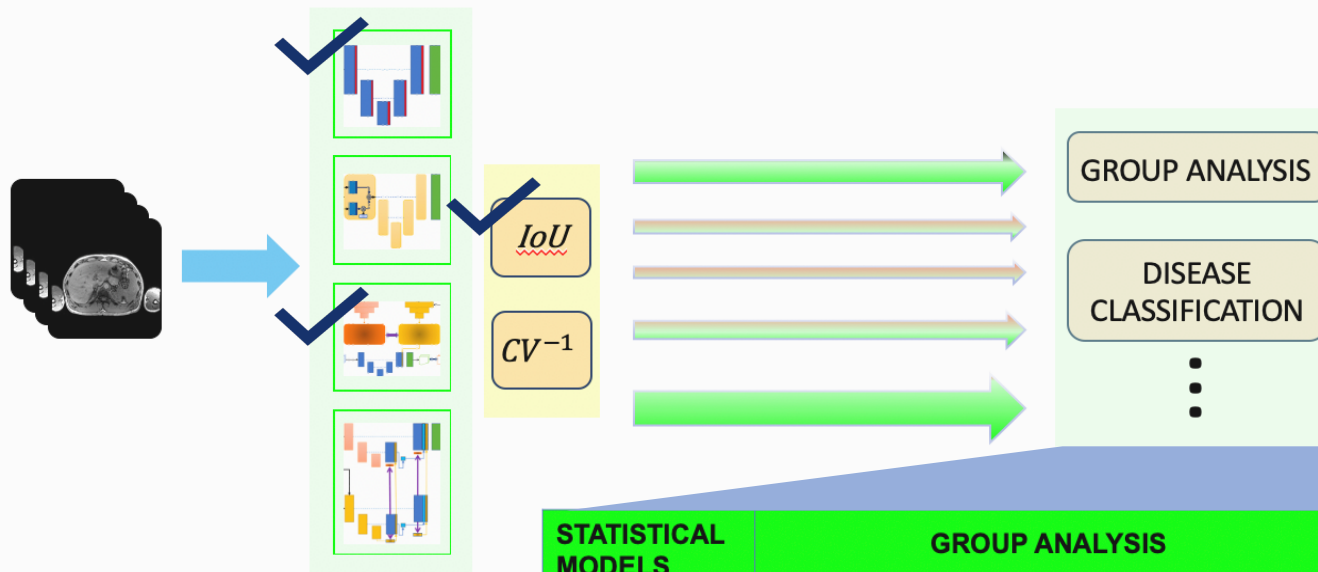


Bayesian Neural Networks for Uncertainty Estimation of Imaging Biomarkers

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DATA PRE-PROCESSING SEGMENTATION AUTOMATED QUALITY CONTROL POST-ANALYSIS



STATISTICAL MODELS	GROUP ANALYSIS	DISEASE CLASSIFICATION
MANUAL BASE	$V_i = \beta_0 + \beta_1 A_i + \beta_2 S_i + \beta_3 B_i + \beta_4 D_i + \varepsilon$	$D_i = \beta_0 + \beta_1 V_i + \varepsilon$
VARIABLE	$V_i = \beta_0 + \beta_1 A_i + \beta_2 S_i + \beta_3 B_i + \beta_4 D_i + \beta_5 C_i + \varepsilon$	$D_i = \beta_0 + \beta_1 V_i + \beta_2 C_i + \varepsilon$
INSTANCE	$[V_i = \beta_0 + \beta_1 A_i + \beta_2 S_i + \beta_3 B_i + \beta_4 D_i + \varepsilon] * C_i$	$[D_i = \beta_0 + \beta_1 V_i + \varepsilon] * C_i$
INTERACTION	---	$D_i = \beta_0 + \beta_1 C_i V_i + \varepsilon$