$$\mathbf{U}_{(f \fatsemi g) \fatsemi h} = \mathbf{U}_{f \fatsemi (g \fatsemi h)} = \mathbf{U}_f,$$

$$\mathbf{X}_{(f \fatsemi g) \fatsemi h} = \mathbf{X}_{f \fatsemi (g \fatsemi h)} = \mathbf{X}_f \fatsemi \mathbf{X}_g \fatsemi \mathbf{X}_h$$

$$\text{start}_{(f \fatsemi g) \fatsemi h} = \text{start}_{f \fatsemi (g \fatsemi h)} = [\, \text{start}_f \,;\, \text{start}_g \,;\, \text{start}_h \,]$$

$$\mathbf{Y}_{(f \fatsemi g) \fatsemi h} = \mathbf{Y}_{f \fatsemi (g \fatsemi h)} = \mathbf{Y}_h$$