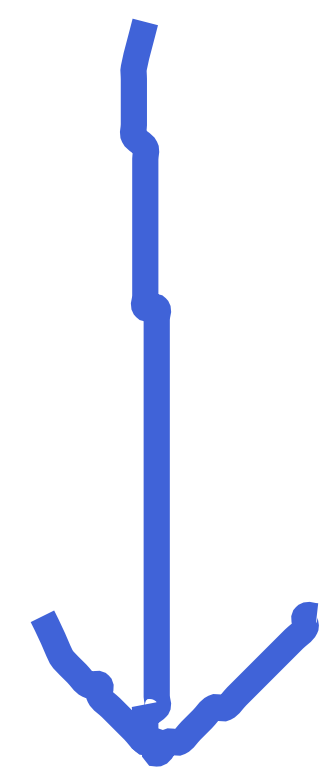
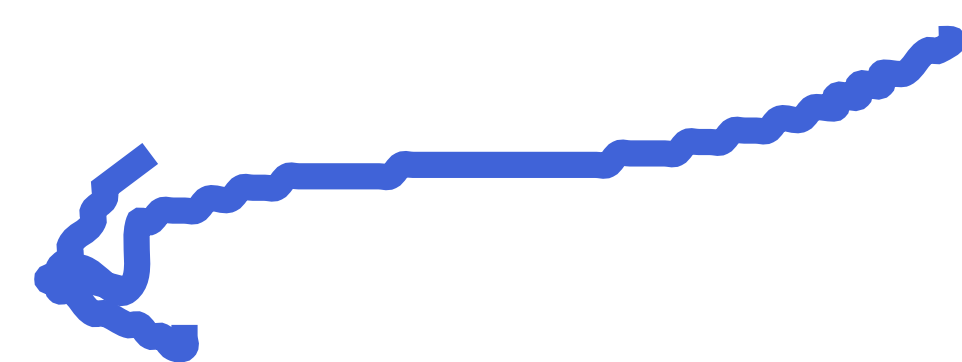


DEPENDENCY EXTRACTION

```
julia> @model function test0(x)
    λ ~ Gamma(2.0, inv(3.0))
    m ~ Normal(0, sqrt(1 / λ))
    x ~ Normal(m, sqrt(1 / λ))
end
```

TURING MODEL



TRACK + EXTRACT

```
julia> trackdependencies(test0(1.4))
⟨2⟩ = 1.4
⟨4:λ⟩ ~ Gamma(2.0, 0.3333333333333333) → 1.0351608689025245
⟨5⟩ = /(1, ⟨4:λ⟩) → 0.9660334253749353
⟨6⟩ = sqrt(⟨5⟩) → 0.982869994137035
⟨8:m⟩ ~ Normal(0, ⟨6⟩) → -2.0155543806491205
⟨9⟩ = /(1, ⟨4:λ⟩) → 0.9660334253749353
⟨10⟩ = sqrt(⟨9⟩) → 0.982869994137035
⟨12:x⟩ ~ Normal(⟨8:m⟩, ⟨10⟩) ← ⟨2⟩
```