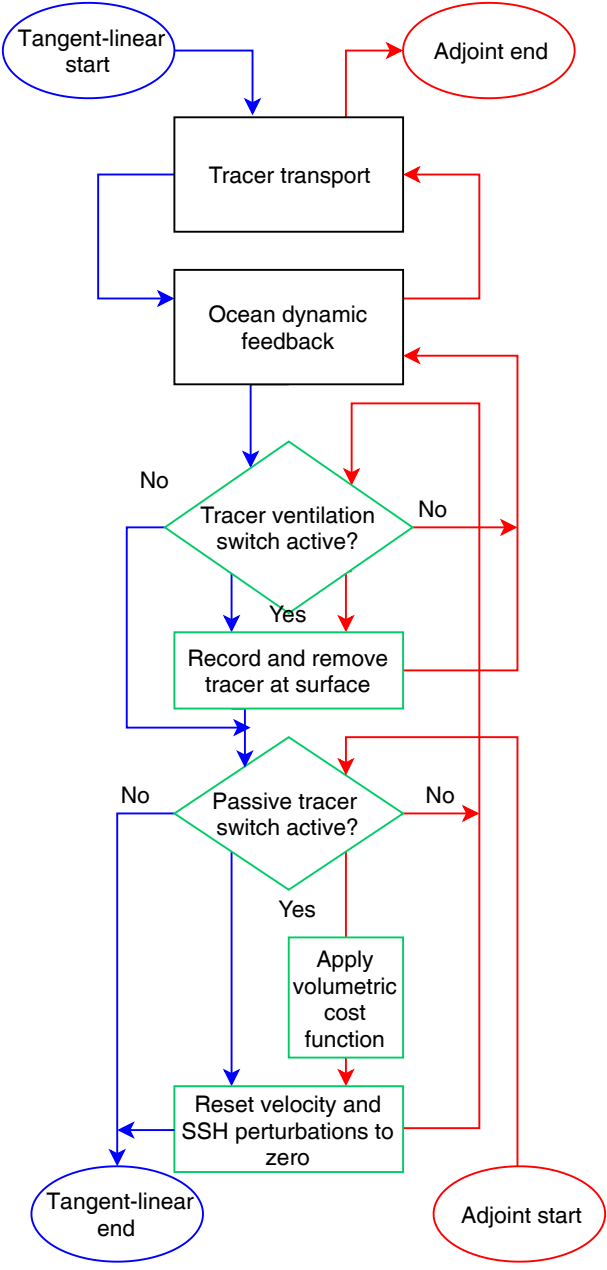
Tangent-linear start
Adjoint end
Tracer transport
Ocean dynamic feedback
No
Tracer ventilation switch active?
No
Yes
Record and remove tracer at surface
No
Passive tracer switch active?
No
Yes
Apply volumetric cost function
Reset velocity and SSH perturbations to zero
Tangent-linear end
Adjoint start