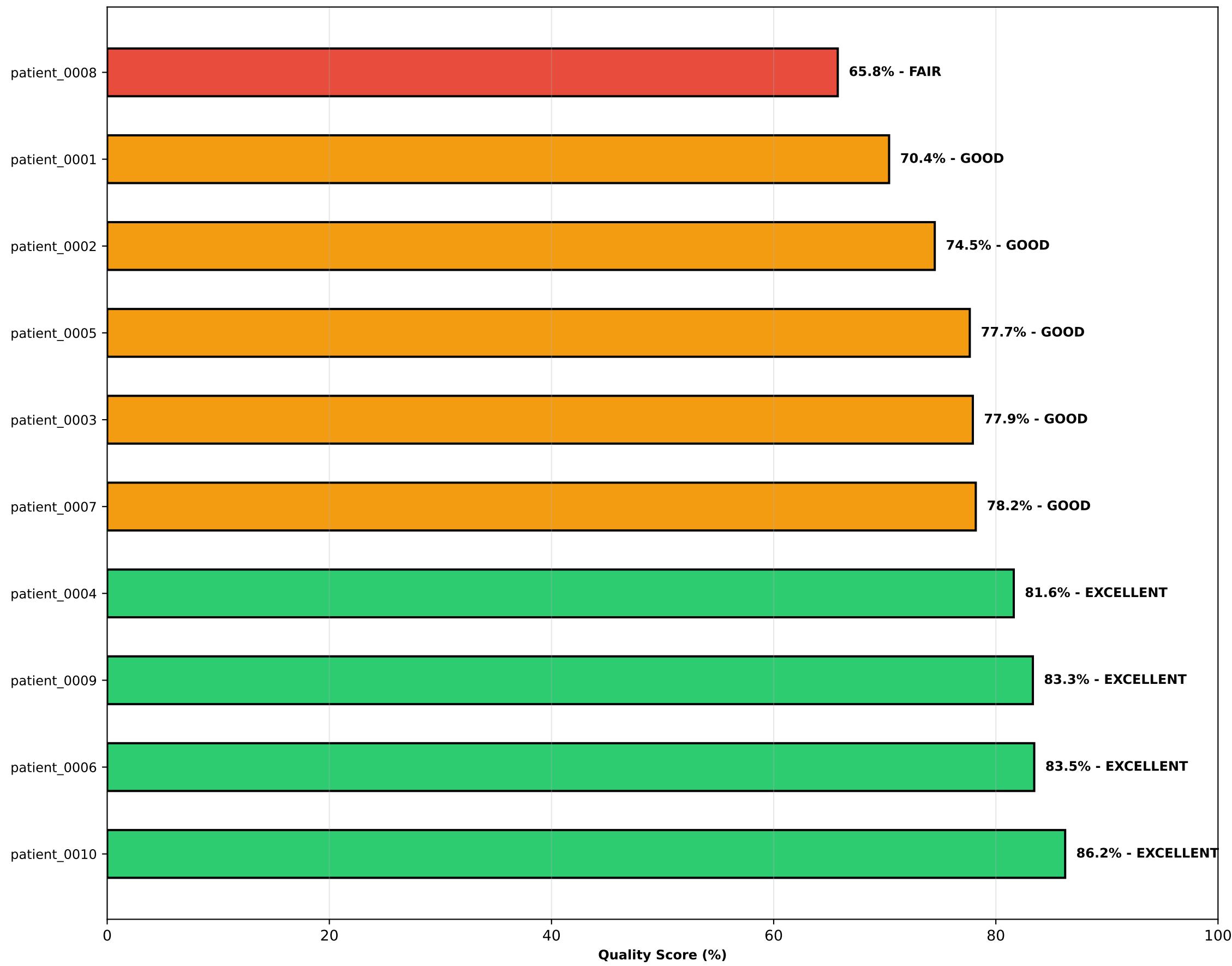
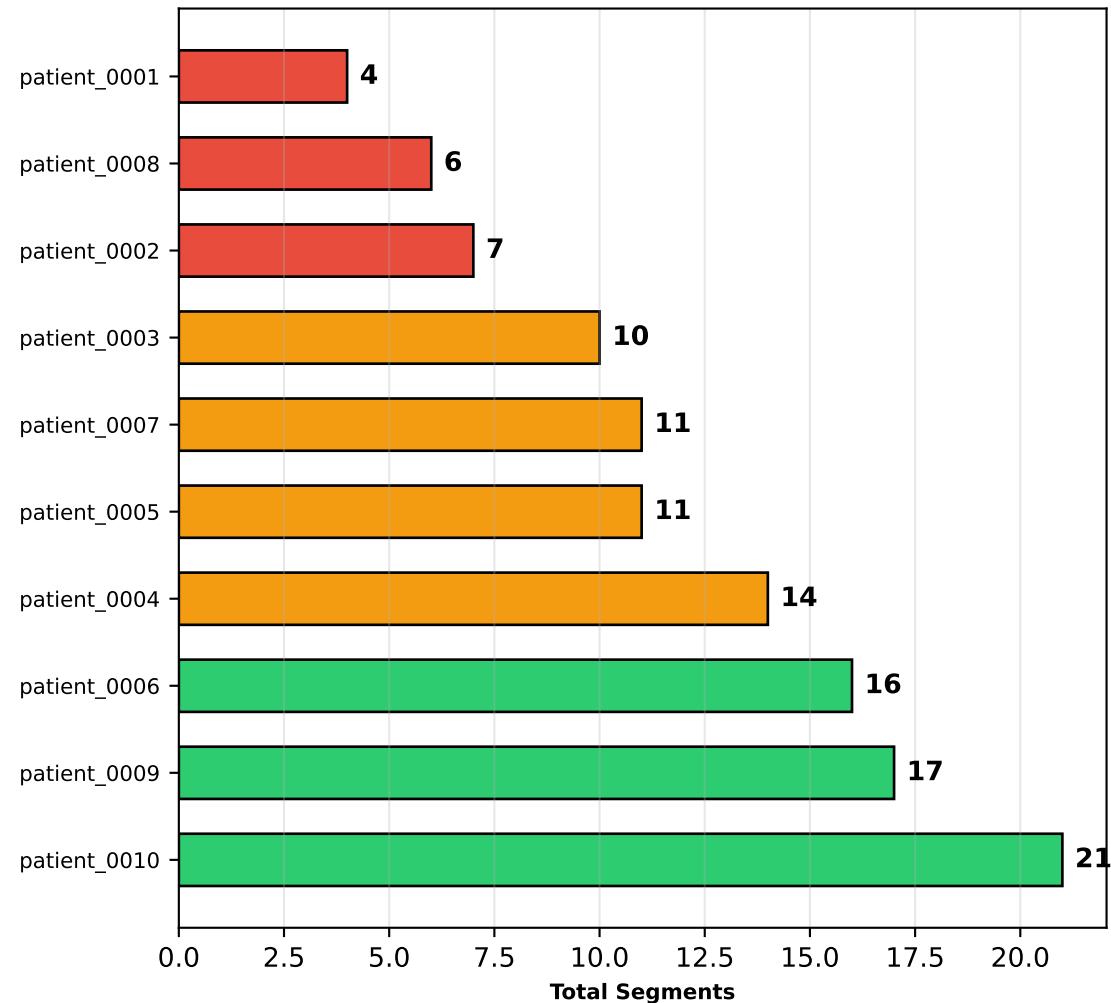


ADT Message Quality Assessment

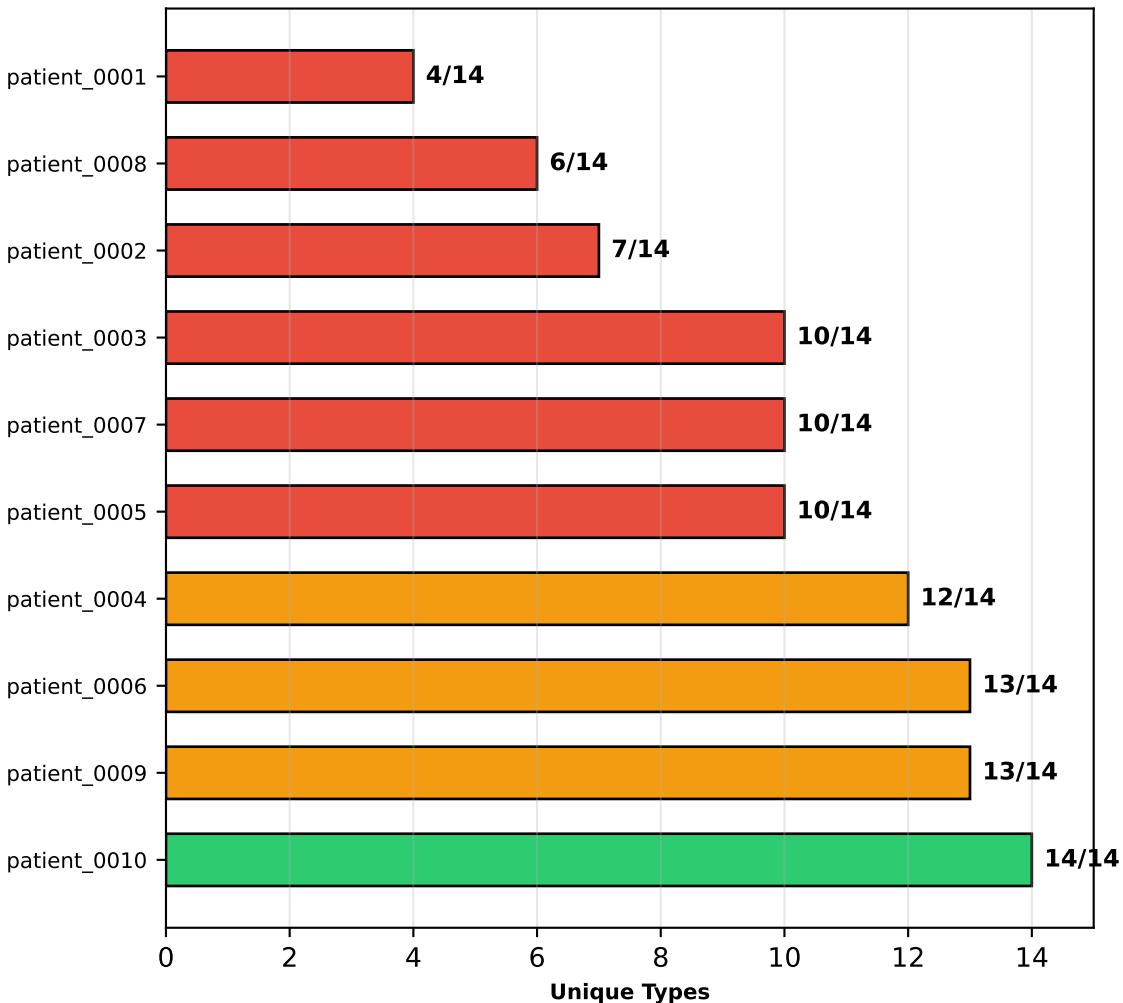


Message Structure Comparison

Message Size



Message Complexity (out of 14)



Quality Analysis & Recommendations

QUALITY SCORE INTERPRETATION

OVERALL SIMILARITY SCORE

Combines: Required segments (40%) + Standard segments (30%)
+ Field completeness (30%)

CURRENT RESULTS

Highest: patient_0010 at 86.2%
Lowest: patient_0008 at 65.8%
Average: 77.9%

QUALITY TIERS

GREEN (EXCELLENT)	80%+	4 message(s)	- Production ready
ORANGE (GOOD)	70-80%	5 message(s)	- Good quality
RED (FAIR)	<70%	1 message(s)	- Needs work

MESSAGE STRUCTURE

Total Segments: 4-21 (more = richer data)
Unique Types: 4-14/14 (14 = complete)

HOW TO IMPROVE

1. Add missing segments (NK1, PV2, DG1, PR1, IN2, ROL)
2. Populate more fields in existing segments
(demographics, clinical notes, vital signs, diagnoses)
3. Include multiple instances for rich data
(multiple OBX for different observations,
multiple DG1 for comorbidities, etc.)
4. Target 14/14 segment types for maximum quality scores