

# Caseload Management using HoNOS based Complexity Scores

Ben di Mambro

Consultant Psychiatrist

# R & Shiny



# Complexity Scores

# Risk

- Overactive or SelfHarm, whichever is higher, plus 1 to convert from a 0 to 4 scale to 1 to 5 scale.
- If the High Risk score is '1' then the patients scores a minimum of 3.
- If there has been contact with forensic services in last 1 year, the patients scores 5.
- If there has been contact with forensic services in last 5 year, the patients scores a minimum of 3.
- If there has been an admission in last 28 days, the patients scores 5.

# Relapse Pattern

- 5 =  $nAC2yr \geq 4 \mid nAL2yr \geq 6 \mid$   
 $zContactMonth2yr \geq 3 \mid Adm2Yrs6m \geq 1 \mid$   
 $Adm2Yrs3m \geq 2 \mid Adm2Yrs \geq 3$
- 4 =  $nAC2yr < 4 \ \& \ nAC2yr \geq 2 \mid nAL2yr < 6 \ \&$   
 $nAL2yr \geq 3 \mid zContactMonth2yr = 2 \mid Adm2Yrs < 3$   
 $\ \& \ Adm2Yrs > 0 \mid Adm5Yrs \geq 4$
- 3 =  $Adm5Yrs < 4 \ \& \ nAC5yr \geq 1 \mid nAL5yr \geq 3 \mid$   
 $nAC5yr \geq 3 \mid zContactMonth5yr \geq 3$
- 2 =  $nAC5yr \geq 1 \mid nAL5yr \geq 2 \mid$   
 $zContactMonth5yr \geq 1$
- 1 = any other

# Needs

- ADLs, Activities, Substance Misuse, whichever is higher, plus 1 to convert from a 0 to 4 scale to 1 to 5 scale.
- Last one year ADLs & Activities >3 minimum of 3

# Support

- 5 = Disciplines $\geq$ 2 & Relationships $\leq$ 4
- 4 = Disciplines $\geq$ 2 & Relationships $\leq$ 3
- 3 = Disciplines $\geq$ 2 & Relationships $<$ 3
- 2 = Disciplines $\geq$ 1 & Relationships $>$ 2
- 1 = any other

# Engagement

- 5 = ClusterGroup=16-17
- 4 = ClusterGroup=10-15 & %DNA>10
- 3 = %DNA>20
- 2 = %DNA<=20 & %DNA>10
- 1 = any other



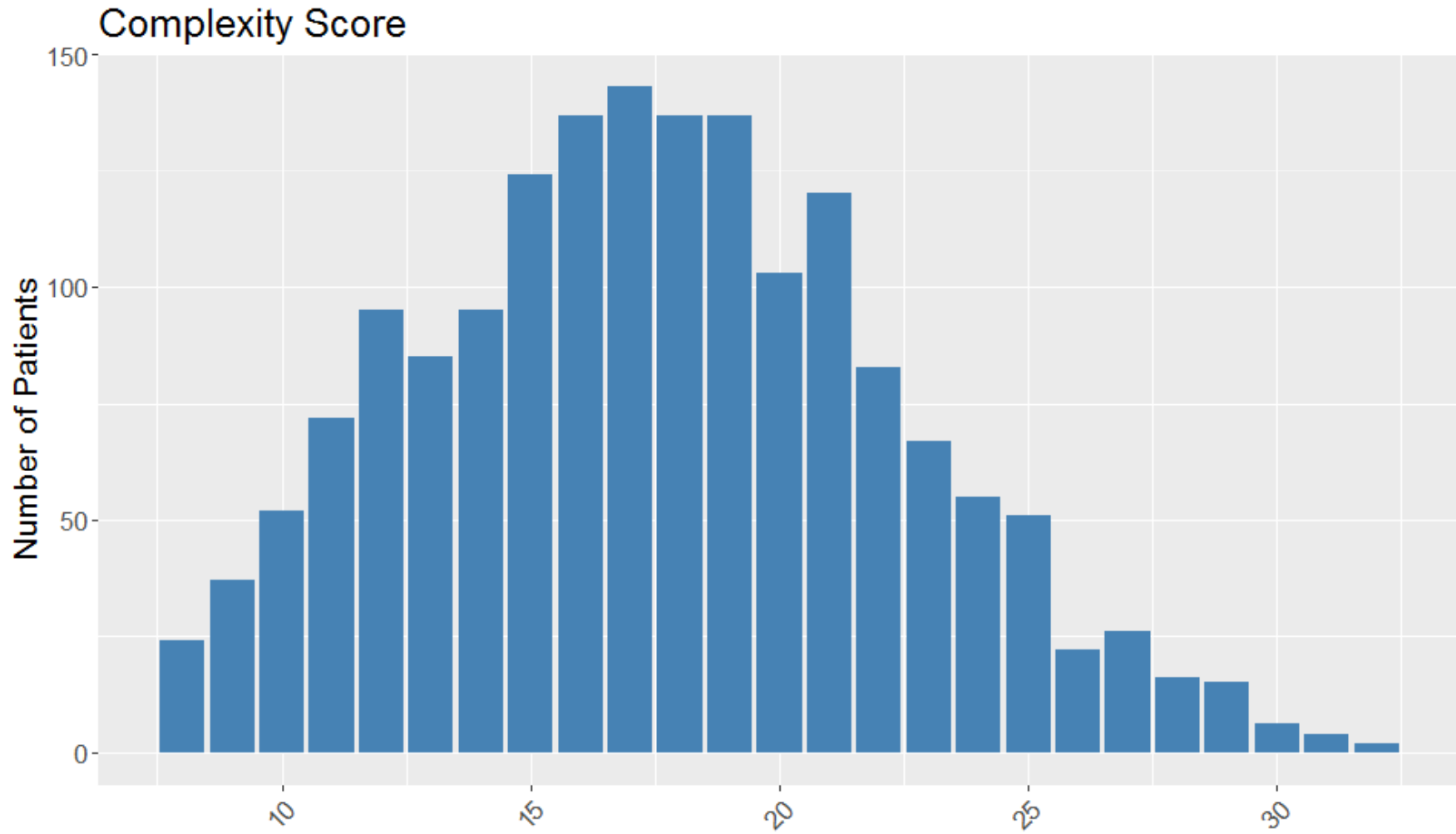
# Required Contact

- 5 = MeanLast5C  $\leq$  5
- 4 = MeanLast5C  $>$  5 & MeanLast5C  $\leq$  10
- 3 = MeanLast5C  $>$  10 & MeanLast5C  $\leq$  21
- 2 = MeanLast5C  $>$  21 & MeanLast5C  $\leq$  90
- 1 = any other

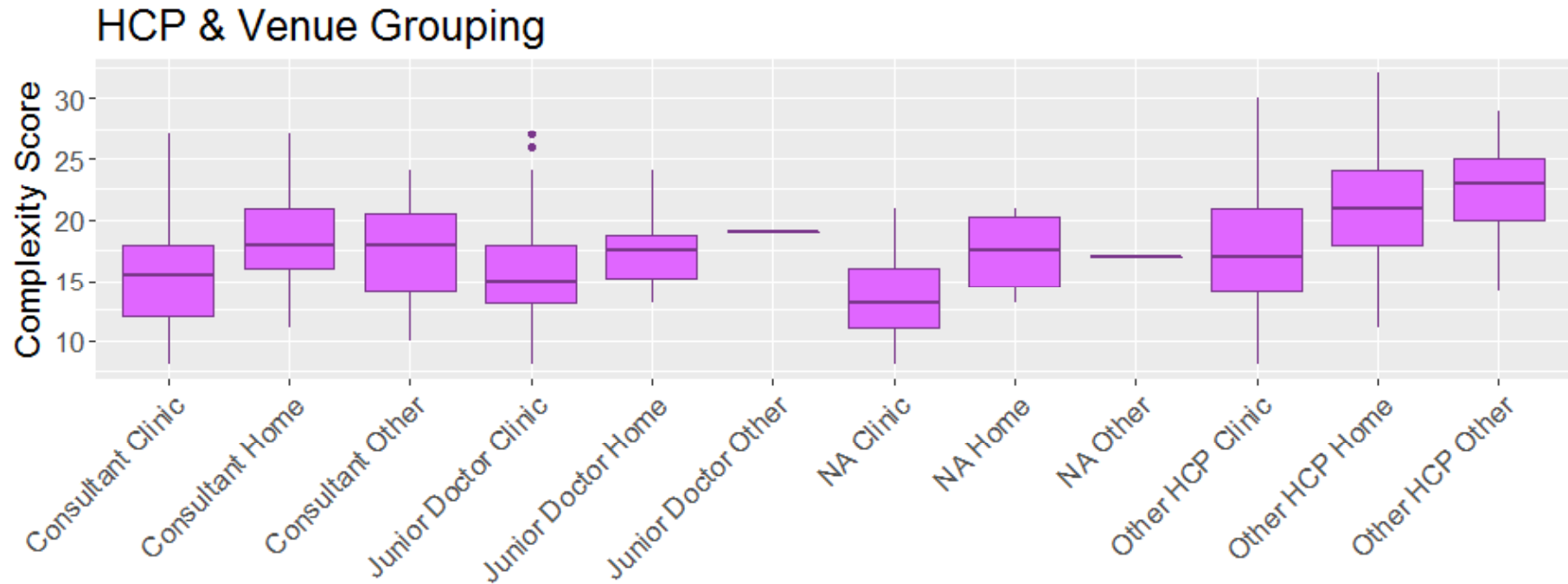
# CPA Coordination

- 5 = CPA Pathway & MHA5yrsForS3
- 4 = CPA Pathway & MHA5yrs (any other)
- 3 = CPA Pathway
- 2 = Care Pathway
- 1 = no CPA status recorded

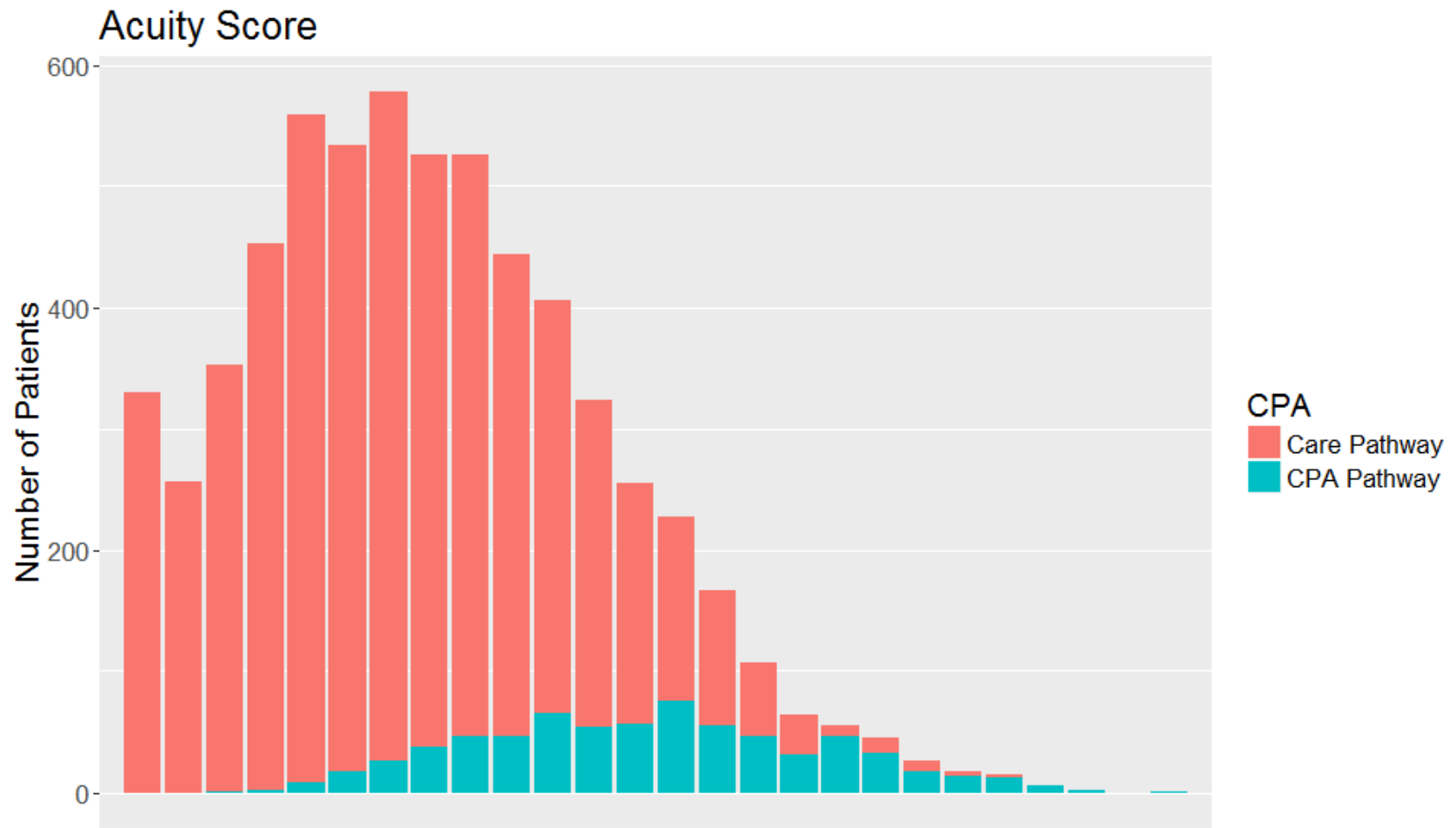
# Complexity Scores



# Novel Pathways



# CPA



# Questions

- Would this be helpful?
- What should be added?
- Would a HCP dashboard be helpful?