Figure A: Probability of Goal for One-on-One shots
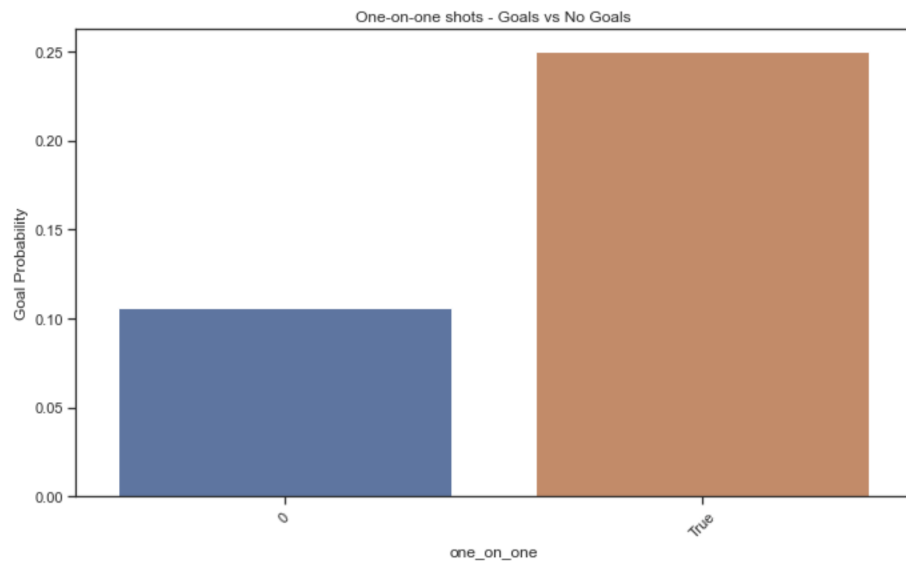

One-on-one shots - Goals vs No Goals

Figure B: Probability of Goal for Deflected shots

Deflected shots - Goals vs No Goals
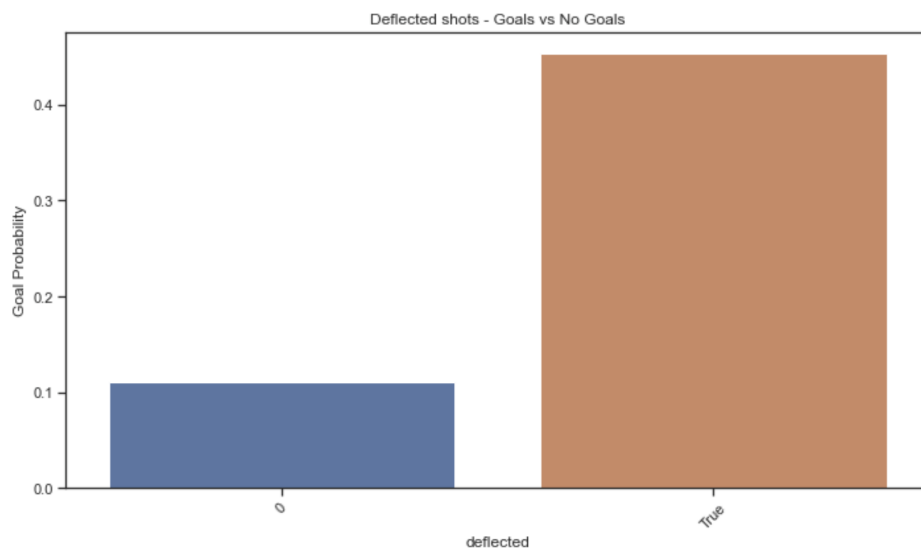
Figure C: Probability of Goal for Open Goals

Open Goal Shots - Goals vs No Goals
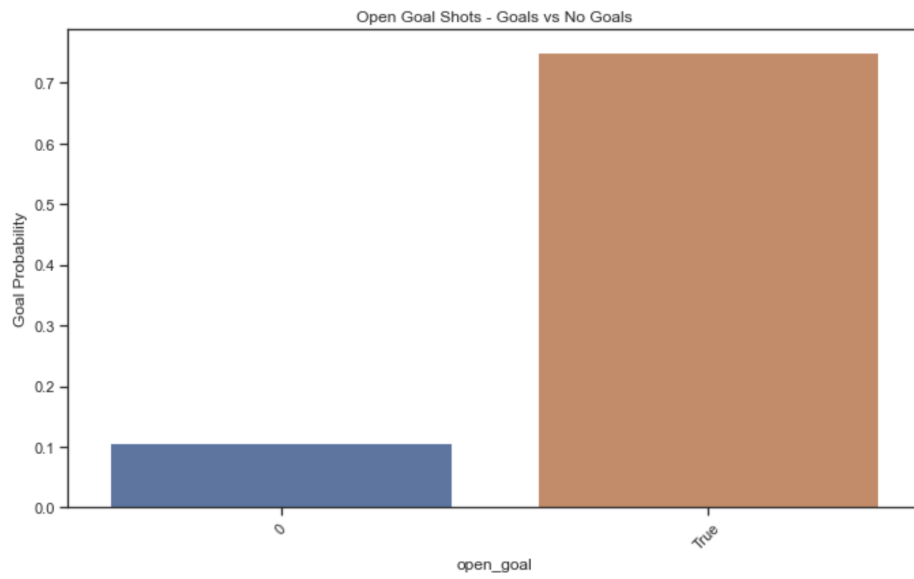
Figure D: Probability of Goal for Redirected Shots

Redirected shots - Goals vs No Goals
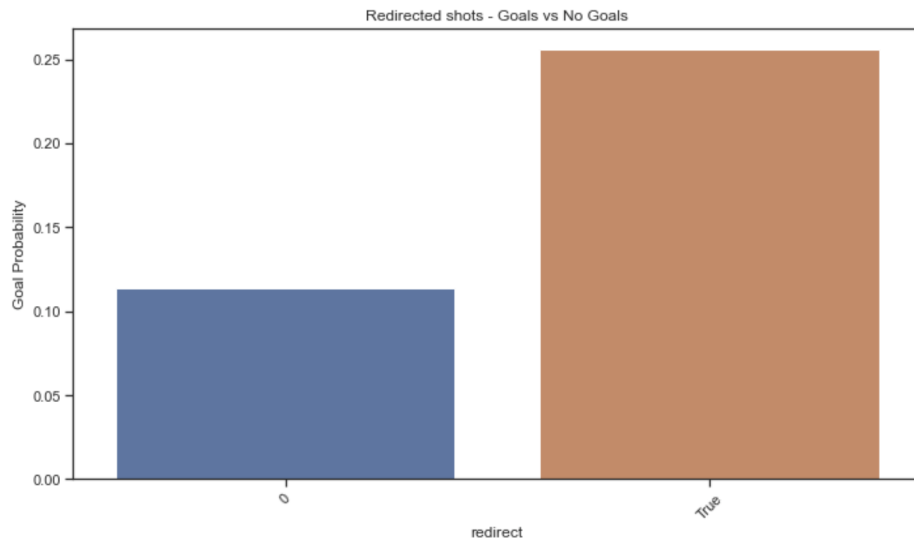
Figure E: Probability of Goal following Dribble

Shot follows dribble - Goals vs No Goals
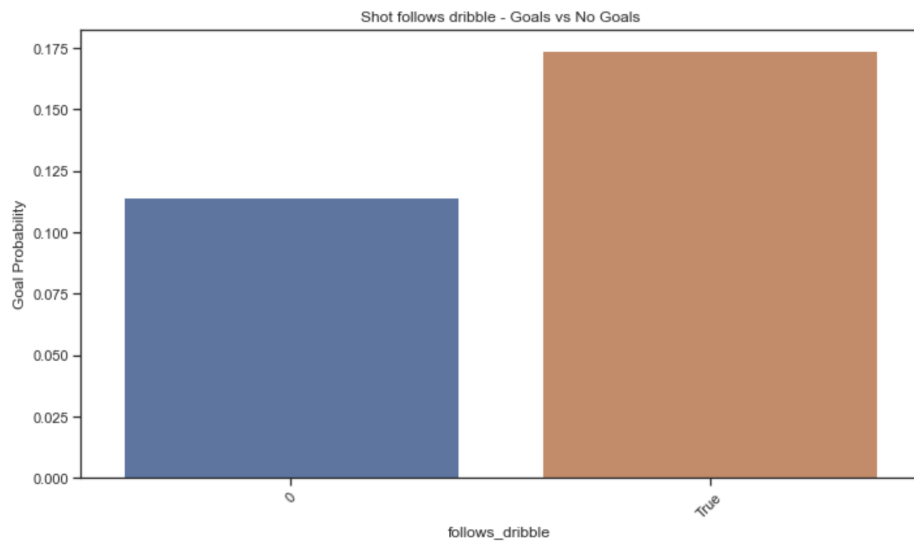
Figure F: Probability of Goal for First-time Shots

First time shots - Goals vs No Goals
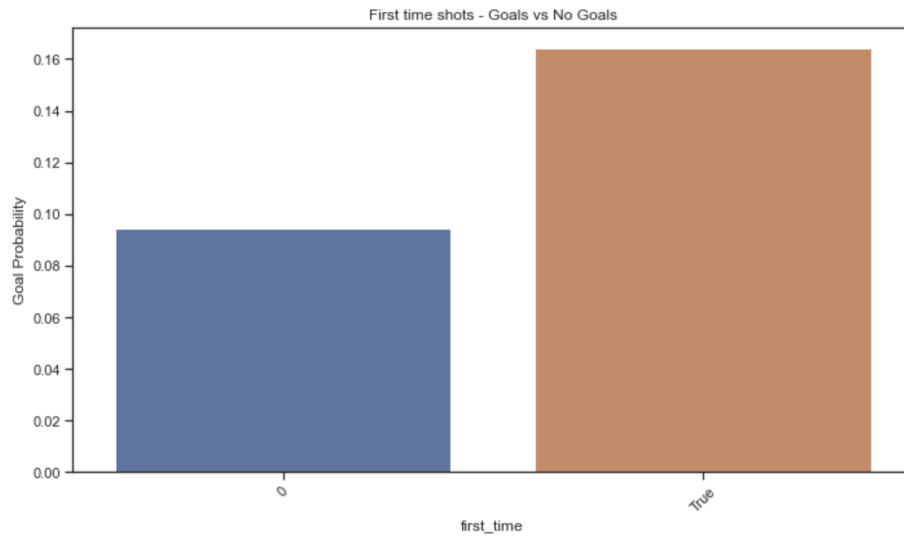
Figure G: Probability of Goal for Under Pressure Shots

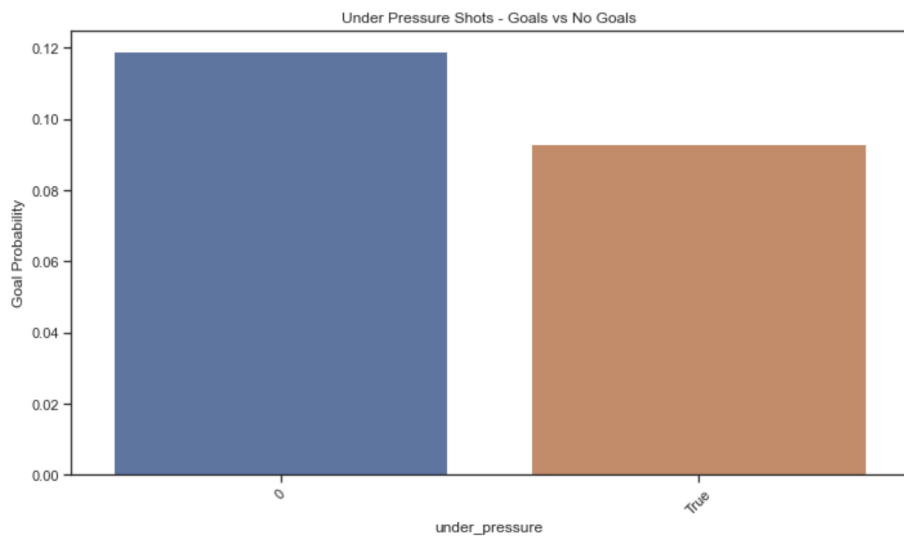Under Pressure Shots - Goals vs No Goals

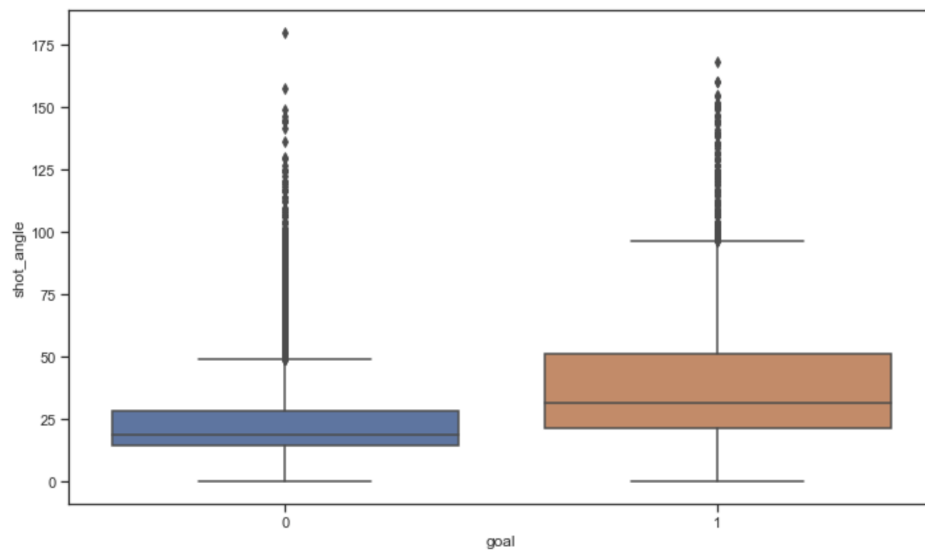## Figure H: Shot angle vs Goal instances
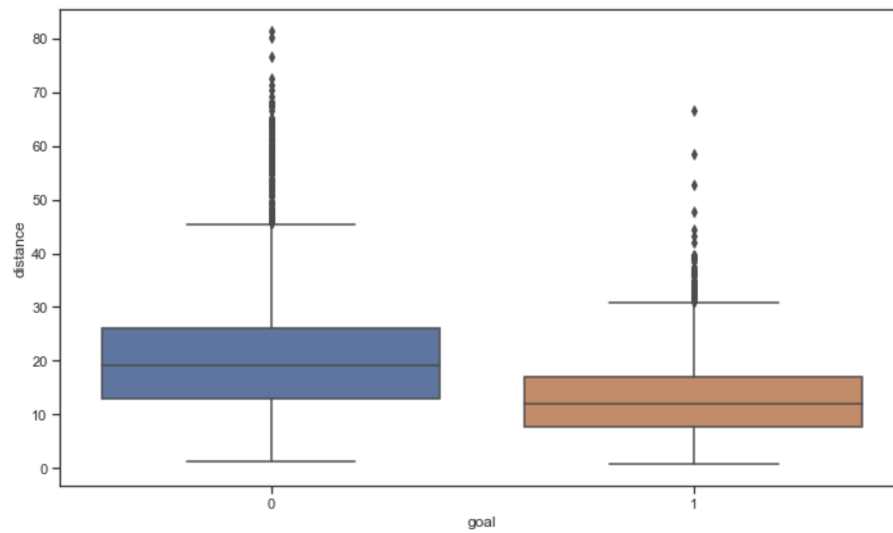

Figure I: Distance vs Goal instances

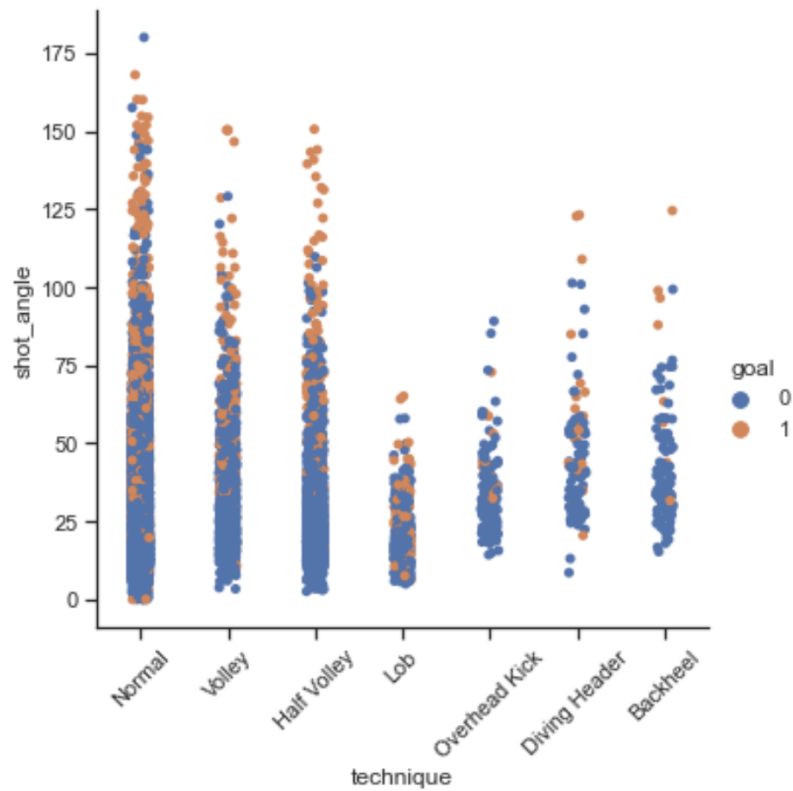**Figure J: Likelihood of Goal for Shot angle vs Technique**

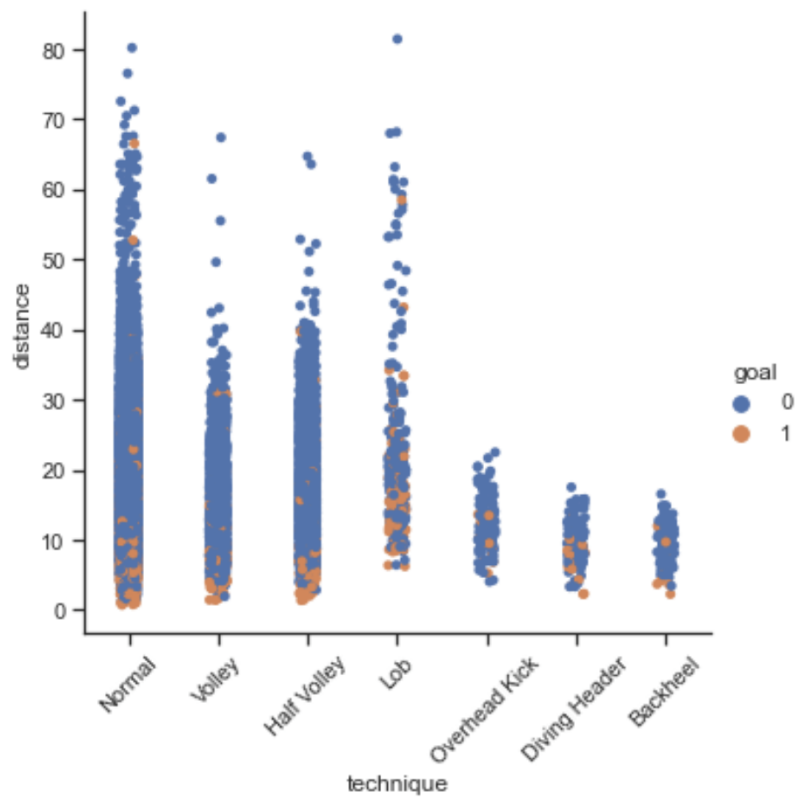**Figure K: Likelihood of Goal for Distance vs Technique**

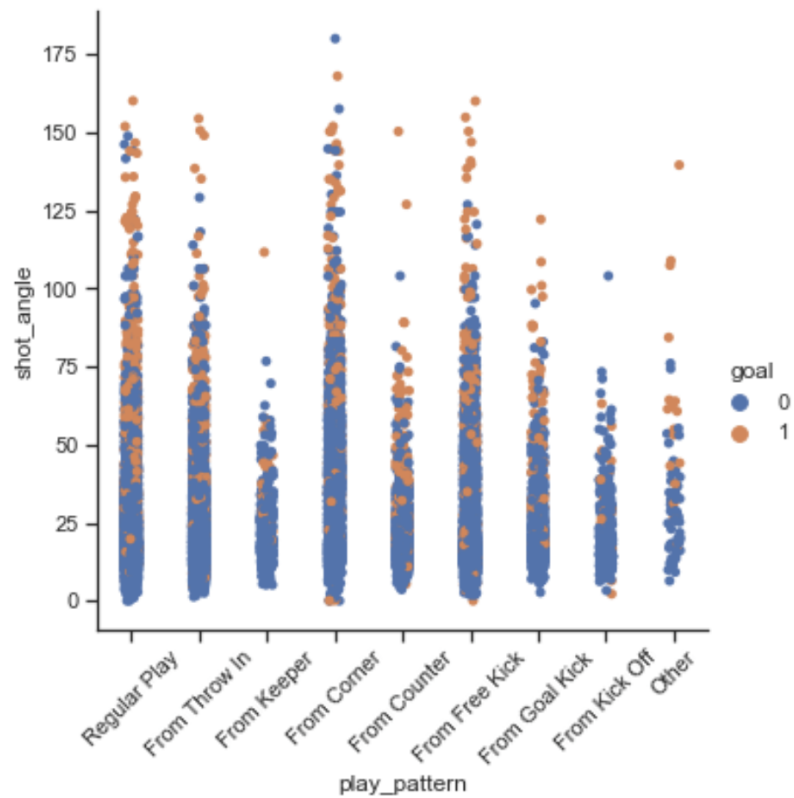**Figure L: Likelihood of Goal for Shot angle vs Play_pattern**

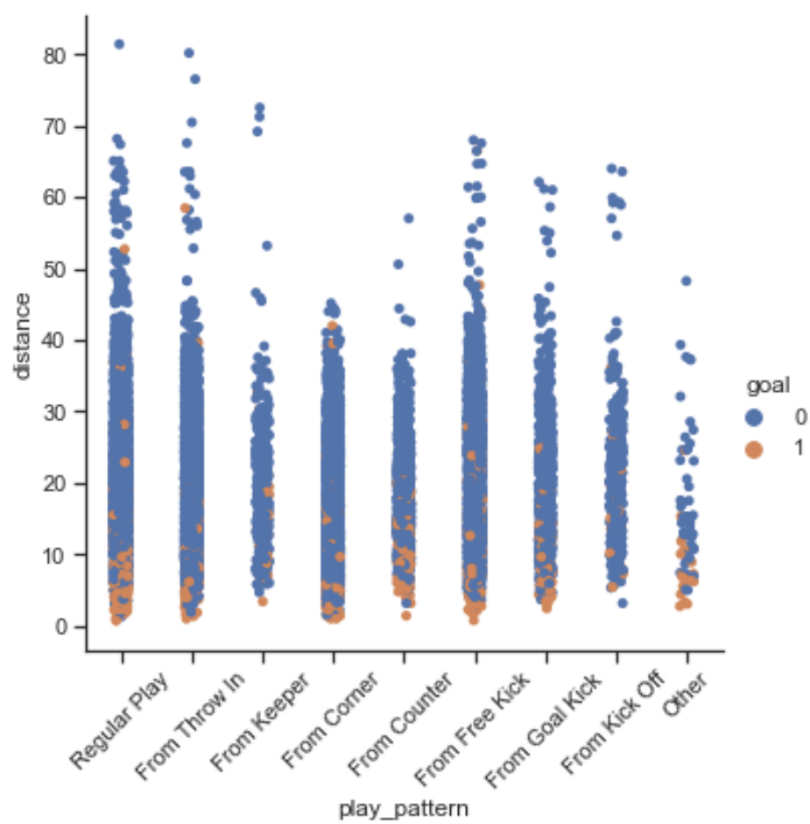**Figure M: Likelihood of Goal for Distance vs Play_pattern**

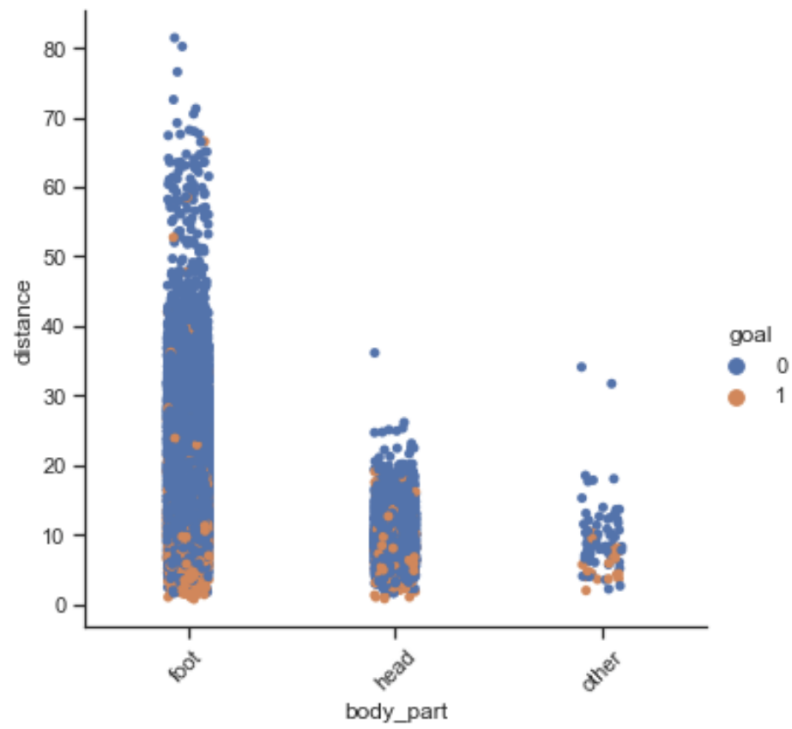**Figure N: Likelihood of Goal for Distance vs body_part**

Figure O: Likelihood of Goal for Shot angle vs body_part

Figure P: LDA Confusion Matrix

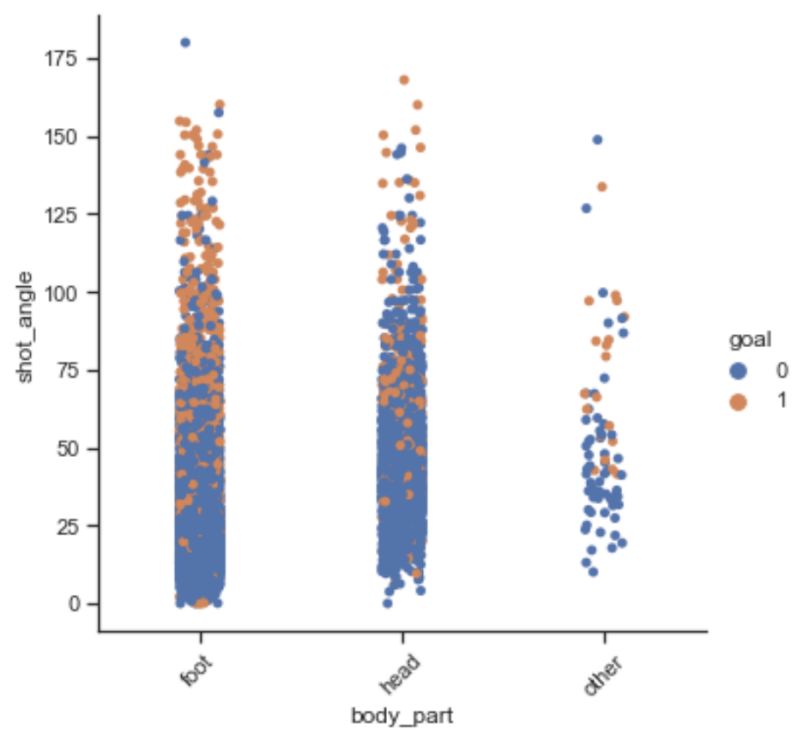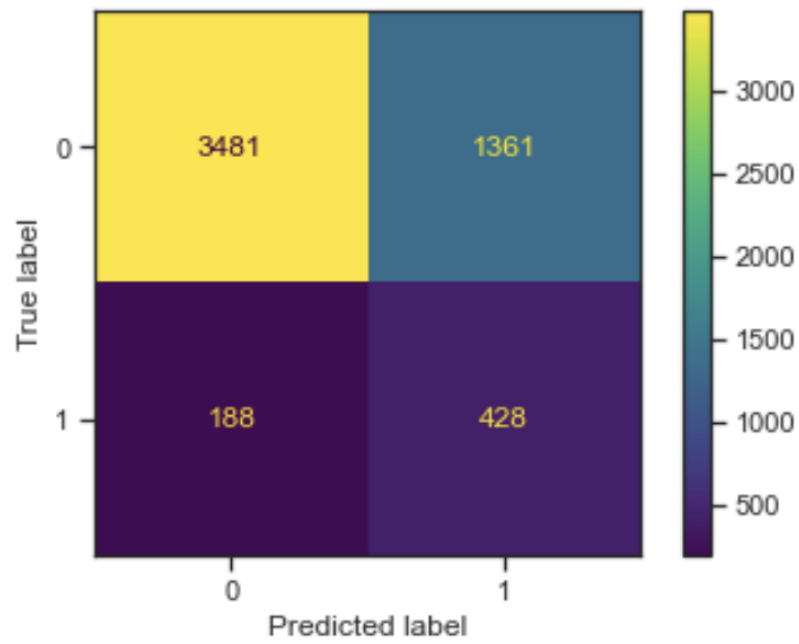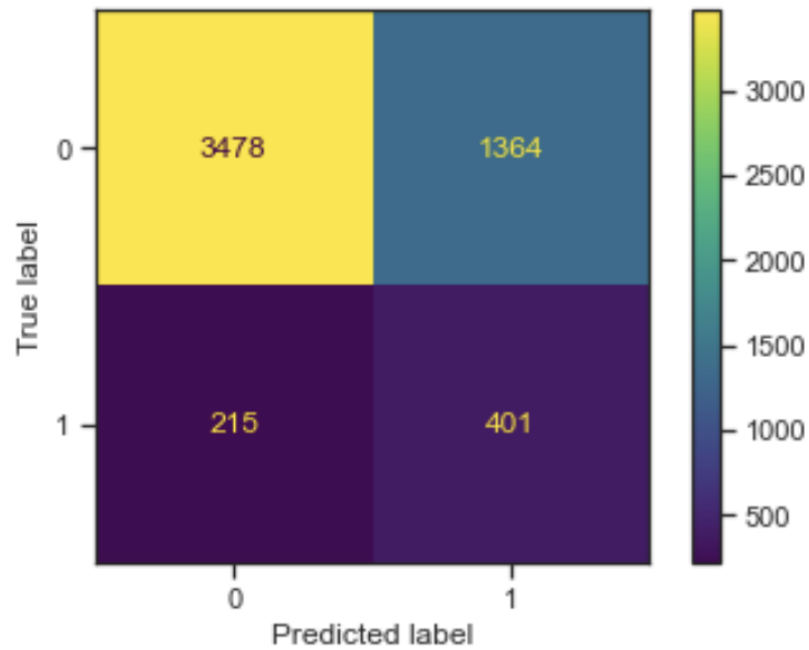**Figure Q: k-NN Confusion Matrix**

Figure R: Bagging (Decision Tree) Confusion Matrix