

LeNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1440	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.86</u>	0.84
	1100				<u>0.77</u>	0.76	0.75
	1050			<u>0.67</u>	0.69	0.68	
	1000		0.56	0.61	0.63	0.63	
	950	<u>0.57</u>	0.59	0.60			
	900	0.57	0.59	0.59			

VGG11

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1440	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.91</u>	0.90
	1100				<u>0.87</u>	0.86	0.83
	1050			<u>0.83</u>	0.81	0.80	
	1000		<u>0.75</u>	0.74	0.73		
	950	<u>0.81</u>	0.75	0.74			
	900	0.80	0.75	0.74			

AlexNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1440	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.91</u>	0.87
	1100				<u>0.82</u>	0.80	0.79
	1050			<u>0.74</u>	0.73	0.71	
	1000		<u>0.68</u>	0.66	0.66	0.65	
	950	<u>0.71</u>	0.68	0.67			
	900	0.71	0.68	0.66			

WideResNet

Frequency [MHz]

Voltage [mV]		1140	1270	1350	1440	1530	1600
	1200						<u>1.00</u>
	1150					<u>0.93</u>	0.91
	1100				<u>0.84</u>	0.81	0.80
	1050			<u>0.79</u>	0.77	0.72	
	1000		<u>0.72</u>	0.71	0.69	0.67	
	950	<u>0.77</u>	0.72	0.71			
	900	0.76	0.71	0.70			

Underlined results correspond to default V-F pairs.