

LeNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1140	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.85</u>	0.86
	1100				<u>0.77</u>	0.76	0.77
	1050			<u>0.67</u>	0.69	0.70	
	1000		<u>0.60</u>	0.59	0.63	0.62	
	950	<u>0.57</u>	0.60	0.60			
	900	0.58	0.59	0.60			

VGG11

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1140	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.91</u>	0.90
	1100				<u>0.82</u>	0.81	0.82
	1050			<u>0.77</u>	0.76	0.72	
	1000		<u>0.73</u>	0.70	0.69		
	950	<u>0.78</u>	0.73	0.70			
	900	0.78	0.73	0.71			

AlexNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1140	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.90</u>	0.89
	1100				<u>0.81</u>	0.79	0.79
	1050			<u>0.72</u>	0.73	0.71	
	1000		<u>0.66</u>	0.66	0.66	0.65	
	950	<u>0.67</u>	0.66	0.65			
	900	0.67	0.66	0.65			

WideResNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1140	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.89</u>	0.89
	1100				<u>0.80</u>	0.78	0.79
	1050			<u>0.70</u>	0.71	0.71	
	1000		<u>0.63</u>	0.63	0.64	0.65	
	950	<u>0.65</u>	0.62	0.62			
	900	0.66	0.63	0.63			

Underlined results correspond to default V-F pairs.