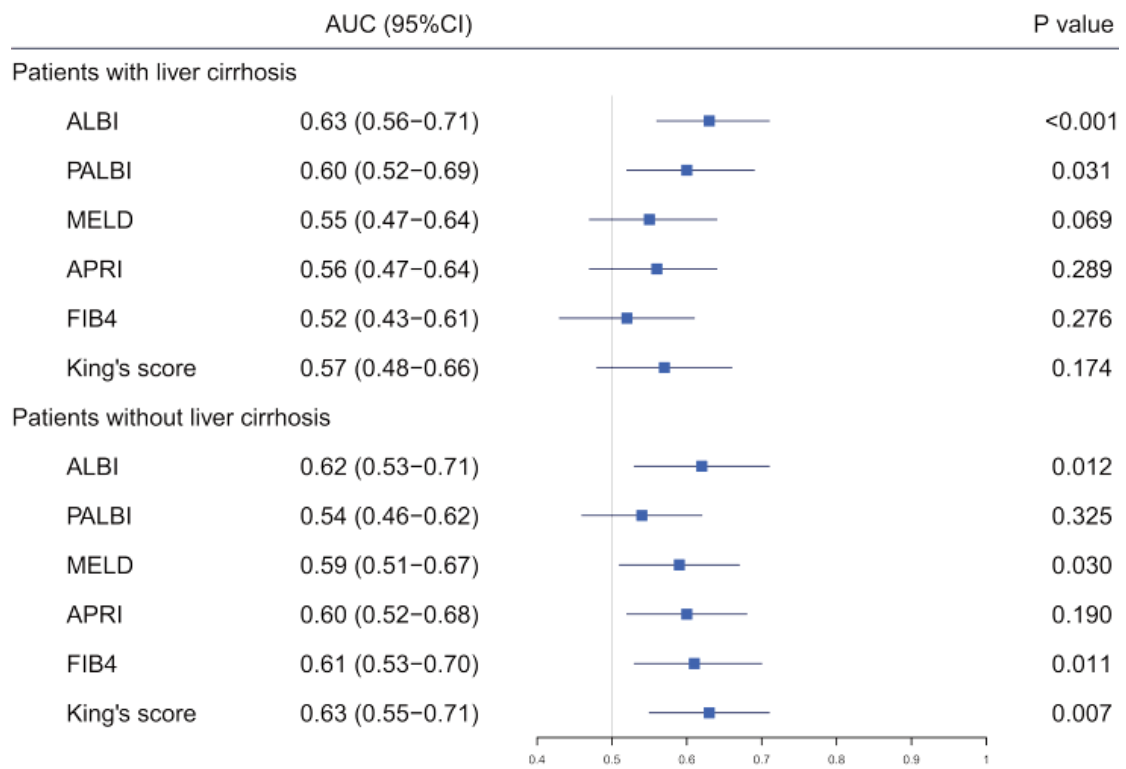


1 **Table S1. Formula of 6 liver functional reserve models.**

<b>Liver Functional Reserve Model</b>	<b>Formula</b>
<b>ALBI</b>	$\text{Log (Bilirubin}[\mu\text{mol/L})} \times 0.66 + \text{Albumin}[\text{g/L}] \times (-0.085)$
<b>MELD</b>	$10 \times ((0.957 \times \ln (\text{Creatinine}[\mu\text{mol/L})) + (0.378 \times \ln (\text{Bilirubin}[\mu\text{mol/L})) + (1.12 \times \ln (\text{INR}))) + 6.43$
<b>APRI</b>	$((\text{AST}[\text{U/L}] / \text{upper limit of normal}) / \text{Platelet}[10^9/\text{L}]) \times 100$
<b>FIB4</b>	$(\text{Age}[\text{years}] \times \text{AST}[\text{U/L}]) / (\text{Platelet}[10^9/\text{L}] \times \text{ALT}[\text{U/L}]^{1/2})$
<b>PALBI</b>	$(2.02 \times \log_{10} \text{Bilirubin}[\mu\text{mol/L}]) - (0.37 \times (\log_{10} \text{Bilirubin}[\mu\text{mol/L}])^2) - 0.04 \times \text{Albumin}[\text{g/L}] - 3.48 \times \log_{10} \text{Platelets}[10^9/\text{L}] + 1.01 \times (\log_{10} \text{Platelets}[10^9/\text{L}])^2$
<b>King's score</b>	$\text{Age}[\text{years}] \times \text{AST}[\text{U/L}] \times \text{INR}/(\text{Platelets}[10^9/\text{L}])$

2 **Abbreviations:** ALBI, albumin-bilirubin; MELD, model for end-stage liver disease; APRI, AST to platelet ratio  
 3 index; FIB4, fibrosis index based on 4 factors; PALBI, platelet-albumin-bilirubin.

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6 Figure S1.

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