N hidden layers nHiddenLayers stream test phase GRU 50 0.90683 0.90323 0.90345 100 0.89036 0.9063 0.90445 150 0.89284 0.91134 0.90733 LTSM 50 0.85627 0.88402 0.90225 150 0.846852 0.88657 0.90225 150 0.84951 0.88212 0.90046 N of epochs maxEpochs stream test phase GRU 6RU 150 0.90656 0.91036 0.90652 175 0.89298 0.9058 0.9041 200 0.8905 0.9047 0.90502 LTSM 1 0.89481 0.88066 0.90502 LTSM 1 0.84841 0.88066 0.901036 1 0.85407 0.88566 0.90105 1 0.87182 0.89639 0.9015 Gradient threshold gradientThreshold stream test phase GRU GRU 6RU 1 0.89823 0.90513 0.90155 Gradient threshold stream test phase GRU CRU 1 0.89823 0.90513 0.90539 Gradient threshold stream test phase GRU LTSM 1 0.89863 0.90513 0.90539 1.5 0.89663 0.90751 0.90523 LTSM LTSM 1 0.89863 0.90751 0.90523 LTSM 1 0.89864 0.988754 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	Overall	analysis			
SRU	N hid	lden layer	S		
S0	nHidd	lenLayers	stream	test	phase
100	GRU				
150		50	0.90683	0.90323	0.90387
STANE		100	0.89036	0.9063	0.90445
S0		150	0.89284	0.91134	0.90733
100	LTSM				
N of epochs maxEpochs Stream Str		50	0.85627	0.88402	0.90383
N of epochs maxEpochs stream test phase GRU 150 0.90656 0.91036 0.90652 175 0.89298 0.9058 0.9041 200 0.8905 0.9047 0.90502 LTSM 1 0.84841 0.88066 0.90195 1 0.87182 0.89639 0.90195 Gradient threshold gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90751 0.90503 LTSM 1 0.88754 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		100	0.86852	0.89657	0.90225
maxEpochs stream test phase GRU 150 0.90656 0.91036 0.90652 175 0.89298 0.9058 0.9041 200 0.8905 0.9047 0.90502 LTSM 1 0.84841 0.88066 0.90303 1 0.85407 0.88566 0.90195 Gradient threshold 0.87182 0.89639 0.90155 GRU test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90751 0.90533 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		150	0.84951	0.88212	0.90046
SRU	N of	epochs			
150	maxEp	ochs	stream	test	phase
175 0.89298 0.9058 0.9041 200 0.8905 0.9047 0.90502 LTSM 1 0.84841 0.88066 0.90303 1 0.85407 0.88566 0.90195 1 0.87182 0.89639 0.90155 Gradient threshold gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	GRU				
LTSM 1 0.84841 0.88066 0.90303 1 0.87182 0.89639 0.90155 Gradient threshold gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90192		150	0.90656	0.91036	0.90652
LTSM 1 0.84841 0.88066 0.90303 1 0.85407 0.88566 0.90195 1 0.87182 0.89639 0.90155 Gradient threshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		175	0.89298	0.9058	0.9041
1 0.84841 0.88066 0.90303 1 0.85407 0.88566 0.90195 1 0.87182 0.89639 0.90155 Gradient threshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		200	0.8905	0.9047	0.90502
1 0.85407 0.88566 0.90195 1 0.87182 0.89639 0.90155 Gradient threshold gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	LTSM				
1 0.87182 0.89639 0.90155 Gradient threshold gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		1	0.84841	0.88066	0.90303
Gradient threshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		1	0.85407	0.88566	0.90195
gradientThreshold stream test phase GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		1	0.87182	0.89639	0.90155
GRU 1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	Gradi	ent thres	hold		
1 0.89823 0.90513 0.90539 1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	gradientThreshold		old stream	test	phase
1.5 0.89623 0.90822 0.90503 2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192	GRU				
2 0.89558 0.90751 0.90523 LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		1	0.89823	0.90513	0.90539
LTSM 1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		1.5	0.89623	0.90822	0.90503
1 0.85848 0.88754 0.90249 1.5 0.85964 0.8849 0.90213 2 0.85617 0.89026 0.90192		2	0.89558	0.90751	0.90523
1.50.859640.88490.9021320.856170.890260.90192	LTSM				
2 0.85617 0.89026 0.90192		1	0.85848	0.88754	0.90249
		1.5	0.85964	0.8849	0.90213
>>		2	0.85617	0.89026	0.90192
	>>				