

### APPENDIX III: RELIABILITY TABLE

Reliability testing for Newborn Duration: metric rates for 2,000, 5,000, and 10,000 samples. Samples were constructed randomly three times for each sample size.									
6 Months									
	N=2,000			N=5,000			N=10,000		
	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3
IL	0.9320 (0.9201,0.9426)	0.9405 (0.9292,0.9505)	0.9340 (0.9222,0.9445)	0.9472 (0.9406,0.9532)	0.9388 (0.9318,0.9453)	0.9418 (0.9349,0.9481)	0.9396 (0.9348,0.9442)	0.9414 (0.9366,0.9459)	0.9407 (0.9359,0.9453)
LA	0.9025 (0.8887,0.9152)	0.8925 (0.8781,0.9057)	0.8945 (0.8802,0.9076)	0.9028 (0.8943,0.9109)	0.9002 (0.8916,0.9084)	0.9004 (0.8918,0.9086)	0.8990 (0.8929,0.9048)	0.9017 (0.8957,0.9075)	0.8993 (0.8932,0.9051)
MT	0.8555 (0.8393,0.8706)	0.8670 (0.8513,0.8816)	0.8540 (0.8378,0.8692)	0.8546 (0.8445,0.8643)	0.8582 (0.8482,0.8678)	0.8530 (0.8429,0.8627)	N/A		
NC	0.9650 (0.9560,0.9726)	0.9620 (0.9527,0.9699)	0.9615 (0.9521,0.9695)	0.9554 (0.9493,0.9610)	0.9626 (0.9570,0.9677)	0.9616 (0.9559,0.9668)	0.9623 (0.9584,0.9659)	0.9634 (0.9595,0.9670)	0.9606 (0.9566,0.9643)
NH	0.8455 (0.8289,0.8611)	0.8485 (0.8320,0.8639)	0.8570 (0.8409,0.8721)	0.8534 (0.8433,0.8631)	0.8528 (0.8427,0.8625)	0.8548 (0.8447,0.8645)	N/A		
NY	0.9500 (0.9395,0.9591)	0.9575 (0.9477,0.9659)	0.9540 (0.9439,0.9628)	0.9514 (0.9451,0.9572)	0.9486 (0.9421,0.9546)	0.9512 (0.9449,0.9570)	0.9513 (0.9469,0.9554)	0.9581 (0.9540,0.9619)	0.9541 (0.9498,0.9581)
OR	0.9325 (0.9206,0.9431)	0.9350 (0.9233,0.9454)	0.9310 (0.9190,0.9417)	0.9332 (0.9259,0.9400)	0.9286 (0.9211,0.9356)	0.9252 (0.9176,0.9323)	0.9288 (0.9236,0.9338)	0.9272 (0.9219,0.9322)	0.9310 (0.9259,0.9359)
UT	0.8885 (0.8739,0.9020)	0.8870 (0.8723,0.9006)	0.8910 (0.8765,0.9043)	0.8838 (0.8746,0.8926)	0.8904 (0.8814,0.8989)	0.8872 (0.8781,0.8958)	0.8876 (0.8812,0.8937)	0.8878 (0.8815,0.8939)	0.8899 (0.8836,0.8960)
12 Months									
	N=2,000			N=5,000			N=10,000		
	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3
IL	0.8845 (0.8697,0.8982)	0.8985 (0.8844,0.9114)	0.8840 (0.8691,0.8977)	0.9066 (0.8982,0.9145)	0.8936 (0.8847,0.9020)	0.8960 (0.8872,0.9043)	0.8974 (0.8913,0.9033)	0.8972 (0.8911,0.9031)	0.8997 (0.8936,0.9055)
LA	0.7455 (0.7258,0.7645)	0.7390 (0.7192,0.7581)	0.7490 (0.7294,0.7679)	0.7556 (0.7434,0.7675)	0.7598 (0.7477,0.7716)	0.7620 (0.7499,0.7737)	0.7538 (0.7452,0.7622)	0.7536 (0.7450,0.7620)	0.7553 (0.7468,0.7637)
MT	0.7500 (0.7304,0.7688)	0.7585 (0.7391,0.7771)	0.7440 (0.7243,0.7630)	0.7528 (0.7406,0.7647)	0.7524 (0.7402,0.7643)	0.7500 (0.7378,0.7620)	N/A		
NC	0.9205 (0.9078,0.9320)	0.9200 (0.9072,0.9315)	0.9180 (0.9051,0.9297)	0.9070 (0.8986,0.9149)	0.9088 (0.9005,0.9166)	0.9180 (0.9100,0.9255)	0.9172 (0.9116,0.9225)	0.9164 (0.9108,0.9218)	0.9115 (0.9058,0.9170)

NH	0.7170 (0.6967,0.7367)	0.7165 (0.6962,0.7362)	0.7265 (0.7064,0.7459)	0.7240 (0.7114,0.7364)	0.7230 (0.7104,0.7354)	0.7264 (0.7138,0.7387)	N/A		
NY	0.9000 (0.8860,0.9128)	0.9000 (0.8860,0.9128)	0.9070 (0.8934,0.9194)	0.9070 (0.8986,0.9149)	0.8990 (0.8903,0.9072)	0.8956 (0.8868,0.9039)	0.9021 (0.8961,0.9079)	0.9086 (0.9028,0.9142)	0.9050 (0.8991,0.9107)
OR	0.8365 (0.8196,0.8525)	0.8365 (0.8196,0.8525)	0.8420 (0.8253,0.8577)	0.8376 (0.8271,0.8477)	0.8292 (0.8185,0.8395)	0.8236 (0.8127,0.8341)	0.8289 (0.8214,0.8362)	0.8307 (0.8232,0.8380)	0.8359 (0.8285,0.8431)
UT	0.7860 (0.7674,0.8038)	0.7740 (0.7550,0.7922)	0.7945 (0.7761,0.8120)	0.7786 (0.7668,0.7900)	0.7868 (0.7752,0.7981)	0.7878 (0.7762,0.7991)	0.7823 (0.7741,0.7904)	0.7840 (0.7758,0.7920)	0.7865 (0.7783,0.7945)
18 Months									
	N=2,000			N=5,000			N=10,000		
	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3	Sample 1	Sample 2	Sample 3
IL	0.8345 (0.8175,0.8505)	0.8535 (0.8372,0.8687)	0.8330 (0.8159,0.8491)	0.8568 (0.8468,0.8664)	0.8464 (0.8361,0.8563)	0.8468 (0.8365,0.8567)	0.8570 (0.8500,0.8638)	0.8540 (0.8469,0.8609)	0.8553 (0.8483,0.8621)
LA	0.6090 (0.5872,0.6305)	0.6085 (0.5867,0.6300)	0.6045 (0.5827,0.6260)	0.6222 (0.6086,0.6357)	0.6286 (0.6150,0.6420)	0.6184 (0.6048,0.6319)	0.6161 (0.6065,0.6256)	0.6250 (0.6154,0.6345)	0.6161 (0.6065,0.6256)
MT	0.4875 (0.4654,0.5097)	0.4810 (0.4589,0.5032)	0.4675 (0.4454,0.4897)	0.4726 (0.4587,0.4866)	0.4776 (0.4637,0.4916)	0.4762 (0.4623,0.4902)	N/A		
NC	0.6740 (0.6530,0.6945)	0.6780 (0.6570,0.6985)	0.6805 (0.6596,0.7009)	0.6854 (0.6723,0.6983)	0.6852 (0.6721,0.6981)	0.6896 (0.6766,0.7024)	0.6915 (0.6823,0.7005)	0.6917 (0.6825,0.7007)	0.6824 (0.6732,0.6915)
NH	0.5635 (0.5414,0.5854)	0.5720 (0.5500,0.5938)	0.5950 (0.5731,0.6166)	0.5830 (0.5692,0.5967)	0.5790 (0.5652,0.5927)	0.5838 (0.5700,0.5975)	N/A		
NY	0.5890 (0.5671,0.6107)	0.5950 (0.5731,0.6166)	0.5900 (0.5681,0.6117)	0.6046 (0.5909,0.6182)	0.5974 (0.5837,0.6110)	0.5938 (0.5800,0.6075)	0.5947 (0.5850,0.6043)	0.6000 (0.5903,0.6096)	0.6047 (0.5950,0.6143)
OR	0.3995 (0.3779,0.4214)	0.4070 (0.3854,0.4289)	0.4200 (0.3982,0.4420)	0.4080 (0.3943,0.4218)	0.4150 (0.4013,0.4288)	0.4046 (0.3910,0.4184)	0.4086 (0.3989,0.4183)	0.4047 (0.3951,0.4144)	0.4015 (0.3919,0.4112)
UT	0.3820 (0.3606,0.4037)	0.3935 (0.3720,0.4153)	0.3935 (0.3720,0.4153)	0.3852 (0.3717,0.3989)	0.3980 (0.3844,0.4117)	0.3926 (0.3790,0.4063)	0.3928 (0.3832,0.4025)	0.3876 (0.3780,0.3972)	0.3912 (0.3816,0.4008)