

**Table 4.** NSE Scores comparing the FUSE models against the LSTM / EALSTM. Best score (highest) highlighted in bold.

Station ID	Name	LSTM	EALSTM	CLASSIC	JULES	TOPMODEL	ARNOVIC	PRMS	SACRAMENTO
12002	Dee at Park	<b>0.90</b>	0.87	0.64	0.51	0.65	0.71	0.68	0.71
15006	Tay at Ballathie	<b>0.95</b>	0.94	0.50	0.64	0.79	0.88	0.86	0.88
27009	Ouse at Skelton	<b>0.94</b>	0.91	0.78	0.69	0.86	0.89	0.88	0.91
27034	Ure at Kilgram Bridge	<b>0.88</b>	0.87	0.78	0.75	0.84	0.84	0.85	0.85
27041	Derwent at Buttercrambe	<b>0.92</b>	0.79	0.74	0.49	0.77	0.78	0.82	0.87
39001	Thames at Kingston	<b>0.95</b>	0.94	0.84	0.82	0.75	0.78	0.69	0.88
39081	Ock at Abingdon	<b>0.91</b>	0.86	0.80	-0.21	0.73	0.81	0.76	0.82
43021	Avon at Knapp Mill	<b>0.91</b>	<b>0.91</b>	0.68	-0.07	0.54	<b>0.91</b>	0.84	0.89
47001	Tamar at Gunnislake	<b>0.94</b>	0.93	0.83	0.63	0.86	0.89	0.88	0.89
54001	Severn at Bewdley	<b>0.95</b>	0.91	0.77	0.61	0.88	0.88	0.87	0.92
54057	Severn at Haw Bridge	<b>0.93</b>	<b>0.93</b>	0.81	0.72	0.88	0.88	0.88	0.92
71001	Ribble at Samlesbury	<b>0.90</b>	0.88	0.79	0.74	0.83	0.83	0.83	0.84
84013	Clyde at Daldowie	0.93	<b>0.94</b>	0.82	0.82	0.87	0.88	0.85	0.88