Errata

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1 On the size of p-adic Whittaker functions

Thanks to Dr. Michalis Neururer for pointing out most of the following issues.

Equation (1.5): The case of unramified Whittaker functions is well known and excluded here.

Lemma 2.2: For $a(\mu\chi_j) \neq a(\mu\chi_i) = 0$ with $\{i,j\} = \{1,2\}$ and $t \geq a(\mu\chi_j)$ we have

$$c_{t,l}(\mu) = \zeta_F(1)^{-1} q^{-\frac{t+a(\mu\pi)}{2}} \chi_i(\varpi^{t+a(\mu\pi)}) \epsilon(\frac{1}{2}, \mu^{-1}\omega_\pi^{-1}\pi) G(\varpi^{-l}, \mu^{-1}).$$

Remark 3.7: Later it will turn out that all but maximally two of the integrals vanish. This can also be shown elementary see Remark 3.3.10 of my thesis.

Lemma 4.1: b_ξ should be b_χ.

Lemma 4.6: The correct condition is $0 \leq l_1, l_2 \leq k$.

Section 5: Many of the omitted steps are actually technically involved. More detailed computations can be found in my thesis.

Lemma 5.4: Missing absolute values.