Appendix B: Calculation of SDDR 04/16/21 To find Boy start with: p(Moll) = (dx To(x) p(2/4, wx) . - Model O posterior, integrating p(M, ld) = [dx. dw T, (x, w) p(d1x, w) = q. - Model 1 posterior Dividing the two, εψ. π. (4) p(2)4, ω*). =

2

2

2

2 [dx dw. TT, (x, w) p(alx, w) = q Now multiply & divide by: p(w*12). Bo1 = p (w* 12). [24. To (4) p(214, w*) Renate risky PR: p(wx 1d). p(4/wx, d) = p(4, wx 1d) : p(wxle) = p(4, wxle) 1(4/wx, a) .. We obtain: Boi = p(ux 12). [24. Tro(4). p(2) ux, 4). p(4) ux, 2). = p(w* | 2). f 24. To(4). p(stw*,4) p(4 (w*, Q). T, (4, w*). p(stv, w*) (+ w=v*) = p(w*12). \ \(24.76(4).p(4|w*, 2).
\(\pi, (4, u*) \)

