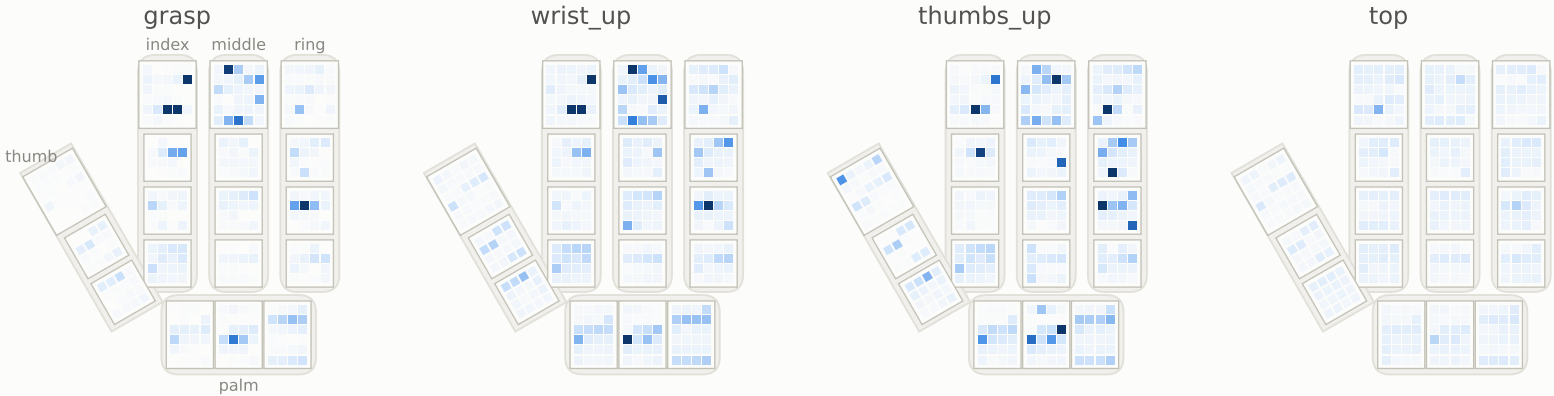master chef can — mean |Δ| per phase, estimated pad layout