# Sensitivity

## Sensitivity analysis of Raltegravir 10 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 25 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 50 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 100 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 200 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 400mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 800 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 1200 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 1600 mg (lactose formulation)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 100 mg filmcoated tablet md

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for Cmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (last dosing interval for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for tmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for tmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for MRT (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (last dosing interval) for Raltegravir



## Sensitivity analysis of Raltegravir 200 mg filmcoated tablet md

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for Cmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (last dosing interval for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for tmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for tmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for MRT (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (last dosing interval) for Raltegravir



## Sensitivity analysis of Filmcoated\_tablet\_400mg\_sd

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 400 mg filmcoated tablet md

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for Cmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Cmax norm (last dosing interval for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for tmax (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for tmax (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for Ctrough (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUClast norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for AUCinf norm (last dosing interval) for Raltegravir



Figure : Most sensitive parameter for MRT (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (first dosing interval) for Raltegravir



Figure : Most sensitive parameter for t1/2 (last dosing interval) for Raltegravir



## Sensitivity analysis of Raltegravir 400mg chewable fasted

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 400mg chewable fed

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir



## Sensitivity analysis of Raltegravir 400mg (granules in suspension)

Figure : Most sensitive parameter for Cmax for Raltegravir



Figure : Most sensitive parameter for Cmax norm for Raltegravir



Figure : Most sensitive parameter for tmax for Raltegravir



Figure : Most sensitive parameter for CtEnd for Raltegravir



Figure : Most sensitive parameter for AUClast for Raltegravir



Figure : Most sensitive parameter for AUClast norm for Raltegravir



Figure : Most sensitive parameter for AUCinf for Raltegravir



Figure : Most sensitive parameter for AUCinf norm for Raltegravir



Figure : Most sensitive parameter for MRT for Raltegravir



Figure : Most sensitive parameter for Thalf for Raltegravir



Figure : Most sensitive parameter for CL for Raltegravir



Figure : Most sensitive parameter for Vss for Raltegravir



Figure : Most sensitive parameter for Vd for Raltegravir

