



$$V_{us} K_{l3}, N_f = 2+1+1$$

$$0.2233 \pm 0.0005$$

$$V_{us} K_{l2}, N_f = 2+1+1$$

$$0.2250 \pm 0.0005$$

$$\text{CKM unitarity \& } V_{ud} \text{ \& } V_{ub}$$

$$0.2272 \pm 0.0011$$

$$\tau \rightarrow X_s \nu \text{ [OPE-1]}$$

$$0.2184 \pm 0.0018 \pm 0.0010$$

$$\tau \rightarrow X_s \nu \text{ [OPE-2]}$$

$$0.2219 \pm 0.0022$$

$$\tau \rightarrow X_s \nu \text{ [latt-disp]}$$

$$0.2240 \pm 0.0018$$

$$\tau \rightarrow X_s \nu \text{ [latt-incl]}$$

$$0.2189 \pm 0.0018 \pm 0.0007$$

$$\tau \rightarrow K \nu / \tau \rightarrow \pi \nu$$

$$0.2229 \pm 0.0016 \pm 0.0010$$

$$\tau \rightarrow K \nu$$

$$0.2224 \pm 0.0016 \pm 0.0008$$

$$\tau \text{ exclusive average}$$

$$0.2225 \pm 0.0015 \pm 0.0008$$

$$\tau \text{ average}$$

$$0.2208 \pm 0.0013 \pm 0.0005$$

HFLAV

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