

			Cross sectional (SvHS)		Longitudinal (Δ SvHS)	
pre-training scheme			RMSE \downarrow	ICC \uparrow	RMSE \downarrow	ICC \uparrow
no-label pretraining	single stage baseline		11.8 \pm 1.4	95.7 \pm 0.6	9.0 \pm 0.8	63.5 \pm 3.1
	L_2^{DAE}	<div> <div> <div>cross sect.</div> <div>longitudinal</div> </div> <div> <div>cross sect.</div> <div>longitudinal</div> </div> <div> <div>$n.s.$</div> <div>*</div> </div> </div>	12.9 \pm 1.1	96.0 \pm 0.6	9.1 \pm 0.6	64.5 \pm 3.0
	$L^{\text{RnC:t}} + L_2^{\text{DAE}}$		11.4 \pm 1.4	95.9 \pm 0.6	8.7 \pm 0.8	64.7 \pm 3.0
	$L^{\text{SimCLR}} + L_2^{\text{DAE}}$		11.1 \pm 1.2	96.3 \pm 0.6	8.9 \pm 0.7	64.8 \pm 3.0
	$L^{\text{ChronoCon}}$		11.0 \pm 1.3	<u>96.4</u> \pm 0.5	<u>8.4</u> \pm 0.7	66.8 \pm 2.8
	$L^{\text{ChronoCon}} + L_2^{\text{DAE}}$		<u>10.8</u> \pm 1.3	96.3 \pm 0.6	<u>8.4</u> \pm 0.7	<u>67.0</u> \pm 2.8
label pretraining	$L^{\text{RnC}} + L^{\text{ChronoCon}}$	<div> <div>$n.s.$</div> <div>$n.s.$</div> </div>	10.9 \pm 1.2	96.3 \pm 0.6	8.7 \pm 0.7	65.1 \pm 3.0
	$L^{\text{RnC}} + L^{\text{ChronoCon}} + L_2^{\text{DAE}}$		10.8 \pm 1.2	96.3 \pm 0.6	8.6 \pm 0.7	66.7 \pm 2.8
	L^{RnC}		10.4 \pm 1.1	96.6 \pm 0.5	8.4 \pm 0.7	67.6 \pm 2.8
	$L^{\text{OrdinalCon:Y}} + L^{\text{ChronoCon}}$	<div> <div>$n.s.$</div> <div>*</div> </div>	10.7 \pm 1.3	96.4 \pm 0.6	8.3 \pm 0.7	68.4 \pm 2.7
	$L^{\text{OrdinalCon:Y}} + L^{\text{ChronoCon}} + L_2^{\text{DAE}}$		10.4 \pm 1.1	96.6 \pm 0.5	8.5 \pm 0.7	67.1 \pm 2.8
	$L^{\text{OrdinalCon:Y}}$		9.8 \pm 0.9	97.1 \pm 0.4	8.2 \pm 0.6	70.6 \pm 2.6