

alignment:

- horizontal
- vertical, right arm
- vertical, right-left transfer

alignment + optics:

- tilt in x - y plane

optics:

- mode 1

— mode 2

acceptance correction:

- beam divergence RMS uncertainty
- beam divergence left-right asymmetry
- beam divergence non-gaussianity

uncorrelated 1-RP efficiencies:

- slope uncertainty, 45 bottom – 56 top
- slope uncertainty, 45 top – 56 bottom

beam momentum:

- offset from nominal

unfolding:

- θ_x^* resolution uncertainty
- θ_y^* resolution uncertainty
- model dependence

envelope of uncertainties:

- $\pm 1 \sigma$

