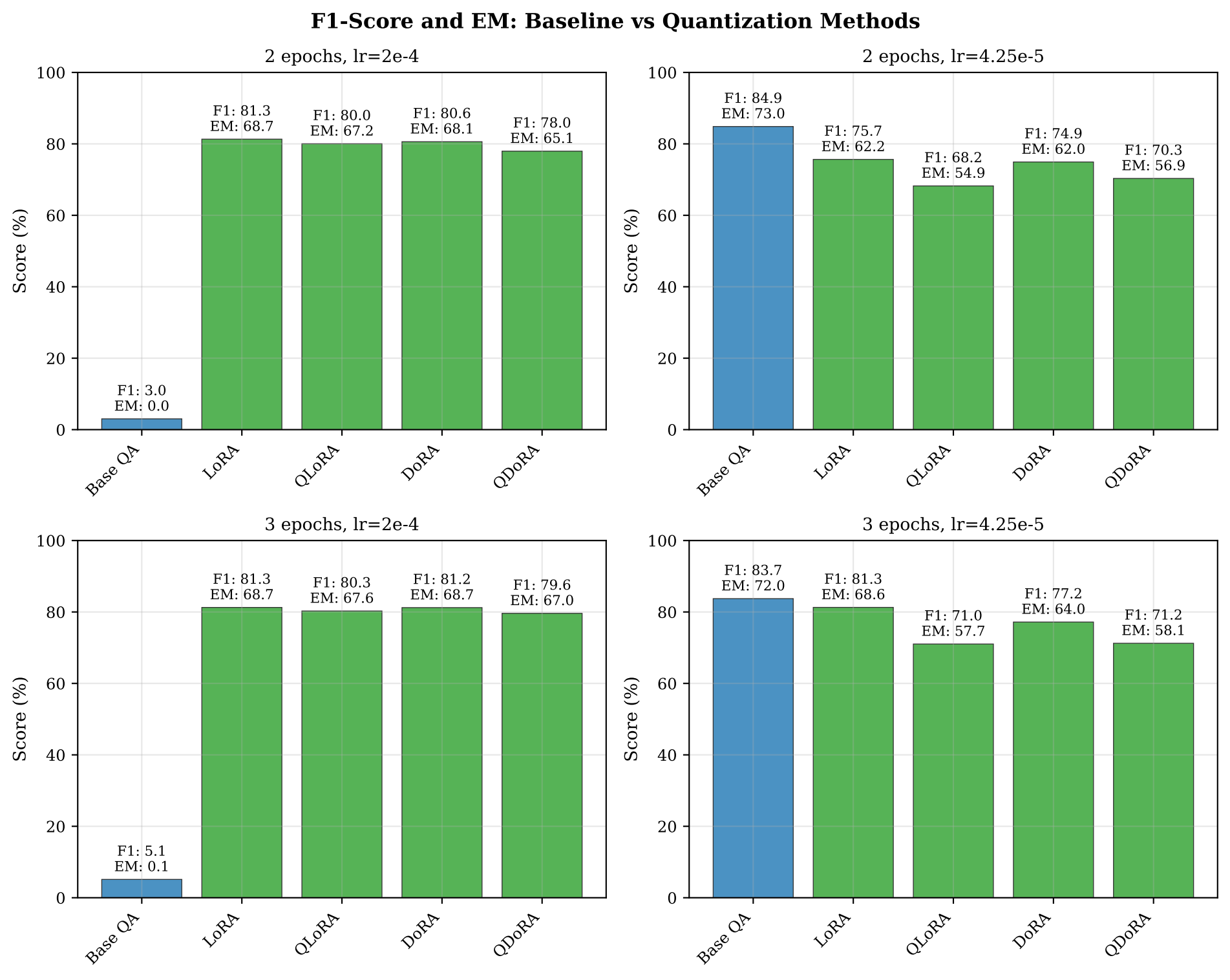
F1-Score and EM: Baseline vs Quantization Methods
2 epochs, lr=2e-4
F1: 3.0
EM: 0.0
F1: 81.3
EM: 68.7
F1: 80.0
EM: 67.2
F1: 80.6
EM: 68.1
F1: 78.0
EM: 65.1
2 epochs, lr=4.25e-5
F1: 84.9
EM: 73.0
F1: 75.7
EM: 62.2
F1: 68.2
EM: 54.9
F1: 74.9
EM: 62.0
F1: 70.3
EM: 56.9
3 epochs, lr=2e-4
F1: 5.1
EM: 0.1
F1: 81.3
EM: 68.7
F1: 80.3
EM: 67.6
F1: 81.2
EM: 68.7
F1: 79.6
EM: 67.0
3 epochs, lr=4.25e-5
F1: 83.7
EM: 72.0
F1: 81.3
EM: 68.6
F1: 71.0
EM: 57.7
F1: 77.2
EM: 64.0
F1: 71.2
EM: 58.1
Score (%)
0
20
40
60
80
100
Base QA
LoRA
QLoRA
DoRA
QDoRA