

Quantity	Prior range
d	$[0, 20]$
ϑ	$[-180^\circ, 180^\circ]$
r_D	$[0, \kappa]$
ϑ_{r_D}	$[-180^\circ, 180^\circ]$
r_G	$[0, \kappa]$
ϑ_{r_G}	$[-180^\circ, 180^\circ]$
γ (analysis A only)	$[-180^\circ, 180^\circ]$
$-2\beta_s$ [rad] (analysis B only)	$[-\pi, \pi]$