General Recommendations

Don't use invalid method.

Similar to Run 1?

Similar to corresponding analysis in other experiments?

*Bayes = most practical currently

> **~ CDF default method**

Other respectable methods not ruled out

Specific Recommendations

1) Decide in advance, including how to assess
   and optimise significance

2) Priors

$p(s)$ = constant

$p(e) \circledR 0$ as $e \circledR 0$

$p(b)$: your favourite [less problematic than $p(e)$]

3) Show posterior probability density

4) Check robustness

e.g., change $p(e) \triangleright b$, log-normal, . . .

5) State method clearly

6) Quote coverage as function of s.

7) Quote sensitivity (median limit, mean limit, . . .)

Hopefully, software available soon for most of this
   for multichannel counting experiments