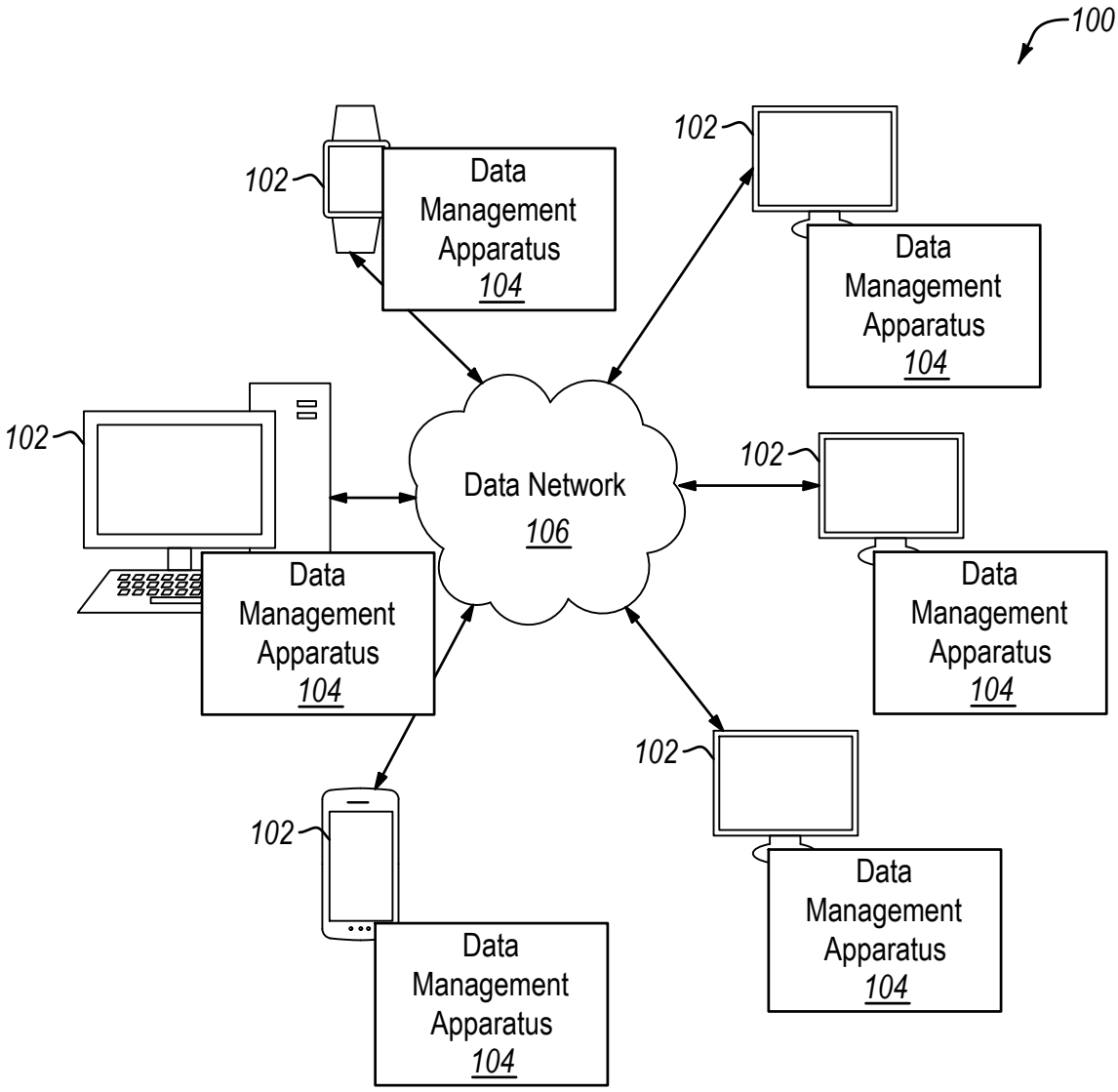

100
102
Data Management Apparatus 104
102
Data Management Apparatus 104
102
Data Network 106
102
Data Management Apparatus 104
102
Data Management Apparatus 104
102
Data Management Apparatus 104
102
Data Management Apparatus 104

FIG. 1

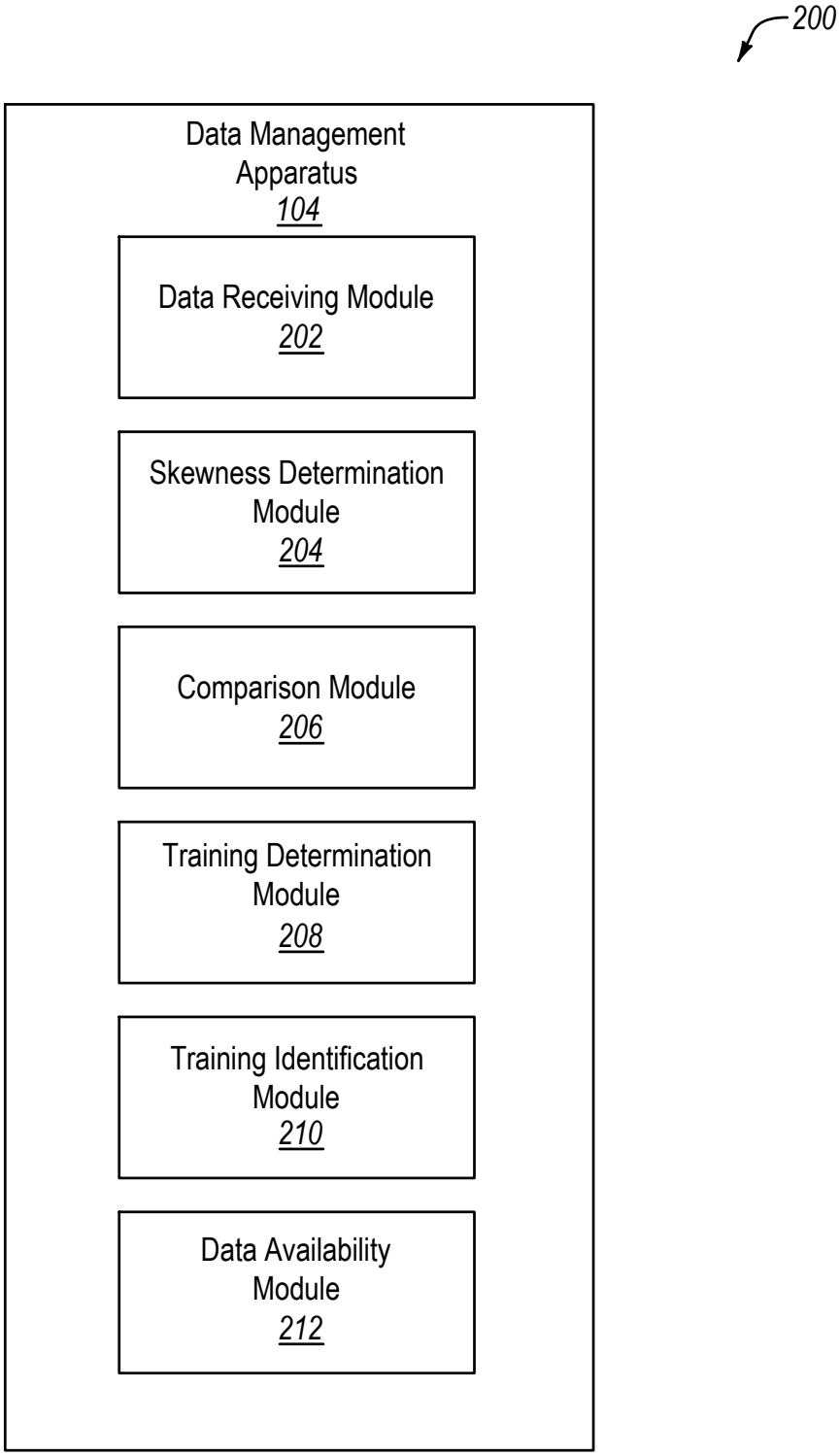

200
Data Management Apparatus
104
Data Receiving Module
202
Skewness Determination Module
204
Comparison Module
206
Training Determination Module
208
Training Identification Module
210
Data Availability Module
212

FIG. 2

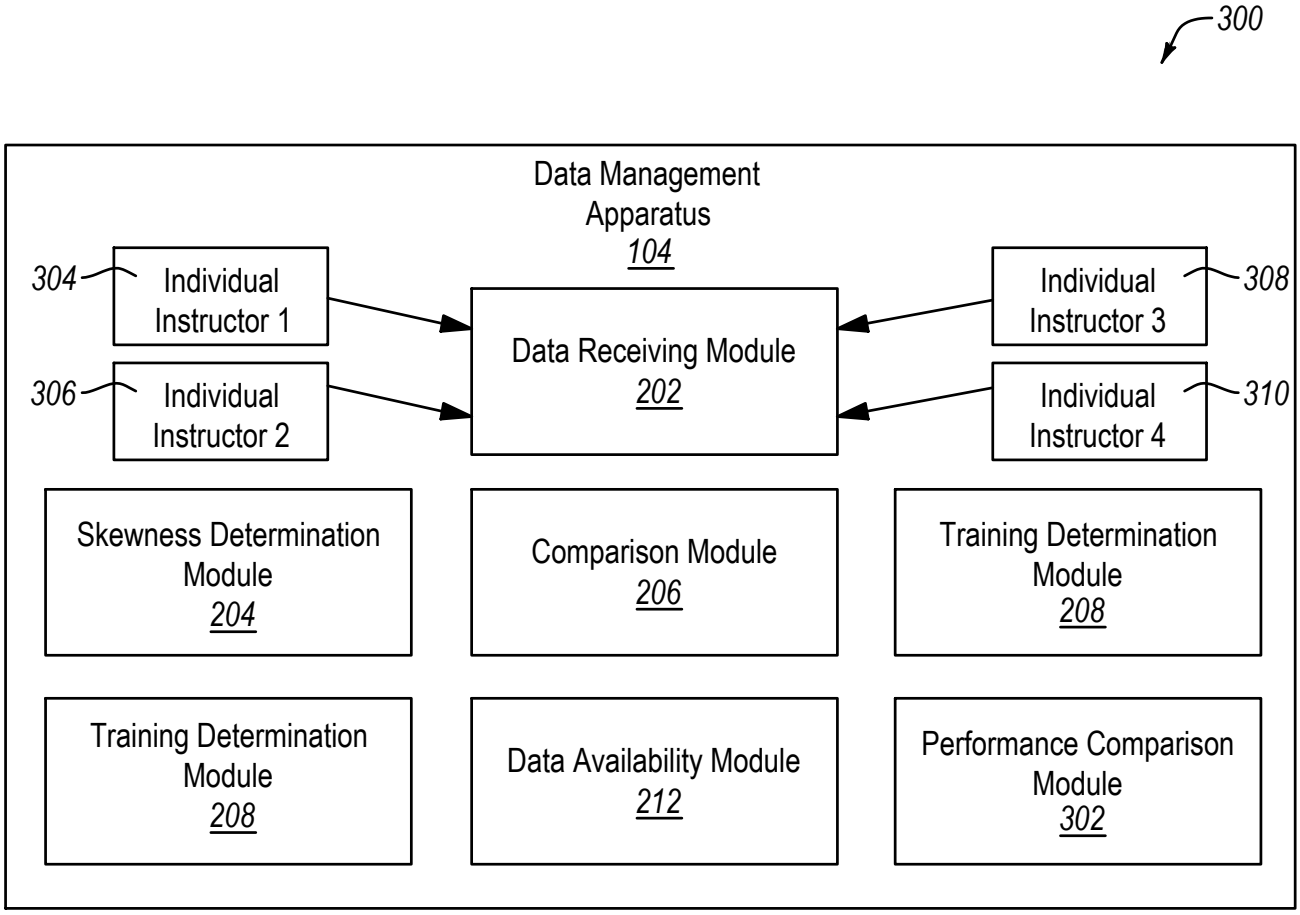

300
Data Management Apparatus
104
304
Individual Instructor 1
306
Individual Instructor 2
Data Receiving Module
202
308
Individual Instructor 3
310
Individual Instructor 4
Skewness Determination Module
204
Comparison Module
206
Training Determination Module
208
Training Determination Module
208
Data Availability Module
212
Performance Comparison Module
302

FIG. 3

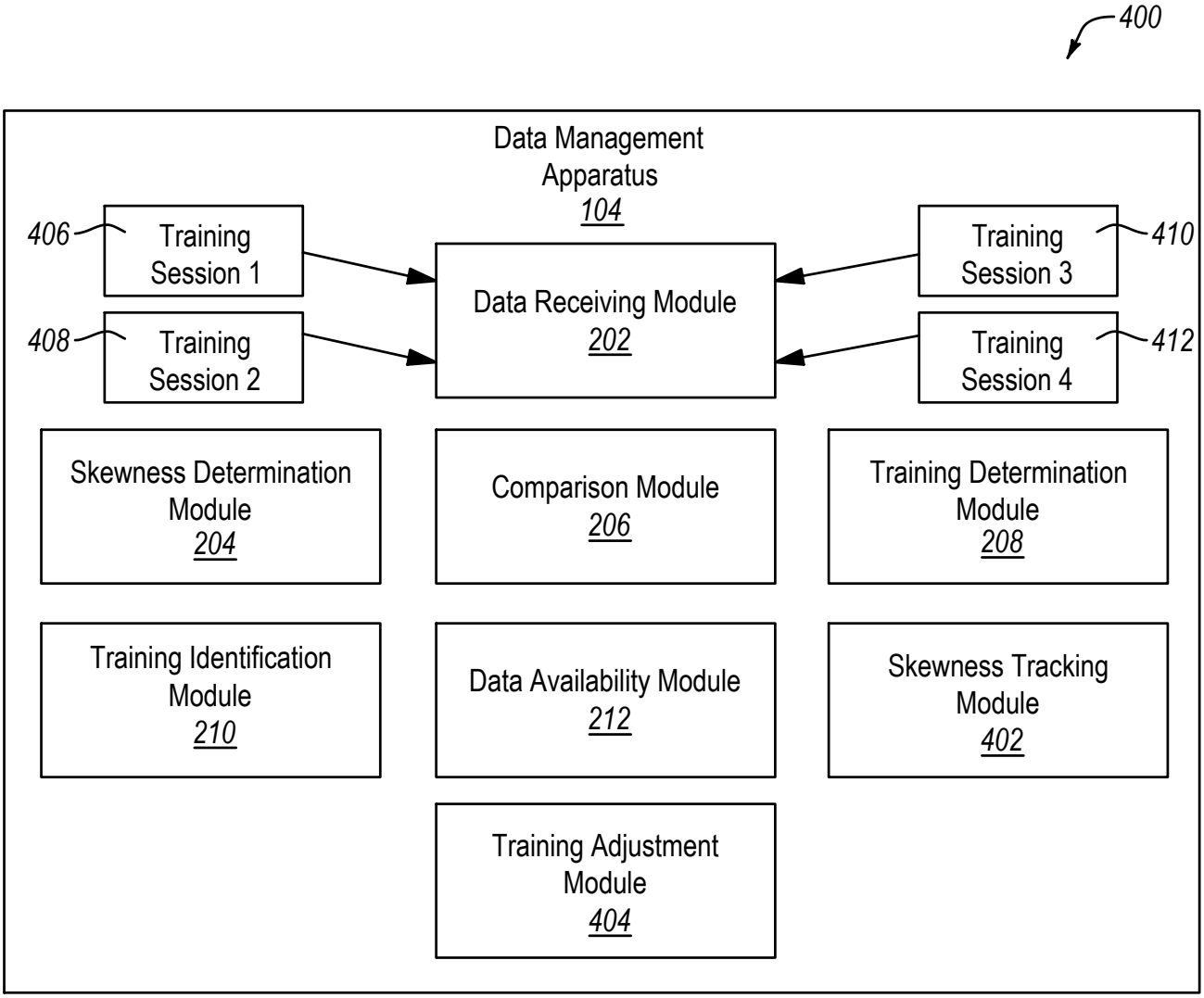

400
Data Management Apparatus
104
406
Training Session 1
408
Training Session 2
Data Receiving Module
202
Training Session 3
410
Training Session 4
412
Skewness Determination Module
204
Comparison Module
206
Training Determination Module
208
Training Identification Module
210
Data Availability Module
212
Skewness Tracking Module
402
Training Adjustment Module
404

FIG. 4

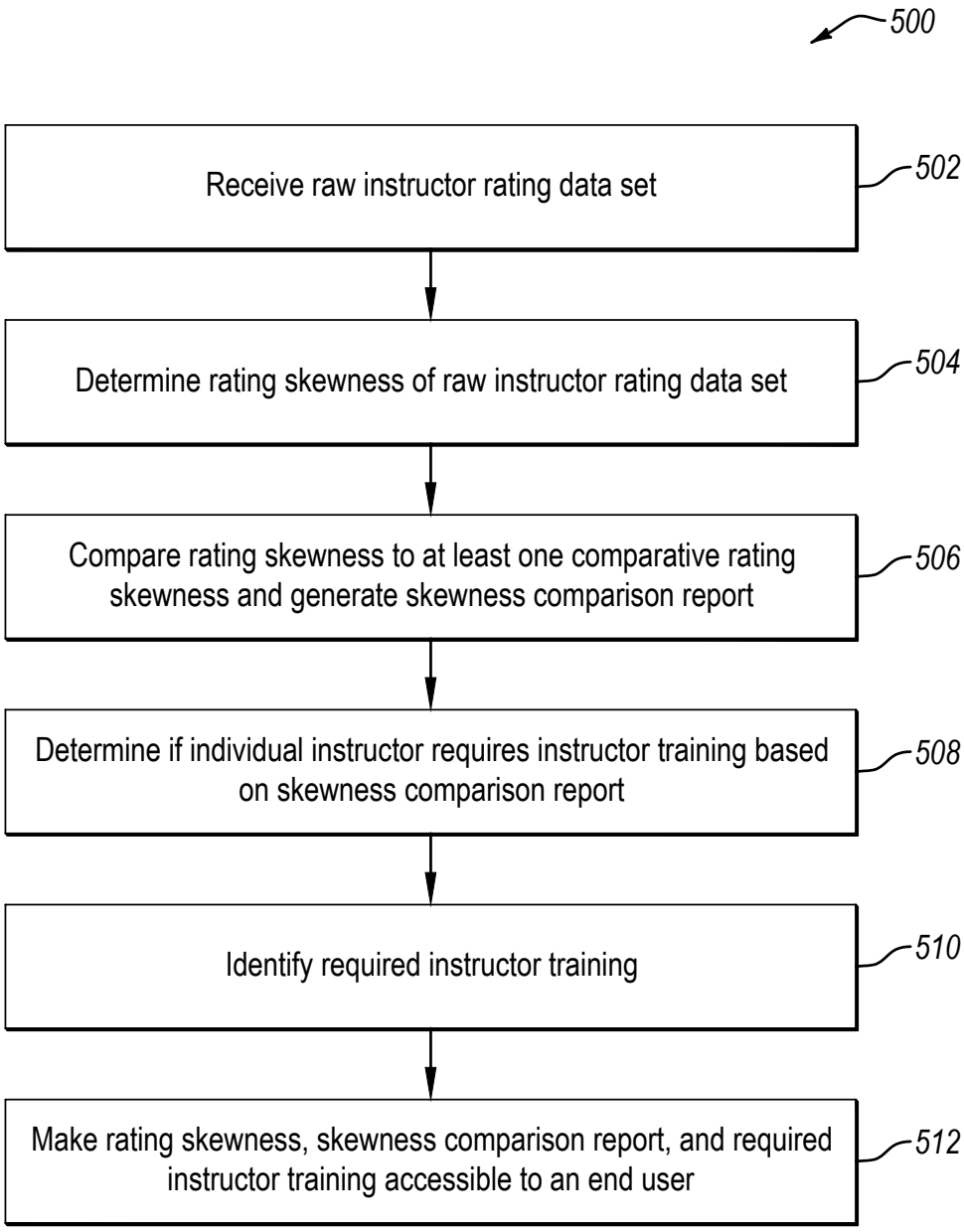

500
Receive raw instructor rating data set
502
Determine rating skewness of raw instructor rating data set
504
Compare rating skewness to at least one comparative rating skewness and generate skewness comparison report
506
Determine if individual instructor requires instructor training based on skewness comparison report
508
Identify required instructor training
510
Make rating skewness, skewness comparison report, and required instructor training accessible to an end user
512

FIG. 5

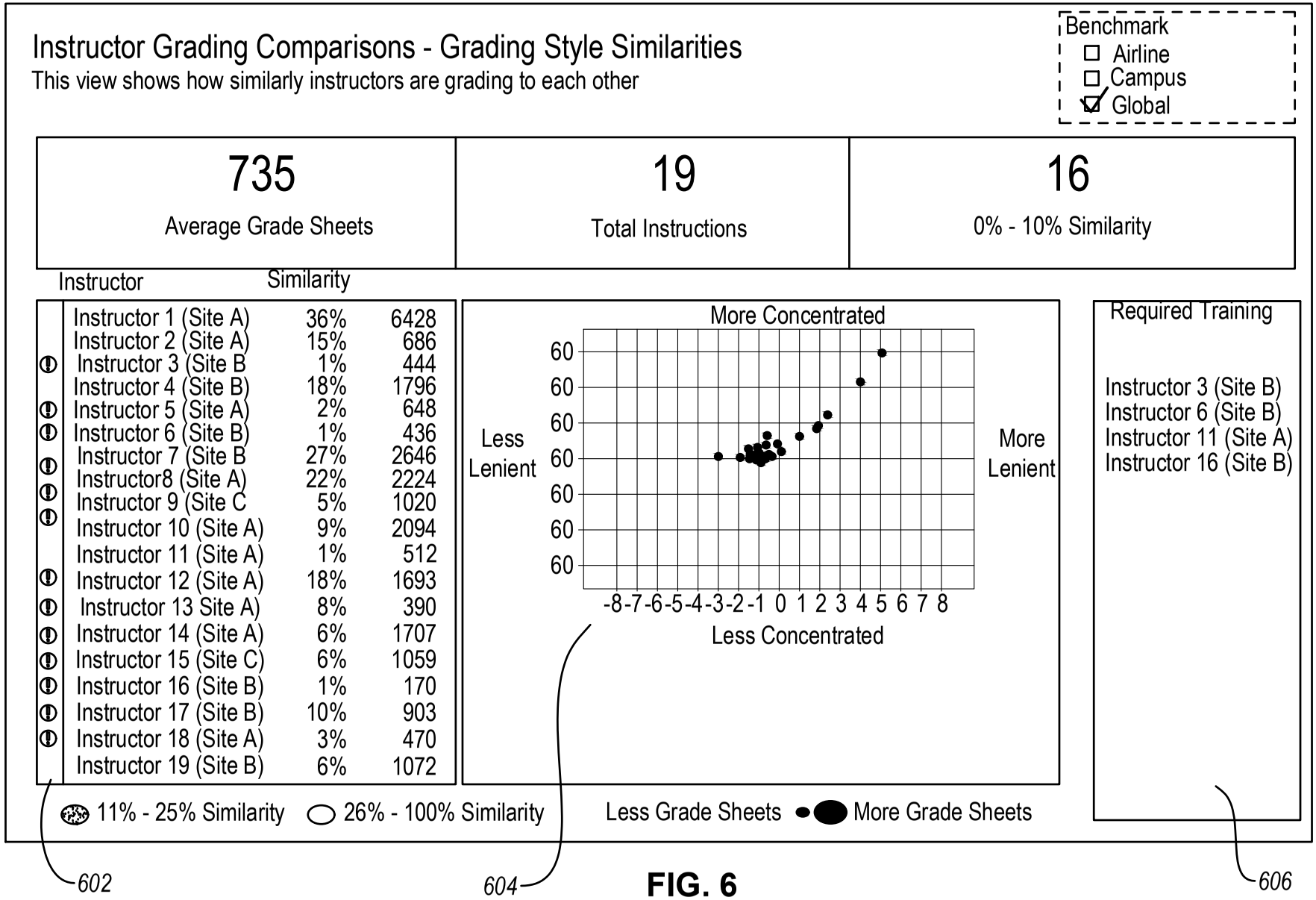

Instructor Grading Comparisons - Grading Style Similarities
This view shows how similarly instructors are grading to each other
Benchmark
Airline
Campus
Global
735
Average Grade Sheets
19
Total Instructions
16
0% - 10% Similarity
Instructor
Similarity
Instructor 1 (Site A) 36% 6428
Instructor 2 (Site A) 15% 686
Instructor 3 (Site B 1% 444
Instructor 4 (Site B) 18% 1796
Instructor 5 (Site A) 2% 648
Instructor 6 (Site B) 1% 436
Instructor 7 (Site B 27% 2646
Instructor8 (Site A) 22% 2224
Instructor 9 (Site C 5% 1020
Instructor 10 (Site A) 9% 2094
Instructor 11 (Site A) 1% 512
Instructor 12 (Site A) 18% 1693
Instructor 13 Site A) 8% 390
Instructor 14 (Site A) 6% 1707
Instructor 15 (Site C) 6% 1059
Instructor 16 (Site B) 1% 170
Instructor 17 (Site B) 10% 903
Instructor 18 (Site A) 3% 470
Instructor 19 (Site B) 6% 1072
More Concentrated
Less Lenient
More Lenient
60
60
60
60
60
60
-8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8
Less Concentrated
Required Training
Instructor 3 (Site B)
Instructor 6 (Site B)
Instructor 11 (Site A)
Instructor 16 (Site B)
11% - 25% Similarity
26% - 100% Similarity
Less Grade Sheets
More Grade Sheets
602
604
606

FIG. 6