

Most Important Features:

1. procedure (big category of procedures)
2. unstable_ed_or (moved from ed to or)
3. unstable_notthreshold (transfusion threshold not followed)
4. mtp (massive transfusion protocol initiated)
5. los_floor (length of stay @ floor)

Next few are other vitals measures

- hb levels (higher numbered columns mostly)
- lowest sbp and dbp at the ptc (lowest systolic/dystolic blood pressure)

iss (injury severity score) is relatively high up

Possible reasons for misclassifications for decision tree:

1. target=0, we predicted 1
 - a. had relatively high iss, los_floor than other 0's
 - b. procedures were not diagnostic only (procedure__0 was not 1)
2. target=1, we predicted 0
 - a. low injury grades, no blush on ct
 - b. low los_floor

Method: manual comparison of columns for decision tree misclassifications

Conclusion: misclassifications were likely outliers in data