

**TABLE E-1 Intraobserver Reliability of All Reviewers for Neer Parts Classification, by Modality**

| Reviewer            | Intraobserver Reliability (Weighted Kappa Coefficient) |              |              |
|---------------------|--|--------------|--------------|
|                     | Radiographs  | 2-D CT Scans | 3-D CT Scans |
| Attending surgeon 1 | 0.217  | 0.217        | 0.141        |
| Attending surgeon 2 | 0.132  | 0.188        | 0.199        |
| Attending surgeon 3 | 0.160  | 0.109        | 0.094        |
| Senior resident 1   | 0.174  | 0.189        | 0.155        |
| Senior resident 2   | 0.207  | 0.198        | 0.209        |
| Junior resident 1   | 0.384  | 0.302        | 0.274        |
| Junior resident 2   | 0.152  | −0.040       | 0.184        |

**TABLE E-2 Intraobserver Reliability of All Reviewers for Neer Fracture Planes Classification, by Modality**

| Reviewer            | Intraobserver Reliability (Weighted Kappa Coefficient) |              |              |
|---------------------|--|--------------|--------------|
|                     | Radiographs  | 2-D CT Scans | 3-D CT Scans |
| Attending surgeon 1 | 0.388  | 0.124        | 0.086        |
| Attending surgeon 2 | 0.142  | 0.137        | 0.077        |
| Attending surgeon 3 | 0.236  | 0.288        | 0.060        |
| Senior resident 1   | 0.112  | 0.131        | 0.171        |
| Senior resident 2   | 0.285  | 0.184        | 0.035        |
| Junior resident 1   | 0.418  | 0.375        | 0.492        |
| Junior resident 2   | 0.165  | 0.135        | 0.231        |

**TABLE E-3 Intraobserver Reliability of All Reviewers for AO/OTA Classification, by Modality**

| Reviewer            | Intraobserver Reliability (Weighted Kappa Coefficient) |              |              |
|---------------------|--|--------------|--------------|
|                     | Radiographs  | 2-D CT Scans | 3-D CT Scans |
| Attending surgeon 1 | 0.437  | 0.355        | 0.370        |
| Attending surgeon 2 | 0.472  | 0.427        | 0.402        |
| Attending surgeon 3 | 0.432  | 0.415        | 0.366        |
| Senior resident 1   | 0.522  | 0.427        | 0.419        |
| Senior resident 2   | 0.513  | 0.381        | 0.417        |
| Junior resident 1   | 0.555  | 0.600        | 0.456        |
| Junior resident 2   | 0.496  | 0.309        | 0.438        |

**TABLE E-4 Intraobserver Reliability of All Reviewers for Treatment Recommendations, by Modality**

| Reviewer            | Intraobserver Reliability (Weighted Kappa Coefficient) |              |              |
|---------------------|--|--------------|--------------|
|                     | Radiographs  | 2-D CT Scans | 3-D CT Scans |
| Attending surgeon 1 | 0.885  | 1.000        | 0.793        |
| Attending surgeon 2 | 0.711  | 0.500        | 0.462        |
| Attending surgeon 3 | 0.174  | 0.250        | 0.298        |
| Senior resident 1   | 0.224  | 0.184        | 0.188        |
| Senior resident 2   | 0.353  | 0.375        | 0.593        |
| Junior resident 1   | 0.336  | 0.731        | 0.498        |
| Junior resident 2   | 0.172  | 0.223        | 0.250        |