Colors: ■ $z = 10$ m ■ $z = 18$ m ■ $z = 32$ m ■ $z = 45$ m ■ $z = 58$ m

Markers/lines: • Instantaneous measurement —— Linear Fit ······ Line: $y = x$

(a)

Availability = 100 %

$0.81 < R^2 < 0.96$
$0.88 < m < 0.94$
$0.30 < b < 0.73$

(b)

Availability = 100 %

$0.82 < R^2 < 0.97$
$0.88 < m < 0.94$
$0.30 < b < 0.74$

(c)

Availability = 97 %

$0.81 < R^2 < 0.97$
$0.87 < m < 0.93$
$0.35 < b < 0.77$

$\tilde{u}_{lidar}^{los}$ (m/s)

u_{sonic}^{los} (m/s)