Nested Hierarchical model sessions parameter: alpha parameter: beta parameter: lambda r (without) = 0.98 [0.97;0.99]5 r (without) = 0.79 [0.71;0.86]r (without) = 0.88 [0.83; 0.92]40 r (with) = 0.82 [0.76; 0.87]r (with) = 0.98 [0.96; 0.99]r (with) = 0.81 [0.74; 0.88] $ICC_1 = 0.98[0.91;1]$ ICC 1 = 0.99[0.98;1] $ICC_1 = 0.95[0.83;1]$  $ICC_2 = 0.62[0.46;0.75]$  $ICC_2 = 0.54[0.37;0.7]$  $ICC_2 = 0.92[0.88;0.96]$ 20 Recovered value 0 -5 -20 -40 -7.5 20 -5.0 -2.5 0.0 -30 -20 -10 0 10 Simulated value