LIMIT: 15,000 WORDS

ABSTRACT

BACKGROUND → ABBREVIATIONS
→ PD & DL

INTRO → AIMS
→ OBJECTIVES ; SOME OVERVIEW

LITERATURE (RELATED WORK) → DIAGRAM OVERVIEW OF LAYERS

APPROACH ⇒ DATA SOURCE & QUALITY
⇒ PROCESSING (IMAGES)
→ TECHNIQUES/FRAMEWORKS. → DESIGN OF EXPERIMENTS

RESULTS → STATISTICALLY → +-+TEST
→ P-VALUE
→ FIGURES → ROC CURVE
→ CONFUSION MATRIX

CONCLUSION

⇒
→ NOT SURE HOW SPIN/ECHOBF.. WILL AFFECT RESULTS
→ TRY FEED ONE SLICE THEN GO FROM THERE?

- FIND DISTRIBUTION OF DATA → WANT ROUGHLY EQUAL FOR PD & HC
  - → WHY 2D OVER 3D?
- ONE PLANE FIRST (2D) → x = 36, y = 10, z = 36 (MAYBE FIND WITH SN)
  - → JUST ONE SLICE OF CORONAL, AXIAL & SAGITTAL.
- SKULL STRIP → BRAIN EXTRACTION ALGORITHMS)
  - ↳ BET (2002)
- AUGMENT; DOUBLE SIZE, FLIP LEFT & RIGHT
- 85% TRAIN, 10% TEST, 5% VALIDATION
  - ↓ BATCHED DUE TO COMPUTING SPEED
- EVALUATE WITH PRECISION, RECALL & F-SCORE
- STRIDE & PADDING → ZERO-PADDING ← THEY LACKED COMPUTATIONAL RESOURCES
  - ↳ MAX-POOLING & RELU
    - ↳ POPULAR
- SOFTMAX CLASSIFIER FOR OUTPUT
- OPTIMISATION METHOD → ADAM METHOD.

MIGRATE CODE TO PY FROM