Team:

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Size	ARM (s)	My (s)	Fraction
16	0.0087779	0.069757931	0.882996242
64	0.02289153	6.660790888	1.006629537
256	0.666407141	1322.042354	1.009591844
1024	39.99057166	9271.812281	1.005744309

 $Speedup_F = T_{my}/T_{arm_E} = 1/(1-F+F/E)$

$$\bullet \quad (1 - F + F/E) = T_{arm_E}/T_{my}$$

$$\bullet \quad -F + F/E = T_{arm_E}/T_{my} - 1$$

•
$$F * (-1 + 1/E) = T_{arm_E}/T_{my} - 1$$

•
$$F = (T_{arm_E}/T_{my} - 1)/(1/E - 1)$$

•
$$F = (T_{arm_E}/T_{my} - 1)*E/(1 - E)$$

Take 64 as an example:

(0.02289153/6.660790888-1)*100/(1-100) = 0.99656324145/99 = 1.006629537