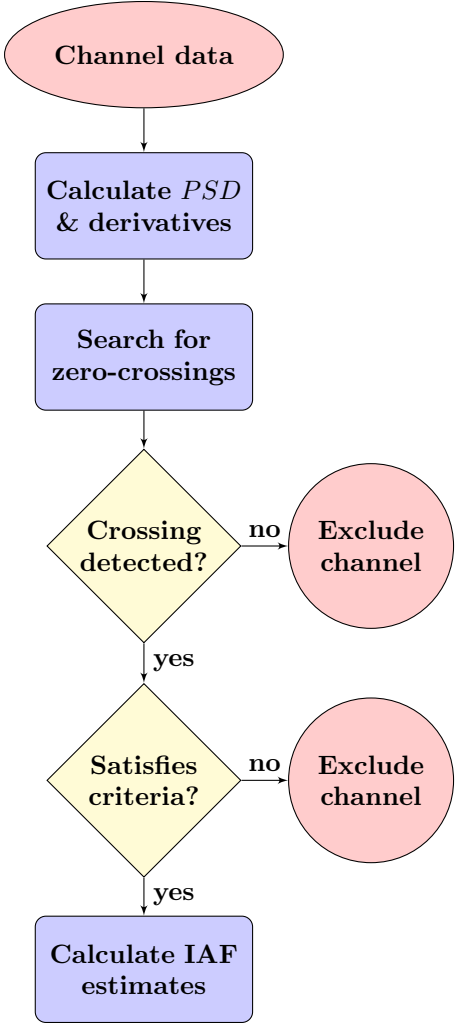


Channel data



```
graph TD; A([Channel data]) --> B[Calculate PSD & derivatives]; B --> C[Search for zero-crossings]; C --> D{Crossing detected?}; D -- no --> E((Exclude channel)); D -- yes --> F{Satisfies criteria?}; F -- no --> G((Exclude channel)); F -- yes --> H[Calculate IAF estimates];
```

The flowchart illustrates a process for channel selection. It begins with an oval node labeled 'Channel data'. An arrow points down to a rounded rectangle labeled 'Calculate PSD & derivatives'. Another arrow points down to a second rounded rectangle labeled 'Search for zero-crossings'. From there, an arrow points down to a yellow diamond decision node labeled 'Crossing detected?'. If the answer is 'no', an arrow points right to a red circle labeled 'Exclude channel'. If the answer is 'yes', an arrow points down to a second yellow diamond decision node labeled 'Satisfies criteria?'. If the answer is 'no', an arrow points right to another red circle labeled 'Exclude channel'. If the answer is 'yes', an arrow points down to a final rounded rectangle labeled 'Calculate IAF estimates'.

**Calculate PSD
& derivatives**

**Search for
zero-crossings**

**Crossing
detected?**

no

**Exclude
channel**

yes

**Satisfies
criteria?**

no

**Exclude
channel**

yes

**Calculate IAF
estimates**