

Trend	Seasonal		
	N	A	M
N	$\hat{y}_{t+h t} = \ell_t$	$\hat{y}_{t+h t} = \ell_t + s_{t-m+h_m^+}$	$\hat{y}_{t+h t} = \ell_t s_{t-m+h_m^+}$
	$\ell_t = \alpha y_t + (1 - \alpha) \ell_{t-1}$	$\ell_t = \alpha (y_t - s_{t-m}) + (1 - \alpha) \ell_{t-1}$ $s_t = \gamma (y_t - \ell_{t-1}) + (1 - \gamma) s_{t-m}$	$\ell_t = \alpha (y_t / s_{t-m}) + (1 - \alpha) \ell_{t-1}$ $s_t = \gamma (y_t / \ell_{t-1}) + (1 - \gamma) s_{t-m}$
A	$\hat{y}_{t+h t} = \ell_t + h b_t$	$\hat{y}_{t+h t} = \ell_t + h b_t + s_{t-m+h_m^+}$	$\hat{y}_{t+h t} = (\ell_t + h b_t) s_{t-m+h_m^+}$
	$\ell_t = \alpha y_t + (1 - \alpha) (\ell_{t-1} + b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) b_{t-1}$	$\ell_t = \alpha (y_t - s_{t-m}) + (1 - \alpha) (\ell_{t-1} + b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) b_{t-1}$ $s_t = \gamma (y_t - \ell_{t-1} - b_{t-1}) + (1 - \gamma) s_{t-m}$	$\ell_t = \alpha (y_t / s_{t-m}) + (1 - \alpha) (\ell_{t-1} + b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) b_{t-1}$ $s_t = \gamma (y_t / (\ell_{t-1} + b_{t-1})) + (1 - \gamma) s_{t-m}$
A _d	$\hat{y}_{t+h t} = \ell_t + \phi_h b_t$	$\hat{y}_{t+h t} = \ell_t + \phi_h b_t + s_{t-m+h_m^+}$	$\hat{y}_{t+h t} = (\ell_t + \phi_h b_t) s_{t-m+h_m^+}$
	$\ell_t = \alpha y_t + (1 - \alpha) (\ell_{t-1} + \phi b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) \phi b_{t-1}$	$\ell_t = \alpha (y_t - s_{t-m}) + (1 - \alpha) (\ell_{t-1} + \phi b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) \phi b_{t-1}$ $s_t = \gamma (y_t - \ell_{t-1} - \phi b_{t-1}) + (1 - \gamma) s_{t-m}$	$\ell_t = \alpha (y_t / s_{t-m}) + (1 - \alpha) (\ell_{t-1} + \phi b_{t-1})$ $b_t = \beta^* (\ell_t - \ell_{t-1}) + (1 - \beta^*) \phi b_{t-1}$ $s_t = \gamma (y_t / (\ell_{t-1} + \phi b_{t-1})) + (1 - \gamma) s_{t-m}$