

# TcB Analysis Visualization

October 30, 2023

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## 1 Introduction

### 1.1 Data version

**Processed Data:** InfData\_Wide, MatData\_Wide

**Date:** 2023-10-13

### 1.2 Criteria of jaundice

1. Severe jaundice: any jaundice if age less than 24 hours OR yellow palms and soles.
2. Jaundice: jaundice appearing after 24 hours of age AND palms and soles not yellow.
3. No jaundice.

Category	Definition
Severe Jaundice	(M13_JAUND_CESTTIM_X==1 & M13_JAUND_CEOCCUR_X==1)  M13_YELL_CEOCCUR_X==1
Jaundice	M13_JAUND_CEOCCUR_X==1 with no indication of severe jaundice
No Jaundice	M13_JAUND_CEOCCUR_X==0

Figure 1: Category of jaundice

### 1.3 Criteria of assessment

1. AAP threshold by gestational age and age in hours. In this analysis, gestational age and age in hours are round down to the nearest integer and AAP threshold is 3 mg/dL below the phototherapy threshold with no risk factor.
2. TcB  $\geq$  15 mg/dL.

## 2 Pooled Data

### 2.1 IPC visit

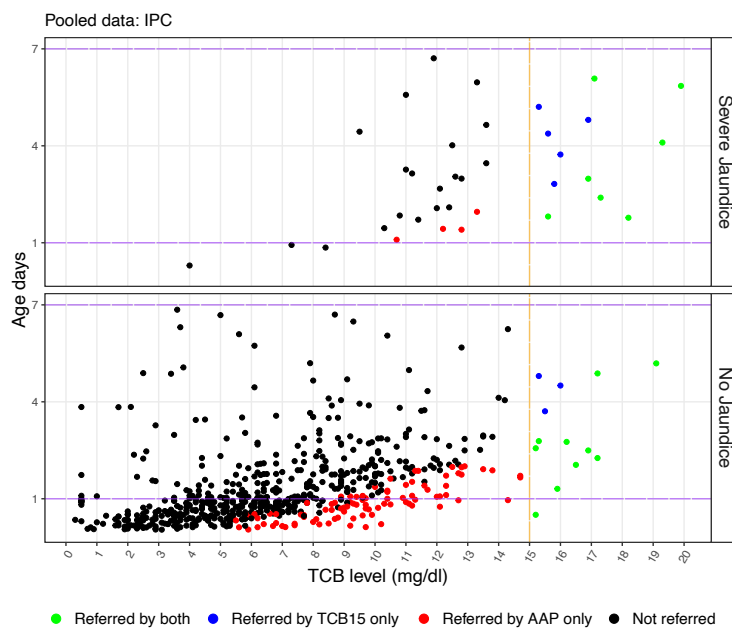


Figure 2: AAP vs TcB15 by severity of jaundice

### 2.2 PNC-0 visit

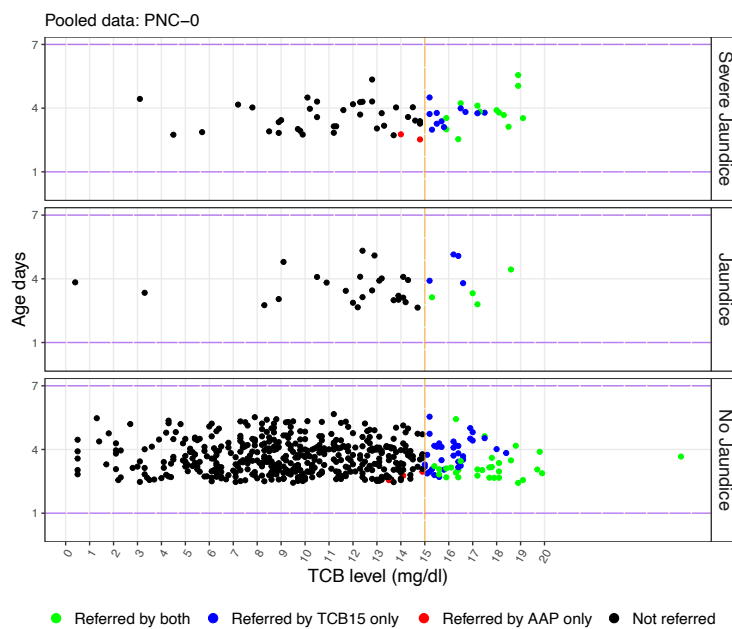


Figure 3: AAP vs TcB15 by severity of jaundice

## 2.3 PNC-1 visit

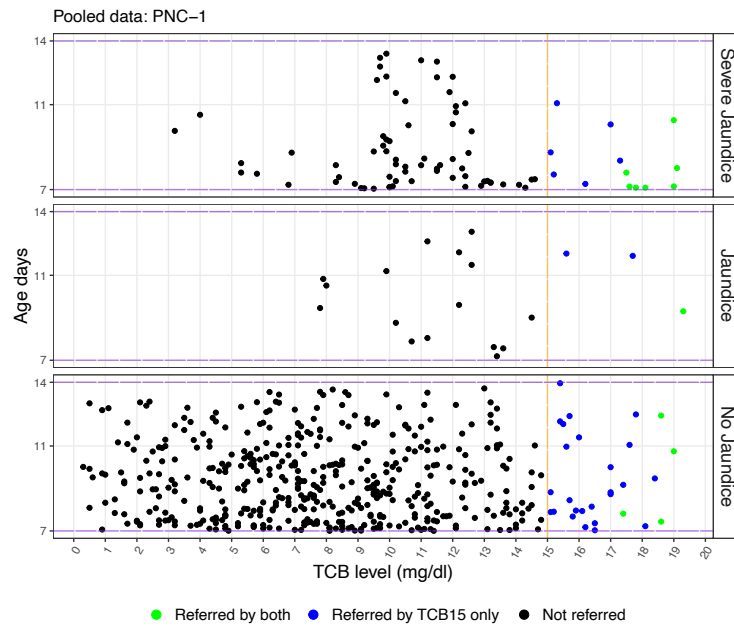


Figure 4: AAP vs TcB15 by severity of jaundice

## 3 Kenya

### 3.1 PNC-0 visit

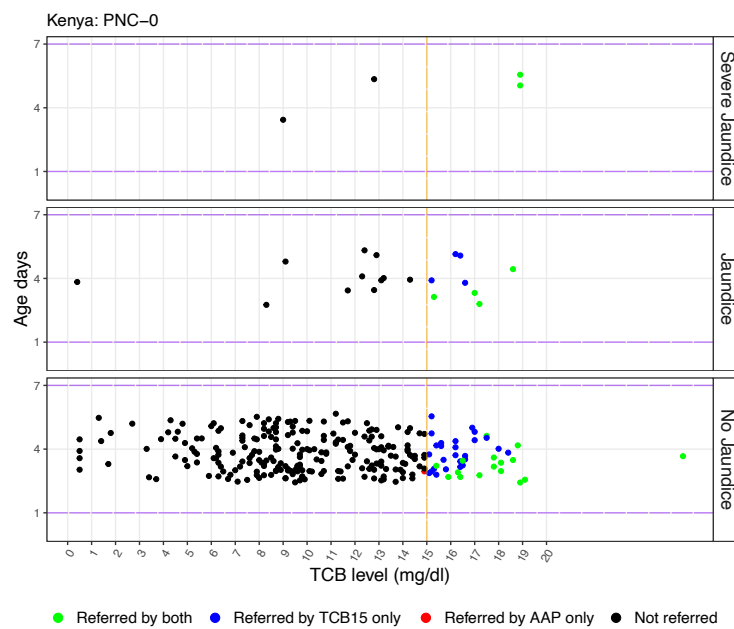


Figure 5: Kenya - AAP vs TcB15 by severity of jaundice

### 3.2 PNC-1 visit

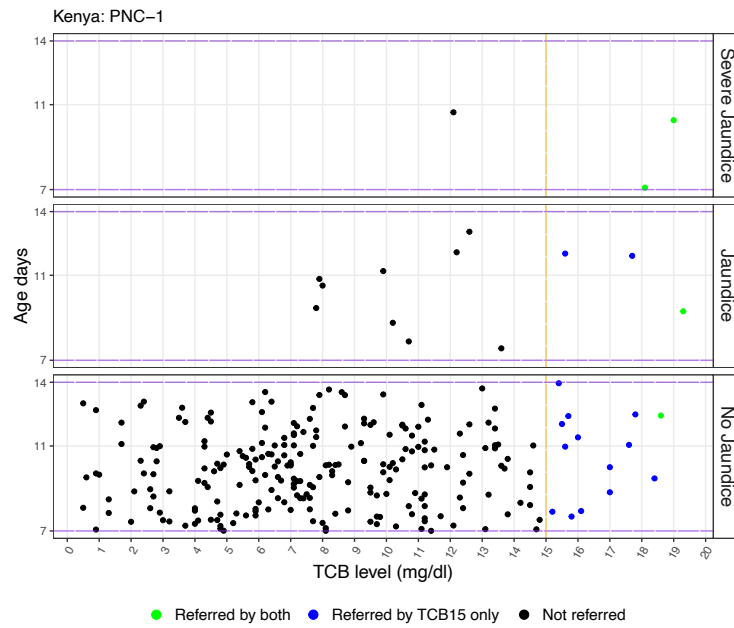


Figure 6: Kenya - AAP vs TcB15 by severity of jaundice

## 4 Pakistan

### 4.1 IPC visit

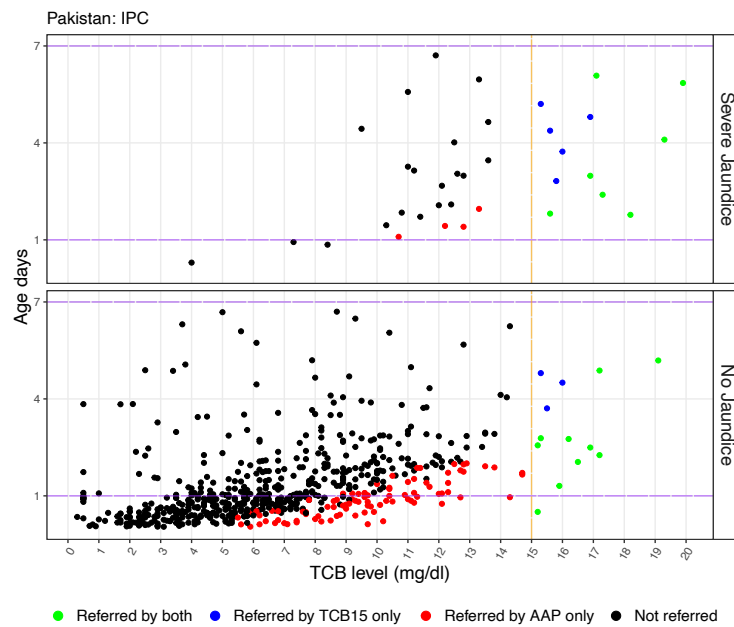


Figure 7: AAP vs TcB15 by severity of jaundice

## 4.2 PNC-0 visit

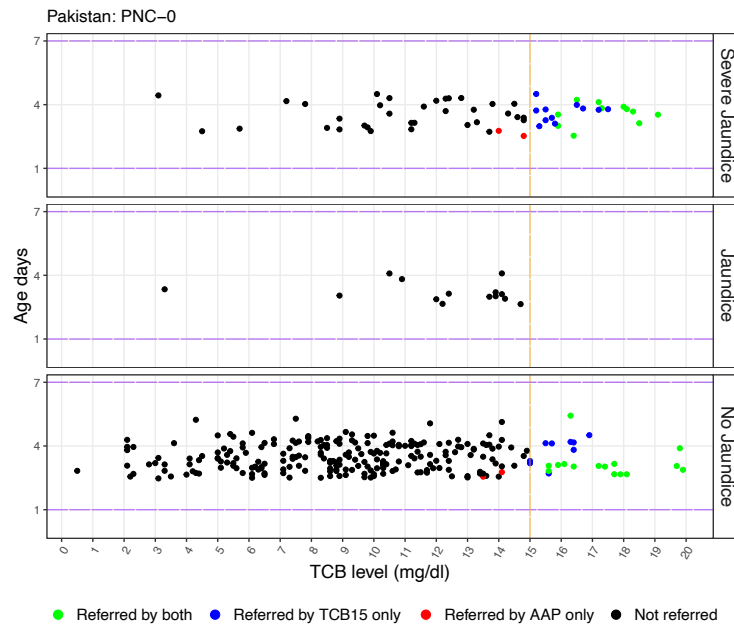


Figure 8: Pakistan - AAP vs TcB15 by severity of jaundice

## 4.3 PNC-1 visit

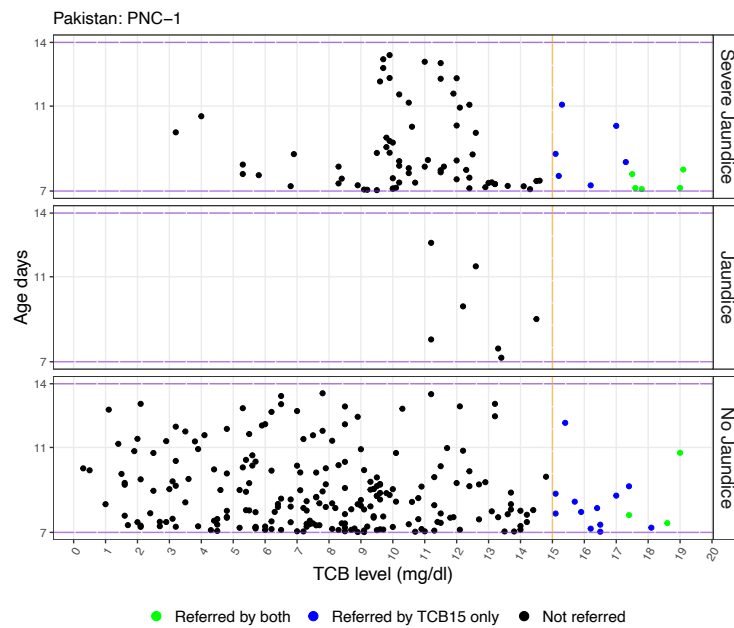


Figure 9: Pakistan - AAP vs TcB15 by severity of jaundice

## 5 Ghana

### 5.1 IPC visit

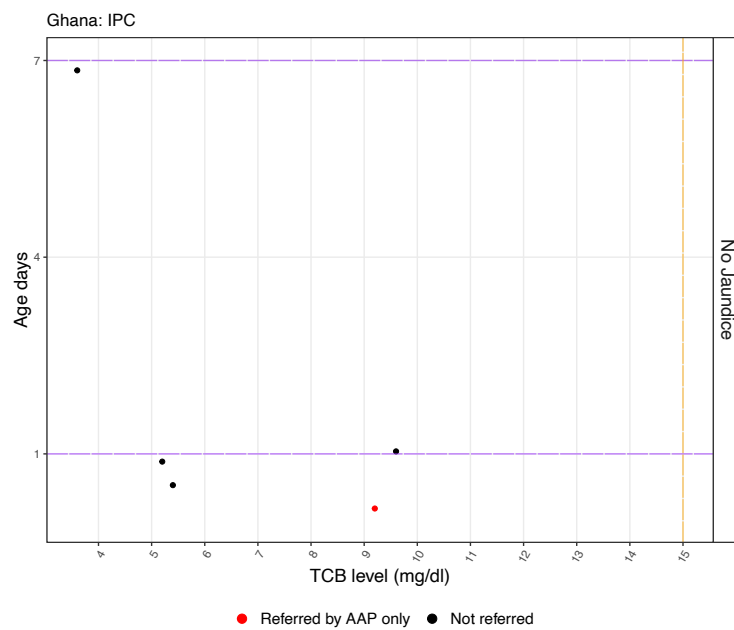


Figure 10: AAP vs TcB15 by severity of jaundice

## 6 Zambia

No data available